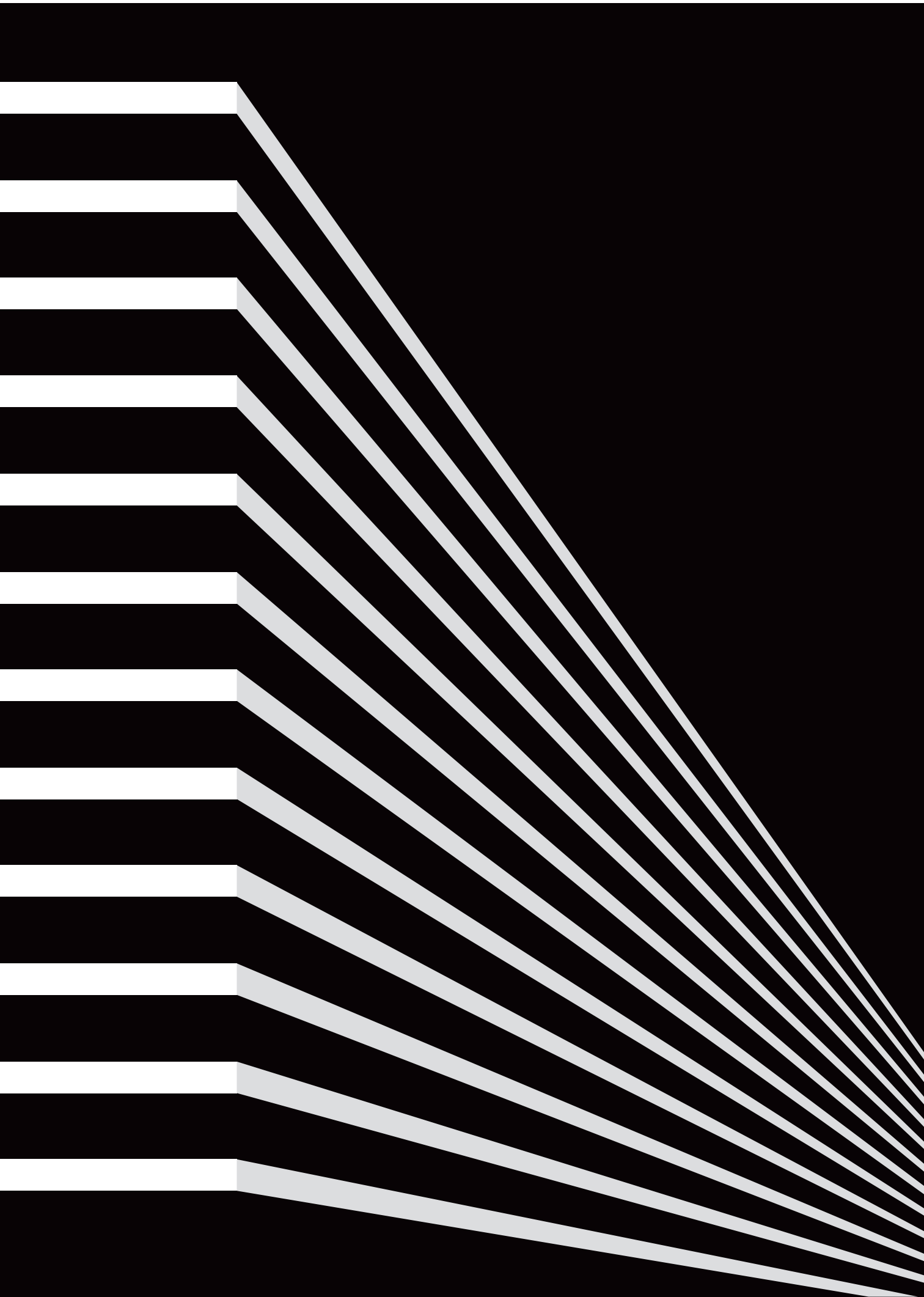
kreon catalogue



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kreon reading guide

This kreon reading guide will help you to read the product matrix. It illustrates the different steps you should take to compose the code of the lighting fixture. This code includes all the specifications and can be used as an order number to place your order.

	Colour	KR-code	Light sources	**8027** 2700K, CRI80+ **8030**	3000K, CRI80+ **9027**	2700K, CRI90+ **9030**	3000K, CRI90+	**SP** Spot (20°) **FL**	Flood (30°) **WFL**	Wide flood (40°)	**SW** Switchable ON/OFF **VD**	1-10V dimming **DD**	DALI dimming	Required accessories	Optional accessories
holon 40 on-track = cut out dimensions	○	KR**962611**	①	●	●	●	●	●	●	●	●	●	●	■	■
	●	KR**962612**	①	●	●	●	●	●	●	●	●	●	●	■	■

❶ The basic code [e.g. KR**962611**] is linked to the luminaire and contains the colour.

The specifications of the light source are described in the table on the left page

❷ Add the code for the desired colour rendering (CRI) and colour temperature (K) [e.g. **8027** 3700K, CRI80+]

❸ Add the code for the desired beam angle [e.g. **FL** Flood, 30°]

❹ Add the code for the desired dimming for the operation of your product [e.g. **SW** Switchable ON/OFF]

❶ + ❷ + ❸ + ❹ This combination [e.g. KR**962611-8027-FL-SW**] is your order number.

Required (■) and optional (■) accessories.

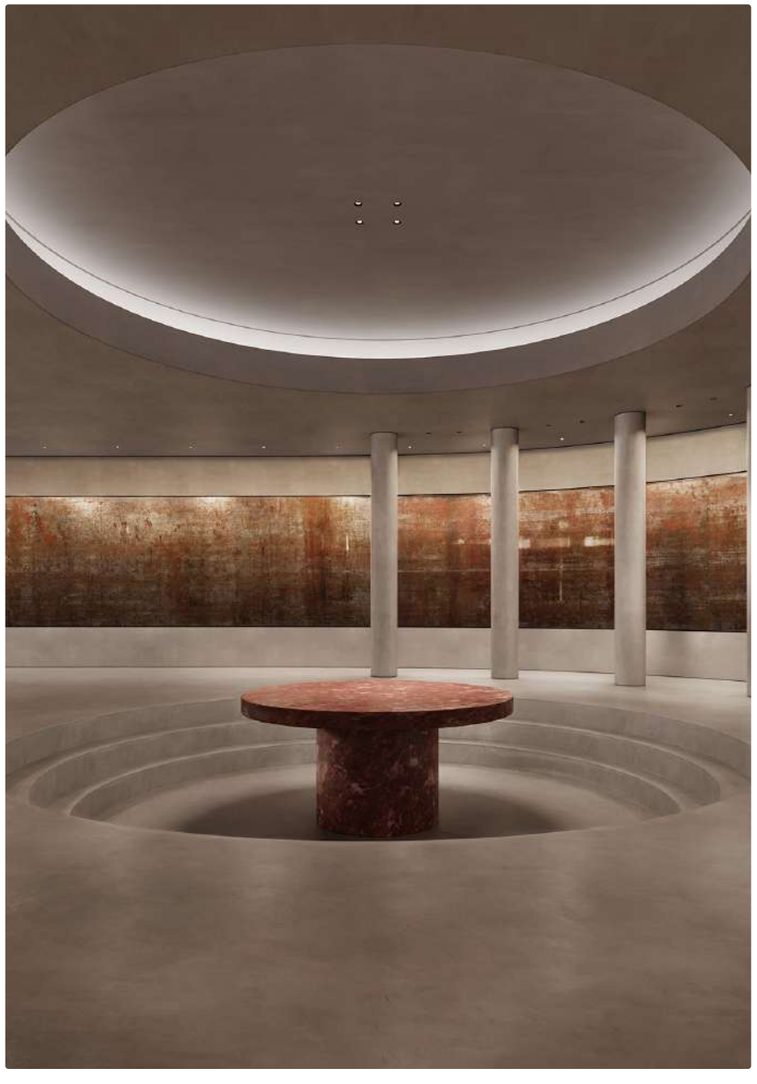
Each accessory has an order number. You can find the accessories below the matrix.

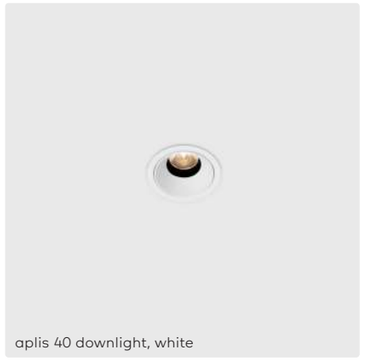
kreon aplis

kreon aplis directional is a fully recessed spotlight with a built-in snoot that serves two purposes. Firstly it absorbs stray flux, so aiding beam control, and secondly it provides an integrated mounting ring for the fixation of additional optical lenses for increased optimisation. kreon aplis directional has a rotational adjustment of 360° and an angular adjustment of 30°, which, when combined with the choice of spot, flood and wide flood TIR (total internal reflection) reflector, provides a truly versatile accent lighting tool.

kreon aplis downlight is the perfect solution for general lighting and features a flood beam mirror reflector set above the black or white internal louvre, optimised to create pools of light on horizontal surfaces or dramatic scalloping effects on verticals.

kreon aplis wallwasher provides near perfect uniformity on vertical surfaces. This is made possible by the unique optical design that is capable of reflecting light to the very top of adjacent walls through a full 180° beam angle, whilst still maintaining an effective down light component.





aplis 40 downlight, white

aplis 60 downlight, flood, black

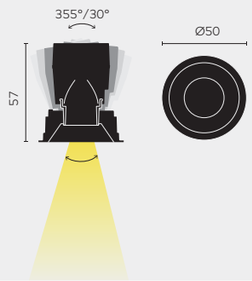
aplis 80 directional, white

aplis 80 HE directional, black

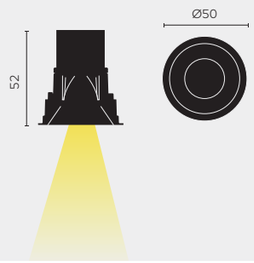
aplis 120 directional, white

aplis 165 wallwasher, black

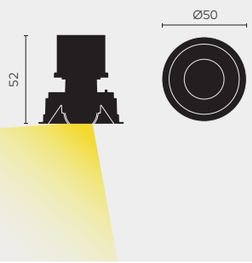
aplis 40 directional



aplis 40 downlight



aplis 40 wallwasher



		Colour	KR-code	Light sources	8027 2700K, CRI80+	8030 3000K, CRI80+	9027 2700K, CRI90+	9030 3000K, CRI90+	SP Spot (10°)	FL Flood (24°)	WFL Wide flood (46°)	OV Oval (42° + 12°)	Optional accessories
aplis 40 directional ◔ Ø 45 H 80 **Glare snoot**: incl.		○	KR**957731**	①	●	●	●	●	●	●	●		■
		●	KR**957732**	①	●	●	●	●	●	●	●		■
aplis 40 downlight ◔ Ø 45 H 80		○	KR**957031**	②	●	●	●	●	●	●	●	●	■
		●	KR**957032**	②	●	●	●	●	●	●	●	●	■
aplis 40 wallwasher ◔ Ø 45 H 80		○	KR**957331**	③	●	●	●	●					■
		●	KR**957332**	③	●	●	●	●					■

■ **Optional accessories**

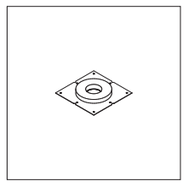
Plasterkit concrete	KR**737602**	Plasterkit for concrete installation
Louvre IP 44 (only for downlight) ❶	KR**707301**	Louvre IP 44, white
	KR**707302**	Louvre IP 44, black
Driver	KR**752730**	LED driver, 700mA, ON/OFF, 3W (IP65) ❷
	KR**752733**	LED driver, 700mA, DALI, 10W ❸
	KR**772142**	LED driver, 1050mA, 1-10V, 39W ❸
	KR**772443**	LED driver, 1050mA, DALI, 60W ❸

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI80+	2700K/3000K	2W	700mA	152lm
			3,2W	1050mA	219lm
	CRI90+	2700K/3000K	2W	700mA	121lm
			3,2W	1050mA	143lm
② LED	CRI80+	2700K/3000K	2W	700mA	172lm
			3,2W	1050mA	262lm
	CRI90+	2700K/3000K	2W	700mA	138lm
			3,2W	1050mA	172lm
③ LED	CRI80+	2700K/3000K	2W	700mA	77lm
			3,2W	1050mA	90lm
	CRI90+	2700K/3000K	2W	700mA	47lm
			3,2W	1050mA	71lm

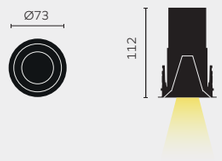
REMARKS
❶ IP 44 connection in plenum required.
❷ Driver fits through the installation hole. Other types of dimmable drivers should be placed on remote.
❸ Should be placed on remote

Thickness boardmaterial:
9-18mm
Gear excluded.
◈ IP40

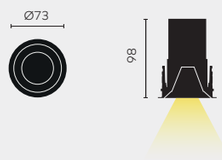
Plasterkit concrete



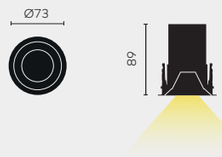
aplis 60 spot



aplis 60 flood



aplis 60 wide flood



aplis 60 wallwasher

	Colour	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**TW** tunable white (2700K-5000K), CRI90+	**SP** spot (34°)	**FL** flood (54°)	**WFL** wide flood (69°)	Optional accessories
aplis 60 downlight spot Ø68 **D** 122 (SP) **Gear:** excl., IP20	○	KR**937361**	①	●	●	●	●			■
	●	KR**937362**	①	●	●	●	●			■
aplis 60 downlight flood & wide flood Ø68 **D** 108 (FL) / 99 (WFL) **Gear:** excl., IP20	○	KR**937371**	②	●	●	●		●	●	■
	●	KR**937372**	②	●	●	●		●	●	■
aplis 60 wallwasher Ø68e **D** 92 **Gear:** excl., IP20	○	KR**937561**	③	●	●					■
	●	KR**937562**	③	●	●					■

■ **Optional accessories**

Driver 300mA (SP, wallwasher) ①	KR**747464**	LED driver, 300mA, ON/OFF, 16W
	KR**747562**	LED driver, 300mA, 1-10V, 15W
	KR**747666**	LED driver, 300mA, DALI, 16W
Driver 350mA (FL, WFL) ②	KR**747064**	LED driver, 350mA, ON/OFF, 19W
	KR**747162**	LED driver, 350mA, 1-10V, 18W
	KR**747266**	LED driver, 350mA, DALI, 15W
Driver (tunable white)	KR**747766**	LED driver, tunable white, 300mA, DALI-2 DT8, 50W ❶
	KR**747866**	LED driver, tunable white, 280mA, DALI-2 DT8, 20W ❷

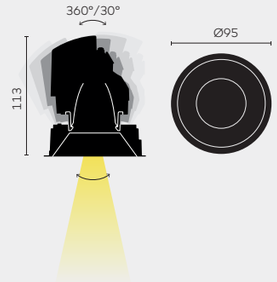
		CRI	CCT	Wattage	Drive current	Fixture lumen
①	LED (SP)	CRI90+	2700K/3000K 2700K-5000K	9,9W 2x12W	300mA	717lm 905lm
②	LED (FL)	CRI90+	2700K/3000K 2700K-5000K	12W 2x12W	350mA 300mA	1270lm 890lm
	LED (WFL)	CRI90+	2700K/3000K 2700K-5000K	12W 2x12W	350mA 300mA	1088lm 933lm
③	LED (WW)	CRI90+	2700K/3000K	9,9W	300mA	807lm

REMARKS
❶ Driver does not fit through the installation hole and must be placed on remote.
❷ Driver fits through installation hole, reduced current of 280mA results in 7% less lumen.

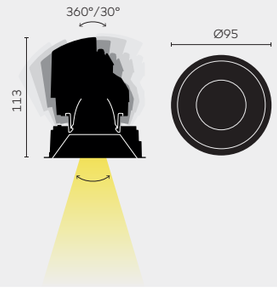
IP20

kreon aplis 80 high efficiency

aplis 80 HE spot



aplis 80 HE flood



		Colour louvre	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** spot (30°)	**FL** flood (50°)	Optional accessories
	aplis 80 HE directional spot ⌀ 90 **D** 120 **Gear:** excl., IP40	○	KR**937021**	①	●	●	●		■
		●	KR**937022**	①	●	●	●		■
	aplis 80 HE directional flood ⌀ 90 **D** 120 **Gear:** excl., IP40	○	KR**937121**	②	●	●		●	■
		●	KR**937122**	②	●	●		●	■

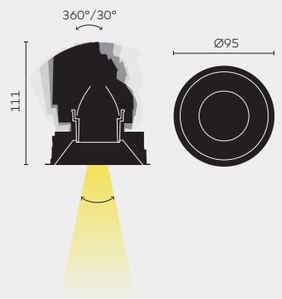
■ **Optional accessories**

Plasterkit concrete	KR**737702**	Plasterkit for concrete installation
Driver for ①	KR**747464**	LED driver, 300mA, 16W, ON/OFF
	KR**747562**	LED driver, 300mA, 15W, 1-10V
	KR**747666**	LED driver, 300mA, 16W, DALI
Driver for ②	KR**747064**	LED driver, 350mA, 18W, ON/OFF
	KR**747162**	LED driver, 350mA, 15W, 1-10V
	KR**747266**	LED driver, 350mA, 15W, DALI

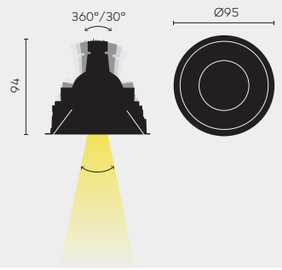
	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI90+	2700K/3000K	9,9W	300mA	736lm
② LED	CRI90+	2700K/3000K	12W	350mA	995lm

REMARKS
Thickness boardmaterial:
9-26mm
Gear excluded
IP40

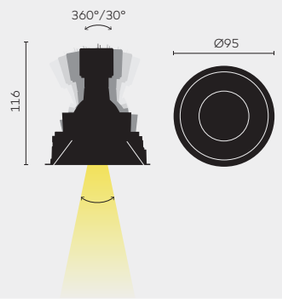
aplis 80 directional LED



aplis 80 directional LED MR16



aplis 80 directional LED PAR16



		Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	SP Spot (18°)	FL Flood (28°)	WFL Wide flood (48°)	Optional accessories
aplis 80 directional LED ◔ Ø 90 **H** 120 ◈ **Filter holder**: incl., **glare snoot**: incl.		○	KR**937931**	①	●	●	●	●	●	●	●	●	●	●	●	●	■
		●	KR**937932**	①	●	●	●	●	●	●	●	●	●	●	●	●	■
aplis 80 directional LED MR16 ◔ Ø 90 **H** 110 ◈ **Filter holder**: incl., **lamp**: excl., **glare snoot**: incl.		○	KR**937801**	②													■
		●	KR**937802**	②													■
aplis 80 directional LED PAR16 ◔ Ø 90 **H** 125 ⊡ **Filter holder**: incl., **lamp**: excl., **glare snoot**: incl.		○	KR**937841**	③													■
		●	KR**937842**	③													■

■ **Optional accessories**

Plasterkit concrete	KR**737702**	Plasterkit for concrete installation
Lenses ❶	KR**704100**	Sculpture lens ❷
	KR**704200**	Diffusing lens
	KR**704800**	Softening lens
	KR**772342**	Anti-glare louvre ❷
Driver	KR**772034**	LED driver, 700mA, ON/OFF, 20W,
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772430**	LED driver, 700mA, phase dim, 25W
	KR**772431**	LED driver, 700mA, phase dim, 14W

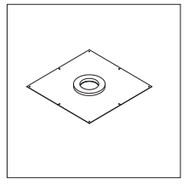
more info about louvres & lenses on page 596

		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI83	2700K/3000K/4000K		15,6W	700mA	686lm
		CRI90	2700K/3000K/4000K		15,6W	700mA	686lm
		CRI98	2700K/3000K/4000K		15,2W	700mA	491lm
②	LED MR16			12V	15W		
③	LED PAR16			230V	15W		

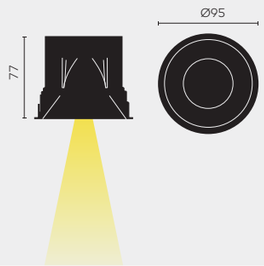
REMARKS
❶ Only one optional lens or louvre possible.
❷ Use only in combination with spot optic.

Thickness boardmaterial:
9-26mm
Gear excluded.
IP40

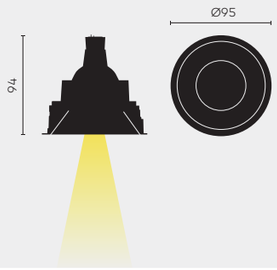
Plasterkit concrete



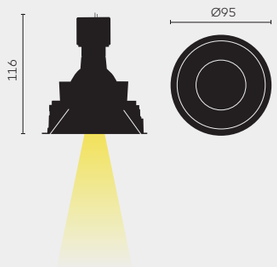
aplis 80 downlight LED



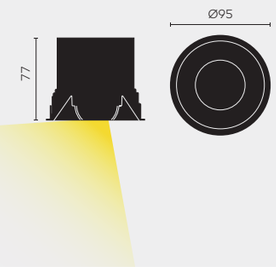
aplis 80 downlight LED MR16



aplis 80 downlight LED PAR16



aplis 80 wallwasher LED



		Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	Optional accessories
aplis 80 downlight LED Ø 90 H 100 **Wide flood reflector (38°)**: incl.		○	KR**937031**	①	●	●	●	●	●	●	●	●	●	■
		●	KR**937032**	①	●	●	●	●	●	●	●	●	●	■
aplis 80 downlight LED MR16 Ø 90 H 110 **Lamp**: excl.		○	KR**937231**	②										■
		●	KR**937232**	②										■
aplis 80 downlight LED PAR16 Ø 90 H 130 **Lamp**: excl.		○	KR**937251**	③										■
		●	KR**937252**	③										■
aplis 80 wallwasher LED Ø 90 H 100 **Wallwash reflector**: incl.		○	KR**937331**	④	●	●	●				●	●	●	■
		●	KR**937332**	④	●	●	●				●	●	●	■

■ **Optional accessories**

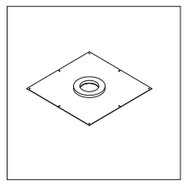
Plasterkit concrete	KR**737702**	Plasterkit for concrete installation
Louvre IP 44 (only for downlight) ❶	KR**717306**	Louvre IP 44, white
	KR**717302**	Louvre IP 44, black
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W
	KR**772432**	LED driver, 500mA, phase dim, 15W
	KR**772034**	LED driver, 700mA, ON/OFF, 20W,
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772430**	LED driver, 700mA, phase dim, 25W
	KR**772431**	LED driver, 700mA, phase dim, 14W

	CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K		9,5W	700mA	985lm
	CRI90	2700K/3000K/4000K		11,4W	700mA	985lm
	CRI98	2700K/3000K/4000K		9,2W	500mA	731lm
② LED MR16			12V	15W		
③ LED PAR16			230V	15W		
④ LED	CRI83	2700K/3000K/4000K		9,5W	700mA	509lm
	CRI90	2700K/3000K/4000K		11,4W	700mA	509lm
	CRI98	2700K/3000K/4000K		9,2W	500mA	378lm

REMARKS
❶ IP 44 connection in plenum required.

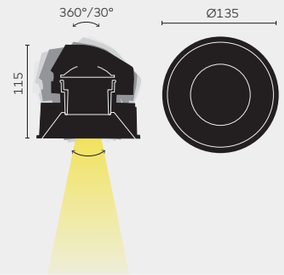
Thickness boardmaterial:
9-26mm
Gear excluded.
IP40

Plasterkit concrete

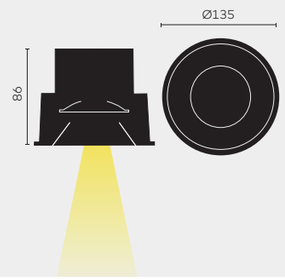


kreon aplis 120

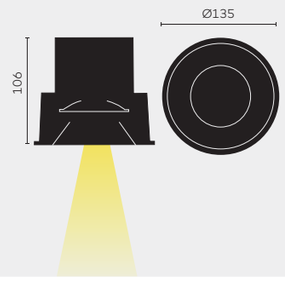
aplis 120 directional



aplis 120 downlight low output



aplis 120 downlight high output



		Colour	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	**SP** Spot (12°)	**FL** Flood (28°)	**WFL** Wide flood (34°)	Optional accessories
	aplis 120 directional Ø 128 **H** 140 **Filter holder**: incl., **glare snoot**: incl.	○	KR**957931**	①	●	●	●	●	●	●	●	●	●	●	●	●	■
		●	KR**957932**	①	●	●	●	●	●	●	●	●	●	●	●	●	■
	aplis 120 downlight low output Ø 128 **H** 110	○	KR**957231**	②	●	●	●	●	●	●	●	●	●	●	●	●	■
		●	KR**957232**	②	●	●	●	●	●	●	●	●	●	●	●	●	■
	aplis 120 downlight high output Ø 128 **H** 130	○	KR**957241**	③	●	●	●	●	●	●	●	●	●		●	●	■
		●	KR**957242**	③	●	●	●	●	●	●	●	●	●		●	●	■

■ **Optional accessories**

Plasterkit concrete	KR**737612**	Plasterkit for concrete installation
Louvre IP 44 (only for downlight) ❶	KR**707406**	Louvre IP 44, white
	KR**707402**	Louvre IP 44, black
Lenses (only for directional) ❷	KR**750100**	Sculpture lens ❸
	KR**750200**	Diffusing lens
	KR**750800**	Softening lens
Driver	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772430**	LED driver, 700mA, phase dim, 25W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W

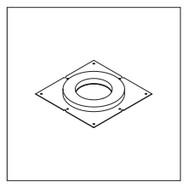
more info about louvres & lenses on page 596

			CRI	CCT	Wattage	Drive current	Fixture lumen
①	LED	**SP**	CRI83	2700K/3000K/4000K	15,6W	700mA	1274lm
			CRI90	2700K/3000K/4000K	15,6W	700mA	800lm
			CRI98	2700K/3000K/4000K	15,2W	700mA	573lm
		FL& WFL	CRI83	2700K/3000K/4000K	15,2W	700mA	1021lm
			CRI90	2700K/3000K/4000K	17,1W	700mA	987lm
			CRI98	2700K/3000K/4000K	12,9W	700mA	691lm
②	LED	**SP**	CRI83	2700K/3000K/4000K	15,6W	700mA	1114lm
			CRI90	2700K/3000K/4000K	15,6W	700mA	1004lm
			CRI98	2700K/3000K/4000K	15,2W	700mA	839lm
		FL& WFL	CRI83	2700K/3000K/4000K	15,2W	700mA	1666lm
			CRI90	2700K/3000K/4000K	17,1W	700mA	1609lm
			CRI98	2700K/3000K/4000K	12,9W	700mA	1127lm
③	LED		CRI83	2700K/3000K/4000K	25,6W	1050mA	2610lm
			CRI90	2700K/3000K/4000K	25,7W	1050mA	2430lm
			CRI98	2700K/3000K/4000K	20W	1050mA	1605lm

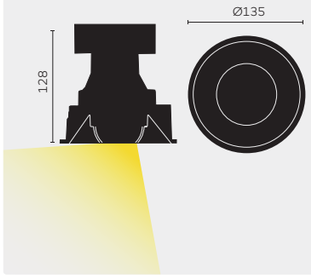
REMARKS
❶ IP 44 connection in plenum required.
❷ Only one optional lens or louvre possible.
❸ Use only in combination with spot optic.

Thickness boardmaterial:
9-26mm
Gear excluded
◈ IP40

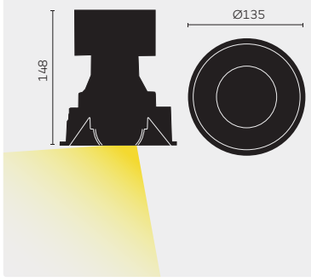
Plasterkit concrete



aplis 120 wallwasher low output



aplis 120 wallwasher high output



		Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	Optional accessories
	aplis 120 wallwasher low output ◔ Ø 128 **H** 150 **Wallwash reflector:** incl.	○	KR**957531**	①	●	●	●	●	●	●	●	●	●	■
		●	KR**957532**	①	●	●	●	●	●	●	●	●	●	■
	aplis 120 wallwasher high output ◔ Ø 128 **H** 170 **Wallwash reflector:** incl.	○	KR**957541**	②	●	●	●	●	●	●	●	●	●	■
		●	KR**957542**	②	●	●	●	●	●	●	●	●	●	■

■ **Optional accessories**

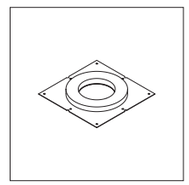
Plasterkit concrete	KR**737612**	Plasterkit for concrete installation
Driver	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772430**	LED driver, 700mA, phase dim, 25W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W

		CRI	CCT	Wattage	Drive current	Fixture lumen
①	LED	CRI83	2700K/3000K/4000K	15,2W	700mA	937lm
		CRI90	2700K/3000K/4000K	17,1W	700mA	906lm
		CRI98	2700K/3000K/4000K	12,9W	700mA	633lm
②	LED	CRI83	2700K/3000K/4000K	25,6W	1050mA	1385lm
		CRI90	2700K/3000K/4000K	25,7W	1050mA	1275lm
		CRI98	2700K/3000K/4000K	20W	1050mA	840lm

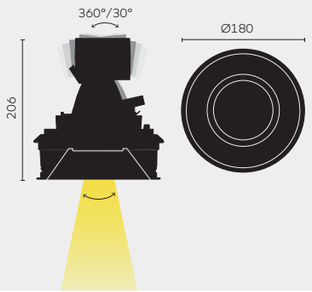
REMARKS
❶ IP 44 connection in plenum required.
❷ Use only in combination with spot optic.

Thickness boardmaterial:
9-26mm
Gear excluded
◈ IP40

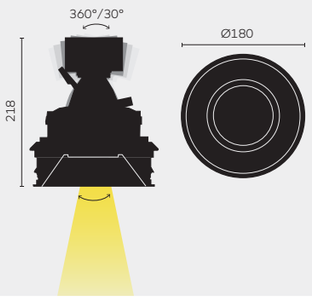
Plasterkit concrete



aplis 165 directional low output



aplis 165 directional high output



		Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	Required accessories	Optional accessories
	aplis 165 directional low output ◔ Ø 175 **H** 230 **Filter holder**: incl., **glare snoot**: incl.	○	KR**937831**	①	●	●	●	●	●	●	●	●	●	■	■
		●	KR**937832**	①	●	●	●	●	●	●	●	●	●	■	■
	aplis 165 directional high output ◔ Ø 175 **H** 250 **Filter holder**: incl., **glare snoot**: incl.	○	KR**937341**	②	●	●	●	●	●	●	●	●	●	■	■
		●	KR**937342**	②	●	●	●	●	●	●	●	●	●	■	■

■ **Required accessories**

Reflector	KR**720032**	Reflector LED, spot 13°
	KR**720034**	Reflector LED, flood 23°
	KR**720036**	Reflector LED, wide flood 40°

■ **Optional accessories**

Plasterkit concrete	KR**737712**	Plasterkit for concrete installation
Lenses ❶	KR**720100**	Sculpture lens ❷
	KR**720200**	Diffusing lens
	KR**720800**	Softening lens
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W
	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W

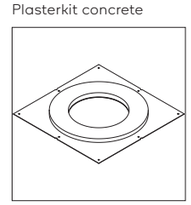
more info about louvres & lenses on page 596

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K	15,2W	700mA	1250lm
	CRI90	2700K/3000K/4000K	16,5W	700mA	1250lm
	CRI98	2700K/3000K/4000K	13,9W	500mA	988lm
② LED	CRI83	2700K/3000K/4000K	25,7W	1050mA	1874lm
	CRI90	2700K/3000K/4000K	25,7W	1050mA	1874lm
	CRI98	2700K/3000K/4000K	20W	1050mA	1249lm

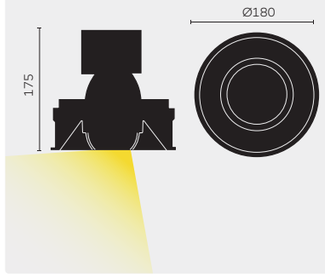
REMARKS
❶ Only one optional lens or louvre possible.
❷ Use only in combination with spot optic.

Thickness boardmaterial:
9-26mm
Gear excluded.
◈ IP40

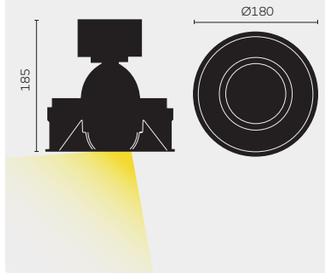
Plasterkit concrete



aplis 165 wallwasher low output



aplis 165 wallwasher high output



		Colour	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	Optional accessories
	aplis 165 wallwasher low output ◔ Ø 175 **H** 200	○	KR**937431**	①	●	●	●	●	●	●	●	●	●	■
		●	KR**937432**	①	●	●	●	●	●	●	●	●	●	■
	aplis 165 wallwasher high output ◔ Ø 175 **H** 210	○	KR**937441**	②	●	●	●	●	●	●	●	●	●	■
		●	KR**937442**	②	●	●	●	●	●	●	●	●	●	■

■ **Optional accessories**

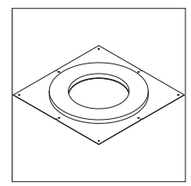
Plasterkit concrete	KR**737712**	Plasterkit for concrete installation
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W
	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W

		CRI	CCT	Wattage	Drive current	Fixture lumen
①	LED	CRI83	2700K/3000K/4000K	15,2W	700mA	756lm
		CRI90	2700K/3000K/4000K	16,5W	700mA	756lm
		CRI98	2700K/3000K/4000K	13,9W	500mA	597lm
②	LED	CRI83	2700K/3000K/4000K	25,7W	1050mA	1161lm
		CRI90	2700K/3000K/4000K	25,7W	1050mA	1161lm
		CRI98	2700K/3000K/4000K	20W	1050mA	774lm

REMARKS

Thickness boardmaterial:
9-26mm
Gear excluded.
◈ IP40

Plasterkit concrete



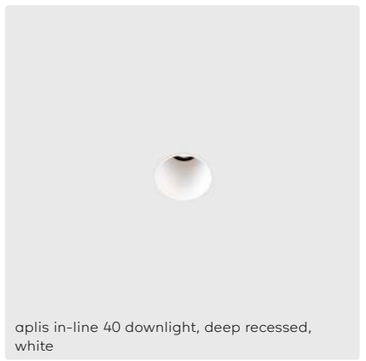
kreon aplis in-line

kreon aplis in-line directional is a fully recessed spotlight with a built-in snoot that serves two purposes. Firstly it absorbs stray flux, so aiding beam control, and secondly it provides an integrated mounting ring for the fixation of additional optical lenses for increased optimisation.

kreon aplis in-line directional has a rotational adjustment of 360° and an angular adjustment of 30°, which when combined with the choice of spot, flood and wide flood TIR (total internal reflection) reflector, provides a truly versatile accent lighting tool.

kreon aplis in-line fixed is the perfect solution for general lighting and features a flood beam mirror reflector set above the black or white internal louvre, optimised to create pools of light on horizontal surfaces or dramatic scalloping effects on verticals.

kreon aplis in-line wallwasher provides near perfect uniformity on vertical surfaces. This is made possible by the unique optical design that is capable of reflecting light to the very top of adjacent walls through a full 180° beam angle, whilst still maintaining an effective downlight component.

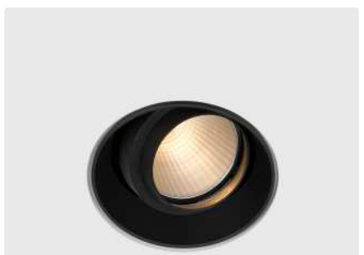


aplis in-line 40 downlight, deep recessed, white

aplis in-line 80 downlight, dropped louvre, black

aplis in-line 80 HE directional, white, shadowgap

aplis in-line 120 wallwasher, white

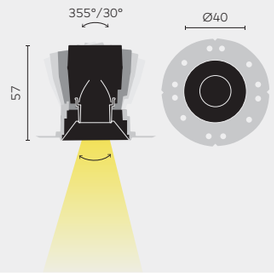


aplis in-line 165 directional, black, shadowgap

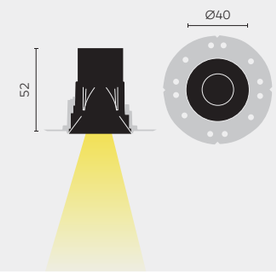
Project Motorparts
Location Sint-Pieters-Leeuw, Belgium
Architect Solé Architecture
Photographer Serge Brison

kreon aplis in-line 40

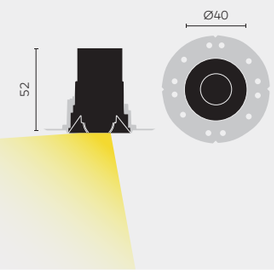
aplis in-line 40 directional



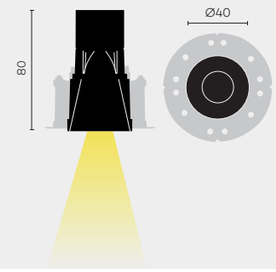
aplis in-line 40 downlight



aplis in-line 40 wallwasher



aplis in-line 40 deep recessed



	Colour	KR-code	Light sources	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** Spot (10°)	**FL** Flood (24°)	**WFL** Wide flood (46°)	**OV** Oval (42° + 12°)	Required accessories ❶	Optional accessories ❶
aplis in-line 40 directional ◔ Ø 63 H 80 **Glare snoot**: incl.		KR**907733**	①	●	●	●	●	●	●	●		■	■
aplis in-line 40 downlight ◔ Ø 63 H 80		KR**907033**	②	●	●	●	●	●	●	●	●	■	■
aplis in-line 40 wallwasher ◔ Ø 63 H 80	○	KR**907331**	③	●	●	●	●					■	■
	●	KR**907332**	③	●	●	●	●					■	■

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI80+	2700K/3000K	2W	700mA	152lm
			3,2W	1050mA	219lm
	CRI90+	2700K/3000K	2W	700mA	121lm
			3,2W	1050mA	143lm
② LED	CRI80+	2700K/3000K	2W	700mA	172lm
			3,2W	1050mA	262lm
	CRI90+	2700K/3000K	2W	700mA	138lm
			3,2W	1050mA	172lm
③ LED	CRI80+	2700K/3000K	2W	700mA	77lm
			3,2W	1050mA	90lm
	CRI90+	2700K/3000K	2W	700mA	47lm
			3,2W	1050mA	71lm

REMARKS
❶ Find accessories on page 290-291.

Thickness boardmaterial: 9-14mm
Gear excluded.
◈ IP40

■ **Required accessories**

Plasterkit	KR**707104**	Plasterkit, no shadowgap
Plasterkit concrete	KR**707101**	Plasterkit for concrete installation
Louvre	KR**707106**	Louvre, white
	KR**707122**	Louvre, black
	KR**707105**	Louvre, gun black
	KR**707103**	Louvre, red satin copper
	KR**707806**	Dropped louvre, white ❷
	KR**707802**	Dropped louvre, black ❷
Louvre IP44 (only for downlight) ❶	KR**707301**	Louvre IP44, white
	KR**707302**	Louvre IP44, black
Deep recessed installation (only for downlight) ❷	KR**707704**	Plasterkit, deep recessed, no shadowgap
	KR**707701**	Plasterkit for concrete installation, deep recessed, no shadowgap
	KR**707706**	Deep recessed louvre, white
	KR**707702**	Deep recessed louvre, black

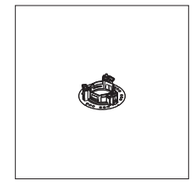
■ **Optional accessories**

Driver	KR**752730**	LED driver, 700mA, ON/OFF, 3W (IP65) ❸
	KR**752733**	LED driver, 700mA, DALI, 10W ❹
	KR**772142**	LED driver, 1050mA, 1-10V, 39W ❹
	KR**772443**	LED driver, 1050mA, DALI, 60W ❹
Distance ring (for plasterkit concrete)	KR**707307**	Distance ring 2mm (set of 5 pcs.)
	KR**707308**	Distance ring 3mm (set of 5 pcs.)
	KR**707309**	Distance ring 5mm (set of 5 pcs.)

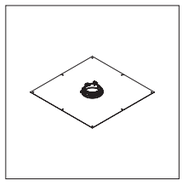
REMARKS
❶ IP44 connection in plenum required.
❷ It's recommended to use a downlight with spot or flood beam.
❸ Driver fits through the installation hole. Other types of dimmable drivers should be placed on remote.
❹ Should be placed on remote.

Thickness boardmaterial:
9-14mm
Gear excluded.
◈ IP40

Plasterkit

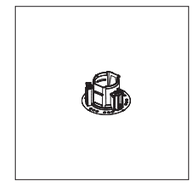


Plasterkit concrete

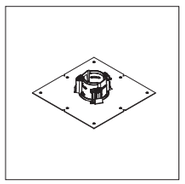


Dropped louvre

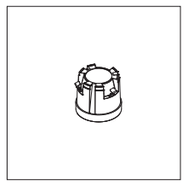
Plasterkit deep recessed



Plasterkit concrete deep recessed

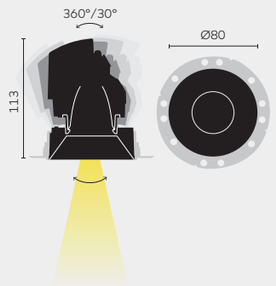


Deep recessed louvre

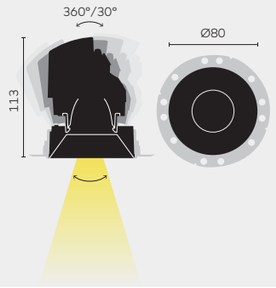


kreon aplis in-line 80 high efficiency

aplis in-line 80 HE spot



aplis in-line 80 HE flood



		KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	SP spot (30°)	FL flood (50°)	Required accessories	Optional accessories
	aplis in-line 80 HE directional spot ◔ Ø 102 **D** 120 ⟐ **Gear:** excl., IP40	KR**917023**	①	●	●	●		■	■
	aplis in-line 80 HE directional flood ◔ Ø 102 **D** 120 ⟐ **Gear:** excl., IP40	KR**917123**	②	●	●		●	■	■

■ **Required accessories**

Plasterkit	KR**717104**	Plasterkit, no shadowgap
	KR**717108**	Plasterkit, shadowgap
Plasterkit concrete	KR**717101**	Plasterkit for concrete installation, no shadowgap (430x430)
	KR**717102**	Plasterkit for concrete installation, no shadowgap, small (200x200)
	KR**717109**	Plasterkit for concrete installation, shadowgap (430x430)
	KR**717107**	Plasterkit for concrete installation, shadowgap, small (200x200)
Louvre	KR**717106**	Louvre, white
	KR**717122**	Louvre, black
	KR**717105**	Louvre, gun black
	KR**717103**	Louvre, red satin copper

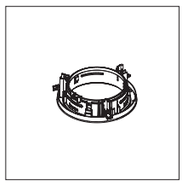
■ **Optional accessories**

Driver for ①	KR**747464**	LED driver, 300mA, 16W, ON/OFF
	KR**747562**	LED driver, 300mA, 15W, 1-10V
	KR**747666**	LED driver, 300mA, 16W, DALI
Driver for ②	KR**747064**	LED driver, 350mA, 18W, ON/OFF
	KR**747162**	LED driver, 350mA, 18W, 1-10V
	KR**747266**	LED driver, 350mA, 15W, DALI
Distance ring (for plasterkit concrete)	KR**717307**	Distance ring 2mm (set of 5 pcs.)
	KR**717308**	Distance ring 3mm (set of 5 pcs.)
	KR**717309**	Distance ring 5mm (set of 5 pcs.)

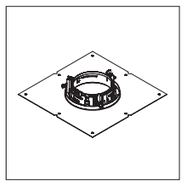
	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI90+	2700K/3000K	9,9W	300mA	736m
② LED	CRI90+	2700K/3000K	12W	350mA	995lm

REMARKS
Thickness boardmaterial:
9-26mm
Gear excluded
IP40

Plasterkit

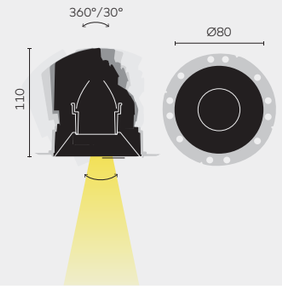


Plasterkit concrete

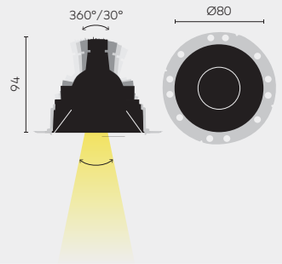


kreon aplis in-line 80

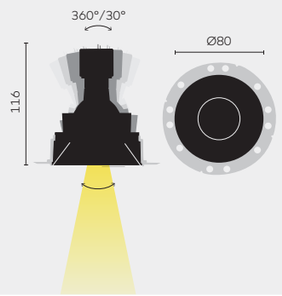
aplis in-line 80 directional LED



aplis in-line 80 directional LED MR16



aplis in-line 80 directional LED PAR16



		KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	**SP** Spot (18°)	**FL** Flood (28°)	**WFL** Wide flood (48°)	Required accessories ❶	Optional accessories ❶
	aplis in-line 80 directional LED ◔ Ø 102 **H** 120 ◈ **Filter holder**: incl., **glare snoot**: incl.	KR**917933**	①	●	●	●	●	●	●	●	●	●	●	●	●	■	■
	aplis in-line 80 directional LED MR16 ◔ Ø 102 **H** 110 ◈ **Filter holder**: incl., **lamp**: excl., **glare snoot**: incl.	KR**917803**	②													■	■
	aplis in-line 80 directional LED PAR16 ◔ Ø 102 **H** 125 ⊡ **Filter holder**: incl., **lamp**: excl. , **glare snoot**: incl.	KR**917843**	③													■	■

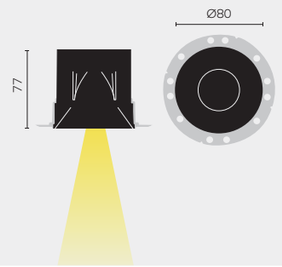
		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI83	2700K/3000K/4000K		15,6W	700mA	686lm
		CRI90	2700K/3000K/4000K		15,6W	700mA	686lm
		CRI98	2700K/3000K/4000K		15,2W	700mA	491m
②	LED MR16			12V	15W		
③	LED PAR16			230V	15W		

REMARKS
❶ Find accessories on page 296-297.

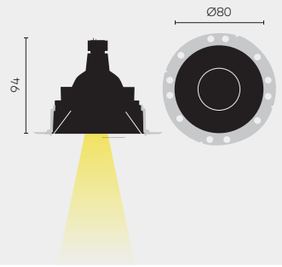
Thickness boardmaterial:
9-26mm
Gear excluded
IP40

kreon aplis in-line 80

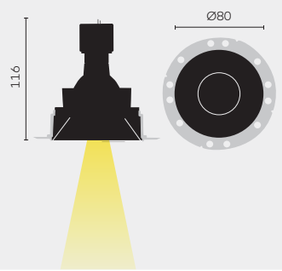
aplis in-line downlight LED



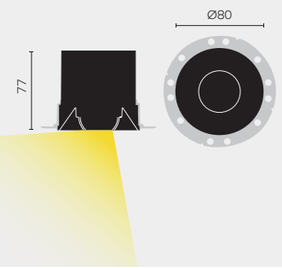
aplis in-line downlight LED MR16



aplis in-line downlight LED PAR16



aplis in-line 80 wallwasher LED



	Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	Required accessories ❶	Optional accessories ❶
aplis in-line 80 downlight LED ◔ Ø 102 **H** 100 ◈ **Wide flood reflector (38°)**: incl.		KR**917033**	①	●	●	●	●	●	●	●	●	●	■	■
aplis in-line 80 downlight LED MR16 ◔ Ø 102 **H** 110 ◈ **Lamp**: excl.		KR**917233**	②										■	■
aplis in-line 80 downlight LED PAR16 ◔ Ø 102 **H** 125 **Lamp**: excl.		KR**917253**	③										■	■
aplis in-line 80 wallwasher LED ◔ Ø 102 **H** 100 ◈ **Wallwash reflector**: incl.	○	KR**917331**	④	●	●	●	●	●	●	●	●	●	■	■
	●	KR**917332**	④	●	●	●	●	●	●	●	●	●	■	■

		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI83	2700K/3000K/4000K		9,5W	700mA	985lm
		CRI90	2700K/3000K/4000K		11,4W	700mA	985lm
		CRI98	2700K/3000K/4000K		9,2W	500mA	731lm
②	LED MR16			12V	15W		
③	LED PAR16			230V	15W		
④	LED	CRI83	2700K/3000K/4000K		9,5W	700mA	509lm
		CRI90	2700K/3000K/4000K		11,4W	700mA	509lm
		CRI98	2700K/3000K/4000K		9,2W	500mA	378lm

REMARKS
❶ Find accessories on page 296-297.

Thickness boardmaterial:
9-26mm
Gear excluded
IP40

■ Required accessories

Plasterkit	KR**717104**	Plasterkit, no shadowgap
	KR**717108**	Plasterkit, shadowgap
Plasterkit concrete	KR**717101**	Plasterkit for concrete installation, no shadowgap (430x430)
	KR**717102**	Plasterkit for concrete installation, no shadowgap, small (200x200)
	KR**717109**	Plasterkit for concrete installation, shadowgap (430x430)
	KR**717107**	Plasterkit for concrete installation, shadowgap, small (200x200)
Louvre	KR**717106**	Louvre, white
	KR**717122**	Louvre, black
	KR**717105**	Louvre, gun black
	KR**717103**	Louvre, red satin copper
	KR**717906**	Dropped louvre, white ❶
	KR**717902**	Dropped louvre, black ❶
Louvre IP44 (only for downlight) ❷	KR**717306**	Louvre IP 44, white
	KR**717302**	Louvre IP 44, black

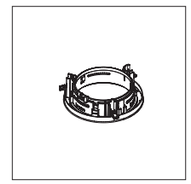
■ Optional accessories

Lenses (only for directional) ❸	KR**704100**	Sculpture lens ❹
	KR**704200**	Diffusing lens
	KR**704800**	Softening lens
	KR**772342**	Anti-glare louvre ❹
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W
	KR**772432**	LED driver, 500mA, phase dim, 15W
	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772430**	LED driver, 700mA, phase dim, 25W
	KR**772431**	LED driver, 700mA, phase dim, 14W
Distance ring (for plasterkit concrete)	KR**717307**	Distance ring 2mm (set of 5 pcs.)
	KR**717308**	Distance ring 3mm (set of 5 pcs.)
	KR**717309**	Distance ring 5mm (set of 5 pcs.)

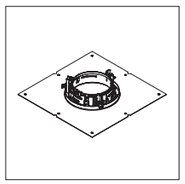
REMARKS
❶ Use only in combination with spot optic.
❷ IP44 connection in plenum required.
❸ Only one optional lens or louvre possible.
❹ It's recommended to use a spot or flood beam.

Thickness boardmaterial:
9-26mm
Gear excluded
IP40

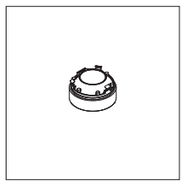
Plasterkit



Plasterkit concrete

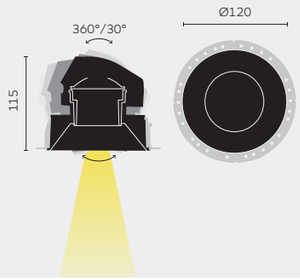


Dropped louvre

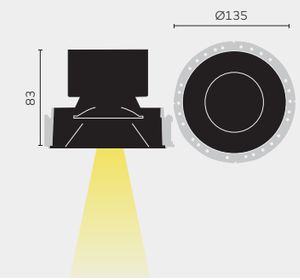


kreon aplis in-line 120

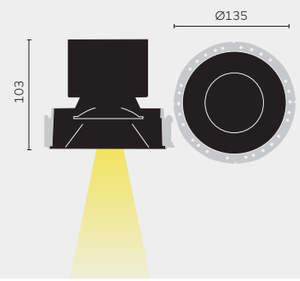
aplis in-line 120 directional



aplis in-line 120 downlight low output



aplis in-line 120 downlight high output



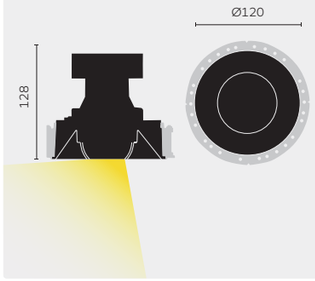
	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	**SP** Spot (12°)	**FL** Flood (28°)	**WFL** Wide flood (34°)	Required accessories ❶	Optional accessories ❶
aplis in-line 120 directional ◔ Ø 144 **H** 140 **Filter holder**: incl., **glare snoot**: incl	KR**907933**	①	●	●	●	●	●	●	●	●	●	●	●	●	■	■
aplis in-line 120 downlight low output ◔ Ø 144 **H** 110 **Filter holder**: incl.	KR**907233**	②	●	●	●	●	●	●	●	●	●	●	●	●	■	■
aplis in-line 120 downlight high output ◔ Ø 144 **H** 130	KR**907243**	③	●	●	●	●	●	●	●	●	●		●	●	■	■

			CRI	CCT	Wattage	Drive current	Fixture lumen
①	LED	**SP**	CRI83	2700K/3000K/4000K	15,6W	700mA	1274lm
			CRI90	2700K/3000K/4000K	15,6W	700mA	800lm
			CRI98	2700K/3000K/4000K	15,2W	700mA	573lm
		FL& WFL	CRI83	2700K/3000K/4000K	15,2W	700mA	1021lm
			CRI90	2700K/3000K/4000K	17,1W	700mA	987lm
			CRI98	2700K/3000K/4000K	12,9W	700mA	691lm
②	LED	**SP**	CRI83	2700K/3000K/4000K	15,6W	700mA	1114lm
			CRI90	2700K/3000K/4000K	15,6W	700mA	1004lm
			CRI98	2700K/3000K/4000K	15,2W	700mA	839lm
		FL& WFL	CRI83	2700K/3000K/4000K	15,2W	700mA	1666lm
			CRI90	2700K/3000K/4000K	17,1W	700mA	1609lm
			CRI98	2700K/3000K/4000K	12,9W	700mA	1127lm
③	LED		CRI83	2700K/3000K/4000K	25,6W	1050mA	2610lm
			CRI90	2700K/3000K/4000K	25,7W	1050mA	2430lm
			CRI98	2700K/3000K/4000K	20W	1050mA	1605lm

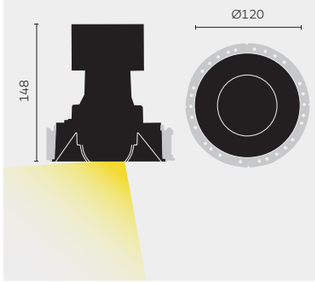
REMARKS
❶ Find accessories on page 302-303.

Thickness boardmaterial: 9-26mm
Gear excluded.
◈ IP40

aplis in-line 120 wallwasher low output



aplis in-line 120 wallwasher high output



	Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	Required accessories ❶	Optional accessories ❶
aplis in-line 120 wallwasher low output ◔ Ø 144 **H** 150 **Wallwash reflector:** incl.	○	KR**907531**	①	●	●	●	●	●	●	●	●	●	■	■
	●	KR**907532**	①	●	●	●	●	●	●	●	●	●	■	■
aplis in-line 120 wallwasher high output ◔ Ø 144 **H** 170 **Wallwash reflector:** incl.	○	KR**907541**	②	●	●	●	●	●	●	●	●	●	■	■
	●	KR**907542**	②	●	●	●	●	●	●	●	●	●	■	■

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K	15,2W	700mA	937lm
	CRI90	2700K/3000K/4000K	17,1W	700mA	906lm
	CRI98	2700K/3000K/4000K	12,9W	700mA	633lm
② LED	CRI83	2700K/3000K/4000K	25,6W	1050mA	1385lm
	CRI90	2700K/3000K/4000K	25,7W	1050mA	1275lm
	CRI98	2700K/3000K/4000K	20W	1050mA	840lm

REMARKS
❶ Find accessories on page 302-303.

Thickness boardmaterial: 9-26mm
Gear excluded.
◈ IP40

■ Required accessories

Plasterkit	KR**707204**	Plasterkit, no shadowgap
	KR**707208**	Plasterkit, shadowgap
Plasterkit concrete	KR**707201**	Plasterkit for concrete installation, no shadowgap
	KR**707209**	Plasterkit for concrete installation, shadowgap
Louvre	KR**707206**	Louvre, white
	KR**707222**	Louvre, black
Louvre IP44 (only for downlight) ❶	KR**707406**	Louvre IP 44, white
	KR**707402**	Louvre IP 44, black

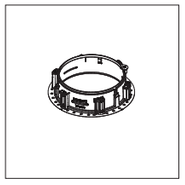
■ Optional accessories

Lenses (only for directional) ❷	KR**750100**	Sculpture lens ❸
	KR**750200**	Diffusing lens
	KR**750800**	Softening lens
Driver	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772430**	LED driver, 700mA, phase dim, 25W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W
Distance ring (for plasterkit concrete)	KR**707407**	Distance ring 2mm (set of 5 pcs.)
	KR**707408**	Distance ring 3mm (set of 5 pcs.)
	KR**707409**	Distance ring 5mm (set of 5 pcs.)

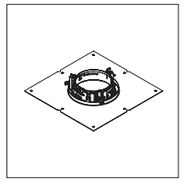
REMARKS
❶ IP 44 connection in plenum required.
❷ Only one optional lens or louvre possible.
❸ Use only in combination with spot optic.

Thickness boardmaterial:
9-26mm
Gear excluded.
◈ IP40

Plasterkit

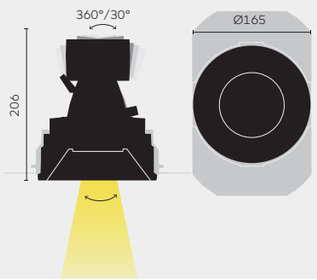


Plasterkit concrete

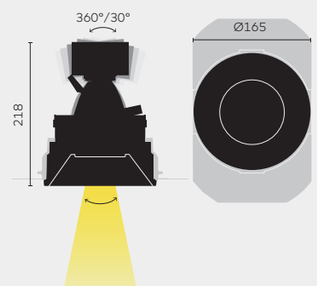


kreon aplis in-line 165

aplis in-line 165 directional low output



aplis in-line 165 directional high output



		KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	Required accessories	Optional accessories
	aplis in-line 165 directional low output ◔ Ø 186 **H** 230 **Filter holder**: incl., **glare snoot**: incl.	KR**917833**	①	●	●	●	●	●	●	●	●	●	■	■
	aplis in-line 165 directional high output ◔ Ø 186 **H** 250 **Filter holder**: incl., **glare snoot**: incl.	KR**917343**	②	●	●	●	●	●	●	●	●	●	■	■

■ Required accessories

Plasterkit	KR**717204**	Plasterkit, no shadowgap
	KR**717208**	Plasterkit, shadowgap
Plasterkit concrete	KR**717201**	Plasterkit for concrete installation, no shadowgap
	KR**717209**	Plasterkit for concrete installation, shadowgap
Louvre	KR**717206**	Louvre, white
	KR**717222**	Louvre, black
Reflector	KR**720032**	Reflector LED, spot 13°
	KR**720034**	Reflector LED, flood 23°
	KR**720036**	Reflector LED, wide flood 40°

■ Optional accessories

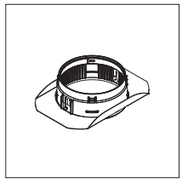
Lenses ❶	KR**720100**	Sculpture lens ❷
	KR**720200**	Diffusing lens
	KR**720800**	Softening lens
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W
	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K	15,2W	700mA	1250lm
	CRI90	2700K/3000K/4000K	16,5W	700mA	1250lm
	CRI98	2700K/3000K/4000K	13,9W	500mA	988lm
② LED	CRI83	2700K/3000K/4000K	25,7W	1050mA	1874lm
	CRI90	2700K/3000K/4000K	25,7W	1050mA	1874lm
	CRI98	2700K/3000K/4000K	20W	1050mA	1249lm

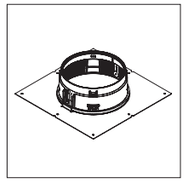
REMARKS
❶ Only one optional lens or louvre possible.
❷ Use only in combination with spot optic.

Thickness boardmaterial:
9-26mm
Gear excluded.
◈ IP40

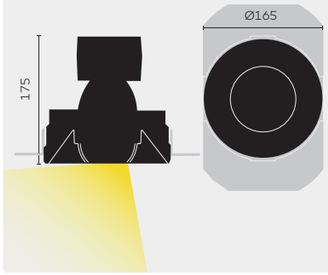
Plasterkit



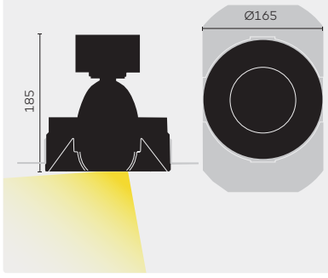
Plasterkit concrete



aplis in-line 165 wallwasher low output



aplis in-line 165 wallwasher high output



		Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	Required accessories	Optional accessories
	aplis in-line 165 wallwasher low output ◔ Ø 186 **H** 200	○	KR**917431**	①	●	●	●	●	●	●	●	●	●	■	■
		●	KR**917432**	①	●	●	●	●	●	●	●	●	●	■	■
	aplis in-line 165 wallwasher high output ◔ Ø 186 **H** 210	○	KR**917441**	②	●	●	●	●	●	●	●	●	●	■	■
		●	KR**917442**	②	●	●	●	●	●	●	●	●	●	■	■

■ Required accessories

Plasterkit	KR**717204**	Plasterkit, no shadowgap
	KR**717208**	Plasterkit, shadowgap
Plasterkit concrete	KR**717201**	Plasterkit for concrete installation, no shadowgap
	KR**717209**	Plasterkit for concrete installation, shadowgap
Louvre	KR**717206**	Louvre, white
	KR**717222**	Louvre, black

■ Optional accessories

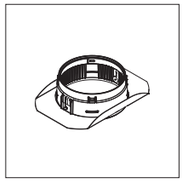
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W
	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K	15,2W	700mA	756lm
	CRI90	2700K/3000K/4000K	16,5W	700mA	756lm
	CRI98	2700K/3000K/4000K	13,9W	500mA	597lm
② LED	CRI83	2700K/3000K/4000K	25,7W	1050mA	1161lm
	CRI90	2700K/3000K/4000K	25,7W	1050mA	1161lm
	CRI98	2700K/3000K/4000K	20W	1050mA	774lm

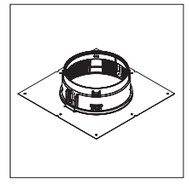
REMARKS

Thickness boardmaterial:
9-26mm
Gear excluded.
◈ IP40

Plasterkit

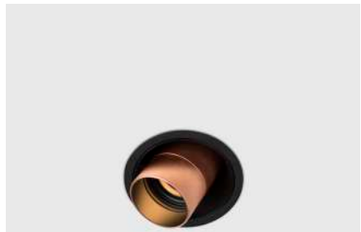


Plasterkit concrete

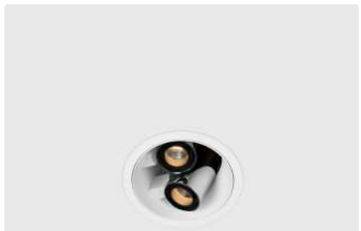


kreon ato

kreon ato provides a truely versatile lighting tool. It is a recessed indoor spotlight family for focused light. With single or double directional lampheads they, meet the needs of accent lighting requirements in residential environments, commercial premises and hospitality projects. kreon ato has a rotational adjustment of 360° and an angular adjustment of 30° which, when combined with the choice of high quality reflectors with facetted spherical smooth surfaces provides a truly versatile accent lighting tool. kreon ato single comes in two beam angles, flood (30°) and wide flood (40°) and can be additionally equipped with professional screening accessories. kreon ato twin has two lampheads with 30° flood optics than can be tilted independently.



ato 80 single, black with copper lamphead and glare preventer

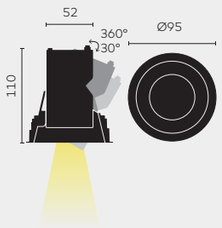


ato 80 twin, white with chrome lampheads

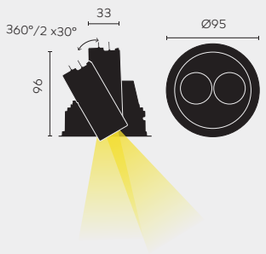
Project Schoeffaerts interior
Location Diepenbeek, Belgium

Architect Schoeffaerts
Photographer Serge Brison

ato 80 single



ato 80 twin



	Colour trim	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**FL** Flood (30°)	**WFL** Wide flood (40°)	**P1** White lamphead	**P2** Black lamphead	**A0** Chrome lamphead	**A5** Red copper lamphead	Optional accessories
ato 80 single Ø 90 **H** min. 110	○	KR**937911**	①	●	●	●	●	●	●	●	●	■
	●	KR**937912**	①	●	●	●	●	●	●	●	●	■
ato 80 twin Ø 90 **H** min. 110	○	KR**937921**	②	●	●	●		●	●	●	●	■
	●	KR**937922**	②	●	●	●		●	●	●	●	■

■ **Optional accessories**

Plasterkit concrete		KR**737702**	Plasterkit for concrete installation
Glare preventer (only for ato 80 single)	○	KR**706721**	Straight glare preventer, white, H30
	●	KR**706722**	Straight glare preventer, black, H30
	◐	KR**706720**	Straight glare preventer, chrome, H30
	◐	KR**706725**	Straight glare preventer, red copper, H30
Lenses ❶		KR**706070**	Anti-glare louvre
		KR**706270**	Diffusing lens
Driver		KR**772034**	LED driver, 700mA, ON/OFF, 20W
		KR**772232**	LED driver, 700mA, 1-10V, 20W
		KR**772236**	LED driver, 700mA, DALI, 18W
		KR**772431**	LED driver, 700mA, phase dim, 14W

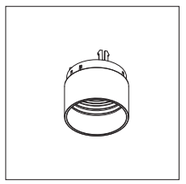
more info about louvres & lenses on page 596

		CRI	CCT	Wattage	Drive current	Fixture lumen
①	LED	CRI90+	2700K/3000K	12W	700mA	1150lm
②	LED	CRI90+	2700K/3000K	2 x 6,7W	700mA	2 x 370lm

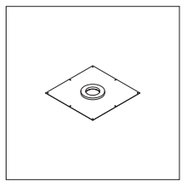
REMARKS
❶ Lenses only in combination with a glare preventer. Max. 2 accessories per glare preventer.

Thickness boardmaterial:
9-26mm
Gear excluded.
◈ IP20

Straight glare preventer



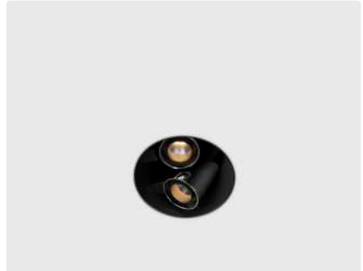
Plasterkit concrete



kreon ato in-line

kreon ato in-line provides a truly versatile lighting tool. It is a trimless recessed indoor spotlight family for focused lighting. With single or double directional lampheads, they meet the needs of accent lighting requirements in residential environments, commercial premises and hospitality projects. kreon ato has a rotational adjustment of 360° and an angular adjustment of 30° which when combined with the choice of high quality reflectors with facetted spherical smooth surfaces provides a truly versatile accent lighting tool. kreon ato single comes in two beam angles, flood (30°) and wide flood (40°) and can be additionally equipped with professional screening accessories. kreon ato twin has two lampheads with 30° flood optics than can be tilted independently.

ato in-line 80 single, white with white lamphead



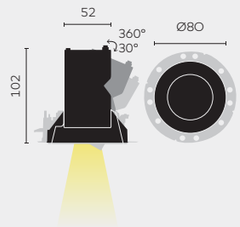
ato in-line 80 twin, black with chrome lampheads

Project Belgium Racing
Location Lommel, Belgium

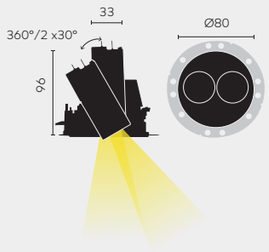
Architect Pas Interieur
Photographer Serge Brison

kreon ato in-line 80

ato in-line 80 single



ato in-line 80 twin



	Colour louvre	KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	FL Flood (30°)	WFL Wide flood (40°)	P1 White lamphead	P2 Black lamphead	A0 Chrome lamphead	A5 Red copper lamphead	Required accessories	Optional accessories
ato in-line 80 single ◔ Ø 102 **H** min. 110	○	KR**917911**	①	●	●	●	●	●	●	●	●	■	■
	●	KR**917912**	①	●	●	●	●	●	●	●	●	■	■
ato in-line 80 twin ◔ Ø 102 **H** min. 110	○	KR**917921**	②	●	●	●		●	●	●	●	■	■
	●	KR**917922**	②	●	●	●		●	●	●	●	■	■

■ Required accessories

Plasterkit	KR**717104**	Plasterkit, no shadowgap, trimless finish	
	KR**717108**	Plasterkit, shadowgap, trimless finish	
Plasterkit concrete	KR**717101**	Plasterkit for concrete installation, no shadowgap (430x430)	
	KR**717102**	Plasterkit for concrete installation, no shadowgap, small (200x200)	
	KR**717109**	Plasterkit for concrete installation, shadowgap (430x430)	
	KR**717107**	Plasterkit for concrete installation, shadowgap, small (200x200)	

■ Optional accessories

Glare preventer (only for ato in-line 80 single)	○	KR**706721**	Straight glare preventer, white, H30
	●	KR**706722**	Straight glare preventer, black, H30
	◍	KR**706720**	Straight glare preventer, chrome, H30
	◍	KR**706725**	Straight glare preventer, red copper, H30
Lenses ❶		KR**706070**	Anti-glare louvre
		KR**706270**	Diffusing lens
Driver		KR**772034**	LED driver, 700mA, ON/OFF, 20W
		KR**772232**	LED driver, 700mA, 1-10V, 20W
		KR**772236**	LED driver, 700mA, DALI, 18W
		KR**772431**	LED driver, 700mA, phase dim, 14W
Distance rings (for plasterkit concrete)		KR**717307**	Distance ring, 2mm (set of 5pcs.)
		KR**717308**	Distance ring, 3mm (set of 5pcs.)
		KR**717309**	Distance ring, 5mm (set of 5pcs.)

more info about louvres & lenses on page 596

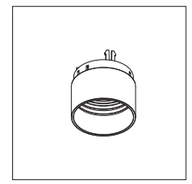
	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI90+	2700K/3000K	12W	700mA	1150lm
② LED	CRI90+	2700K/3000K	2 x 6,7W	700mA	2 x 370lm

REMARKS
❶ Lenses only in combination with a glare preventer. Max. 2 accessories per glare preventer.

Thickness boardmaterial:
9-26mm
Gear excluded.
◈ IP20

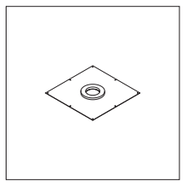
Distance rings

Straight glare preventer



Plasterkit

Plasterkit concrete



kreon cadre

kreon cadre is a range of linear pendant luminaires characterised by its bold symmetric architectural form that can both frame space and interrupt it.

Light is provided by either linear or multiple point LED sources with a choice of colour temperature and dimming protocol providing an optimised solution for applications ranging from desk to dining table.

kreon cadre is available with solid telescopic side supports covered with the finest grain leather, or steel tension cable suspension for maximum flexibility, and is finished with a black or chrome anodic layer. It can be installed as an individual piece or in a continuous run of up to twenty luminaires.

cadre 1200 linear, chrome, black leather

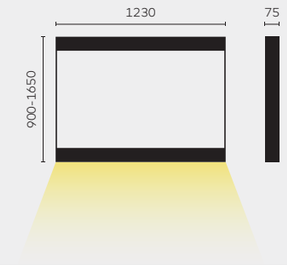
cadre 1200 spot, black anodised, white leather

cadre 1500 spot, black anodised, black leather

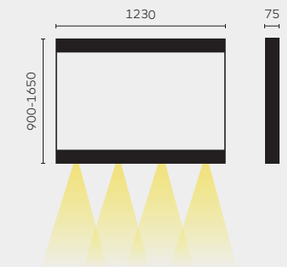
Project Iconno showroom
Location Madrid, Spain

Architect Iconno
Photographer Silvia Paredes

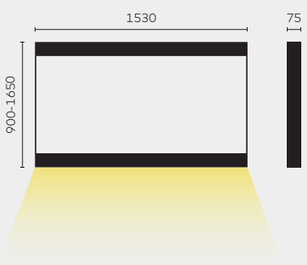
cadre 1200 linear



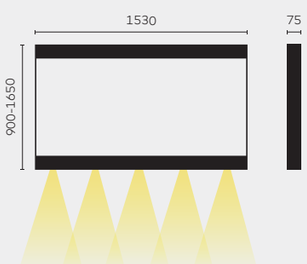
cadre 1200 spot



cadre 1500 linear



cadre 1500 spot



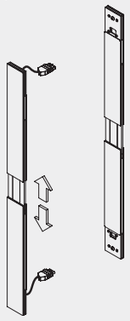
	Colour ❶	KR-code	Light sources	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**VD** 1-10 V dimming	**DD** DALI dimming	Required accessories ❷
cadre 1200 linear 230V	●	KR**963662**	①	●	●	●	●	■
	◒	KR**963660**	①	●	●	●	●	■
cadre 1200 spot 230V	●	KR**963682**	②	●	●	●	●	■
	◒	KR**963680**	②	●	●	●	●	■
cadre 1500 linear 230V	●	KR**963672**	③	●	●	●	●	■
	◒	KR**963670**	③	●	●	●	●	■
cadre 1500 spot 230V	●	KR**963692**	④	●	●	●	●	■
	◒	KR**963690**	④	●	●	●	●	■

		CRI	CCT	Voltage	Wattage	Fixture lumen
①	LED	CRI90+	3000K	230V	38,1W	2670lm
②	LED	CRI90+	2700K/3000K	230V	4 x 6,5W	1294lm
③	LED	CRI90+	3000K	230V	47,7W	3011lm
④	LED	CRI90+	2700K/3000K	230V	5 x 6,5W	1505lm

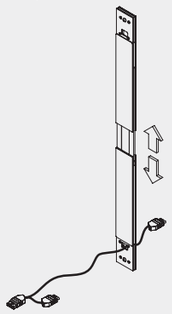
REMARKS
❶ kreon cadre is available in two different colours:
● Black anodised
◒ Chrome
❷ Find the accessories for kreon cadre on page 320-321.

Gear: included
IP40

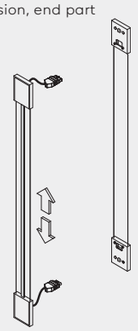
Telescopic suspension, end part



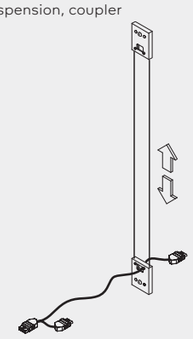
Telescopic suspension, coupler



Cable suspension, end part



Cable suspension, coupler



■ Required accessories

Leather telescopic suspension, black anodised (for KR9636x2)			
Pendant height 900-1200mm	End part	○	KR**763721**
		●	KR**763722**
	Coupler	○	KR**763321**
		●	KR**763322**
Pendant height 1200-1650mm	End part	○	KR**763821**
		●	KR**763822**
	Coupler	○	KR**763421**
		●	KR**763422**
Leather telescopic suspension, chrome (for KR9636x0)			
Pendant height 900-1200mm	End part	○	KR**763701**
		●	KR**763702**
	Coupler	○	KR**763301**
		●	KR**763302**
Pendant height 1200-1650mm	End part	○	KR**763801**
		●	KR**763802**
	Coupler	○	KR**763401**
		●	KR**763402**
Cable suspension	End part		KR**763102**
Max. pendant height: 2500mm	Coupler		KR**763002**

kreon cana

kreon cana is a minimal architectural lighting channel that can be equipped with a wide range of LED luminaires. When recessed, kreon cana in white gives depth to ceiling planes, whilst kreon cana in black provides a visible separation. When surface or pendant mounted, kreon cana provides an architectural beam for lighting integration.

kreon cana is offered in three widths and can accommodate kreon holon circular or kreon prologe square semi-recessed spotlights and kreon holon surface spotlights, in addition to kreon ligna continuous lines of light. The wide choice of luminaires can be mixed and arranged to suit the spatial demands and present illumination where it is required.

holon 40 directional in-cana

ligna 40 in-cana

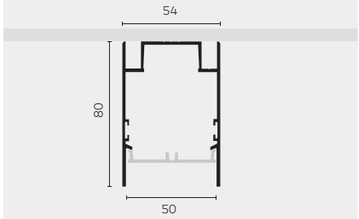
prologe 80 single in-cana

holon 120 twin in-cana

Project Liv In
Location Visé, Belgium

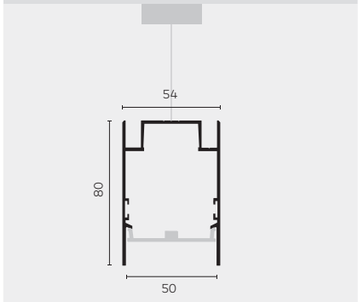
Architect Luc Spits
Photographer Kenny Solas

cana 40 profile - surface mounted

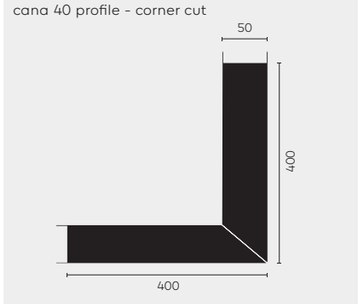


cana 40 profile - recessed mounted

cana 40 profile - pendant mounted



cana 40 profile - corner cut



	Colour	KR-code	Optional accessories
cana 40 profile ❶	○	KR**755201**	■
	●	KR**755202**	■

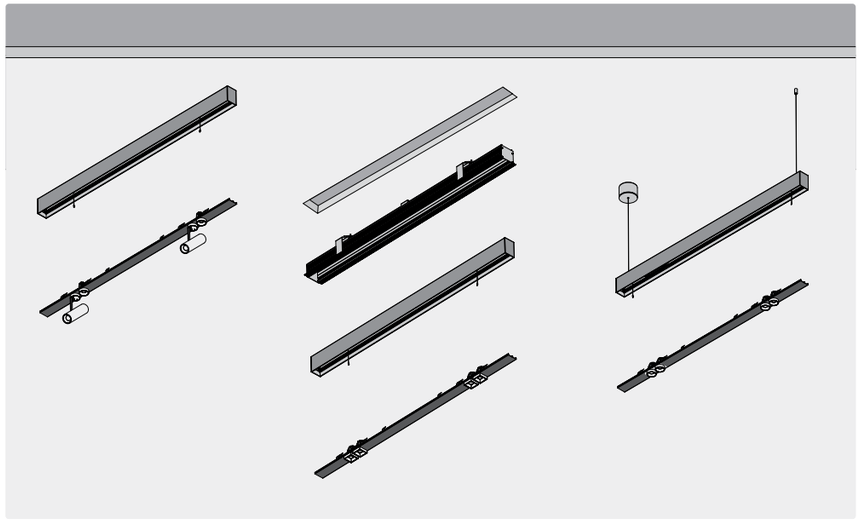
■ **Optional accessories**

Plasterkit for recessed mounting ❷		KR**705000**	Trimless plasterkit profile ◔ **LxW** Lx75 **H** 115
Suspension kit for pendant mounting ❸		KR**705200**	Suspension kit
		KR**705202**	Additional suspension
Corner cut ❹	○	KR**705501**	cana 40 corner cut 90°, white
	●	KR**705502**	cana 40 corner cut 90°, black
		KR**705560**	Trimless plasterkit corner cut 90°

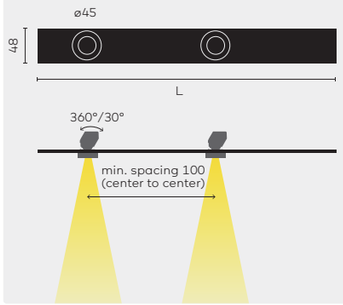
REMARKS
❶ Maximum length of a single run profile: 5900mm. Shipping length depends on transport possibilities.
❷ Profile should be finished with polyester gypsum. Max. thickness boardmaterial: 26mm.
❸ Pendant height is max. 2,5m. Suspension kit is suitable for 2m of pendant profile. Every extra 2 meter requires an additional steel suspension.
❹ No luminaires can be placed in the corner cut.

The profile is supplied pre-assembled. The coverplates on the inside of the profile are always black.
IP40

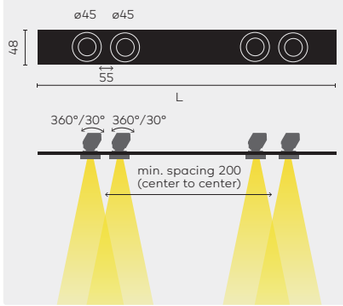
Surface mounting | Recessed mounting | Pendant mounting



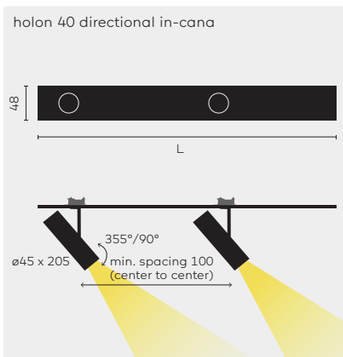
holon 40 single in-cana



holon 40 twin in-cana



holon 40 directional in-cana



		Colour ❶	KR-code	Light sources	8027 2700K, CRI80+	8030 3000K, CRI80+	9027 2700K, CRI90+	9030 3000K, CRI90+	SP Spot (10°)	FL Flood (24°)	WFL Wide flood (46°)	SP Spot (20°)	FL Flood (30°)	WFL Wide flood (40°)	EX Driver excluded ❸	SW Switchable ON/OFF ❹	VD 1-10V dimming ❹	DD DALI dimming ❹	PD Phase dimming ❹	Optional accessories
holon 40 single in-cana **Min. module spacing**: 100 ❷		○	KR**934001**	①	●	●	●	●	●	●	●				●	●	●	●	●	■
		●	KR**934002**	①	●	●	●	●	●	●	●				●	●	●	●	●	■
holon 40 twin in-cana **Min. module spacing**: 200 ❷		○	KR**934501**	②	●	●	●	●	●	●	●				●	●	●	●	●	■
		●	KR**934502**	②	●	●	●	●	●	●	●				●	●	●	●	●	■
holon 40 directional in-cana **Min. module spacing**: 100 ❷		○	KR**934301**	③	●	●	●	●				●	●	●	●	●	●	●	●	■
		●	KR**934302**	③	●	●	●	●				●	●	●	●	●	●	●	●	■

■ **Optional accessories**

Lenses holon 40 directional in-cana	KR**762000**	Anti-glare louvre
	KR**762200**	Diffusing lens
	KR**762100**	Sculpture lens
Driver	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772050**	LED driver, 700mA, ON/OFF, 50W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772332**	LED driver, 700mA, 1-10V, 60W
	KR**772134**	LED driver, 700mA, DALI, 20W
	KR**772333**	LED driver, 700mA, DALI, 60W

more info about louvres & lenses on page 596

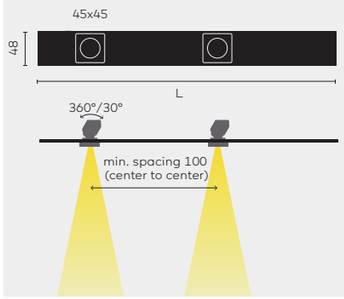
	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI80+	2700K/3000K	2W	700mA	152lm
	CRI90+	2700K/3000K	2W	700mA	121lm
② LED	CRI80+	2700K/3000K	2 x 2W	700mA	304lm
	CRI90+	2700K/3000K	2 x 2W	700mA	243lm
③ LED	CRI80+	2700K/3000K	8,4W	700mA	721lm
	CRI90+	2700K/3000K	8,4W	700mA	558lm

REMARKS
❶ The coverplates on the inside of the profile are always black.
❷ The minimum module spacing is the minimum center distance to the next in-cana 40 module.
❸ Use constant current LED driver on remote. One circuit may not exceed a forward voltage of 48VDC to keep the profile class 3. Max. 2 circuits.
❹ LED drivers are integrated in the profile. Class 1 profile, input voltage is 230V. Max. 2 circuits.

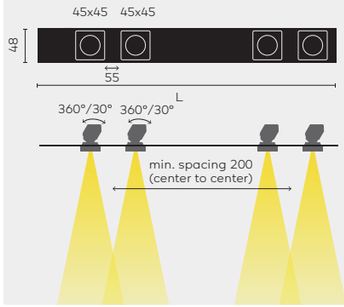
The luminaire modules are supplied pre-assembled in the profile. Combinations can be specified on order form. Consult your kreon sales representative or one of the kreon offices.
IP 40

kreon cana 40

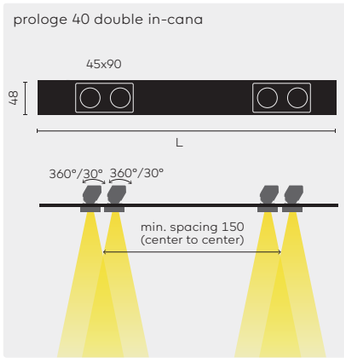
prologe 40 single in-cana



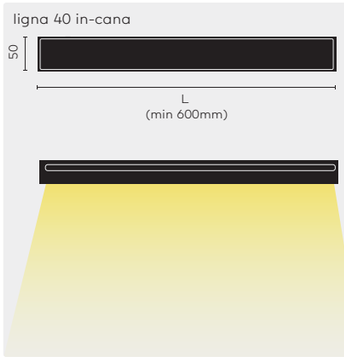
prologe 40 twin in-cana



prologe 40 double in-cana



ligna 40 in-cana



	Colour ❶	KR-code	Light sources	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**8527** 2700K, CRI85+	**8530** 3000K, CRI85+	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** Spot (10°)	**FL** Flood (24°)	**WFL** Wide flood (46°)	**EX** Driver excluded ❸	**SW** Switchable ON/OFF ❹	**VD** 1-10V dimming ❹	**DD** DALI dimming ❹	**PD** Phase dimming ❹	Optional accessories
prologe 40 single in-cana **Min. module spacing**: 100 ❷	○	KR**934051**	①	●	●			●	●	●	●	●	●	●	●	●	●	■
	●	KR**934052**	①	●	●			●	●	●	●	●	●	●	●	●	●	■
prologe 40 twin in-cana **Min. module spacing**: 200 ❷	○	KR**934551**	②	●	●			●	●	●	●	●	●	●	●	●	●	■
	●	KR**934552**	②	●	●			●	●	●	●	●	●	●	●	●	●	■
prologe 40 double in-cana **Min. module spacing**: 150 ❷	○	KR**934751**	②	●	●			●	●	●	●	●	●	●	●	●	●	■
	●	KR**934752**	②	●	●			●	●	●	●	●	●	●	●	●	●	■
ligna 40 in-cana High efficiency		KR**934900**	③			●	●						●	●	●	●		■
ligna 40 in-cana High output		KR**934902**	④			●	●						●	●	●	●		■

■ **Optional accessories**

Driver (for fixtures with driver excluded)	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772050**	LED driver, 700mA, ON/OFF, 50W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772332**	LED driver, 700mA, 1-10V, 60W
	KR**772134**	LED driver, 700mA, DALI, 20W
	KR**772133**	LED driver, 700mA, DALI, 30W
	KR**772333**	LED driver, 700mA, DALI, 60W
	KR**774006**	DALI/DMX controller for ligna 40 in-cana ❺
	KR**774106**	1-10V controller for ligna 40 in-cana
	KR**490373**	LED power supply 24VDC, 30W
	KR**490374**	LED power supply 24VDC, 60W
	KR**490375**	LED power supply 24VDC, 100W
	KR**490376**	LED power supply 24VDC, 150W

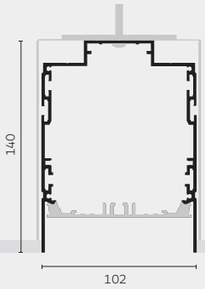
	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI80+	2700K / 3000K	2W	700mA	152lm
	CRI90+	2700K / 3000K	2W	700mA	121lm
② LED	CRI80+	2700K / 3000K	2 x 2W	700mA	304lm
	CRI90+	2700K / 3000K	2 x 2W	700mA	243lm
③ LED	CRI85+	2700K / 3000K	11,6W/m	24Vdc	921lm/m
④ LED	CRI85+	2700K / 3000K	19,2W/m	24Vdc	1417lm/m

REMARKS

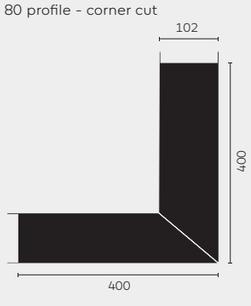
❶ The coverplates on the inside of the profile are always black.
❷ The minimum module spacing is the minimum center distance to the next in-cana 40 module.
❸ Use constant current LED driver on remote. One circuit may not exceed a forward voltage of 48VDC to keep the profile class 3. Max. 2 circuits.
❹ LED drivers are integrated in the profile. Class 1 profile, input voltage is 230V. Max. 1 circuit.
❺ needs a power supply of 12-48VDC

The luminaire modules are supplied pre-assembled in the profile. Combinations can be specified on order form. Consult your kreon sales representative or one of the kreon offices.
IP 40

cana 80 profile - recessed mounted



cana 80 profile - corner cut



		Colour	KR-code	Required accessories	Optional accessories
	cana 80 profile **Input voltage**: 230V, **nr. of circuits**: 3	○	KR**775201**	■	■
		●	KR**775202**	■	■

■ Required accessories

Plasterkit ❷	KR**705010**	Trimless plasterkit profile ◔ **LxW** Lx125 H 185

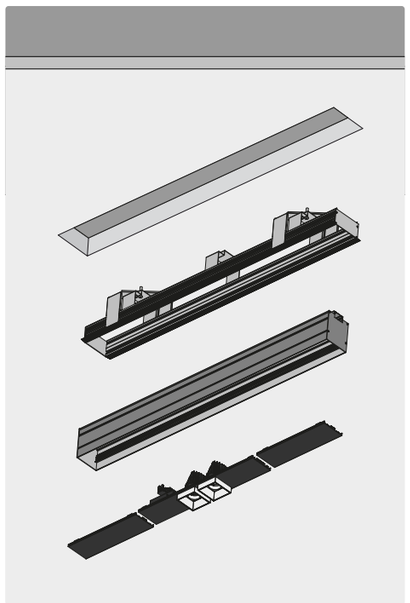
■ Optional accessories

Corner cut ❸	KR**705511**	cana 80 corner cut 90°, white
	KR**705512**	cana 80 corner cut 90°, black
	KR**705610**	Trimless plasterkit corner cut 90°

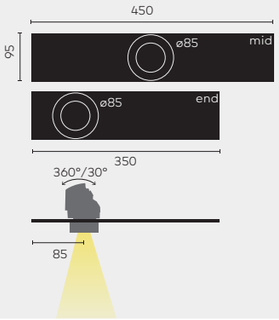
REMARKS
❶ Maximum length of a single run profile: 5900mm. Shipping length depends on transport possibilities.
❷ Profile should be finished with polyester gypsum. Max. thickness boardmaterial: 26mm.
❸ No luminaire can be placed in the corner cut.

The profile is supplied pre-assembled. The coverplates on the inside of the profile are always black.
IP40

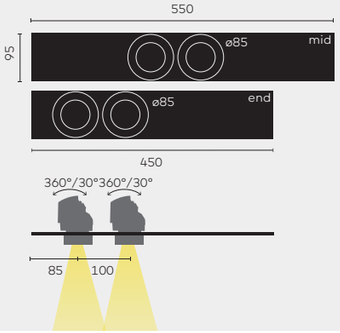
cana 80



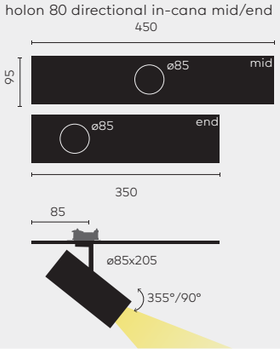
holon 80 single in-cana mid/end



holon 80 twin in-cana mid/end



holon 80 directional in-cana mid/end



		Colour ❶	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	SP Spot (14°)	SP Spot (17°)	FL Flood (27°)	FL Flood (30°)	WFL Wide flood (38°)	SW Switchable ON/OFF	VD 1-10V dimming	DD DALI dimming	Optional accessories
	holon 80 single in-cana mid	○	KR**934011**	①	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●	■
		●	KR**934012**	①	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●	■
	holon 80 single in-cana end	○	KR**934111**	①	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●	■
		●	KR**934112**	①	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●	■
	holon 80 twin in-cana mid	○	KR**934511**	②	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●	■
		●	KR**934512**	②	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●	■
	holon 80 twin in-cana end	○	KR**934611**	②	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●	■
		●	KR**934612**	②	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●	■
	holon 80 directional in-cana mid	○	KR**934311**	③	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	■
		●	KR**934312**	③	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	■
	holon 80 directional in-cana end	○	KR**934411**	③	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	■
		●	KR**934412**	③	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	■

■ Optional accessories

Lenses holon 80 single & holon 80 twin in-cana ❷ (for twin, order twice)	KR**704100**	Sculpture lens ❸
	KR**704200**	Diffusing lens
	KR**704800**	Softening lens
	KR**772342**	Anti-glare louvre ❸
Lenses holon 80 directional in-cana ❷	KR**726100**	Sculpture lens ❸
	KR**726200**	Diffusing lens
	KR**762002**	Anti-glare louvre

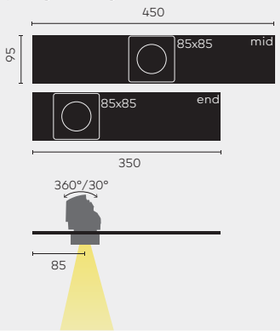
more info about louvres & lenses on page 596

		CRI	CCT	Voltage	Wattage	Fixture lumen
① LED		CRI83	2700K/3000K/4000K	230V	10,9W	509lm
		CRI90	2700K/3000K/4000K	230V	10,9W	509lm
		CRI98	2700K/3000K/4000K	230V	10,6W	369lm
② LED		CRI83	2700K/3000K/4000K	230V	2 x 10,9W	1018lm
		CRI90	2700K/3000K/4000K	230V	2 x 10,9W	1018lm
		CRI98	2700K/3000K/4000K	230V	2 x 10,6W	738lm
③ LED	**SP**	CRI83	2700K/3000K/4000K	230V	30,2W	1641lm
		CRI90	2700K/3000K/4000K	230V	30,2W	1641lm
		CRI98	2700K/3000K/4000K	230V	29,5W	1280lm
	FL & WFL	CRI83	2700K/3000K/4000K	230V	25,7W	2415lm
		CRI90	2700K/3000K/4000K	230V	25,7W	2415lm
		CRI98	2700K/3000K/4000K	230V	20W	1610lm

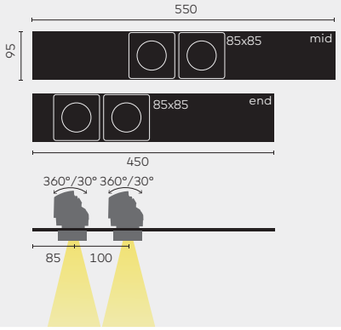
REMARKS
❶ The coverplates on the inside of the profile are always black.
❷ Only one optional lens or louvre possible.
❸ Use only in combination with spot optic.

Combinations can be specified on order form. Consult your kreon sales representative or one of the kreon offices.
Gear included.
IP40

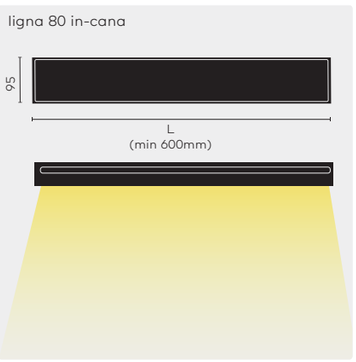
prologe 80 single in-cana mid/end



prologe 80 twin in-cana mid/end



ligna 80 in-cana



		Colour ❶	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**9040** 4000K, CRI90+	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	**SP** Spot (17°)	**FL** Flood (27°)	**WFL** Wide flood (38°)	**SW** Switchable ON/OFF	**VD** 1-10V dimming	**DD** DALI dimming	Optional accessories
	prologe 80 single in-cana mid	○	KR**934061**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
		●	KR**934062**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
	prologe 80 single in-cana end	○	KR**934161**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
		●	KR**934162**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
	prologe 80 twin in-cana mid	○	KR**934561**	②	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
		●	KR**934562**	②	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
	prologe 80 twin in-cana end	○	KR**934661**	②	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
		●	KR**934662**	②	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
	ligna 80 in-cana High output **L=** n x 70mm x 95mm		KR**934910**	③				●	●	●							●	●	●	

■ **Optional accessories**

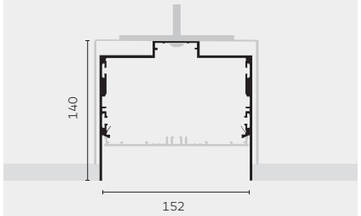
Lenses ❷ (for twin, order twice)	KR**704100**	Sculpture lens ❸	
	KR**704200**	Diffusing lens	
	KR**772342**	Anti-glare louvre ❸	more info about louvres & lenses on page 596

	CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K	230V	10,9W		509lm
	CRI90	2700K/3000K/4000K	230V	10,9W		509lm
	CRI98	2700K/3000K/4000K	230V	10,9W		369lm
② LED	CRI83	2700K/3000K/4000K	230V	2 x 10,9W		1018lm
	CRI90	2700K/3000K/4000K	230V	2 x 10,9W		1018lm
	CRI98	2700K/3000K/4000K	230V	2 x 10,9W		738lm
③ LED	CRI90+	2700K/3000K/4000K		40,7W/m	450mA	3130lm/m

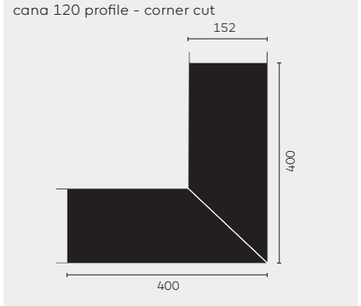
REMARKS
❶ The coverplates on the inside of the profile are always black.
❷ Only one optional lens or louvre possible.
❸ Use only in combination with spot optic.

Combinations can be specified on order form.
Gear included.
IP40

cana 120 profile - recessed mounted



cana 120 profile - corner cut



	Colour	KR-code	Required accessories	Optional accessories
cana 120 profile **Input voltage**: 230V, **nr. of circuits**: 3	○	KR**795201**	■	■
	●	KR**795202**	■	■

■ Required accessories

Plasterkit ❷	KR**705020**	Trimless plasterkit profile ◔ **LxW** Lx180 **H** 190

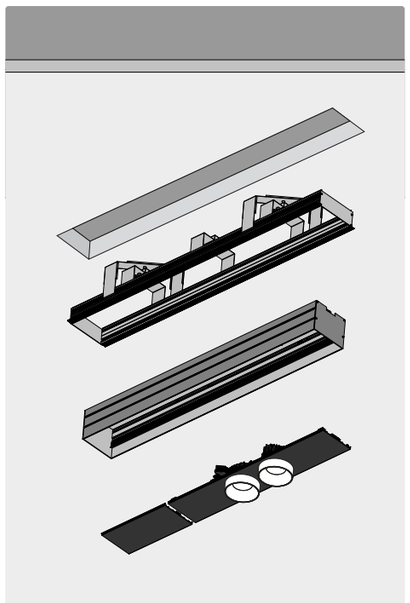
■ Optional accessories

Corner cut ❸	KR**705521**	cana 120 corner cut 90°, white
	KR**705522**	cana 120 corner cut 90°, black
	KR**705620**	Trimless plasterkit corner cut 90°

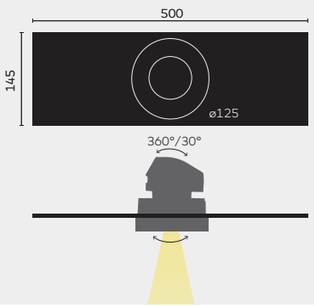
REMARKS
❶ Maximum length of a single run profile: 5900mm. Shipping length depends on transport possibilities.
❷ Profile should be finished with polyester gypsum. Max. thickness boardmaterial: 26mm.
❸ No luminaire can be placed in the corner cut.

The profile is supplied pre-assembled. The coverplates on the inside of the profile are always black.
IP 40

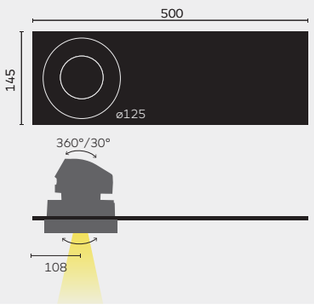
cana 120



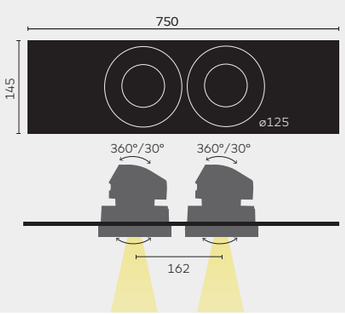
holon 120 single in-cana mid



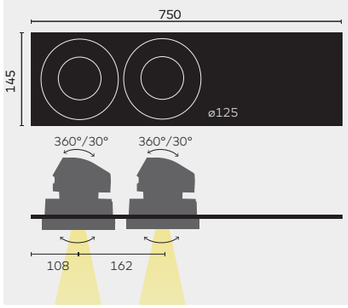
holon 120 single in-cana end



holon 120 twin in-cana mid



holon 120 twin in-cana end



	Colour ❶	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**9040** 4000K, CRI90+	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	**SP** Spot (12°)	**FL** Flood (24°)	**WFL** Wide flood (38°)	**SW** Switchable ON/OFF	**VD** 1-10V dimming	**DD** DALI dimming	Optional accessories
holon 120 single in-cana mid	○	KR**934021**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
	●	KR**934022**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
holon 120 single in-cana end	○	KR**934121**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
	●	KR**934122**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
holon 120 twin in-cana mid	○	KR**934521**	②	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
	●	KR**934522**	②	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
holon 120 twin in-cana end	○	KR**934621**	②	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
	●	KR**934622**	②	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■

■ **Optional accessories**

Lenses (for twin, order twice)	KR**750100**	Sculpture lens ❷
	KR**750200**	Diffusing lens
	KR**750800**	Softening lens

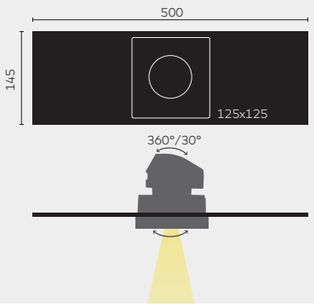
more info about louvres & lenses on page 596

		CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	**SP**	CRI83	2700K/3000K/4000K	230V	15,6W	793lm
		CRI90	2700K/3000K/4000K	230V	15,6W	793lm
		CRI98	2700K/3000K/4000K	230V	15,6W	567lm
	FL & WFL	CRI83	2700K/3000K/4000K	230V	15,2W	1075lm
		CRI90	2700K/3000K/4000K	230V	17,1W	1075lm
		CRI98	2700K/3000K/4000K	230V	12,9W	753lm
② LED	**SP**	CRI83	2700K/3000K/4000K	230V	2 x 15,6W	1585lm
		CRI90	2700K/3000K/4000K	230V	2 x 15,6W	1585lm
		CRI98	2700K/3000K/4000K	230V	2 x 15,6W	1134lm
	FL & WFL	CRI83	2700K/3000K/4000K	230V	2 x 15,2W	2150lm
		CRI90	2700K/3000K/4000K	230V	2 x 17,1W	2150lm
		CRI98	2700K/3000K/4000K	230V	2 x 12,9W	1505lm

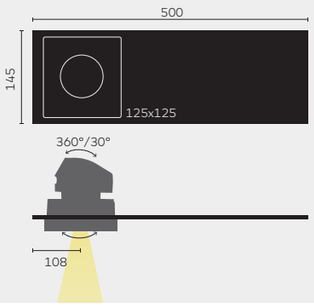
REMARKS
❶ The coverplates on the inside of the profile are always black.
❷ Use only in combination with spot optic.

Combinations can be specified on order form Consult your kreon sales representative or one of the kreon offices.
Gear included.
IP40

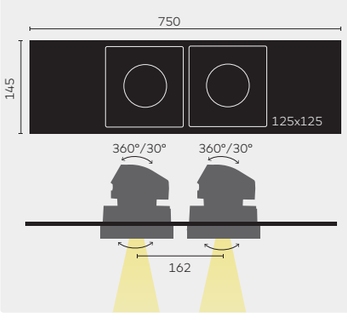
prologe 120 single in-cana mid



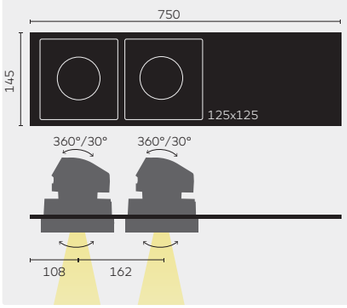
prologe 120 single in-cana end

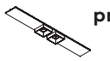


prologe 120 twin in-cana mid



prologe 120 twin in-cana end



		Colour ❶	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**9040** 4000K, CRI90+	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	**SP** Spot (12°)	**FL** Flood (24°)	**WFL** Wide flood (38°)	**SW** Switchable ON/OFF	**VD** 1-10V dimming	**DD** DALI dimming	Optional accessories
	prologe 120 single in-cana mid	○	KR**934071**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
		●	KR**934072**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
	prologe 120 single in-cana end	○	KR**934171**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
		●	KR**934172**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
	**prologe 120 twin in-cana mid**	○	KR**934571**	②	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
		●	KR**934572**	②	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
	prologe 120 twin in-cana end	○	KR**934671**	②	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
		●	KR**934672**	②	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■

■ **Optional accessories**

Lenses (for twin, order twice)	KR**750100**	Sculpture lens ❷
	KR**750200**	Diffusing lens
	KR**750800**	Softening lens

more info about louvres & lenses on page 596

			CRI	CCT	Voltage	Wattage	Fixture lumen
①	LED	**SP**	CRI83	2700K/3000K/4000K	230V	15,6W	812lm
			CRI90	2700K/3000K/4000K	230V	15,6W	812lm
			CRI98	2700K/3000K/4000K	230V	15,6W	581lm
		FL & WFL	CRI83	2700K/3000K/4000K	230V	15,2W	1067lm
			CRI90	2700K/3000K/4000K	230V	17,1W	1067lm
			CRI98	2700K/3000K/4000K	230V	12,9W	747lm
②	LED	**SP**	CRI83	2700K/3000K/4000K	230V	2 x 15,6W	1623lm
			CRI90	2700K/3000K/4000K	230V	2 x 15,6W	1623lm
			CRI98	2700K/3000K/4000K	230V	2 x 15,6W	1161lm
		FL & WFL	CRI83	2700K/3000K/4000K	230V	2 x 15,2W	2134lm
			CRI90	2700K/3000K/4000K	230V	2 x 17,1W	2134lm
			CRI98	2700K/3000K/4000K	230V	2 x 12,9W	1494lm

REMARKS
❶ The coverplates on the inside of the profile are always black.
❷ Use only in combination with spot optic.

Combinations can be specified on order form Consult your kreon sales representative or one of the kreon offices.
Gear included.
IP40

kreon classic

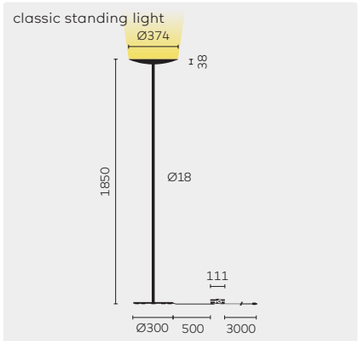
kreon classic lives up to its name as a classic among standard lamps. The use of a highperformance LED light with more than 8,400 lumen provides an enormous amount of indirect light. Light is distributed over an extremely wide area so that even large spaces can easily be illuminated. The only frugal feature is its energy consumption: with only 80 watts kreon classic is highly efficient.

Project Private residence **Location** Switzerland

classic, black

Project Private residence

Location Switzerland



		Colour	Light sources	KR-code	**8027** 2700K, CRI80	**8030** 3000K, CRI80	**TD** Dimmable, cable integrated
I	**classic standing light**	●	①	KR**944102**	●	●	●

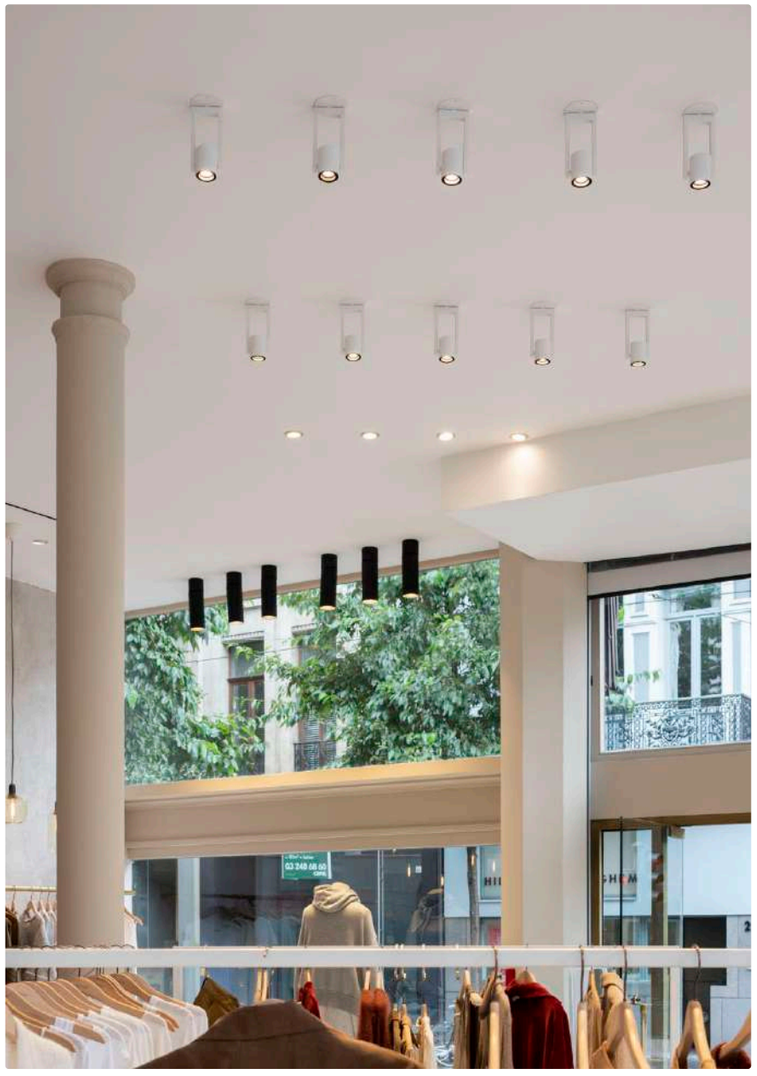
	CRI	CCT	Wattage	Fixture lumen
① LED	CRI>80	2700K/3000K	75W	8450lm

REMARKS
Features a cable-integrated converter. The base is supplied with a europlug. Other plugs available on request.

IP 20

kreon diapason

kreon diapason is a range of spotlights equipped with state-of-the-art LED sources and lensed reflectors to provide maximum light control within a compact body form. kreon diapason is offered in three sizes with a choice of black, white or copper finish options. Light control is facilitated by a selection of lens optics, colour temperatures, and choice of colour rendering indexes, along with the option to add cylindrical glare preventers for maximum light restraint. kreon diapason can be recess mounted individually within a discreet trimless plasterkit, M10 thread fixed, surface mounted on a gear box accessory or magnetically fixed on a 48V track system.



diapason 40 recessed mounted, white

diapason 80 M10
with rounded glare preventer, white

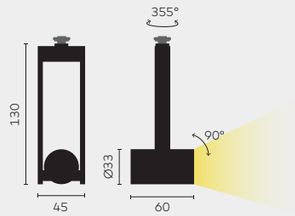
diapason 120 on-track, black

Project American Vintage
Location Antwerp, Belgium

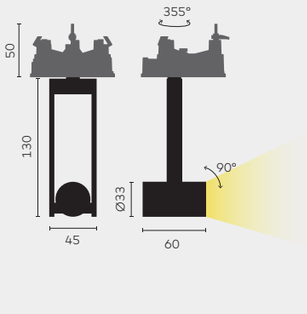
Architect Pure Inspiration
Photographer Arne Jennard

kreon diapason 40

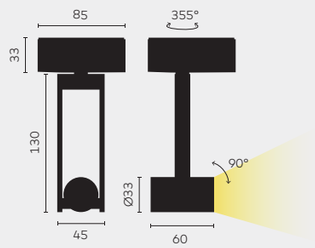
diapason 40 M10



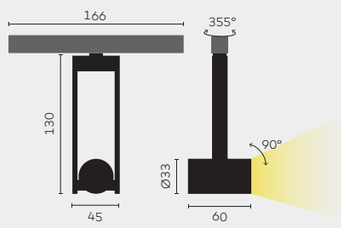
diapason 40 base



diapason 40 surface mounted



diapason 40 on-track



		Colour	KR-code	Light sources	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** Spot (10°)	**FL** Flood (24°)	**WFL** Wide flood (46°)	**SW** Switchable ON/OFF	**VD** 1-10V dimming ❷	**DD** DALI dimming	Required accessories	Optional accessories
	diapason 40 M10	○	KR**906601**	①	●	●	●	●	●	●	●					■
		●	KR**906602**	①	●	●	●	●	●	●	●					■
	diapason 40 recessed mounted	○	KR**906611**	①	●	●	●	●	●	●	●				■	■
		●	KR**906612**	①	●	●	●	●	●	●	●				■	■
	diapason 40 surface mounted	○	KR**906651**	①	●	●	●	●	●	●	●					■
		●	KR**906652**	①	●	●	●	●	●	●	●					■
	diapason 40 on-track ❶	○	KR**906621**	②	●	●	●	●	●	●	●	●	●	●		■
		●	KR**906622**	②	●	●	●	●	●	●	●	●	●	●		■

■ **Required accessories**

Plasterkit for diapason 40 recessed mounted	KR**717104**	Plasterkit, no shadowgap, trimless finishing ◔ Ø 102
	KR**717108**	Plasterkit, with shadowgap, trimless finishing ◔ Ø 102
	○ KR**717021**	Installation kit with trim, white ◔ Ø 90 **H** 70
	● KR**717022**	Installation kit with trim, black ◔ Ø 90 **H** 70
Plasterkit concrete	KR**717101**	Plasterkit for concrete installation, no shadowgap
	KR**717109**	Plasterkit for concrete installation, shadowgap

■ **Optional accessories**

Driver	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772443**	LED driver, 1050mA, DALI, 60W
Low voltage track	See page 638	

		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI80+	2700K/3000K		3,2W	1050mA	258lm
		CRI90+	2700K/3000K		3,2W	1050mA	237lm
②	LED	CRI80+	2700K/3000K	48V	4,5W		141lm
		CRI90+	2700K/3000K	48V	4,5W		109lm

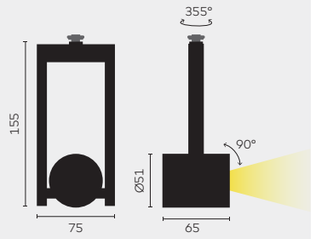
REMARKS
❶ Use in combination with a 48V low voltage track system (see page 638).
❷ Recommended to use in combination with active 1-10V dimming. It is recommended not to use 1-10V dim fixtures having no 1-10V signal connected to the track.

Gear excluded.
◈ IP40

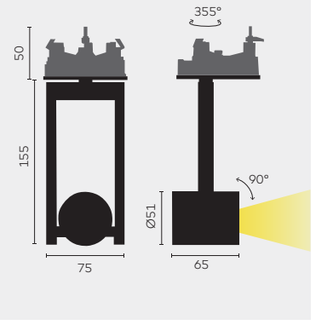
Plasterkit

kreon diapason 80

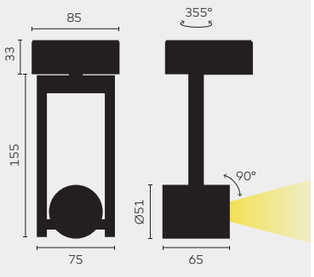
diapason 80 M10



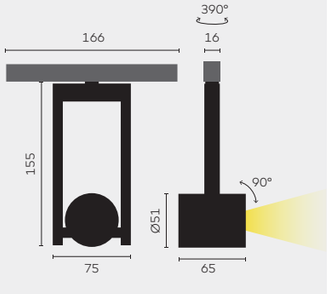
diapason 80 base



diapason 80 surface mounted



diapason 80 on-track



	Colour	KR-code	Light sources	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** Spot (20°)	**FL** Flood (30°)	**WFL** Wide flood (40°)	**SW** Switchable ON/OFF	**VD** 1-10V dimming ❷	**DD** DALI dimming	Required accessories ❸	Optional accessories ❸
diapason 80 M10	○	KR**916601**	①	●	●	●	●	●	●	●					■
	●	KR**916602**	①	●	●	●	●	●	●	●					■
	◐	KR**916605**	①	●	●	●	●	●	●	●					■
diapason 80 recessed mounted	○	KR**916611**	①	●	●	●	●	●	●	●				■	■
	●	KR**916612**	①	●	●	●	●	●	●	●				■	■
	◐	KR**916615**	①	●	●	●	●	●	●	●				■	■
diapason 80 surface mounted	○	KR**916651**	①	●	●	●	●	●	●	●					■
	●	KR**916652**	①	●	●	●	●	●	●	●					■
	◐	KR**916655**	①	●	●	●	●	●	●	●					■
diapason 80 on-track ❶	○	KR**916621**	②	●	●	●	●	●	●	●	●	●	●		■
	●	KR**916622**	②	●	●	●	●	●	●	●	●	●	●		■
	◐	KR**916625**	②	●	●	●	●	●	●	●	●	●	●		■

		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI80+	2700K/3000K		5,7W	500mA	557lm
		CRI90+	2700K/3000K		5,7W	500mA	428lm
②	LED	CRI80+	2700K/3000K	48V	8,2W		557lm
		CRI90+	2700K/3000K	48V	8,2W		428lm

REMARKS
❶ Use in combination with a 48V low voltage track system (see page 638).
❷ Recommended to use in combination with active 1-10V dimming It is recommended not to use 1-10V dim fixtures having no 1-10V signal connected to the track.
❸ Find accessories on page 396-397.

◐ Black luminaire with copper lamphead
Gear excluded.
◈ IP40

■ Required accessories

Plasterkit for diapason 80 recessed mounted		KR**717104**	Plasterkit, no shadowgap, trimless finishing ◔ Ø 102 **H** 70
		KR**717108**	Plasterkit, with shadowgap, trimless finishing ◔ Ø 102 **H** 70
	○	KR**717021**	Installation kit with trim, white ◔ Ø 90 **H** 70
	●	KR**717022**	Installation kit with trim, black ◔ Ø 90 **H** 70
Plasterkit concrete		KR**717101**	Plasterkit for concrete installation, no shadowgap
		KR**717109**	Plasterkit for concrete installation, shadowgap

■ Optional accessories

Glare preventer	○	KR**706721**	Straight glare preventer, white (H 30)
	●	KR**706722**	Straight glare preventer, black (H 30)
	●	KR**706725**	Straight glare preventer, red copper (H 30)
	○	KR**706731**	Rounded glare preventer, white (H 54)
	●	KR**706732**	Rounded glare preventer, black (H 54)
Louvres and lenses ❶		KR**706070**	Anti-glare louvre
		KR**706270**	Diffusing lens
Driver		KR**772024**	LED driver, 500mA, ON/OFF, 20W
		KR**772220**	LED driver, 500mA, 1-10V, 20W
		KR**772126**	LED driver, 500mA, DALI, 18W
Low voltage track		See page 638	

more info about louvres & lenses on page 596

REMARKS
❶ Lenses only in combination with a glare preventor. Max. 2 accessories per glare preventor.

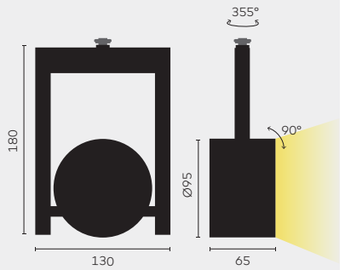
Plasterkit

Straight glare preventer

Rounded glare preventer

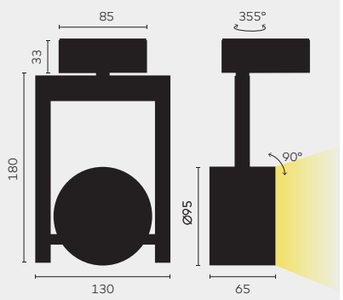
kreon diapason 120

diapason 120 M10

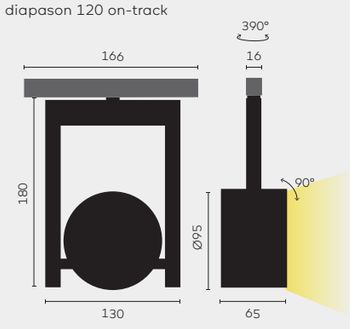


diapason 120 base

diapason 120 surface mounted



diapason 120 on-track



	Colour	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**SP** Spot (12°)	**FL** Flood (24°)	**WFL** Wide flood (38°)	**SW** Switchable ON/OFF	**VD** 1-10V dimming ❷	**DD** DALI dimming	Required accessories ❸	Optional accessories ❸
diapason 120 M10	○	KR**926601**	①	●	●	●	●	●	●	●	●	●					■
	●	KR**926602**	①	●	●	●	●	●	●	●	●	●					■
diapason 120 recessed mounted	○	KR**926611**	①	●	●	●	●	●	●	●	●	●				■	■
	●	KR**926612**	①	●	●	●	●	●	●	●	●	●				■	■
diapason 120 surface mounted	○	KR**926651**	①	●	●	●	●	●	●	●	●	●					■
	●	KR**926652**	①	●	●	●	●	●	●	●	●	●					■
diapason 120 on-track ❶	○	KR**926621**	②	●	●	●	●	●	●	●	●	●	●	●	●		■
	●	KR**926622**	②	●	●	●	●	●	●	●	●	●	●	●	●		■

			CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	**SP**	CRI83	2700K/3000K		19,5W	700mA	1185lm
			CRI90	2700K/3000K		19,5W	700mA	1185lm
			CRI98	2700K/3000K		19,5W	700mA	939lm
		FL & WFL	CRI83	2700K/3000K		16,5W	700mA	1761lm
			CRI90	2700K/3000K		16,5W	700mA	1761lm
			CRI98	2700K/3000K		19,9W	700mA	1794lm
②	LED	**SP**	CRI83	2700K/3000K	48V	22W		1185lm
			CRI90	2700K/3000K	48V	22W		1185lm
			CRI98	2700K/3000K	48V	22W		939lm
		FL & WFL	CRI83	2700K/3000K	48V	19W		1761lm
			CRI90	2700K/3000K	48V	19W		1761lm
			CRI98	2700K/3000K	48V	22,4W		1794lm

REMARKS
❶ Use in combination with a 48V low voltage track system (see page 638).
❷ Recommended to use in combination with active 1-10V dimming. It is recommended not to use 1-10V dim fixtures having no 1-10V signal connected to the track.
❸ Find accessories on page 400-401.

Gear excluded
◈ IP40

■ Required accessories

Plasterkit for diapason 120 recessed mounted		KR**717104**	Plasterkit, no shadowgap, trimless finishing ◔ Ø102 **H** 70
		KR**717108**	Plasterkit, with shadowgap, trimless finishing ◔ Ø102 **H** 70
	○	KR**717021**	Installation kit with trim, white ◔ Ø90 **H** 70
	●	KR**717022**	Installation kit with trim, black ◔ Ø90 **H** 70
Plasterkit concrete		KR**717101**	Plasterkit for concrete installation, no shadowgap
		KR**717109**	Plasterkit for concrete installation, shadowgap

■ Optional accessories

Glare preventer	○	KR**706821**	Straight glare preventer, white (H 40)
	●	KR**706822**	Straight glare preventer, black (H 40)
	○	KR**706831**	Rounded glare preventer, white (H 90)
	●	KR**706832**	Rounded glare preventer, black (H 90)
Louvres and lenses ❶		KR**706080**	Anti-glare louvre
		KR**706180**	Sculpture lens
		KR**706280**	Diffusing lens
Driver		KR**772050**	LED driver, 700mA, ON/OFF, 50W
		KR**772232**	LED driver, 700mA, 1-10V, 20W
		KR**772233**	LED driver, 700mA, DALI, 27W
		KR**772430**	LED driver, 700mA, phase dim, 25W
Low voltage track		See page 638	

more info about louvres & lenses on page 596

REMARKS
❶ Lenses only in combination with a glare preventor. Max. 2 accessories per glare preventor.

Plasterkit

Straight glare preventer

Rounded glare preventer

kreon dolma

kreon dolma indoor has a visible width of 40mm, 80mm or 145mm. The conduit is a recessed aluminium profile that can easily be installed in walls or ceilings. The made to measure profile is finished in natural or black anodized aluminium.

Standard LED lighting elements can be integrated on either one extremity or both or in the middle of the profile for a fading lighting effect. Use kreon dolma as a beacon in residential or public environments.

kreon dolma indoor is available in three width options and has a satin silver anodised finish, while kreon dolma 80 outdoor is offered in silver or black finishes as standard. Light sources can be positioned centrally along the profiles or mounted at either end. kreon dolma shower is a class 3 profile for exclusive use in indoor wet areas such as bathrooms.

Project Delektro
Location Ede, the Netherlands

Architect Goed Yd
Photographer Serge Brison

dolma 40 up/down, black

dolma 80 up/down, white

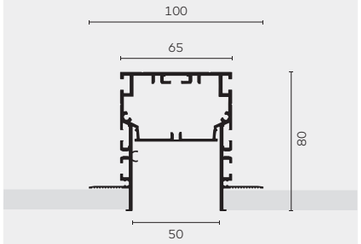
dolma 145 symmetrical, grey

dolma 80 outdoor up/down, black

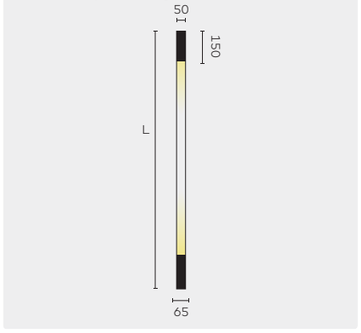
Project Chalet Cyanella
Location Megève, France

Architect Joëlle Fichard (Bô Design)
Photographer Serge Brison

dolma 40 profile



dolma 40 up/down light



	Colour	KR-code
dolma 40 profile ❶ **Min depth**: 80, **thickness boardmaterial**: max. 12,5 mm, IP40	●	KR**745002**
	●	KR**745003**

	Colour	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SW** Switchable ON/OFF	**VD** 1-10V dimming	**DD** DALI dimming	**EX** Gear exclusive	Optional accessories
dolma 40 up/down light **Gear:** incl., 230V, IP20	○	KR**915341**	①	●	●	●	●	●	●	■
	●	KR**915342**	①	●	●	●	●	●	●	■

■ **Optional accessories**

Driver	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772443**	LED driver, 1050mA, DALI, 60W

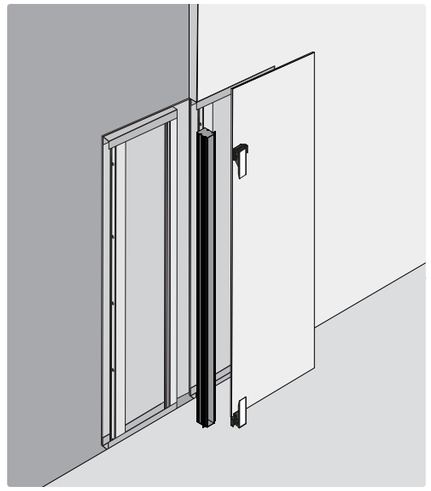
		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
① LED	SW/VD/DD	CRI90+	2700K/3000K	230V	3,2W		111lm
	EX	CRI90+	2700K/3000K	3V	3,2W	1050mA	111lm

REMARKS

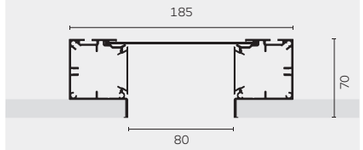
❶ kreon dolma profile should be finished with polyester gypsum or in combination with other dry building materials. Min. length: 1 m (gear incl.) or 0,6m (gear excl.). Max 2 profile pieces. In case of 2 profile pieces, two up/down lights will be placed against each other to cover the split line.

kreon dolma profiles are supplied fully pre-assembled, including all modules, gears and connections. Max. Length single profile: 5900mm. Shipping length depends on the transport possibilities.

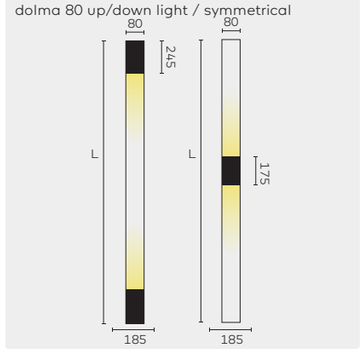
dolma 40



dolma 80 profile



dolma 80 up/down light / symmetrical



		Colour	KR-code								Optional accessories
							8027 2700K, CRI80+	**8030** 3000K, CRI80+	**SW** Switchable ON/OFF	**VD** 1-10V dimming	**DD** DALI dimming	
	dolma 80 profile ❶ **Min depth**: 80, **thickness boardmaterial**: max. 15mm, IP40	●	KR**715002**									
		●	KR**715003**									
	dolma 80 up/down light **Gear:** incl., 230V, IP20	○	KR**915441**	①			●	●	●	●	●	■
		●	KR**915442**	①			●	●	●	●	●	■
		●	KR**915443**	①			●	●	●	●	●	■
	dolma 80 symmetrical light **Gear:** incl., 230V, IP20	○	KR**915471**	①			●	●	●	●	●	■
		●	KR**915472**	①			●	●	●	●	●	■
		●	KR**915473**	①			●	●	●	●	●	■

■ **Optional accessories**

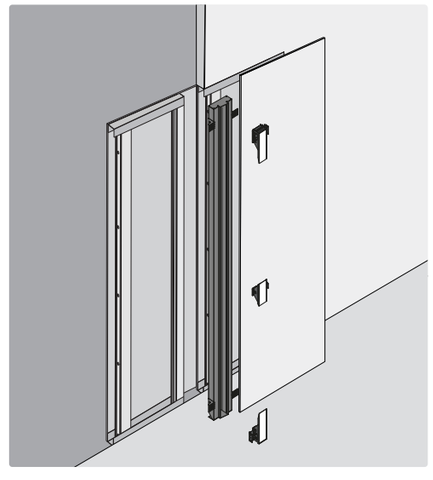
Electrical wiring	KR**705401**	Extra electrical wiring (for an extra circuit)
EURO connector	KR**705403**	EURO connector

	CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	CRI80+	2700K/3000K	230V	8,4W	126lm

REMARKS
❶ kreon dolma profile should be finished with polyester gypsum or in combination with other dry building materials.

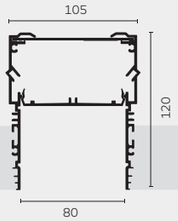
kreon dolma profiles are supplied fully pre-assembled, including all modules, gears and connections. Max. Length single profile: 5900mm. Shipping length depends on the transport possibilities.

dolma 80

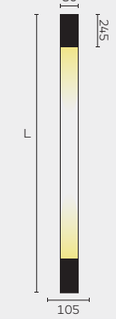


kreon dolma 80 IP

dolma 80 outdoor profile



dolma 80 outdoor



		Colour	KR-code
	dolma 80 outdoor profile ❶ **Min depth:** 125, IP40	●	KR**715402**
		●	KR**715403**
	dolma 80 shower profile ❶ **Min depth:** 125, IP40	●	KR**715502**
		●	KR**715503**

		Colour	KR-code	Light sources	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**SW** Switchable ON/OFF	**VD** 1-10V dimming	**DD** DALI dimming	Optional accessories
	dolma 80 outdoor up/down light **Watertight gearbox:** incl., 230V, IP55	○	KR**915961**	①	●	●	●	●	●	■
		●	KR**915962**	①	●	●	●	●	●	■
	dolma 80 shower up/down light **Gear:** excl., IP55 ◈	○	KR**915971**	②	●	●				■
		●	KR**915972**	②	●	●				■

■ **Optional accessories**

Driver (IP20)	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W

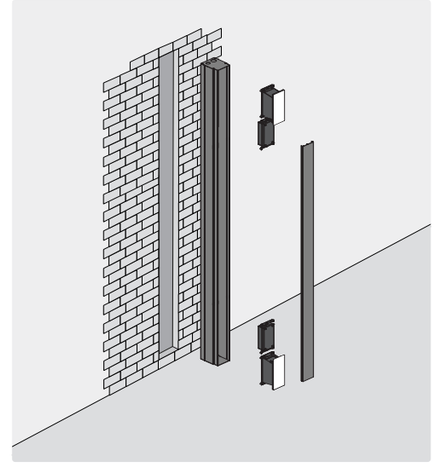
		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI80+	2700K/3000K	230V	8,4W		204lm
②	LED	CRI80+	2700K/3000K		8,4W	700mA	204lm

REMARKS

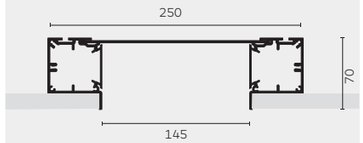
❶ kreon dolma outdoor profile is IP40. kreon dolma outdoor up/down module is IP55. Water conduit needs to be placed below and behind the profile, both for outdoor and shower profile. Check installation manual.

kreon dolma profiles are supplied fully pre-assembled, including all modules, gears and connections. Max. Length single profile: 5900mm. Shipping length depends on the transport possibilities.

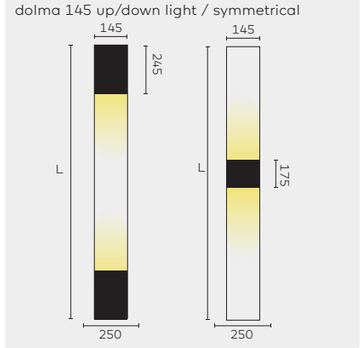
dolma 80 outdoor



dolma 145 profile



dolma 145 up/down light / symmetrical



		Colour	KR-code
	dolma 145 profile ❶ **Min depth:** 80, **thickness boardmaterial:** max. 15mm, IP40	●	KR**725002**
		●	KR**725003**

		Colour	KR-code	Light sources	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**SW** Switchable ON/OFF	**VD** 1-10V dimming	**DD** DALI dimming	Optional accessories
	dolma 145 up/down light **Gear:** incl., 230V, IP20	○	KR**925441**	①	●	●	●	●	●	■
		●	KR**925442**	①	●	●	●	●	●	■
		●	KR**925443**	①	●	●	●	●	●	■
	dolma 145 symmetrical light **Gear:** incl., 230V, IP20	○	KR**925471**	①	●	●	●	●	●	■
		●	KR**925472**	①	●	●	●	●	●	■
		●	KR**925473**	①	●	●	●	●	●	■

■ **Optional accessories**

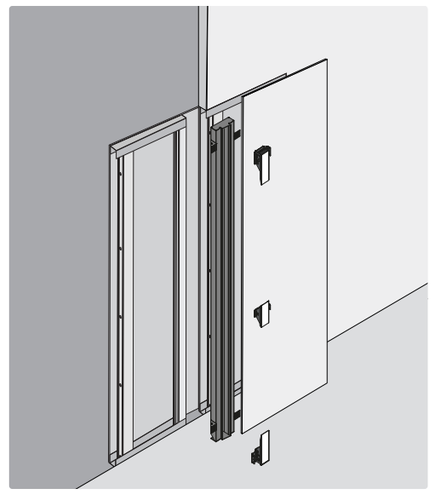
Electrical wiring	KR**705401**	Extra electrical wiring (for an extra circuit)
EURO connector	KR**705403**	EURO connector

	CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	CRI80+	2700K/3000K	230V	2 x 8,4W	297lm

REMARKS
❶ kreon dolma profile should be finished with polyester gypsum or in combination with other dry building materials.

kreon dolma profiles are supplied fully pre-assembled, including all modules, gears and connections. Max. Length single profile: 5900mm. Shipping length depends on the transport possibilities.

dolma 145



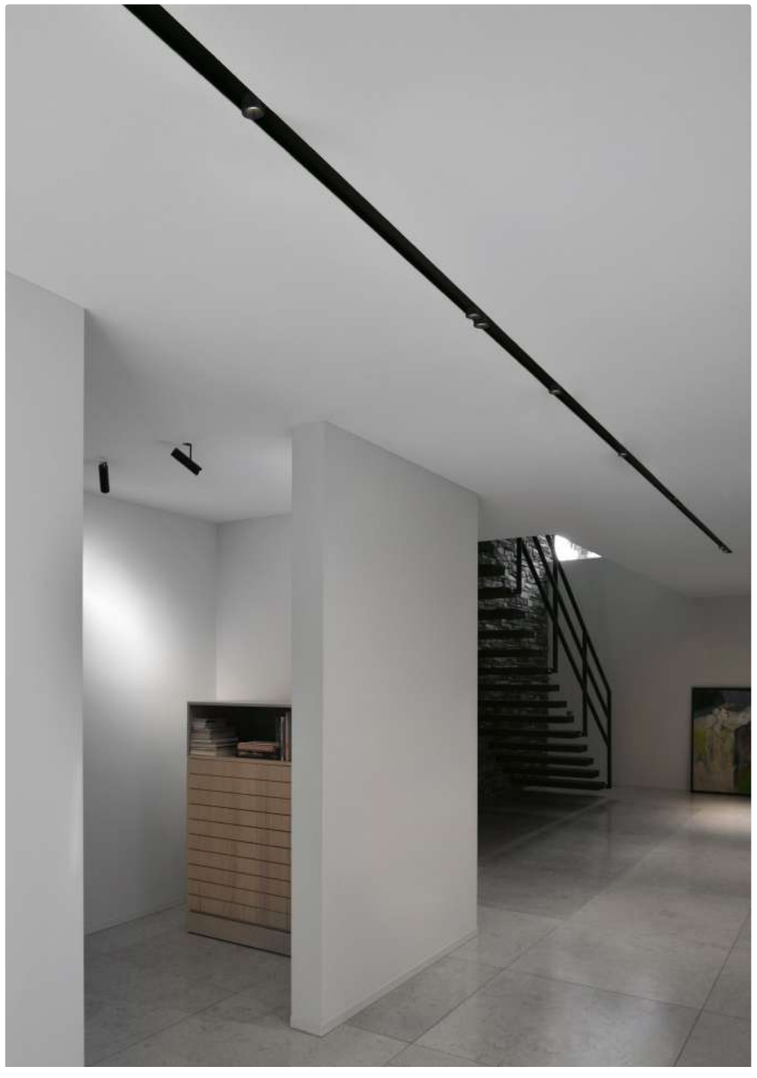
kreon dolma track

kreon dolma 40 with integrated 48Vdc magnetic track is a new made-to-measure profile that creates functional light through the discrete presence of simple architectural volumes.

The cylindrical kreon holon or cubical kreon prologe luminaires protrude slightly from the recessed profile housing. These low voltage track modules, in single or double, are available as a downlight for general lighting or as a wallwash for vertical illuminance.

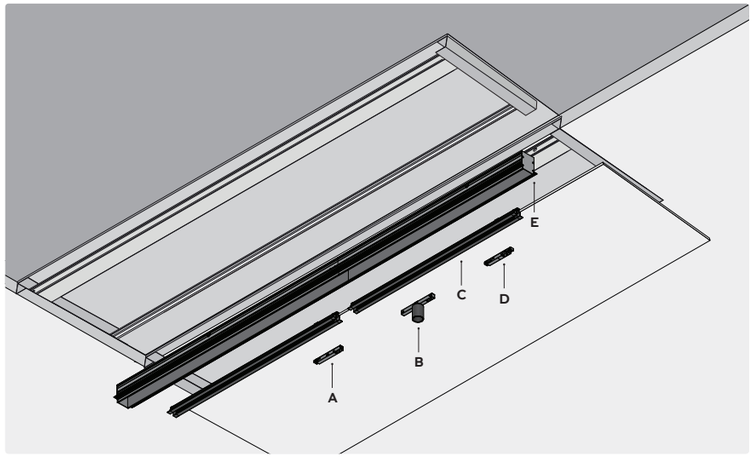
Additionally, other kreon 48Vdc track luminaires such as kreon lini 10 and kreon diapason 40 fit on the kreon dolma 40 track. The system allows a combination of modules for direct, indirect and linear lighting, a perfect way to enhance the spacial feeling of the room.

kreon dolma 40 track demonstrates how architecture can be defined by light and turns the ceiling into a flexible architectural playground.



holon 40 single fixed in-dolma track, black

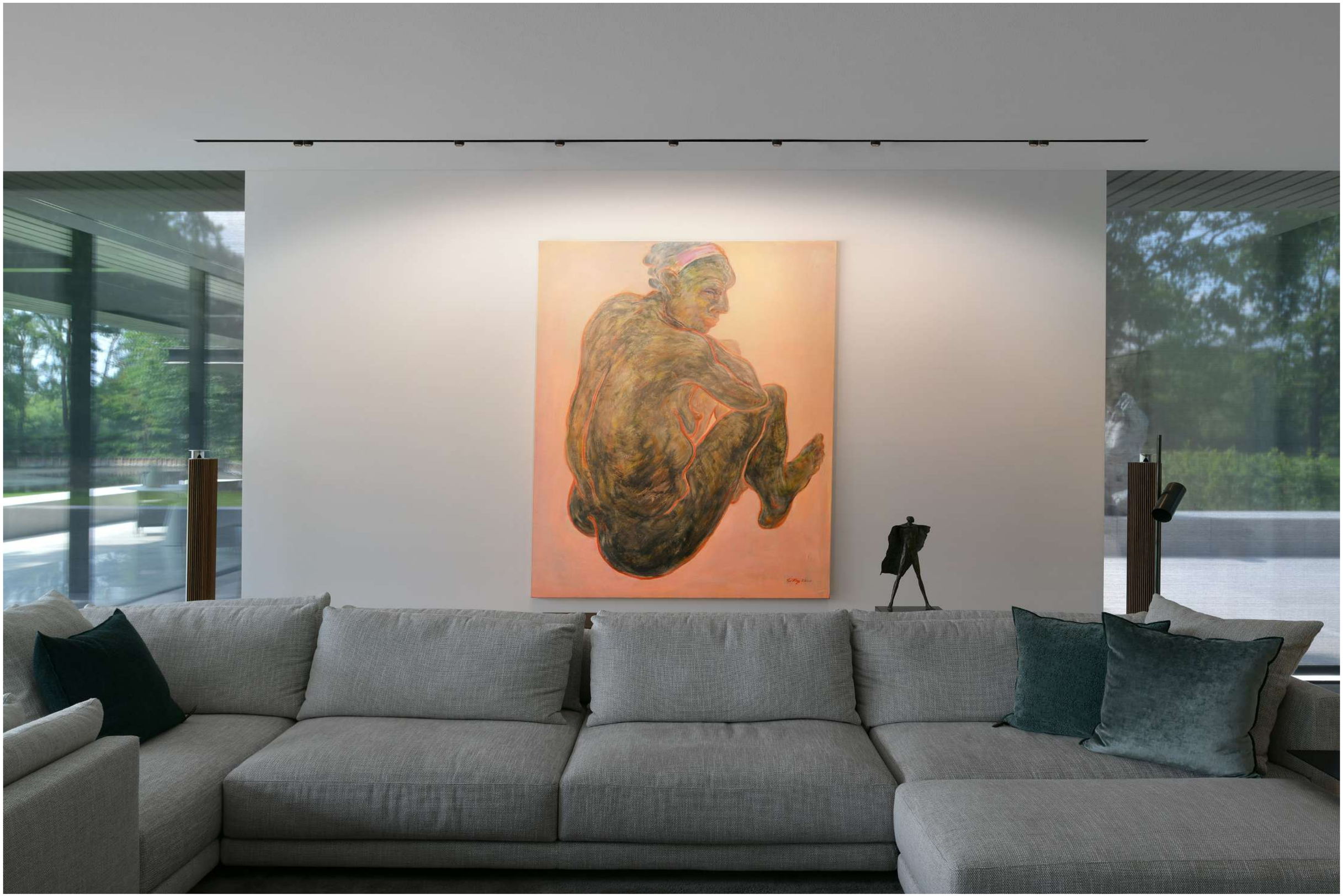
prologe 40 double fixed in-dolma track, black



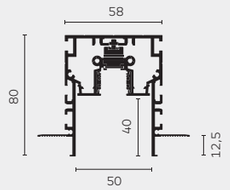
A straight connector
B downlight on-track
C 48V track profile
D feed connector
E kreon dolma 40 track profile

Project Private residence
Location the Netherlands

Architect CS2 Architecten
Photographer Serge Brison



dolma 40 track profile



		Colour	KR-code	Required accessories	Optional accessories
	dolma 40 track profile **Min. depth:** 80mm, **thickness boardmaterial:** 12,5mm **Length is made-to-measure, max. 6m**	○	KR**745201**	■	■
		●	KR**745202**	■	■

■ Required accessories

48Vdc track	○	KR**745401**	48Vdc track, 1m, white	
	●	KR**745402**	48Vdc track, 1m, black	
	○	KR**745501**	48Vdc track, 2m, white	
	●	KR**745502**	48Vdc track, 2m, black	
	○	KR**745601**	48Vdc track, 3m, white	
	●	KR**745602**	48Vdc track, 3m, black	
Feed connector	○	KR**746511**	End feed connector, white	
	●	KR**746512**	End feed connector, black	

■ Optional accessories

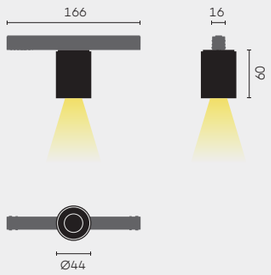
Corner cut	○	KR**765501**	90° corner cut dolma track, white	
	●	KR**765502**	90° corner cut dolma track, black	
	○	KR**765601**	48Vdc track, corner cut 90°, white	
	●	KR**765602**	48Vdc track, corner cut 90°, black	
Power supply		KR**790473**	Power supply, 48Vdc, 30W	
		KR**790474**	Power supply, 48Vdc, 60W	
		KR**790475**	Power supply, 48Vdc, 100W	
		KR**790476**	Power supply, 48Vdc, 240W	
Connectors	○	KR**746531**	Straight connector electrical, white	
	●	KR**746532**	Straight connector electrical, black	
	○	KR**746611**	Corner track L-connector, white	
	●	KR**746612**	Corner track L-connector, black	
Cutting tool ❶		KR**746920**	Cutting tool for track conductors	

REMARKS
kreon dolma 40 track profile is supplied on requested length. Required track profiles need to be ordered separately and cut to the required length on site.

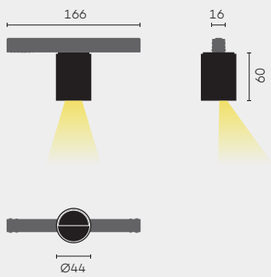
❶ In case the 48Vdc tracks need to be shortened during installation, use the special pliers to cut back the copper wires of the track.

IP40

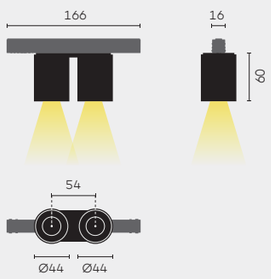
holon 40 single downlight on-track



holon 40 single wallwasher on-track



holon 40 double downlight on-track



		Colour ❶	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** spot (17°)	**FL** flood (24°)	**WFL** wide flood (40°)	**SW** ON/OFF	**VD** 1-10V dimming	**DD** DALI dimming
	holon 40 single downlight on-track **Gear:** incl., IP40	○	KR**945001**	①	●	●	●	●	●	●	●	●
		●	KR**945002**	①	●	●	●	●	●	●	●	●
	holon 40 single wallwasher on-track **Gear:** incl., IP40	○	KR**945101**	②	●	●				●	●	●
		●	KR**945102**	②	●	●				●	●	●
	holon 40 double downlight on-track **Gear:** incl., IP40	○	KR9**45201**	③	●	●	●	●	●	●	●	●
		●	KR**945202**	③	●	●	●	●	●	●	●	●

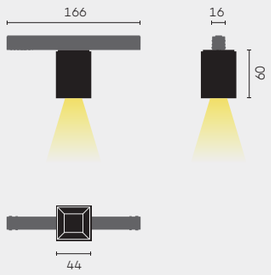
	CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	CRI90+	2700K/3000K	48Vdc	4,5W	190lm
② LED	CRI90+	2700K/3000K	48Vdc	6,5W	290lm
③ LED	CRI90+	2700K/3000K	48Vdc	6,5W	2x 190lm

REMARKS
❶ The track adapter has the same colour as the luminaire

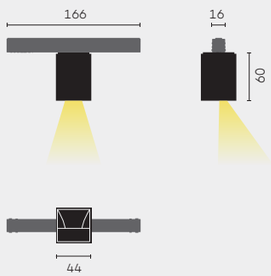
Compatible with dolma track and 48V low voltage track system.

Gear included
IP40

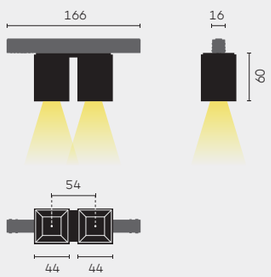
prologe 40 single downlight on-track



prologe 40 single wallwasher on-track



prologe 40 double downlight on-track



		Colour ❶	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** spot (17°)	**FL** flood (24°)	**WFL** wide flood (40°)	**SW** ON/OFF	**VD** 1-10V dimming	**DD** DALI dimming
	prologe 40 single downlight on-track **Gear:** incl., IP40	○	KR**945011**	①	●	●	●	●	●	●	●	●
		●	KR**945012**	①	●	●	●	●	●	●	●	●
	prologe 40 single wallwasher on-track **Gear:** incl., IP40	○	KR**945111**	②	●	●				●	●	●
		●	KR**945112**	②	●	●				●	●	●
	prologe 40 double downlight on-track **Gear:** incl., IP40	○	KR9**45211**	③	●	●	●	●	●	●	●	●
		●	KR**945212**	③	●	●	●	●	●	●	●	●

	CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	CRI90+	2700K/3000K	48Vdc	4,5W	190lm
② LED	CRI90+	2700K/3000K	48Vdc	6,5W	290lm
③ LED	CRI90+	2700K/3000K	48Vdc	6,5W	2x 190lm

REMARKS
❶ The track adapter has the same colour as the luminaire

Compatible with dolma track and 48V low voltage track system.

Gear included
IP40

kreon down

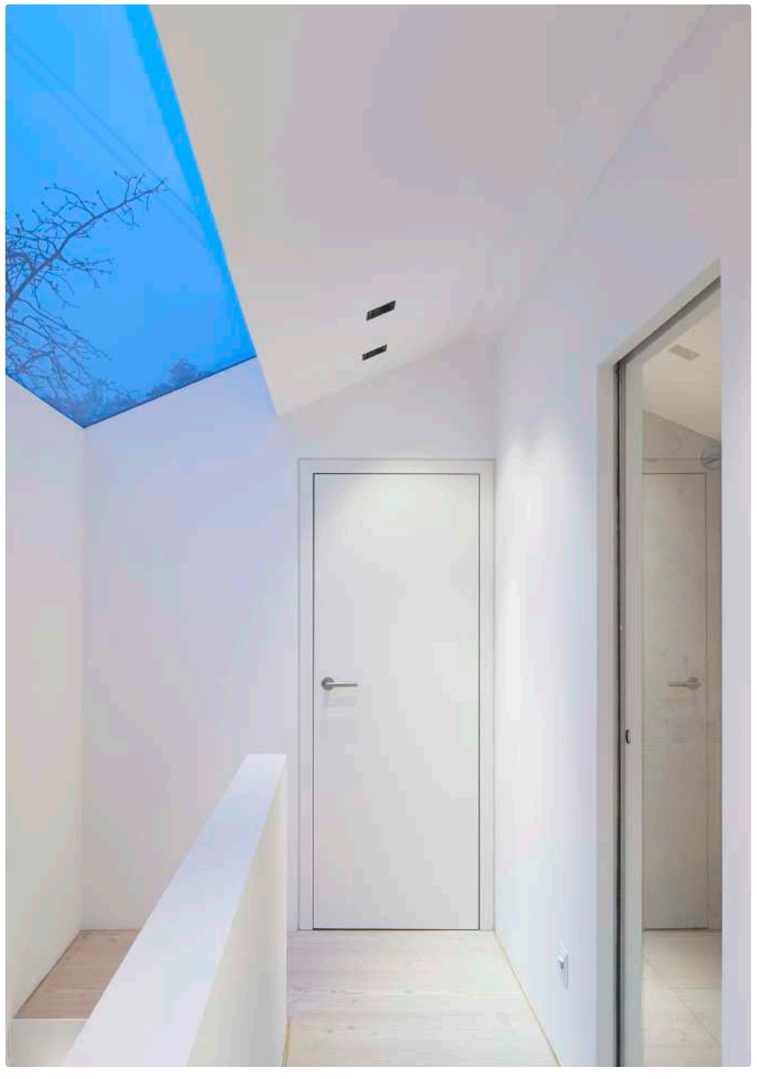
kreon down directional is a fully recessed spotlight with a built-in snoot that serves two purposes. Firstly it absorbs stray flux, thus aiding beam control, and secondly it provides an integrated mounting ring for the fixation of additional optical lenses for increased optimisation. kreon down directional has a rotational adjustment of 360° and an angular adjustment of 30° which, when combined with the choice of spot, flood and wide flood TIR reflector, provides a truly versatile accent lighting tool.

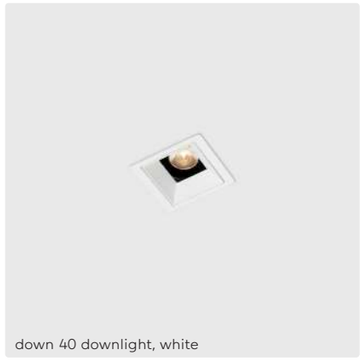
kreon down fixed is the perfect solution for general lighting and features a flood beam mirror reflector set above the black or white internal louvre, optimised to create pools of light on horizontal surfaces or dramatic scalloping effects on verticals.

kreon down wallwasher provides near perfect uniformity on vertical surfaces. This is made possible by the unique optical design that is capable of reflecting light to the very top of adjacent walls through a full 180° beam angle, whilst still maintaining an effective downlight component.

Project Private residence
Location Bammental, Germany

Architect Bauwerk
Photographer Steffen Fuchs





down 40 downlight, white

down 60 downlight, black

down 80 wallwasher, white

down 80 HE directional, black

down 120 directional, white

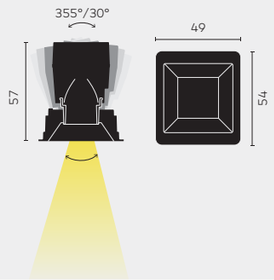
down 165 directional, white

Project Private residence
Location Miami, USA

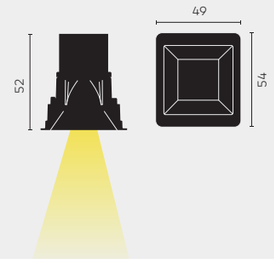
Lighting Designer The Lighting Studios
Photographer Luis Arturo Moro

kreon down 40

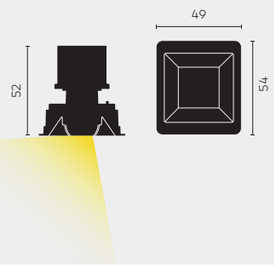
down 40 directional



down 40 downlight



down 40 wallwasher



		Colour	KR-code	Light sources	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** Spot (10°)	**FL** Flood (24°)	**WFL** Wide flood (46°)	**OV** Oval (42° + 12°)	Optional accessories
down 40 directional LxW 45x45 H 80 **Glare snoot:** incl.		○	KR**957781**	①	●	●	●	●	●	●	●		■
		●	KR**957782**	①	●	●	●	●	●	●	●		■
down 40 downlight LxW 45x45 H 80		○	KR**957081**	②	●	●	●	●	●	●	●	●	■
		●	KR**957082**	②	●	●	●	●	●	●	●	●	■
down 40 wallwasher LxW 45x45 H 80		○	KR**957381**	③	●	●	●	●					■
		●	KR**957382**	③	●	●	●	●					■

■ **Optional accessories**

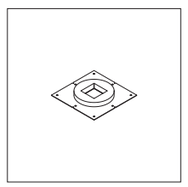
Plasterkit concrete	KR**747602**	Plasterkit for concrete installation
Louvre IP44 (only for downlight) ❶	KR**707311**	Louvre IP44, white
	KR**707312**	Louvre IP44, black
Driver	KR**752730**	LED driver, 700mA, ON/OFF, 3W (IP65) ❷
	KR**752733**	LED driver, 700mA, DALI, 10W ❸
	KR**772142**	LED driver, 1050mA, 1-10V, 39W ❸
	KR**772443**	LED driver, 1050mA, DALI, 60W ❸

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI80+	2700K/3000K	2W	700mA	153lm
			3,2W	1050mA	219lm
	CRI90+	2700K/3000K	2W	700mA	121lm
			3,2W	1050mA	143lm
② LED	CRI80+	2700K/3000K	2W	700mA	172lm
			3,2W	1050mA	262lm
	CRI90+	2700K/3000K	2W	700mA	138lm
			3,2W	1050mA	172lm
③ LED	CRI80+	2700K/3000K	2W	700mA	77lm
			3,2W	1050mA	90lm
	CRI90+	2700K/3000K	2W	700mA	47lm
			3,2W	1050mA	71lm

REMARKS
❶ IP 44 connection in plenum required.
❷ Driver fits through the installation hole. Other types of dimmable drivers should be placed on remote.
❸ Should be placed on remote.

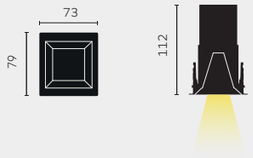
Thickness boardmaterial:
9-18mm
Gear excluded.
◈ IP 40

Plasterkit concrete

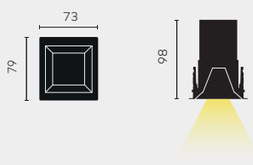


kreon down 60

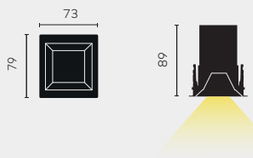
down 60 spot



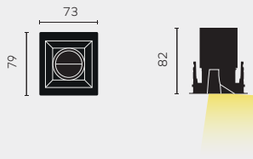
down 60 flood



down 60 wide flood



down 60 wallwasher



		Colour	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**TW** tunable white (2700K-5000K), CRI90+	**SP** spot (34°)	**FL** flood (54°)	**WFL** wide flood (69°)	Optional accessories
down 60 downlight spot **LxW** 68x68 **D** 122 (SP) **Gear:** excl., IP20		○	KR**947361**	①	●	●	●	●			■
		●	KR**947362**	①	●	●	●	●			■
down 60 downlight flood & wide flood **LxW** 68x68 **D** 108 (FL) / 99 (WFL) **Gear:** excl., IP20		○	KR**947371**	②	●	●	●		●	●	■
		●	KR**947372**	②	●	●	●		●	●	■
down 60 wallwasher **LxW** 68x68 **D** 92 **Gear:** excl., IP20		○	KR**947561**	③	●	●					■
		●	KR**947562**	③	●	●					■

■ **Optional accessories**

Driver 300mA (SP, wallwasher) ①	KR**747464**	LED driver, 300mA, ON/OFF, 16W
	KR**747562**	LED driver, 300mA, 1-10V, 15W
	KR**747666**	LED driver, 300mA, DALI, 16W
Driver 350mA (FL, WFL) ②	KR**747064**	LED driver, 350mA, ON/OFF, 19W
	KR**747162**	LED driver, 350mA, 1-10V, 18W
	KR**747266**	LED driver, 350mA, DALI, 15W
Driver (tunable white)	KR**747766**	LED driver, 300mA, DALI-2 DT8, 50W, tunable white ❶
	KR**747866**	LED driver, 280mA, DALI-2 DT8, 20W, tunable white ❷

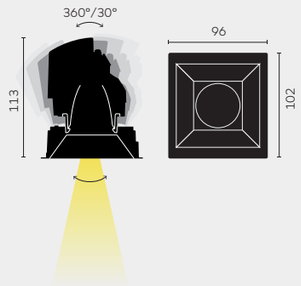
		CRI	CCT	Wattage	Drive current	Fixture lumen
①	LED (SP)	CRI90+	2700K/3000K 2700K-5000K	9,9W 2x12W	300mA	717lm 905lm
②	LED (FL)	CRI90+	2700K/3000K 2700K-5000K	12W 2x12W	350mA 300mA	1270lm 890lm
	LED (WFL)	CRI90+	2700K/3000K 2700K-5000K	12W 2x12W	350mA 300mA	1088lm 933lm
③	LED (WW)	CRI90+	2700K/3000K	9,9W	300mA	807lm

REMARKS
❶ Driver does not fit through the installation hole and must be placed on remote.
❷ Driver fits through installation hole, reduced current of 280mA results in 7% less lumen.

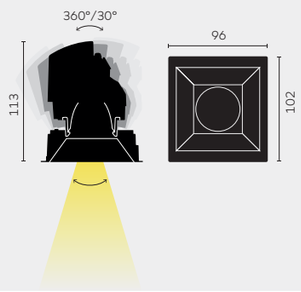
IP20

kreon down 80 high efficiency

down 80 HE spot



down 80 HE flood



		Colour louvre	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** spot (30°)	**FL** flood (50°)	Optional accessories
	down 80 HE directional spot **LxW** 91x91 **D** 120 **Gear:** excl., IP40	○	KR**947021**	①	●	●	●		■
		●	KR**947022**	①	●	●	●		■
	down 80 HE directional flood **LxW** 91x91 **D** 120 **Gear:** excl., IP40	○	KR**947121**	②	●	●		●	■
		●	KR**947122**	②	●	●		●	■

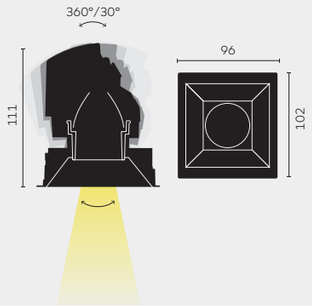
■ **Optional accessories**

Plasterkit concrete	KR**747702**	Plasterkit for concrete installation
Driver for ①	KR**747464**	LED driver, 300mA, ON/OFF, 16W
	KR**747562**	LED driver, 300mA, 1-10V, 15W
	KR**747666**	LED driver, 300mA, DALI, 16W
Driver for ②	KR**747064**	LED driver, 350mA, 18W, ON/OFF
	KR**747162**	LED driver, 350mA, 18W, 1-10V
	KR**747266**	LED driver, 350mA, 15W, DALI

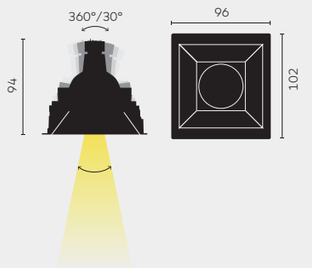
	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI90+	2700K/3000K	9,9W	300mA	736lm
② LED	CRI90+	2700K/3000K	12W	350mA	995lm

REMARKS
Thickness boardmaterial:
9-26mm
Gear excluded
IP40

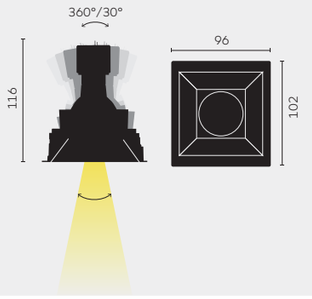
down 80 directional LED



down 80 directional LED MR16



down 80 directional LED PAR16



	Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	SP Spot (18°)	FL Flood (28°)	WFL Wide flood (48°)	Optional accessories
down 80 directional LED LxW 91x91 H 120 **Filter holder**: incl., **glare snoot**: incl.	○	KR**947931**	①	●	●	●	●	●	●	●	●	●	●	●	●	■
	●	KR**947932**	①	●	●	●	●	●	●	●	●	●	●	●	●	■
down 80 directional LED MR16 LxW 91x91 H 110 **Filter holder**: incl., **lamp**: excl., **glare snoot**: incl.	○	KR**947801**	②													■
	●	KR**947802**	②													■
down 80 directional LED PAR16 LxW 91x91 H 125 **Filter holder**: incl., **lamp**: excl., **glare snoot**: incl.	○	KR**947841**	③													■
	●	KR**947842**	③													■

■ **Optional accessories**

Plasterkit concrete	KR**747702**	Plasterkit for concrete installation
Lenses ❶	KR**704100**	Sculpture lens ❷
	KR**704200**	Diffusing lens
	KR**704800**	Softening lens
	KR**772342**	Anti-glare louvre ❷
Driver	KR**772034**	LED driver, 700mA, ON/OFF, 20W,
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772430**	LED driver, 700mA, phase dim, 25W

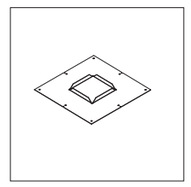
more info about louvres & lenses on page 682

	CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K		15,6W	700mA	690lm
	CRI90	2700K/3000K/4000K		15,6W	700mA	690lm
	CRI98	2700K/3000K/4000K		15,2W	700mA	494lm
② LED MR16			12V	15W		
③ LED PAR16			230V	15W		

REMARKS
❶ Only one optional lens or louvre possible.
❷ Use only in combination with spot optic.

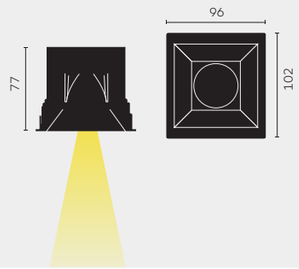
Thickness boardmaterial:
9-26mm
Gear excluded.
IP 40

Plasterkit concrete

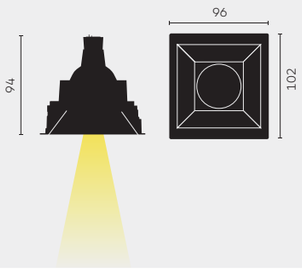


kreon down 80

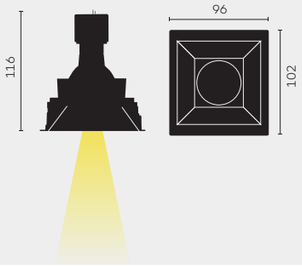
down 80 downlight LED



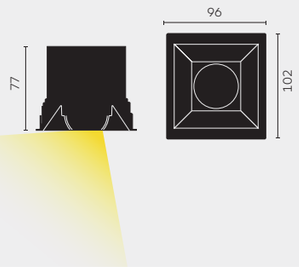
down 80 downlight LED MR16



down 80 downlight LED PAR16



down 80 wallwasher LED



		Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	Optional accessories
down 80 downlight LED LxW 91x91 H 100 **Wide flood reflector (38°)**: incl.		○	KR**947031**	①	●	●	●	●	●	●	●	●	●	■
		●	KR**947032**	①	●	●	●	●	●	●	●	●	●	■
down 80 downlight LED MR16 LxW 91x91 H 110 **Lamp**: excl.		○	KR**947231**	②										■
		●	KR**947232**	②										■
down 80 downlight LED PAR16 LxW 91x91 H 130 **Lamp**: excl.		○	KR**947251**	③										■
		●	KR**947252**	③										■
down 80 wallwasher LED LxW 91x91 H 100 **Wallwash reflector**: incl.		○	KR**947431**	④	●	●	●	●	●	●	●	●	●	■
		●	KR**947432**	④	●	●	●	●	●	●	●	●	●	■

■ **Optional accessories**

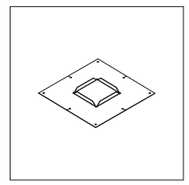
Plasterkit concrete	KR**747702**	Plasterkit for concrete installation
Louvre IP44 ❶ (only for downlight)	KR**717316**	Louvre IP44, white
	KR**717312**	Louvre IP44, black
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W
	KR**772432**	LED driver, 500mA, phase dim, 15W
	KR**772034**	LED driver, 700mA, ON/OFF, 20W,
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772431**	LED driver, 700mA, phase dim, 14W

	CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K		9,5W	700mA	985lm
	CRI90	2700K/3000K/4000K		11,4W	700mA	985lm
	CRI98	2700K/3000K/4000K		9,2W	500mA	731lm
② LED MR16			12V	15W		
③ LED PAR16			230V	15W		
④ LED	CRI83	2700K/3000K/4000K		9,5W	700mA	509lm
	CRI90	2700K/3000K/4000K		11,4W	700mA	509lm
	CRI98	2700K/3000K/4000K		9,2W	500mA	378lm

REMARKS
❶ IP 44 connection in plenum required.

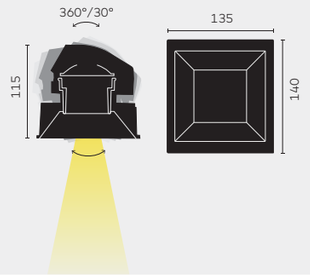
Thickness boardmaterial:
9-26mm
Gear excluded.
IP 40

Plasterkit concrete

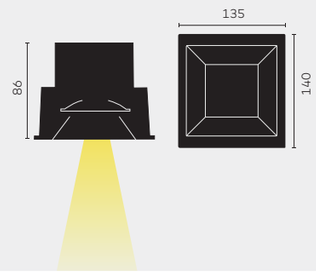


kreon down 120

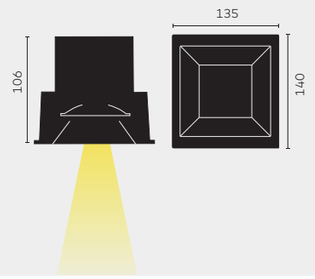
down 120 directional



down 120 downlight low output



down 120 downlight high output



	Colour	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	**SP** Spot (12°)	**FL** Flood (28°)	**WFL** Wide flood (34°)	Optional accessories
down 120 directional **LxW** 128x128 **H** 140 **Filter holder**: incl., **glare snoot**: incl.	○	KR**957981**	①	●	●	●	●	●	●	●	●	●	●	●	●	■
	●	KR**957982**	①	●	●	●	●	●	●	●	●	●	●	●	●	■
down 120 downlight low output **LxW** 128x128 **H** 110	○	KR**957281**	②	●	●	●	●	●	●	●	●	●		●	●	■
	●	KR**957282**	②	●	●	●	●	●	●	●	●	●		●	●	■
down 120 downlight high output **LxW** 128x128 **H** 130	○	KR**957291**	③	●	●	●	●	●	●	●	●	●		●	●	■
	●	KR**957292**	③	●	●	●	●	●	●	●	●	●		●	●	■

■ **Optional accessories**

Plasterkit concrete	KR**747612**	Plasterkit for concrete installation
Louvre IP44 (only for downlight) ❶	KR**707416**	Louvre IP44, white
	KR**707412**	Louvre IP44, black
Lenses (only for directional) ❷	KR**750100**	Sculpture lens ❸
	KR**750200**	Diffusing lens
	KR**750800**	Softening lens
Driver	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772430**	LED driver, 700mA, phase dim, 25W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W

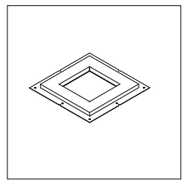
more info about louvres & lenses on page 682

		CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	**SP**	CRI83	2700K/3000K/4000K	15,6W	700mA	1274lm
		CRI90	2700K/3000K/4000K	15,6W	700mA	800lm
		CRI98	2700K/3000K/4000K	15,2W	700mA	573lm
	FL& WFL	CRI83	2700K/3000K/4000K	15,2W	700mA	1021lm
		CRI90	2700K/3000K/4000K	17,1W	700mA	987lm
		CRI98	2700K/3000K/4000K	12,9W	700mA	691lm
② LED	**SP**	CRI83	2700K/3000K/4000K	15,6W	700mA	1114lm
		CRI90	2700K/3000K/4000K	15,6W	700mA	1004lm
		CRI98	2700K/3000K/4000K	15,2W	700mA	839lm
	FL& WFL	CRI83	2700K/3000K/4000K	15,2W	700mA	1666lm
		CRI90	2700K/3000K/4000K	17,1W	700mA	1609lm
		CRI98	2700K/3000K/4000K	12,9W	700mA	1127lm
③ LED		CRI83	2700K/3000K/4000K	25,6W	1050mA	2610lm
		CRI90	2700K/3000K/4000K	25,7W	1050mA	2430lm
		CRI98	2700K/3000K/4000K	20W	1050mA	1605lm

REMARKS
❶ IP 44 connection in plenum required.
❷ Only one optional lens or louvre possible.
❸ Use only in combination with spot optic.

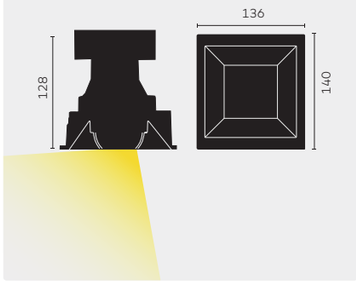
Thickness boardmaterial:
9-26mm
Gear excluded
◈ IP 40

Plasterkit concrete

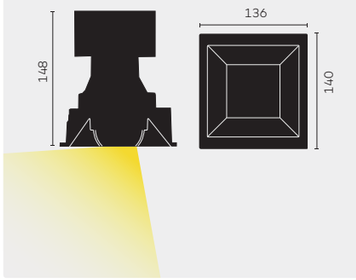


kreon down 120

down 120 wallwasher low output



down 120 wallwasher high output



	Colour	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	Optional accessories
down 120 wallwasher low output ◪ **LxW** 128x128 **H** 150 **Wallwash reflector**: incl.	○	KR**957581**	①	●	●	●	●	●	●	●	●	●	■
	●	KR**957582**	①	●	●	●	●	●	●	●	●	●	■
down 120 wallwasher high output ◪ **LxW** 128x128 **H** 170 **Wallwash reflector**: incl.	○	KR**957591**	②	●	●	●	●	●	●	●	●	●	■
	●	KR**957592**	②	●	●	●	●	●	●	●	●	●	■

■ **Optional accessories**

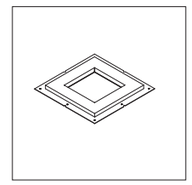
Plasterkit concrete	KR**747612**	Plasterkit for concrete installation
Driver	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772430**	LED driver, 700mA, phase dim, 25W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W

	CRI	**CCT**	**Wattage**	**Drive current**	**Fixture lumen**
① LED	CRI83	2700K/3000K/4000K	15,2W	700mA	937lm
	CRI90	2700K/3000K/4000K	17,1W	700mA	906lm
	CRI98	2700K/3000K/4000K	12,9W	700mA	633lm
② LED	CRI83	2700K/3000K/4000K	25,6W	1050mA	1385lm
	CRI90	2700K/3000K/4000K	25,7W	1050mA	1275lm
	CRI98	2700K/3000K/4000K	20W	1050mA	840lm

REMARKS

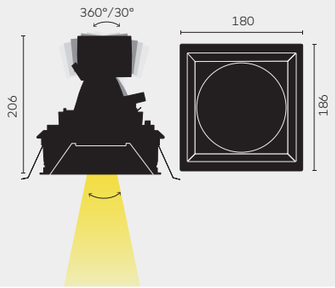
Thickness boardmaterial:
9-26mm
Gear excluded
◈ IP 40

Plasterkit concrete

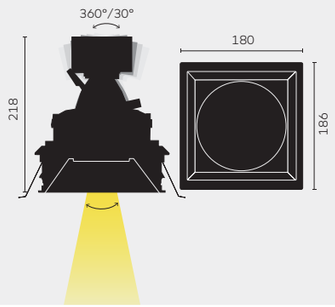


kreon down 165

down 165 directional low output



down 165 directional high output



		Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	Required accessories	Optional accessories
down 165 directional low output **LxW** 173x173 **H** 230 **Filter holder**: incl.		○	KR**947831**	①	●	●	●	●	●	●	●	●	●	■	■
		●	KR**947832**	①	●	●	●	●	●	●	●	●	●	■	■
down 165 directional high output **LxW** 173x173 **H** 250 **Filter holder**: incl.		○	KR**947341**	②	●	●	●	●	●	●	●	●	●	■	■
		●	KR**947342**	②	●	●	●	●	●	●	●	●	●	■	■

■ Required accessories

Reflector	KR**720032**	Reflector LED, spot 13°
	KR**720034**	Reflector LED, flood 23°
	KR**720036**	Reflector LED, wide flood 40°

■ Optional accessories

Plasterkit concrete	KR**747712**	Plasterkit for concrete installation
Lenses ❶	KR**720100**	Sculpture lens ❷
	KR**720200**	Diffusing lens
	KR**720800**	Softening lens
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W
	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W

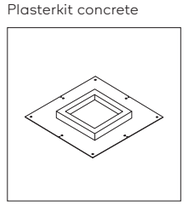
more info about louvres & lenses on page 682

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K	15,2W	700mA	1250lm
	CRI90	2700K/3000K/4000K	16,5W	700mA	1250lm
	CRI98	2700K/3000K/4000K	13,9W	500mA	988lm
② LED	CRI83	2700K/3000K/4000K	25,7W	1050mA	1874lm
	CRI90	2700K/3000K/4000K	25,7W	1050mA	1874lm
	CRI98	2700K/3000K/4000K	20W	1050mA	1249lm

REMARKS
❶ Only one optional lens or louvre possible.
❷ Use only in combination with spot optic.

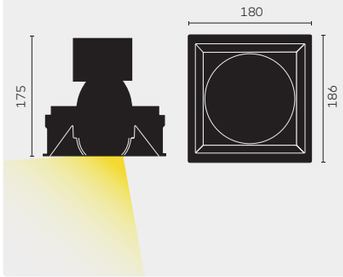
Thickness boardmaterial:
9-26mm
Gear excluded.
◈ IP 40

Plasterkit concrete

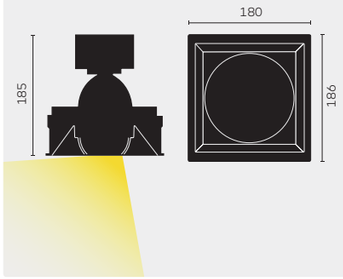


kreon down 165

down 165 wallwasher low output



down 165 wallwasher high output



	Colour	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	Optional accessories
down 165 wallwasher low output **LxW** 173x173 **H** 200	○	KR**947331**	①	●	●	●	●	●	●	●	●	●	■
	●	KR**947332**	①	●	●	●	●	●	●	●	●	●	■
down 165 wallwasher high output **LxW** 173x173 **H** 210	○	KR**947441**	②	●	●	●	●	●	●	●	●	●	■
	●	KR**947442**	②	●	●	●	●	●	●	●	●	●	■

■ **Optional accessories**

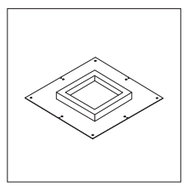
Plasterkit concrete	KR**747712**	Plasterkit for concrete installation
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W
	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K	15,2W	700mA	756lm
	CRI90	2700K/3000K/4000K	16,5W	700mA	756lm
	CRI98	2700K/3000K/4000K	13,9W	500mA	597lm
② LED	CRI83	2700K/3000K/4000K	25,7W	1050mA	1161lm
	CRI90	2700K/3000K/4000K	25,7W	1050mA	1161lm
	CRI98	2700K/3000K/4000K	20W	1050mA	774lm

REMARKS

Thickness boardmaterial:
9-26mm
Gear excluded.
◈ IP 40

Plasterkit concrete

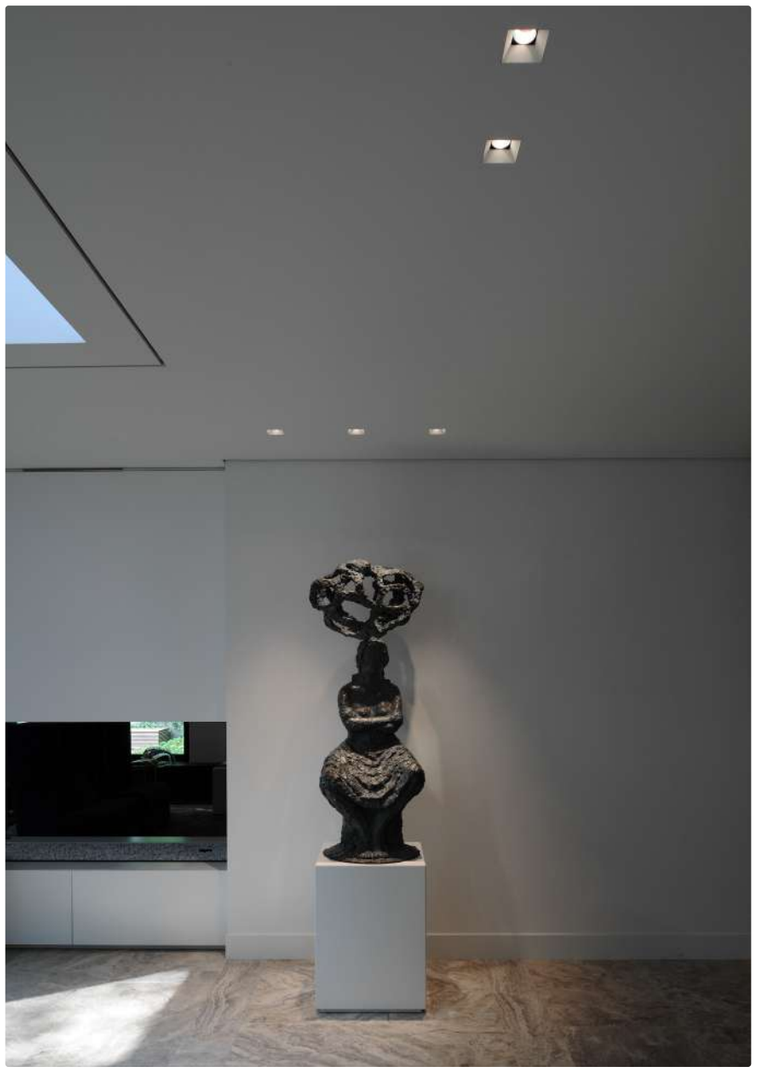


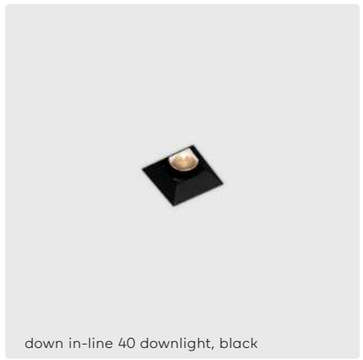
kreon down in-line

kreon down in-line directional is a fully recessed spotlight with a built-in snoot that serves two purposes. Firstly it absorbs stray flux, thus aiding beam control, and secondly it provides an integrated mounting ring for the fixation of additional optical lenses for increased optimisation. kreon down in-line directional has a rotational adjustment of 360° and an angular adjustment of 30° which, when combined with the choice of spot, flood and wide flood TIR reflector, provides a truly versatile accent lighting tool.

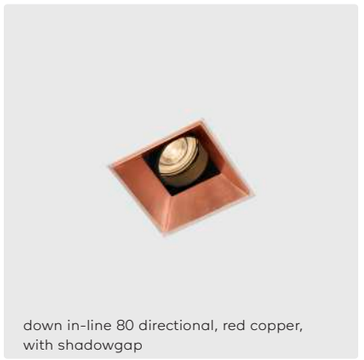
kreon down in-line fixed is the perfect solution for general lighting and features a flood beam mirror reflector set above the black or white internal louvre, optimised to create pools of light on horizontal surfaces or dramatic scalloping effects on verticals.

kreon down in-line wallwasher provides near perfect uniformity on vertical surfaces. This is made possible by the unique optical design that is capable of reflecting light to the very top of adjacent walls through a full 180° beam angle, whilst still maintaining an effective downlight component.





down in-line 40 downlight, black



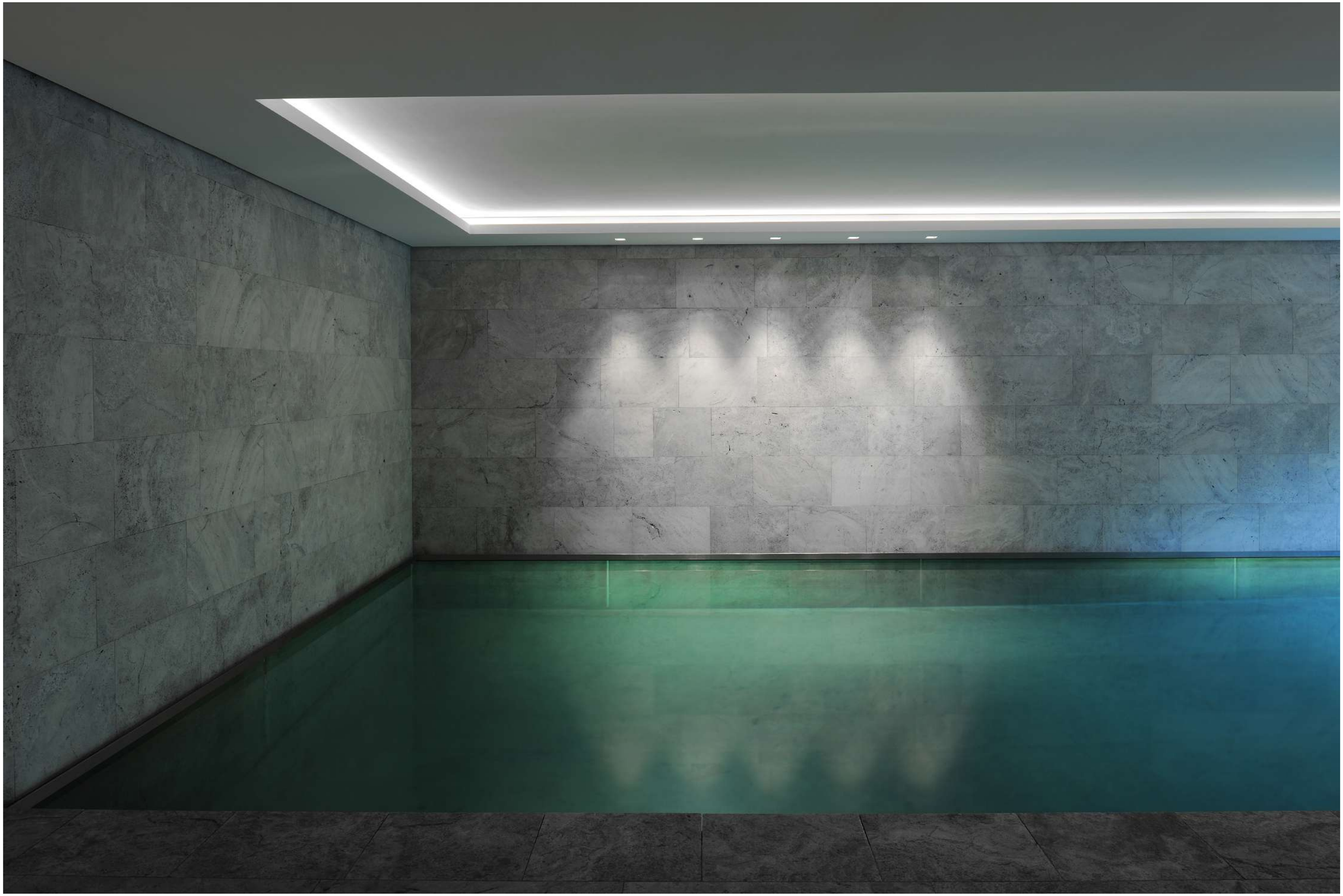
down in-line 80 directional, red copper, with shadowgap

down in-line 120 wallwasher, black

down in-line 165 directional, white

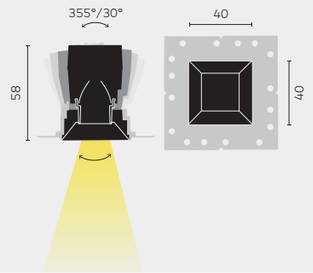
Project Private residence
Location Laren, the Netherlands

Architect BOS Architecten
Photographer Serge Brison

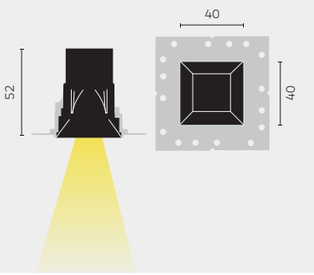


kreon down in-line 40

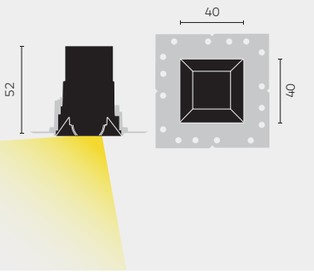
down in-line 40 directional



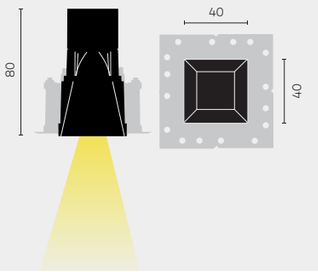
down in-line 40 downlight



down in-line 40 wallwasher



down in-line 40, deep recessed louvre



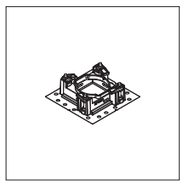
	Colour	KR-code	Light sources	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** Spot (10°)	**FL** Flood (24°)	**WFL** Wide flood (46°)	**OV** Oval (42° + 12°)	Required accessories ❶	Optional accessories ❶
down in-line 40 directional LxW 63x63 H 80 **Glare snoot**: incl.		KR**907733**	①	●	●	●	●	●	●	●		■	■
down in-line 40 downlight LxW 63x63 H 80		KR**907033**	②	●	●	●	●	●	●	●	●	■	■
down in-line 40 wallwasher LxW 63x63 H 80	○	KR**907331**	③	●	●	●	●					■	■
	●	KR**907332**	③	●	●	●	●					■	■

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI80+	2700K/3000K	2W	700mA	153lm
			3,2W	1050mA	219lm
	CRI90+	2700K/3000K	2W	700mA	121lm
			3,2W	1050mA	143lm
② LED	CRI80+	2700K/3000K	2W	700mA	172lm
			3,2W	1050mA	262lm
	CRI90+	2700K/3000K	2W	700mA	138lm
			3,2W	1050mA	172lm
③ LED	CRI80+	2700K/3000K	2W	700mA	77lm
			3,2W	1050mA	90lm
	CRI90+	2700K/3000K	2W	700mA	47lm
			3,2W	1050mA	71lm

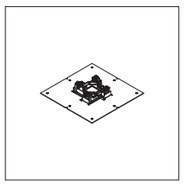
REMARKS
❶ Find accessories on page 446-447.

Thickness boardmaterial:
9-14mm
Gear excluded.
◈ IP40

Plasterkit



Plasterkit concrete



■ Required accessories

Plasterkit	KR**707114**	Plasterkit, no shadowgap
Plasterkit concrete	KR**707111**	Plasterkit for concrete installation
Louvre	KR**707116**	Louvre, white
	KR**707112**	Louvre, black
	KR**707115**	Louvre, gun black
	KR**707113**	Louvre, red satin copper
Louvre IP44 (only for downlight) ❶	KR**707311**	Louvre IP44, white
	KR**707312**	Louvre IP44, black
Deep recessed installation (only for downlight) ❷	KR**707714**	Plasterkit, deep recessed, no shadowgap
	KR**707711**	Plasterkit for concrete installation, deep recessed, no shadowgap
	KR**707716**	Deep recessed louvre, white
	KR**707702**	Deep recessed louvre, black

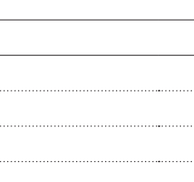
■ Optional accessories

Driver	KR**752730**	LED driver, 700mA, ON/OFF, 3W (IP65) ❸
	KR**752733**	LED driver, 700mA, DALI, 10W ❹
	KR**772142**	LED driver, 1050mA, 1-10V, 39W ❹
	KR**772443**	LED driver, 1050mA, DALI, 60W ❹
Distance ring (for plasterkit concrete)	KR**707317**	Distance ring 2mm (set of 5 pcs.)
	KR**707318**	Distance ring 3mm (set of 5 pcs.)
	KR**707319**	Distance ring 5mm (set of 5 pcs.)

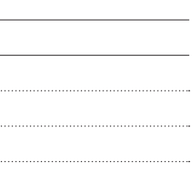
REMARKS
❶ IP44 connection in plenum required.
❷ It's recommended to use a spot or flood beam.
❸ Driver fits through the installation hole. Other types of dimmable drivers should be placed on remote.
❹ Should be placed on remote.

Thickness boardmaterial:
9-14mm
Gear excluded.
◈ IP40

Plasterkit

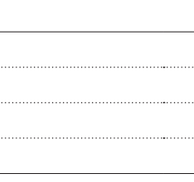


Plasterkit concrete



Plasterkit deep recessed

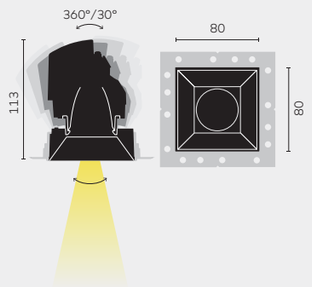
Plasterkit concrete deep recessed



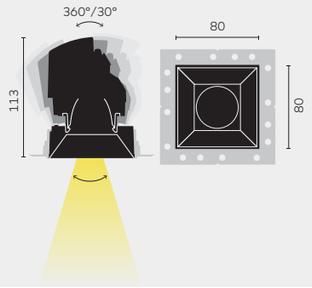
Deep recessed louvre

kreon down in-line 80 high efficiency

down in-line 80 HE spot



down in-line 80 HE flood



	KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	SP spot (30°)	FL flood (50°)	Required accessories	Optional accessories
down in-line 80 HE directional spot LxW 102x102 D 120 **Gear:** excl., IP40	KR**917023**	①	●	●	●		■	■
down in-line 80 HE directional flood LxW 102x102 D 120 **Gear:** excl., IP40	KR**917123**	②	●	●		●	■	■

■ **Required accessories**

Plasterkit	KR**717114**	Plasterkit, no shadowgap
	KR**717118**	Plasterkit, shadowgap
Plasterkit concrete	KR**717111**	Plasterkit for concrete installation, no shadowgap (430x430)
	KR**717412**	Plasterkit for concrete installation, no shadowgap, small (200x200)
	KR**717119**	Plasterkit for concrete installation, shadowgap (430x430)
	KR**717417**	Plasterkit for concrete installation, shadowgap, small (200x200)
Louvre	KR**717116**	Louvre, white
	KR**717112**	Louvre, black
	KR**717115**	Louvre, gun black
	KR**717113**	Louvre, red satin copper

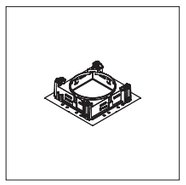
■ **Optional accessories**

Driver for ①	KR**747464**	LED driver, 300mA, 16W, ON/OFF
	KR**747562**	LED driver, 300mA, 15W, 1-10V
	KR**747666**	LED driver, 300mA, 16W, DALI
Driver for ②	KR**747064**	LED driver, 350mA, 18W, ON/OFF
	KR**747162**	LED driver, 350mA, 18W, 1-10V
	KR**747266**	LED driver, 350mA, 15W, DALI
Distance ring (for plasterkit concrete)	KR**717317**	Distance ring 2mm (set of 5 pcs.)
	KR**717318**	Distance ring 3mm (set of 5 pcs.)
	KR**717319**	Distance ring 5mm (set of 5 pcs.)

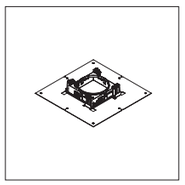
	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI90+	2700K/3000K	9,9W	300mA	736lm
② LED	CRI90+	2700K/3000K	12W	350mA	995lm

REMARKS
Thickness boardmaterial:
9-26mm
Gear excluded
IP40

Plasterkit

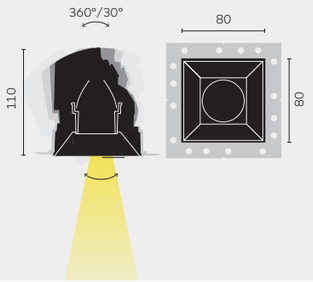


Plasterkit concrete

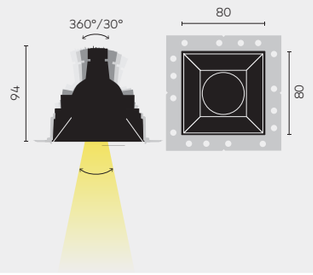


kreon down in-line 80

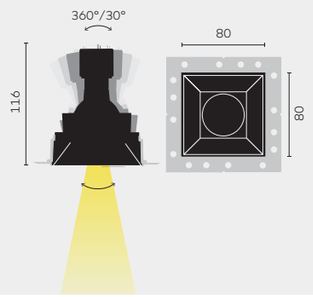
down in-line 80 directional LED



down in-line 80 directional LED MR16



down in-line 80 directional LED PAR16



	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	SP Spot (18°)	FL Flood (28°)	WFL Wide flood (48°)	Required accessories ❶	Optional accessories ❶
down in-line 80 directional LED LxW 102x102 H 120 **Filter holder**: incl., **glare snoot**: incl.	KR**917933**	①	●	●	●	●	●	●	●	●	●	●	●	●	■	■
down in-line 80 directional LED MR16 LxW 102x102 H 110 **Filter holder**: incl., **lamp**: excl., **glare snoot**: incl.	KR**917803**	②													■	■
down in-line 80 directional LED PAR16 LxW 102x202 H 125 **Filter holder**: incl., **lamp**: excl., **glare snoot**: incl.	KR**917843**	③													■	■

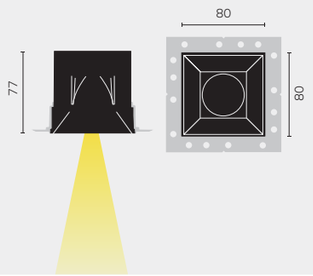
	CRI	CCT	Wattage	Voltage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K		15,6W	700mA	690lm
	CRI90	2700K/3000K/4000K		15,6W	700mA	690lm
	CRI98	2700K/3000K/4000K		15,2W	700mA	494lm
② LED MR16			12V	15W		
③ LED PAR16			230V	15W		

REMARKS
❶ Find accessories on page 454-455.

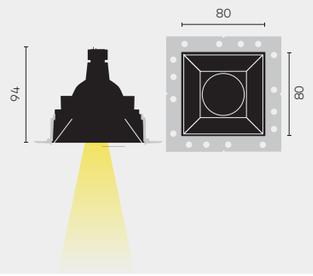
Thickness boardmaterial: 9-26mm
Gear excluded
IP40

kreon down in-line 80

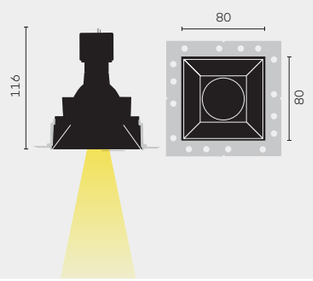
down in-line 80 downlight LED



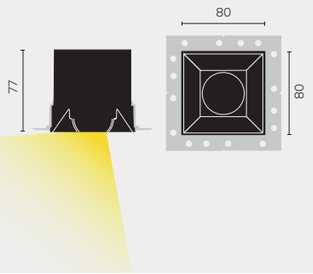
down in-line 80 downlight LED MR16



down in-line 80 downlight LED PAR16



down in-line 80 wallwasher LED



	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	Required accessories ❶	Optional accessories ❶
down in-line 80 downlight LED LxW 102x102 H 100 **Wide flood reflector (38°)**: incl.	KR**917033**	①	●	●	●	●	●	●	●	●	●	■	■
down in-line 80 downlight LED MR16 LxW 102x102 H 110 **Lamp**: excl.	KR**917233**	②										■	■
down in-line 80 downlight LED PAR16 LxW 102x102 H 125 **Lamp**: excl.	KR**917253**	③										■	■
down in-line 80 wallwasher LED LxW 102x102 H 100 **Wallwash reflector**: incl.	KR**917331**	④	●	●	●	●	●	●	●	●	●	■	■
	KR**917332**	④	●	●	●	●	●	●	●	●	●	■	■

	CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K		9,5W	700mA	985lm
	CRI90	2700K/3000K/4000K		11,4W	700mA	985lm
	CRI98	2700K/3000K/4000K		9,2W	500mA	731lm
② LED MR16			12V	15W		
③ LED PAR16			230V	15W		
④ LED	CRI83	2700K/3000K/4000K		9,5W	700mA	509lm
	CRI90	2700K/3000K/4000K		11,4W	700mA	509lm
	CRI98	2700K/3000K/4000K		9,2W	500mA	378lm

REMARKS
❶ Find accessories on page 454-455.

Thickness boardmaterial: 9-26mm
Gear excluded.
IP40

■ **Required accessories**

Plasterkit	KR**717114**	Plasterkit, no shadowgap	
	KR**717118**	Plasterkit, shadowgap	
Plasterkit concrete	KR**717111**	Plasterkit for concrete installation, no shadowgap (430x430)	
	KR**717412**	Plasterkit for concrete installation, no shadowgap, small (200x200)	
	KR**717119**	Plasterkit for concrete installation, shadowgap (430x430)	
	KR**717417**	Plasterkit for concrete installation, shadowgap, small (200x200)	
Louvres	KR**717116**	Louvre, white	
	KR**717112**	Louvre, black	
	KR**717115**	Louvre, gun black	
	KR**717113**	Louvre, red satin copper	
Louvre IP44 (only for downlight) ❶	KR**717316**	Louvre IP 44, white	
	KR**717312**	Louvre IP 44, black	

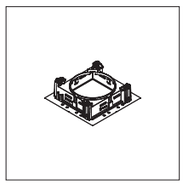
■ **Optional accessories**

Lenses (only for directional) ❷	KR**704100**	Sculpture lens ❸	
	KR**704200**	Diffusing lens	
	KR**704800**	Softening lens	
	KR**772342**	Anti-glare louvre ❸	more info about louvres & lenses on page 682
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W	
	KR**772220**	LED driver, 500mA, 1-10V, 20W	
	KR**772126**	LED driver, 500mA, DALI, 18W	
	KR**772432**	LED driver, 500mA, phase dim, 15W	
	KR**772034**	LED driver, 700mA, ON/OFF, 20W	
	KR**772232**	LED driver, 700mA, 1-10V, 20W	
	KR**772236**	LED driver, 700mA, DALI, 18W	
	KR**772430**	LED driver, 700mA, phase dim, 25W	
	KR**772431**	LED driver, 700mA, phase dim, 14W	
Distance ring (for plasterkit concrete)	KR**717317**	Distance ring 2mm (set of 5 pcs.)	
	KR**717318**	Distance ring 3mm (set of 5 pcs.)	
	KR**717319**	Distance ring 5mm (set of 5 pcs.)	

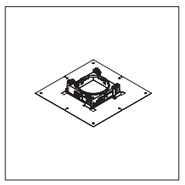
REMARKS
❶ IP 44 connection in plenum required.
❷ Only one optional lens or louvre possible.
❸ Use only in combination with spot optic.

Thickness boardmaterial:
9-26mm

Plasterkit

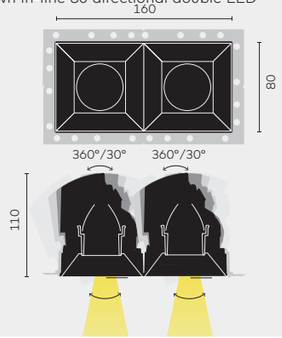


Plasterkit concrete

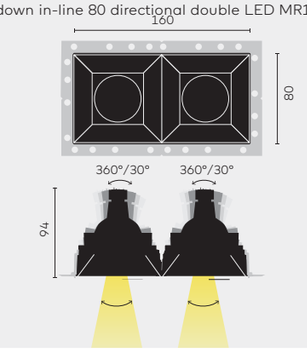


kreon down in-line 80

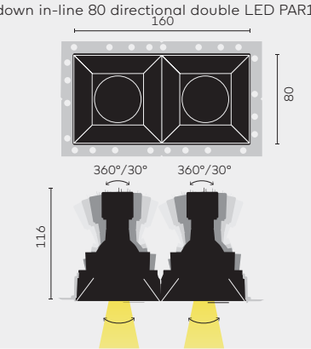
down in-line 80 directional double LED



down in-line 80 directional double LED MR16



down in-line 80 directional double LED PAR16



		KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	SP Spot (18°)	FL Flood (28°)	WFL Wide flood (36°)	Required accessories	Optional accessories
	down in-line 80 directional double LED **LxW** 176x102 **H** 120 **Filter holder**: incl., **glare snoot**: incl.	KR**917933** x 2	①	●	●	●	●	●	●	●	●	●	●	●	●	■	■
	down in-line 80 directional double LED MR16 **LxW** 176x102 **H** 110 **Filter holder**: incl., **lamp**: excl.	KR**917803** x 2	②													■	■
	down in-line 80 directional double LED PAR16 **LxW** 176x102 **H** 125 **Filter holder**: incl., **lamp**: excl.	KR**917843** x 2	③													■	■

■ **Required accessories**

Double plasterkit	KR**727114**	Double plasterkit, no shadowgap
Louvre	KR**717116** x 2	Louvre, white
	KR**717112** x 2	Louvre, black
	KR**717115** x 2	Louvre, gun black
	KR**717113** x 2	Louvre, red satin copper

■ **Optional accessories**

Lenses ❶	KR**704100** x 2	Sculpture lens ❷
	KR**704200** x 2	Diffusing lens
	KR**704800** x 2	Softening lens
	KR**772342** x 2	Anti-glare louvre ❷
Driver	KR**772034** x 2	LED driver, 700mA, ON/OFF, 20W
	KR**772232** x 2	LED driver, 700mA, 1-10V, 20W
	KR**772236** x 2	LED driver, 700mA, DALI, 18W
	KR**772430** x 2	LED driver, 700mA, phase dim, 25W
	KR**772431** x 2	LED driver, 700mA, phase dim, 14W

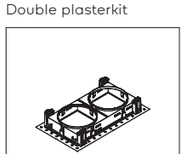
more info about louvres & lenses on page 682

	CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K		2 x 15,6W	700mA	1380lm
	CRI90	2700K/3000K/4000K		2 x 15,6W	700mA	1380lm
	CRI98	2700K/3000K/4000K		2 x 15,2W	700mA	987lm
② LED MR16			12V	2 x 15W		
③ LED PAR16			230V	2 x 15W		

REMARKS
❶ Only one optional lens or louvre possible.
❷ Use only in combination with spot optic.

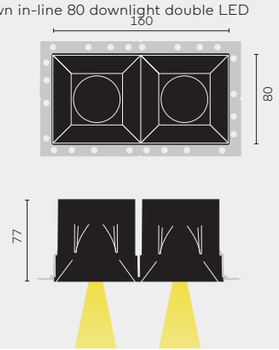
Thickness boardmaterial:
9-26mm
Gear excluded
IP40

Double plasterkit

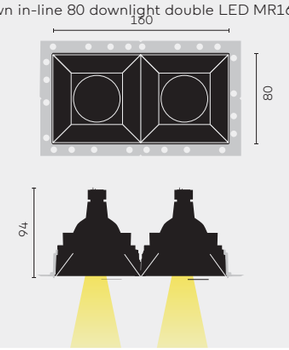


kreon down in-line 80

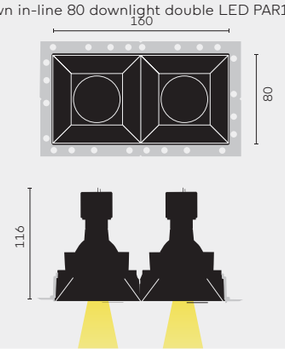
down in-line 80 downlight double LED



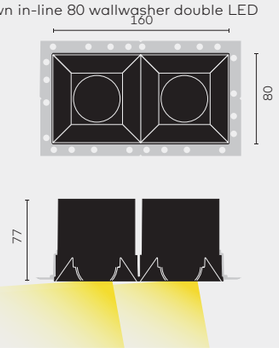
down in-line 80 downlight double LED MR16



down in-line 80 downlight double LED PAR16



down in-line 80 wallwasher double LED



		KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	Required accessories	Optional accessories
	down in-line 80 downlight double LED **LxW** 176x102 **H** 100 **Wide flood reflector 45°**: incl.	KR**917033** x 2	①	●	●	●	●	●	●	●	●	●	■	■
	down in-line 80 downlight double LED MR16 **LxW** 176x102 **H** 110 **Lamp**: excl.	KR**917233** x 2	②										■	■
	down in-line 80 downlight double LED PAR16 **LxW** 176x102 **H** 125 **Lamp**: excl.	KR**917253** x 2	③										■	■

■ **Required accessories**

Double plasterkit	KR**727114**	Double plasterkit, no shadowgap
Louvre	KR**717116** x 2	Louvre, white
	KR**717112** x 2	Louvre, black
	KR**717115** x 2	Louvre, gun black
	KR**717113** x 2	Louvre, red satin copper
Louvre IP44 (only for downlight) ❶	KR**717316** x 2	Louvre IP 44, white
	KR**717312** x 2	Louvre IP 44, black

■ **Optional accessories**

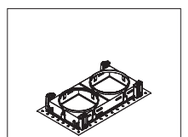
Driver	KR**772024** x 2	LED driver, 500mA, ON/OFF, 20W
	KR**772220** x 2	LED driver, 500mA, 1-10V, 20W
	KR**772126** x 2	LED driver, 500mA, DALI, 18W
	KR**772034** x 2	LED driver, 700mA, ON/OFF, 20W,
	KR**772232** x 2	LED driver, 700mA, 1-10V, 20W
	KR**772236** x 2	LED driver, 700mA, DALI, 18W

	CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K		2 x 9,5W	700mA	1970lm
	CRI90	2700K/3000K/4000K		2 x11,4W	700mA	1970lm
	CRI98	2700K/3000K/4000K		2 x 9,2W	500mA	1463lm
② LED MR16			12V	2 x 15W		
③ LED PAR16			230V	2 x 15W		

REMARKS
❶ IP 44 connection in plenum required.

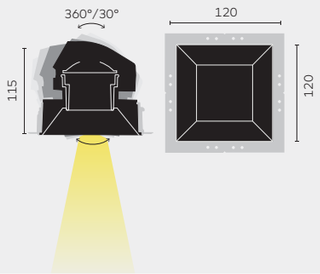
Thickness boardmaterial:
9-26mm
Gear excluded.
IP40

Double plasterkit

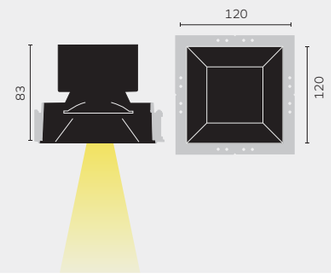


kreon down in-line 120

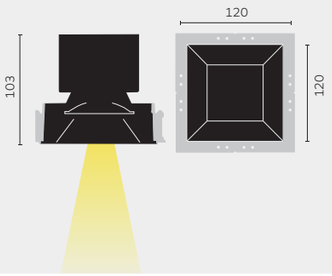
down in-line 120 directional



down in-line 120 downlight low output



down in-line 120 downlight high output



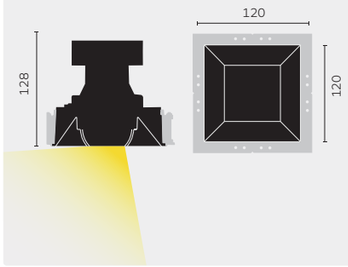
	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	SP Spot (12°)	FL Flood (28°)	WFL Wide flood (34°)	Required accessories ❶	Optional accessories ❶
down in-line 120 directional LxW 144x144 H 140 **Filter holder**: incl., **glare snoot**: incl.	KR**907933**	①	●	●	●	●	●	●	●	●	●	●	●	●	■	■
down in-line 120 downlight low output LxW 144x144 H 110 **Filter holder**: incl.	KR**907233**	②	●	●	●	●	●	●	●	●	●	●	●	●	■	■
down in-line 120 downlight high output LxW 144x144 H 130	KR**907243**	③	●	●	●	●	●	●	●	●	●		●	●	■	■

		CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	**SP**	CRI83	2700K/3000K/4000K	15,6W	700mA	1274lm
		CRI90	2700K/3000K/4000K	15,6W	700mA	800lm
		CRI98	2700K/3000K/4000K	15,2W	700mA	573lm
	FL& WFL	CRI83	2700K/3000K/4000K	15,2W	700mA	1021lm
		CRI90	2700K/3000K/4000K	17,1W	700mA	987lm
		CRI98	2700K/3000K/4000K	12,9W	700mA	691lm
② LED	**SP**	CRI83	2700K/3000K/4000K	15,6W	700mA	1114lm
		CRI90	2700K/3000K/4000K	15,6W	700mA	1004lm
		CRI98	2700K/3000K/4000K	15,2W	700mA	839lm
	FL& WFL	CRI83	2700K/3000K/4000K	15,2W	700mA	1666lm
		CRI90	2700K/3000K/4000K	17,1W	700mA	1609lm
		CRI98	2700K/3000K/4000K	12,9W	700mA	1127lm
③ LED		CRI83	2700K/3000K/4000K	25,6W	1050mA	2610lm
		CRI90	2700K/3000K/4000K	25,7W	1050mA	2430lm
		CRI98	2700K/3000K/4000K	20W	1050mA	1605lm

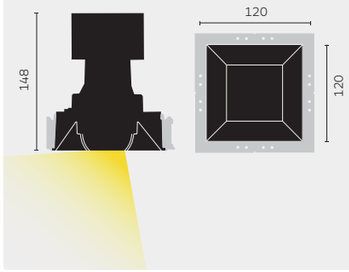
REMARKS
❶ Find accessories on page 464-465.

Thickness boardmaterial: 9-26mm
Gear excluded.
◈ IP40

down in-line 120 wallwasher low output



down in-line 120 wallwasher high output



	Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	Required accessories ❶	Optional accessories ❶
down in-line 120 wallwasher low output LxW 144x144 H 150 **Wallwash reflector**: incl.	○	KR**907531**	①	●	●	●	●	●	●	●	●	●	■	■
	●	KR**907532**	①	●	●	●	●	●	●	●	●	●	■	■
down in-line 120 wallwasher high output LxW 144x144 H 170 **Wallwash reflector**: incl.	○	KR**907541**	②	●	●	●	●	●	●	●	●	●	■	■
	●	KR**907542**	②	●	●	●	●	●	●	●	●	●	■	■

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K	15,2W	700mA	937lm
	CRI90	2700K/3000K/4000K	17,1W	700mA	906lm
	CRI98	2700K/3000K/4000K	12,9W	700mA	633lm
② LED	CRI83	2700K/3000K/4000K	25,6W	1050mA	1385lm
	CRI90	2700K/3000K/4000K	25,7W	1050mA	1275lm
	CRI98	2700K/3000K/4000K	20W	1050mA	840lm

REMARKS
❶ Find accessories on page 464-465.

Thickness boardmaterial: 9-26mm
Gear excluded.
◈ IP40

■ Required accessories

Plasterkit	KR**707214**	Plasterkit, no shadowgap
	KR**707218**	Plasterkit, shadowgap
Plasterkit concrete	KR**707219**	Plasterkit for concrete installation, no shadowgap
	KR**707211**	Plasterkit for concrete installation, shadowgap
Louvre	KR**707216**	Louvre, white
	KR**707212**	Louvre, black
Louvre IP44 (only for downlight) ❶	KR**707416**	Louvre IP 44, white
	KR**707412**	Louvre IP 44, black

■ Optional accessories

Lenses (only for directional) ❷	KR**750100**	Sculpture lens ❸
	KR**750200**	Diffusing lens
	KR**750800**	Softening lens
Driver	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772430**	LED driver, 700mA, phase dim, 25W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W
Distance ring (for plasterkit concrete)	KR**707417**	Distance ring 2mm (set of 5 pcs.)
	KR**707418**	Distance ring 3mm (set of 5 pcs.)
	KR**707419**	Distance ring 5mm (set of 5 pcs.)

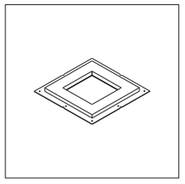
more info about louvres & lenses on page 682

REMARKS
❶ IP 44 connection in plenum required.
❷ Only one optional lens or louvre possible.
❸ Use only in combination with spot optic.

Thickness boardmaterial:
9-26mm
Gear excluded.
◈ IP40

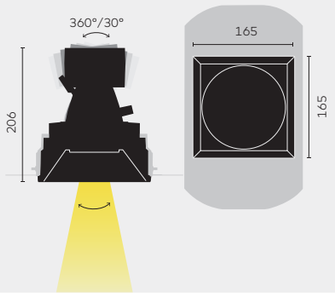
Plasterkit

Plasterkit concrete

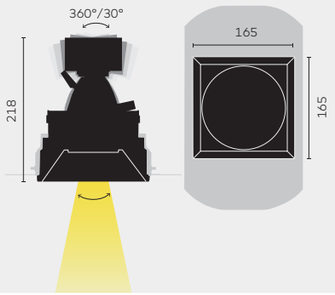


kreon down in-line 165

down in-line 165 directional low output



down in-line 165 directional high output



	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	Required accessories	Optional accessories
down in-line 165 directional low output **LxW** 186x186 **H** 230 **Filter holder**: incl., **glare snoot**: incl.	KR**917833**	①	●	●	●	●	●	●	●	●	●	■	■
down in-line 165 directional high output **LxW** 186x186 **H** 250 **Filter holder**: incl., **glare snoot**: incl.	KR**917343**	②	●	●	●	●	●	●	●	●	●	■	■

■ **Required accessories**

Plasterkit	KR**717214**	Plasterkit, no shadowgap
	KR**717218**	Plasterkit, shadowgap
Plasterkit concrete	KR**717219**	Plasterkit for concrete installation, no shadowgap
	KR**717211**	Plasterkit for concrete installation, shadowgap
Louvre	KR**717216**	Louvre, white
	KR**717212**	Louvre, black
Reflector	KR**720032**	Reflector LED, spot 13°
	KR**720034**	Reflector LED, flood 23°
	KR**720036**	Reflector LED, wide flood 40°

■ **Optional accessories**

Lenses ❶	KR**720100**	Sculpture lens ❷
	KR**720200**	Diffusing lens
	KR**720800**	Softening lens
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W
	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W

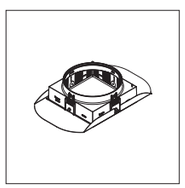
more info about louvres & lenses on page 682

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K	15,2W	700mA	1250lm
	CRI90	2700K/3000K/4000K	16,5W	700mA	1250lm
	CRI98	2700K/3000K/4000K	13,9W	500mA	988lm
② LED	CRI83	2700K/3000K/4000K	25,7W	1050mA	1874lm
	CRI90	2700K/3000K/4000K	25,7W	1050mA	1874lm
	CRI98	2700K/3000K/4000K	20W	1050mA	1249lm

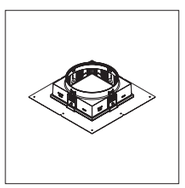
REMARKS
❶ Only one optional lens or louvre possible.
❷ Use only in combination with spot optic.

Thickness boardmaterial:
9-26mm
Gear excluded.
◈ IP40

Plasterkit

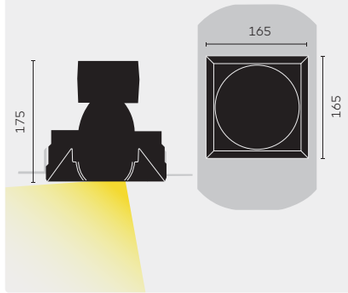


Plasterkit concrete

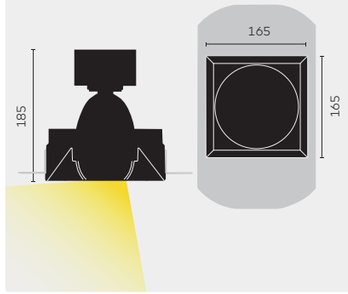


kreon down in-line 165

down in-line 165 wallwasher low output



down in-line 165 wallwasher high output



	Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	8340 4000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9040 4000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	9840 4000K, CRI98	Required accessories	Optional accessories
down in-line 165 wallwasher low output **LxW** 186x186 **H** 200	○	KR**917431**	①	●	●	●	●	●	●	●	●	●	■	■
	●	KR**917432**	①	●	●	●	●	●	●	●	●	●	■	■
down in-line 165 wallwasher high output **LxW** 186x186 **H** 210	○	KR**917441**	②	●	●	●	●	●	●	●	●	●	■	■
	●	KR**917442**	②	●	●	●	●	●	●	●	●	●	■	■

■ **Required accessories**

Plasterkit	KR**717214**	Plasterkit, no shadowgap
	KR**717218**	Plasterkit, shadowgap
Plasterkit concrete	KR**717219**	Plasterkit for concrete installation, no shadowgap
	KR**717211**	Plasterkit for concrete installation, shadowgap
Louvre	KR**717216**	Louvre, white
	KR**717212**	Louvre, black

■ **Optional accessories**

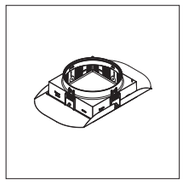
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W
	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K/3000K/4000K	15,2W	700mA	756lm
	CRI90	2700K/3000K/4000K	16,5W	700mA	756lm
	CRI98	2700K/3000K/4000K	13,9W	500mA	597lm
② LED	CRI83	2700K/3000K/4000K	25,7W	1050mA	1161lm
	CRI90	2700K/3000K/4000K	25,7W	1050mA	1161lm
	CRI98	2700K/3000K/4000K	20W	1050mA	774lm

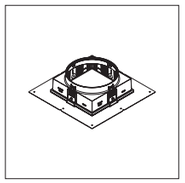
REMARKS

Thickness boardmaterial:
9-26mm
Gear excluded.
◈ IP40

Plasterkit



Plasterkit concrete



kreon erubo

kreon erubo is a range of architectural spotlights characterised by its simple geometric forms that contain LED light sources and electronic dimmable drivers.

kreon erubo is available in a range of outputs and colour temperatures and can be either individually mounted or installed on a flexible track system, providing an excellent solution for display lighting in homes, shops or galleries.

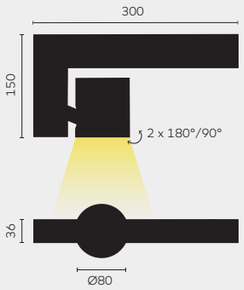
erubo, white

erubo on-track, black

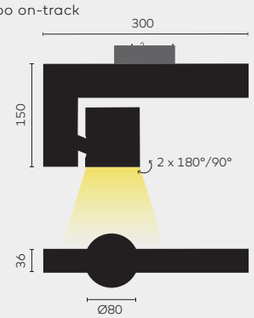
Project Van Zon Headquarters
Location Lommel, Belgium

Architect HVC Architecten
Photographer Serge Brison

erubo



erubo on-track



	Colour	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**SP** Spot (12°)	**FL** Flood (24°)	**WFL** Wide flood (38°)	Optional accessories
erubo low output **Gear:** incl., phase dimming	○	KR**921535**	①	●	●	●	●	●	●	●	●	●	●	■
	●	KR**921532**	①	●	●	●	●	●	●	●	●	●	●	■
erubo high output **Gear:** incl., phase dimming	○	KR**921635**	②	●	●	●	●	●				●	●	■
	●	KR**921632**	②	●	●	●	●	●				●	●	■
erubo high output **Gear:** incl., 1-10v dimming	○	KR**921645**	③	●	●	●	●	●	●	●		●	●	■
	●	KR**921642**	③	●	●	●	●	●	●	●		●	●	■
erubo high output **Gear:** incl., DALI dimming	○	KR**921655**	③	●	●	●	●	●	●	●		●	●	■
	●	KR**921652**	③	●	●	●	●	●	●	●		●	●	■
erubo on-track low output **Gear:** incl., phase dimming	○	KR**927535**	①	●	●	●	●	●	●	●	●	●	●	■
	●	KR**927532**	①	●	●	●	●	●	●	●	●	●	●	■
erubo on-track high output **Gear:** incl., phase dimming	○	KR**927635**	②	●	●	●	●	●				●	●	■
	●	KR**927632**	②	●	●	●	●	●				●	●	■
erubo on-track high output **Gear:** incl., 1-10v dimming	○	KR**927645**	③	●	●	●	●	●	●	●		●	●	■
	●	KR**927642**	③	●	●	●	●	●	●	●		●	●	■
erubo on-track high output **Gear:** incl., DALI dimming	○	KR**927655**	③	●	●	●	●	●	●	●		●	●	■
	●	KR**927652**	③	●	●	●	●	●	●	●		●	●	■

■ **Optional accessories**

Lenses ❷	KR**762002**	Anti-glare louvre
3~ circuit track	See page 638	

		CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	**SP**	CRI83	2700K/3000K	230V	15,6W	1051lm
		CRI90	2700K/3000K/4000K	230V		
		CRI98	2700K/3000K	230V	19W	897lm
	FL & WFL	CRI83	2700K/3000K	230V	9,5W	1037lm
		CRI98	2700K/3000K	230V	13,3W	1037lm
② LED	**FL & WFL**	CRI83	2700K/3000K		15,2W	1595lm
③ LED		CRI83	2700K/3000K		19,1W	1595lm
	FL & WFL	CRI90	2700K/3000K		19,1W	1595lm
		CRI98	2700K/3000K		17,2W	1037lm

REMARKS
❶ For track accessories, see page 638. In case of 1-10V or DALI, use track accessories with databus.
❷ One optional accessory.

Gear included.
IP40

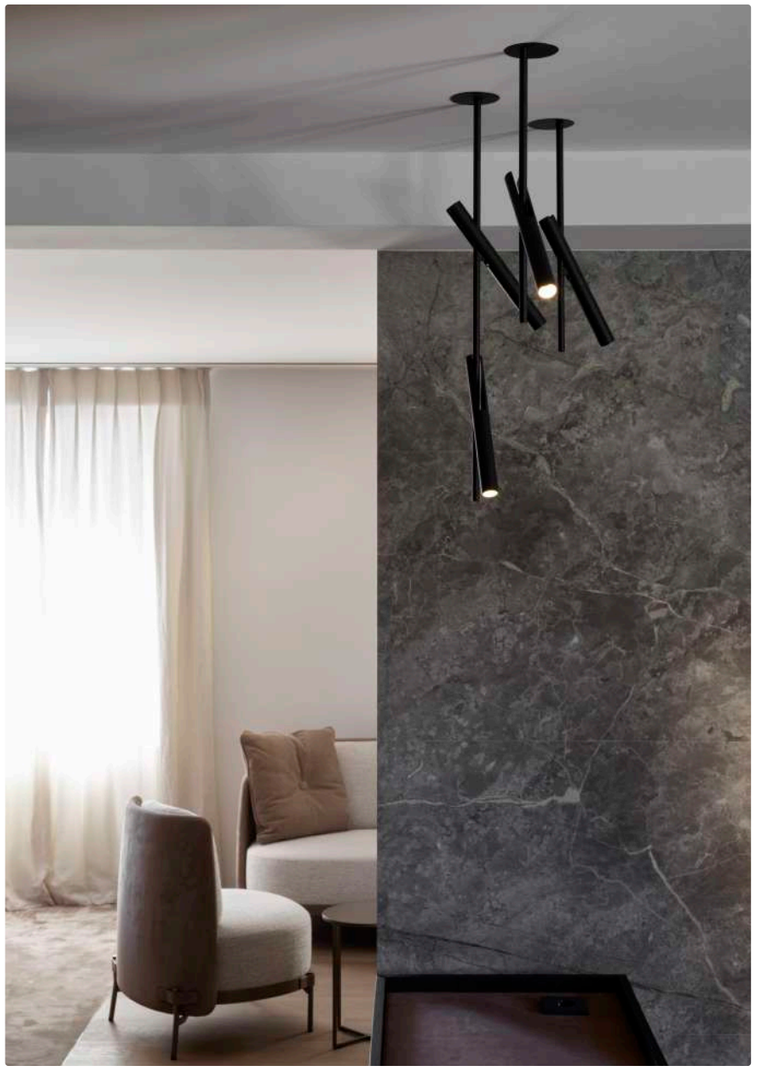
kreon esprit

kreon esprit comes in three different types: free-standing, ceiling mounted or suspended with single, double and in the suspended version up to 4 lamp heads. The kreon esprit adjustable slim-lined spotlights are available in black or white, in 2700K and 3000K LED for both CRI80+ and CRI90+. The luminaire heads can be rotated by 355° and placed in any random angle from 0° to 90°. kreon esprit ceiling can be recessed mounted using the kreon down 80 trimless plasterkit.

kreon esprit floor is a free-standing luminaire with a square base in either white Carrara marble or natural blue steel. Also available with Casambi Bluetooth remote dimming and switching function. kreon esprit pendant are 3 or 4 individual lampheads mounted on a slender horizontal bar with steel tension cable suspension for maximum flexibility. It can be installed as an individual element or in a cluster of two or more.

Project Private residence
Location Brecht, Belgium

Architect 'D' Architectural Concepts
Photographer Arne Jennard



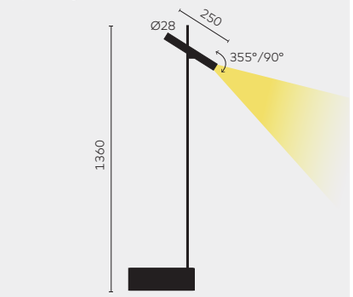
esprit single floor, marble base

esprit double ceiling, white

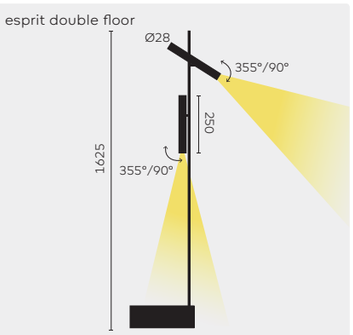
esprit pendant, black

Project Private residence **Location** Kuala Lumpur, Malaysia

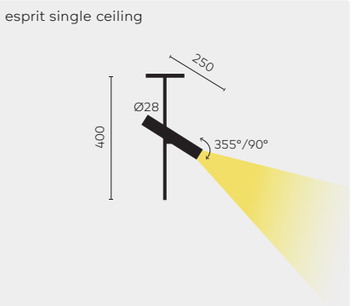
esprit single floor



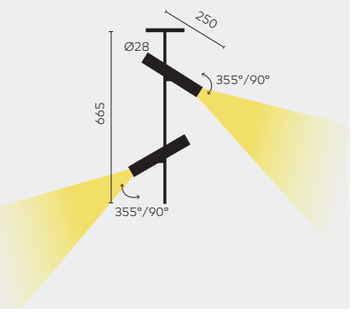
esprit double floor



esprit single ceiling



esprit double ceiling



		Colour	KR-code	Light sources	8027 2700K, CRI80+	8030 3000K, CRI80+	9027 2700K, CRI90+	9030 3000K, CRI90+	Required accessories	Optional accessories
esprit single floor **Gear:** incl. in base ⧈		○	KR**963111**	①	●	●	●	●	■	
		●	KR**963112**	①	●	●	●	●	■	
esprit double floor **Gear:** incl. in base ⧈		○	KR**963121**	②	●	●	●	●	■	
		●	KR**963122**	②	●	●	●	●	■	
esprit single ceiling **Gear:** excl, **plasterkit:** excl. ◈		○	KR**963011**	③	●	●	●	●	■	■
		●	KR**963012**	③	●	●	●	●	■	■
esprit double ceiling **Gear:** excl., **plasterkit:** excl. ◈		○	KR**963021**	④	●	●	●	●	■	■
		●	KR**963022**	④	●	●	●	●	■	■

■ **Required accessories**

Base esprit floor ❶	KR**763281**	Base, incl. driver, ON/OFF switchable, carrara bianco
	KR**763484**	Base, incl. driver, ON/OFF switchable, natural blue steel
	KR**763286**	Base, incl. driver, carrara bianco, bluetooth controllable ᛒ (Casambi inside)
	KR**763489**	Base, incl. driver, natural blue steel, bluetooth controllable ᛒ ❷ (Casambi inside)
Plasterkit esprit ceiling	KR**717104**	Trimless plasterkit, no shadowgap
	KR**717108**	Trimless plasterkit, shadowgap

■ **Optional accessories**

Driver esprit ceiling	KR**752730**	LED driver, 700mA, ON/OFF, 3W (IP65) ❸
	KR**752733**	LED driver, 700mA, DALI, 10W ❹
	KR**772142**	LED driver, 1050mA, 1-10V, 39W ❹
	KR**772443**	LED driver, 1050mA, DALI, 60W ❹

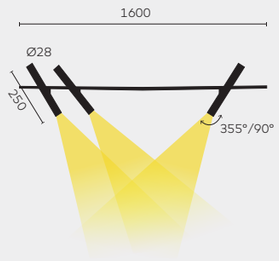
		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI80+	2700K	230V	2W		161lm
		CRI90+	2700K	230V	2W		129lm
②	LED	CRI80+	2700K	230V	2x2W		322lm
		CRI90+	2700K	230V	2x2W		258lm
③	LED	CRI80+	2700K		3,2W	max. 1050mA	191lm
		CRI90+	2700K		3,2W	max. 1050mA	156lm
④	LED	CRI80+	2700K		2x3,2W	max. 1050mA	382lm
		CRI90+	2700K		2x3,2W	max. 1050mA	313lm

REMARKS
❶ The base is supplied with a europlug. Other plugs available on request. The length of the power cord is 1,5 m.
❷ Max. 1 luminaire can be addressed in a Bluetooth network.
❸ Driver fits through the installation hole. Other types of dimmable drivers should be placed on remote.
❹ Should be placed on remote.

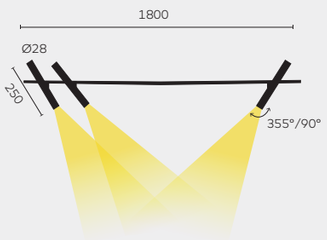
IP40

Plasterkit

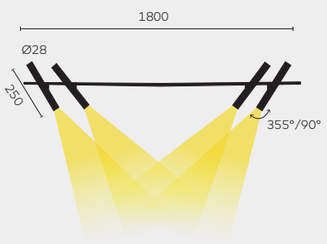
esprit pendant



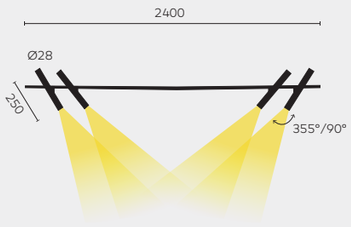
esprit pendant



esprit pendant



esprit pendant



	Colour	KR-code	Light sources	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	Required accessories	Optional accessories
esprit pendant Length: 1600	○	KR**963731**	①	●	●	●	●	■	■
	●	KR**963732**	①	●	●	●	●	■	■
esprit pendant Length: 1800	○	KR**963831**	①	●	●	●	●	■	■
	●	KR**963832**	①	●	●	●	●	■	■
esprit pendant Length: 1800	○	KR**963841**	②	●	●	●	●	■	■
	●	KR**963842**	②	●	●	●	●	■	■
esprit pendant Length: 2400	○	KR**963941**	②	●	●	●	●	■	■
	●	KR**963942**	②	●	●	●	●	■	■

■ **Required accessories**

Plasterkit		KR**717104**	Plasterkit, no shadowgap
		KR**717108**	Plasterkit, shadowgap
	○	KR**717021**	Installation kit with trim, white
	●	KR**717022**	Installation kit with trim, black
Connection box	○	KR**763391**	Round surface mounted connection box, white
	●	KR**763392**	Round surface mounted connection box, black
Surface mounted gearbox (ON/OFF gear incl.)	○	KR**791006**	Surface mounted gearbox, (for 2 up to 3 modules) - 1 circuit, white
	●	KR**791007**	Surface mounted gearbox, (for 2 up to 3 modules) - 1 circuit, black

■ **Optional accessories**

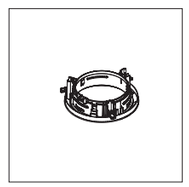
Driver	KR**752730**	LED driver, 700mA, ON/OFF, 3W ❶
	KR**752733**	LED driver, 700mA, DALI, 10W ❷
	KR**772142**	LED driver, 1050mA, 1-10V, 39W ❷
	KR**772443**	LED driver, 1050mA, DALI, 60W ❷

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI80+	2700K	3x3,2W	1050mA	573lm
	CRI90+	2700K	3x3,2W	1050mA	469lm
② LED	CRI80+	2700K	4x3,2W	1050mA	764lm
	CRI90+	2700K	4x3,2W	1050mA	625lm

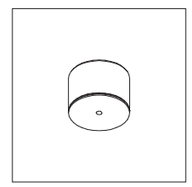
REMARKS
❶ Driver fits through the installation hole. Other types of dimmable drivers should be placed on remote.
❷ Should be placed on remote.

The horizontal suspension of esprit pendant may bend slightly.
Pendant cable: max. 2,5m
Gear: excl.
◈ IP40

Plasterkit

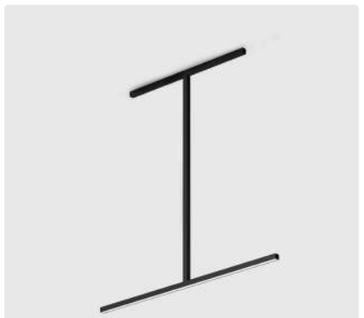


Connection box



kreon fuga

kreon fuga comes in 3 dimensions: 600, 900 and 1200. By combining the head, the pendant bar and the ceiling bar, different combinations can be configured. The lower horizontal bar includes a CRI85, 2700K or 3000K LED-strip with diffuser for homogenous light output. This bar can be repositioned to an offset position or in the middle of the vertical bar. The additional possibility to rotate the lower horizontal bar by 90° makes kreon fuga a dynamic pendant luminaire. ON-OFF drivers can be built in, DALI and 1-10V drivers are available for remote dimming.



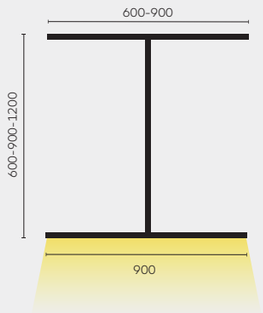
fuga 900-900-600, gear included

fuga 1200-600-1200, gear excluded

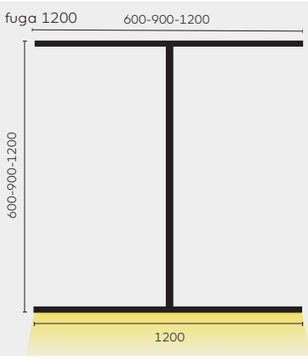
Project Delektro
Location Ede, the Netherlands

Architect Goed Yd
Photographer Serge Brison

fuga 900



fuga 1200



			Colour	KR-code	Light sources	**8527** 2700K, CRI85	**8530** 3000K, CRI85	**06** 600mm pendant	**09** 900mm pendant	**12** 1200mm pendant	**06** 600mm base	**09** 900mm base	**12** 1200mm base	Required accessories	Optional accessories
fuga 900 **Driver:** excl. ⟐	recessed mounted ❶		●	KR**974272**	①	●	●	●	●	●	●	●		■	■
	surface mounted ❷		●	KR**974672**	①	●	●	●	●	●	●	●			■
fuga 1200 **Driver:** excl. ⟐	recessed mounted ❶		●	KR**974372**	②	●	●	●	●	●		●	●	■	■
	surface mounted ❷		●	KR**974772**	②	●	●	●	●	●		●	●		■
fuga 900 **Driver:** incl. (on/off)			●	KR**974262**	③	●	●	●	●	●		●			
fuga 1200 **Driver:** incl. (on/off)			●	KR**974362**	④	●	●	●	●	●		●	●		

■ **Required accessories**

Plasterkit	KR**717114**	Trimless plasterkit square, no shadowgap
	KR**717118**	Trimless plasterkit square, shadowgap

■ **Optional accessories**

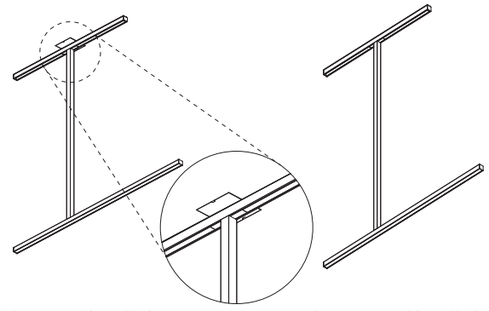
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W

		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI85+	2700K/3000K		9,5W	500mA	447lm
②	LED	CRI85+	2700K/3000K		12,7W	500mA	578lm
③	LED	CRI85+	2700K/3000K	230V	9,5W		447lm
④	LED	CRI85+	2700K/3000K	230V	12,7W		578lm

REMARKS
❶ Fixture has to be installed with plasterkit. Driver can be installed into the ceiling.
❷ Driver needs to be installed on remote.

Be aware: when multiple kreon fuga fixtures are placed next to each other, make sure there is a minimum distance of 100 mm between the ceiling bars. You can also use ceiling bars that are smaller than the LED or install the ceiling bar perpendicular to the led.

IP40



recessed mounted installation
plasterkit cover incl. - plasterkit is required
driver can be installed into the ceiling

surface mounted installation
driver needs to be installed on remote

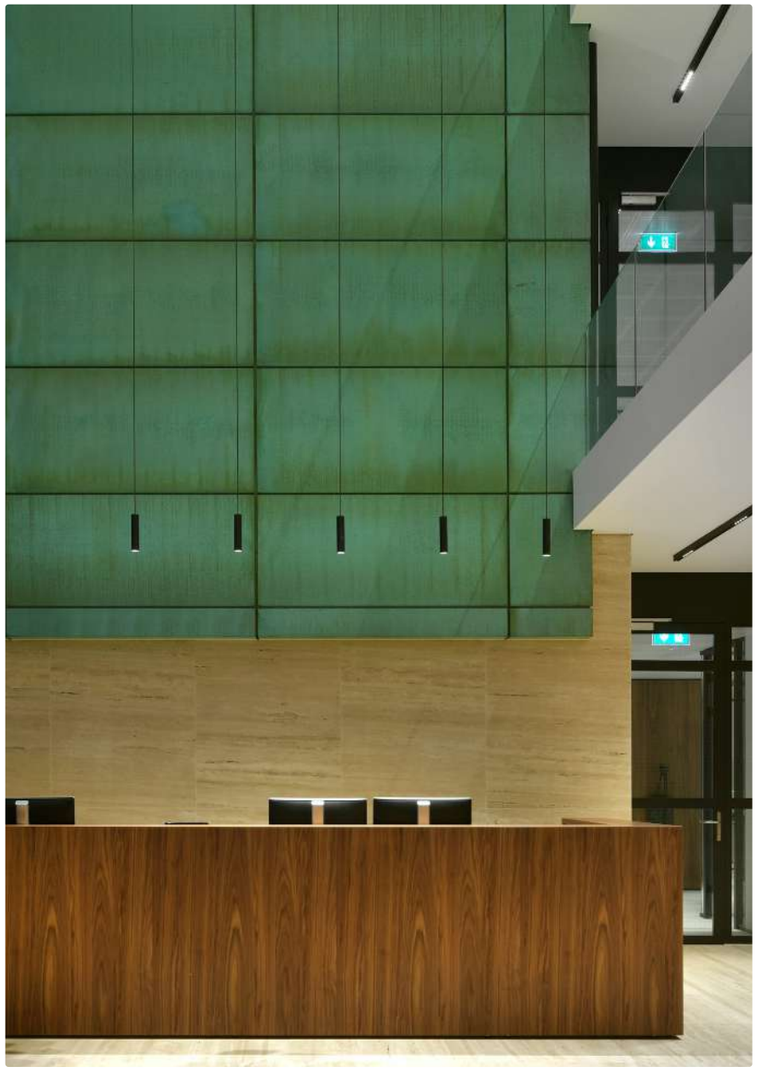
Plasterkit

kreon holon

kreon holon is a range of surface mounted, track mounted and pendant cylindrical downlights characterised by its compact form and deep set LED position, providing a subtle feeling of light without a possible uncomfortable visual perception. The range uses a variety of LED modules and is available in two diameters to suit spatial requirements. With a choice of fixed or directional units, kreon holon can provide a discreet yet functional solution to general or accent lighting within architecture. Finished in black for a dramatic contrast or pure white.

kreon holon directional is spotlight with a rotational adjustment of 360º and an angular adjustment of 90º, which when combined with the choice of spot, flood and wide flood TIR reflector, provides a truly versatile general or accent lighting tool. kreon holon directional can be surface mounted or used on our 48V magnetic track system.

kreon holon fixed can be surface mounted or suspended and is the perfect solution for general or accent lighting and features a spot, flood or wide flood reflector set above the black or white internal louvre. Use kreon holon fixed to create pools or accents of light.



holon 40 directional surface mounted, black

holon 40 fixed, white

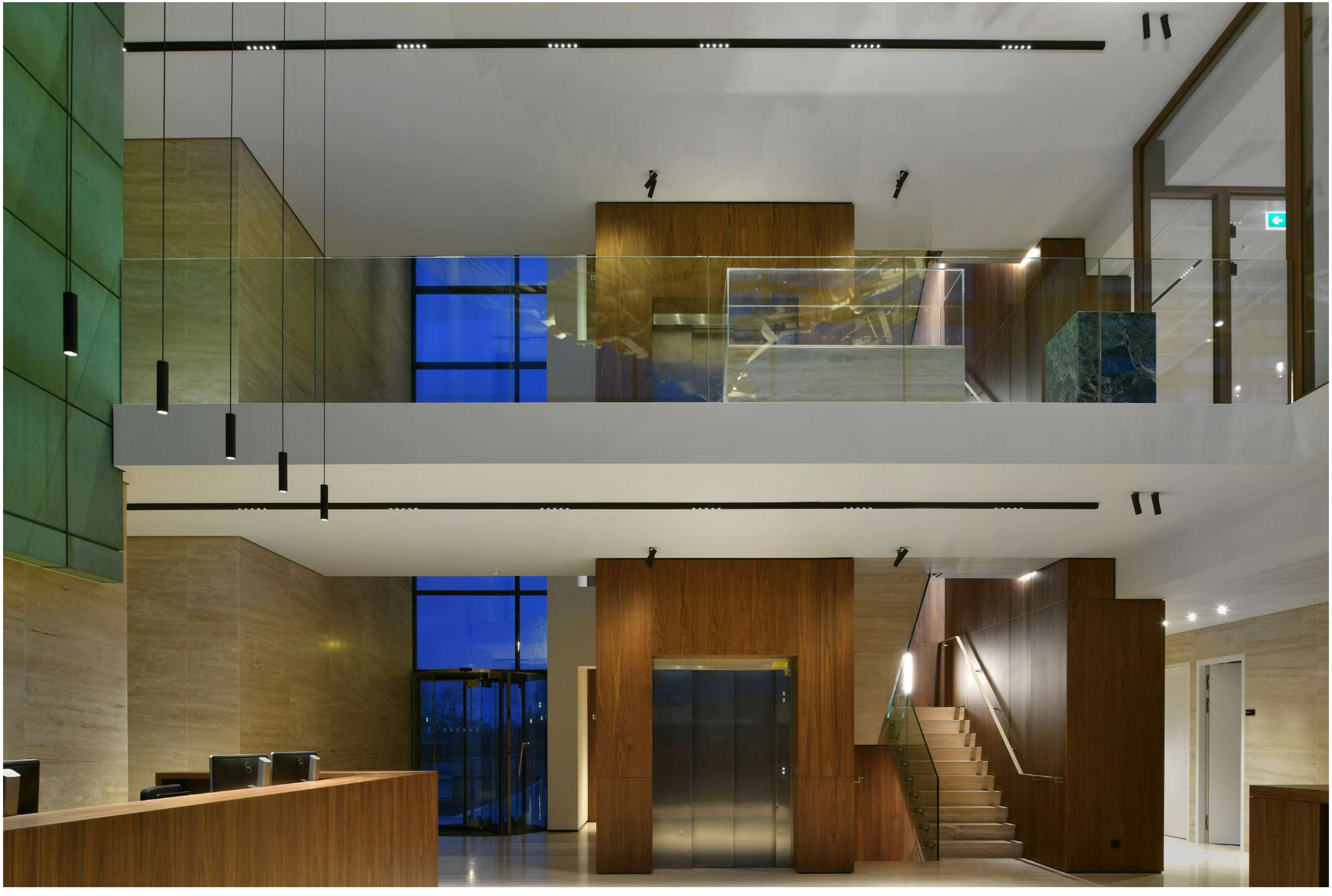
holon 40 pendant, black

holon 80 directional recessed mounted, black

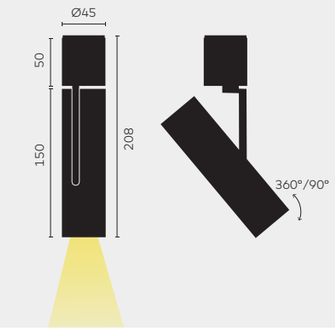
holon 80 on-track, white

Project HQ VolkerWessels
Location Rijsen, the Netherlands

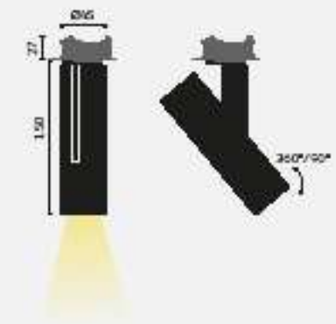
Architect Reitsema & partners architecten
Photographer Serge Brison



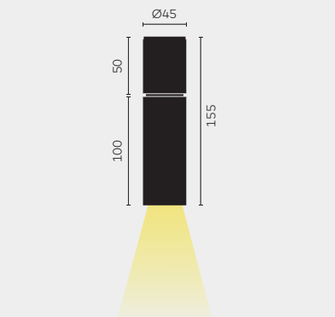
holon 40 directional - surface mounted



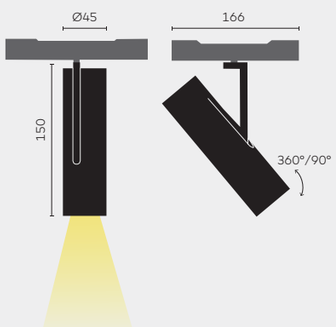
holon 40 directional - recessed mounted book



holon 40 fixed



holon 40 directional on-track



		Colour	KR-code	Light sources	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** Spot (20°)	**FL** Flood (30°)	**WFL** Wide flood (40°)	**DL** Dark light (38°) ❷	**WDL** Wide dark light (76°) ❷	**SW** Switchable ON/OFF	**VD** 1-10V dimming ❸	**DD** DALI dimming	Required accessories	Optional accessories
holon 40 directional surface mounted		○	KR**962301**	①	●	●	●	●	●	●	●	●	●					■
		●	KR**962302**	①	●	●	●	●	●	●	●	●	●					■
holon 40 directional surface mounted book		○	KR**962401**	①	●		●			●		●						■
		●	KR**962402**	①	●		●			●		●						■
holon 40 directional recessed mounted		○	KR**962311**	①	●	●	●	●	●	●	●	●	●				■	■
		●	KR**962312**	①	●	●	●	●	●	●	●	●	●				■	■
holon 40 directional recessed mounted book		○	KR**962801**	①	●		●			●		●	●				■	■
		●	KR**962802**	①	●		●			●		●	●				■	■
holon 40 fixed		○	KR**962701**	①	●	●	●	●	●	●	●	●	●					■
		●	KR**962702**	①	●	●	●	●	●	●	●	●	●					■
holon 40 directional on-track ❶		○	KR**962611**	②	●	●	●	●	●	●	●	●	●	●	●	●		■
		●	KR**962612**	②	●	●	●	●	●	●	●	●	●	●	●	●		■

■ Required accessories

Plasterkit	KR**707104**	Plasterkit, trimless finish, for holon 40 directional recessed mounted ◔ Ø63

■ Optional accessories

Driver	KR**762700**	LED driver, 700mA, ON/OFF, 11W ❹
	KR**762902**	LED driver, 700mA, 1-10V, 25W (IP67) ❹
	KR**752733**	LED driver, 700mA, DALI, 10W ❺
Installation cover	KR**762501**	Installation cover, white
	KR**762502**	Installation cover, black
Lenses and louvres	KR**762000**	Anti-glare louvre
	KR**762200**	Diffusing lens
Low voltage track	See page 642	

		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI80+	2700K/3000K		8,4W	700mA	721lm
		CRI90+	2700K/3000K		8,4W	700mA	558lm
②	LED	CRI80+	2700K/3000K	48V	10,9W		721lm
		CRI90+	2700K/3000K	48V	10,9W		558lm

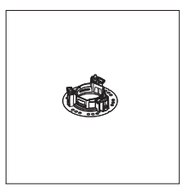
REMARKS

❶ Use in combination with a 48V low voltage track system (see page 642).
❷ Only available in combination with black louvre and CRI90+
❸ Recommended to use in combination with active 1-10V dimming. It is recommended not to use 1-10V dim fixtures having no 1-10V signal connected to the track.
❹ Driver fits through the installation hole of the kreon holon 40 directional, recessed mounted. Minimum installation depth is 180mm. Other types of drivers should be placed on remote.
❺ Should be placed on remote.

holon 40 book: CRI80 is not compatible with dark light

Gear excluded.
◈ IP40

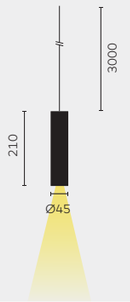
Plasterkit



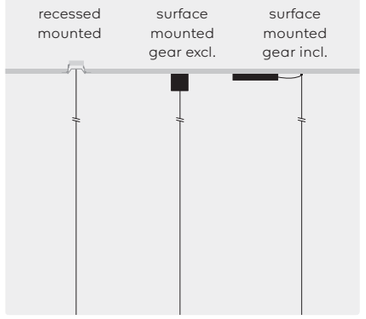
Installation cover

kreon holon 40 pendant

holon 40 pendant



installation



	Colour	KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	FL Flood (35°)	WFL Wide flood (55°)	DL Dark light (38°) ❶	WDL Wide dark light (76°) ❶	P1 Louvre painted white ❷	P2 Louvre painted black ❷	A5 Louvre red copper ❷	Required accessories	Optional accessories
holon 40 pendant **Gear:** excl.	○	KR**962001**	①	●	●	●	●	●	●	●	●	●	■	■
	●	KR**962002**	①	●	●	●	●	●	●	●	●	●	■	■
holon 40 pendant **Gear:** ON/OFF incl., surface mounted installation box incl.	○	KR**962901**	②	●	●	●	●	●	●	●	●	●		■
	●	KR**962902**	②	●	●	●	●	●	●	●	●	●		■

■ **Required accessories**

Recessed mounted		KR**791000**	Recessed suspension kit
		KR**707104**	Plasterkit, no shadowgap ❸ Ø 63 ❷
		KR**707106**	Louvre, white
		KR**707122**	Louvre, black
		KR**707103**	Louvre, red satin copper
Surface mounted (gear excl.)	○	KR**791001**	Surface mounted installation box, white **Ø** 45 **H** 50
	●	KR**791002**	Surface mounted installation box, black **Ø** 45 **H** 50
Surface mounted (ON/OFF gear incl.)	○	KR**791004**	Surface mounted gearbox (for 1 module) - 1 circuit, white
	●	KR**791005**	Surface mounted gearbox (for 1 module) - 1 circuit, black
	○	KR**791006**	Surface mounted gearbox, (for 2 up to 3 modules) - 1 circuit, white
	●	KR**791007**	Surface mounted gearbox, (for 2 up to 3 modules) - 1 circuit, black

■ **Optional accessories**

Driver		KR**762700**	LED driver, 700mA, ON/OFF, 11W ❹
		KR**762902**	LED driver, 700mA, 1-10V, 25W (IP67) ❹
		KR**772431**	LED driver, 700mA, phase dim, 14W
		KR**772430**	LED driver, 700mA, phase dim, 25W ❺

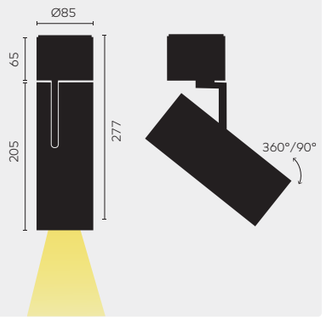
		CRI	CCT	Wattage	Voltage	Drive current	Fixture lumen
①	LED	CRI90+	2700K/3000K	8,4W		700 mA	628lm
②	LED	CRI90+	2700K/3000K		230Vdc		420lm

REMARKS
❶ Only available in combination with black louvre and CRI90+
❷ Finishing colour of the louvre in the holon 40 pendant cylinder
❸ Thickness boardmaterial: 9-14mm
❹ Driver fits through plasterkit. Required installation depth: 180 mm
❺ Driver does not fit through plasterkit.

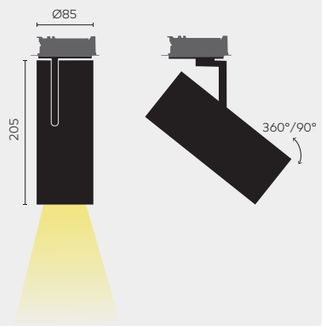
Length pendant cord: 3000mm
IP40

Plasterkit

holon 80 directional - surface mounted



holon 80 directional - recessed mounted



	Colour	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	**SP** Spot (14°)	**FL** Flood (30°)	**WFL** Wide flood (38°)	**SW** Switchable on/off	**VD** 1-10V dimming	**DD** DALI dimming	Required accessories	Optional accessories
holon 80 directional surface mounted **Gear:** incl.	○	KR**962221**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		■
	●	KR**962222**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		■
holon 80 directional recessed mounted **Gear:** excl. ◈	○	KR**962431**	②	●	●	●	●	●	●	●	●	●	●	●	●				■	■
	●	KR**962432**	②	●	●	●	●	●	●	●	●	●	●	●	●				■	■

■ Required accessories

Plasterkit	KR**717104**	Plasterkit, no shadowgap, trimless finishing ◔ Ø102
	KR**717108**	Plasterkit, shadowgap, trimless finishing ◔ Ø102

■ Optional accessories

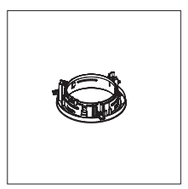
Lenses and louvres ❶	KR**762002**	Anti-glare louvre
	KR**726100**	Sculpture lens
	KR**726200**	Diffusing lens
Driver	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W

			CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	**SP**	CRI83	2700K/3000K/4000K	230V	15,6W		1067lm
			CRI90	2700K/3000K/4000K	230V	15,6W		1067lm
			CRI98	2700K/3000K/4000K	230V	15,2W		763lm
		FL & WFL	CRI83	2700K/3000K/4000K	230V	15,2W		1610lm
			CRI90	2700K/3000K/4000K	230V	17,1W		1610lm
			CRI98	2700K/3000K/4000K	230V	12,9W		1127lm
②	LED	**SP**	CRI83	2700K/3000K/4000K		30,2W	1050mA	1641lm
			CRI90	2700K/3000K/4000K		30,2W	1050mA	1641lm
			CRI98	2700K/3000K/4000K		29,5W	1050mA	1280lm
		FL & WFL	CRI83	2700K/3000K/4000K		25,7W	1050mA	2415lm
			CRI90	2700K/3000K/4000K		25,7W	1050mA	2415lm
			CRI98	2700K/3000K/4000K		20W	1050mA	1610lm

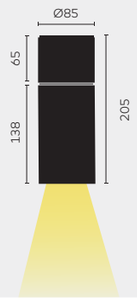
REMARKS
❶ One optional lens or louvre possible

IP40

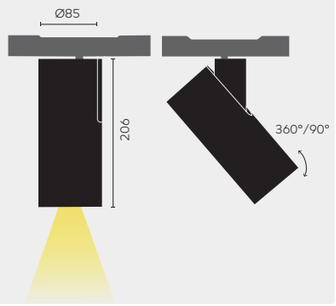
Plasterkit



holon 80 fixed



holon 80 on-track



	Colour	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	**SP** Spot (14°)	**FL** Flood (30°)	**WFL** Wide flood (38°)	**SW** Switchable ON/OFF	**VD** 1-10V dimming	**DD** DALI dimming	Optional accessories
holon 80 fixed **Gear:** incl.	○	KR**962821**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
	●	KR**962822**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
holon 80 fixed **Gear:** excl. ◈	○	KR**962631**	②	●	●	●	●	●	●	●	●	●	●	●	●				■
	●	KR**962632**	②	●	●	●	●	●	●	●	●	●	●	●	●				■
holon 80 fixed LED PAR16 **Lamp:** excl.	○	KR**962731**	③																
	●	KR**962732**	③																
holon 80 on-track ❶	○	KR**962241**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
	●	KR**962242**	①	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■

■ **Optional accessories**

Lenses and louvres ❷	KR**762002**	Anti-glare louvre
	KR**726100**	Sculpture lens
	KR**726200**	Diffusing lens
Driver	KR**772140**	LED driver, 1050mA, ON/OFF, 36W
	KR**772142**	LED driver, 1050mA, 1-10V, 39W
	KR**772143**	LED driver, 1050mA, DALI, 35W
3~ circuit track	See page 638	

			CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	**SP**	CRI83	2700K/3000K/4000K	230V	15,6W		1067lm
			CRI90	2700K/3000K/4000K	230V	15,6W		1067lm
			CRI98	2700K/3000K/4000K	230V	15,2W		763lm
		FL & WFL	CRI83	2700K/3000K/4000K	230V	15,2W		1610lm
			CRI90	2700K/3000K/4000K	230V	17,1W		1610lm
			CRI98	2700K/3000K/4000K	230V	12,9W		1127lm
②	LED	**SP**	CRI83	2700K/3000K/4000K		30,2W	1050mA	1641lm
			CRI90	2700K/3000K/4000K		30,2W	1050mA	1641lm
			CRI98	2700K/3000K/4000K		29,5W	1050mA	1280lm
		FL & WFL	CRI83	2700K/3000K/4000K		25,7W	1050mA	2415lm
			CRI90	2700K/3000K/4000K		25,7W	1050mA	2415lm
			CRI98	2700K/3000K/4000K		20W	1050mA	1610lm
③	LED PAR16		lampholder GZ10/GU10		230V	max. 50W		

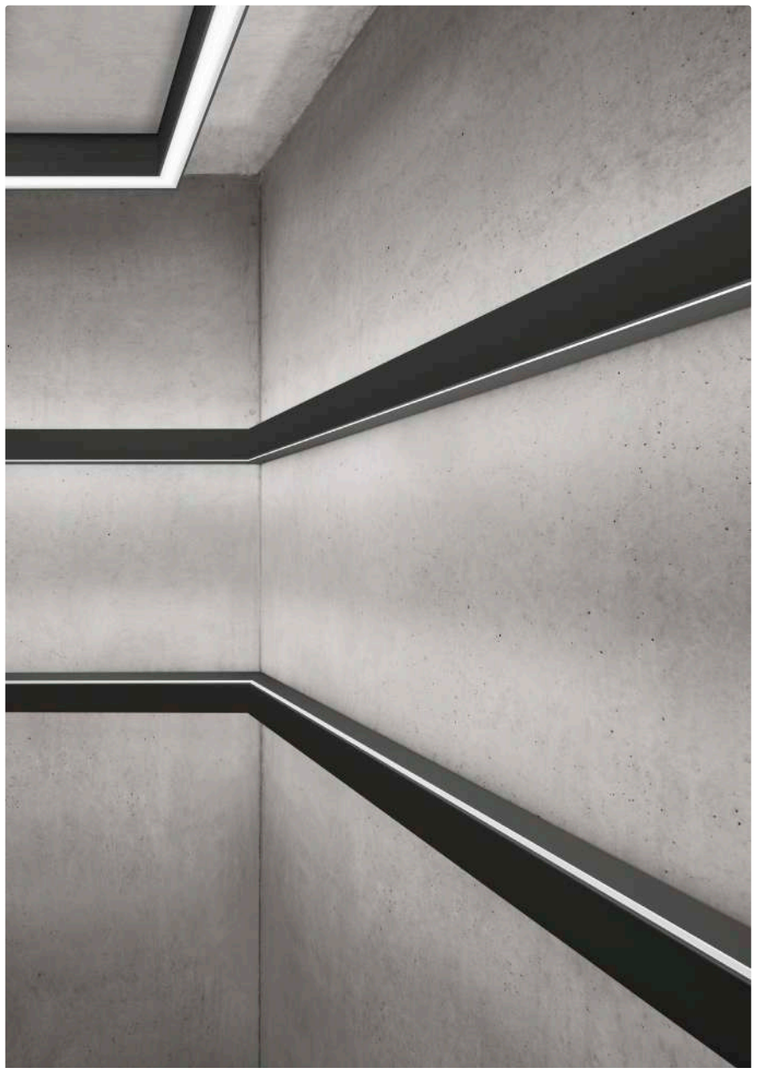
REMARKS
❶ Use in combination with 3~track system, 230V. In case of 1-10 V or DALI dimming, use 3~tracksystem 230V with databus.
❷ One optional lens or louvre possible.

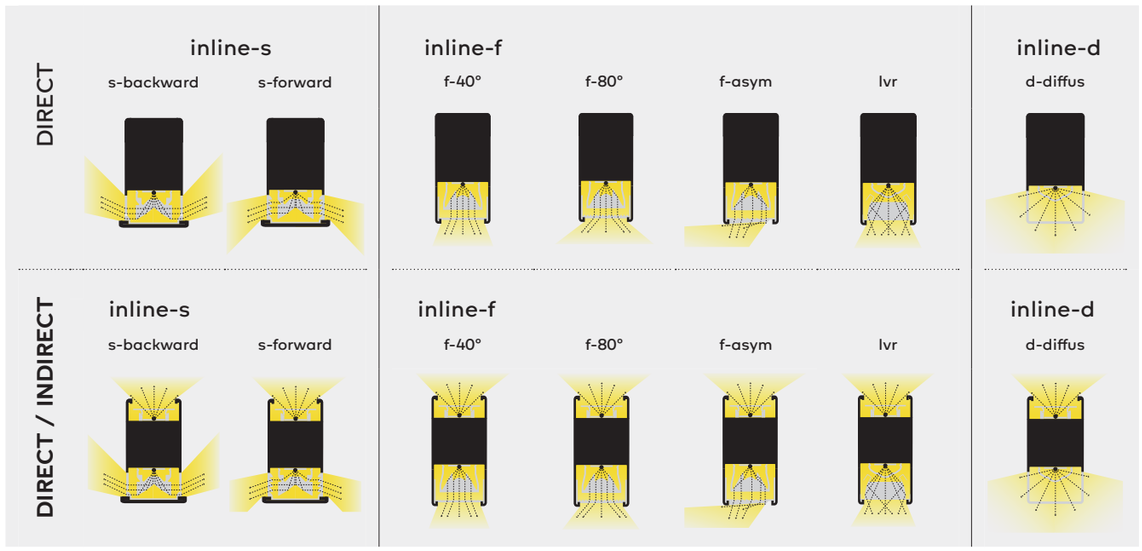
IP40

kreon inline

kreon inline neo is a sophisticated linear lighting tool. The heart of the system, the integrated optics, direct the light with precision to the desired surfaces. Powerful direct and/ or indirect light, different mounting options and made to measure lengths make kreon inline neo a unique lighting tool that enables the creation a whole range of different lighting scenarios, from diffused general light to homogenous indirect light to direct accent light.

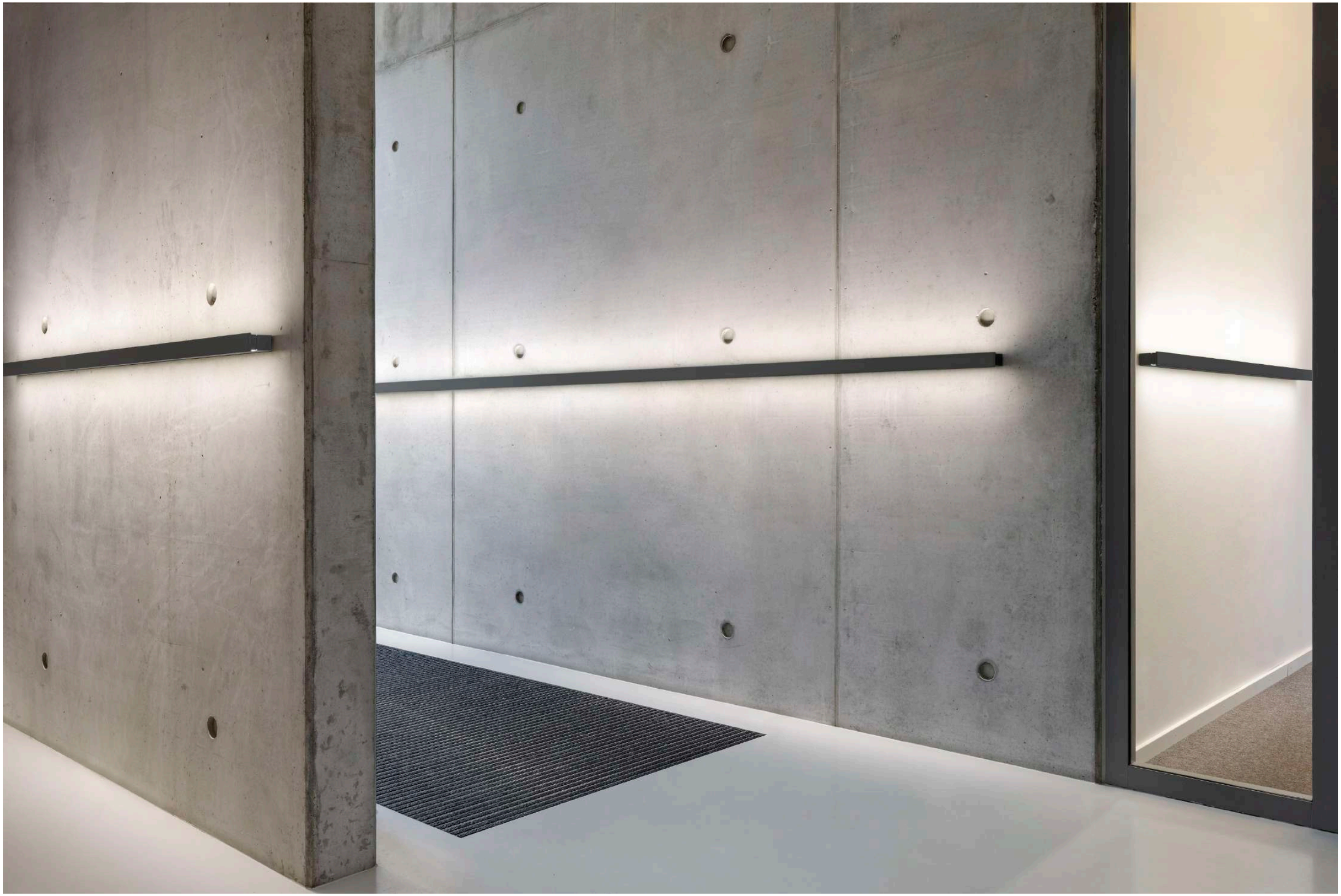
kreon inline neo offers a wealth of new applications and simultaneously strengthens the bonds between architecture and lighting, supporting the planner's creativity. This is achieved deploying a light direction principle based on the interplay of two individual lenses (patent pending). Essentially, a primary lens concentrates the LED light while a secondary lens directs it to the desired surface. Additionally, a diffuser that evenly distributes the light is also available.





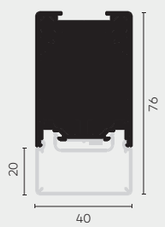
Project Private residence
Location Switzerland

Photographer kreon

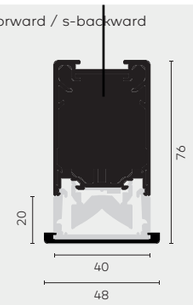


kreon **inline** direct / surface mounted

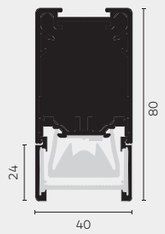
inline d-diffus



inline s-forward / s-backward



inline f-80° / f-40° / f-assym / f-lvr



		Light source	Basic code	**SW** Black	**8027** 2700k, CRI80+	**8030** 3000K, CRI80+	**8040** 4000K, CRI80+	**DD** Dimmable DALI, building side	**3** 350mA	**7** 700mA
	inline d-diffus	①	INL50	●	●	●	●	●	●	●
	inline s-forward	②	INL51	●	●	●	●	●	●	●
	inline s-backward	③	INL52	●	●	●	●	●	●	●
	inline f-80°	④	INL53	●	●	●	●	●	●	●
	inline f-40°	⑤	INL54	●	●	●	●	●	●	●
	inline f-asym	⑥	INL55	●	●	●	●	●	●	●
	inline f-lvr Louver Raster UGR <19	⑦	INL56	●	●	●	●	●	●	●

		Light flow per metre (approx.)		lm/m (350mA) @ 4000K		lm/m (700mA) @ 4000K
①	LED	INLINE-50	d-diffuse	1997lm	or	3656lm
②	LED	INLINE-51	s-forward	1703lm	or	3075lm
③	LED	INLINE-52	s-backward	1846lm	or	3162lm
④	LED	INLINE-53	f-80°	1820lm	or	3388lm
⑤	LED	INLINE-54	f-40°	2045lm	or	3653lm
⑥	LED	INLINE-55	f-asym	1747lm	or	3148lm
⑦	LED	INLINE-56	f-lvr	1675lm (UGR 19)	or	3025lm (UGR >19)

REMARKS
General: System lamps with through-wiring (6x1.5mm² max. 10A). The LED transformer is built into the lamps. LED working life: 55,000 hrs (L90/F10), 3SDCM. approx. 23,3W per metre @ 350mA

Dimmable DALI (DD):
Dimmable using DALI procedure or push-button; additional control cable is required. kreon inline neo is fitted with DALI transformer. On/off operation is possible through the P, N, E connection

IP 20
LED A – A++
Recommended price per metre for a system length of approx. 5 metres:
D-diffuse: ~EUR 470 / CHF 540 per metre, excl. VAT. (Aluminium or black)
Other lens systems: ~EUR 560 / CHF 645 per metre, excl. VAT. (Aluminium or black)

Designing hints :
kreon inline neo is available from 561mm (571mm incl. end caps at ends) We recommend designing inside the 281mm grid
Design length outside the grid will be supplied with profile overhangs, without lighting.
Colour filters for inserting laterally into the second lens system are available in colours blue, yellow or orange.

Lights with louvre (LVR) shade are available in lengths from 842mm; any additional lengths are to be taken into account in the 281mm grid.

d-diffus

s-forward

s-backward

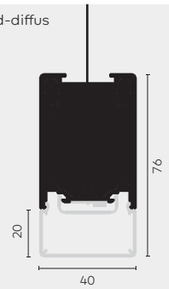
f-80°

f-40°

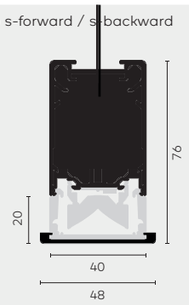
f-asym

f-lvr

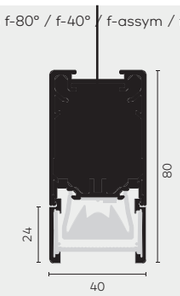
inline neo d-diffus



inline neo s-forward / s-backward



inline neo f-80° / f-40° / f-assym / f-lvr



	Light source	Basic code	**2** | Suspender, 2 metres	**5** | Suspender, 5 metres	**SW** | Black	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**8040** 4000K, CRI80+	**DD** Dimmable DALI, building side	**3** | 350mA	**7** | 700mA
inline d-diffuse	①	INL60	●	●	●	●	●	●	●	●	●
inline s-forward	②	INL61	●	●	●	●	●	●	●	●	●
inline s-backward	③	INL62	●	●	●	●	●	●	●	●	●
inline f-80°	④	INL63	●	●	●	●	●	●	●	●	●
inline f-40°	⑤	INL64	●	●	●	●	●	●	●	●	●
inline f-asym	⑥	INL65	●	●	●	●	●	●	●	●	●
inline f-lvr Louver Raster UGR <19	⑦	INL66	●	●	●	●	●	●	●	●	●

		Light flow per metre (approx.)		**lm/m (350mA) @ 4000K**		**lm/m (700mA) @ 4000K**
①	LED	INLINE-60	d-diffuse	1997lm	or	3656lm
②	LED	INLINE-61	s-forward	1703lm	or	3075lm
③	LED	INLINE-62	s-backward	1846lm	or	3162lm
④	LED	INLINE-63	f-80°	1820lm	or	3388lm
⑤	LED	INLINE-64	f-40°	2045lm	or	3653lm
⑥	LED	INLINE-65	f-asym	1747lm	or	3148lm
⑦	LED	INLINE-66	f-lvr	1675lm (UGR 19)	or	3025lm (UGR >19)

REMARKS
General: System lamps with through-wiring (6x1.5mm² max.10A). The LED transformer is built into the lamps. LED working life: 55,000 hrs (L90/F10), 3SDCM. approx. 23,3W per metre @ 350mA

Dimmable DALI (DD):
Dimmable using DALI procedure or push-button; additional control cable is required. kreon inline neo is fitted with DALI transformer. On/off operation is possible through the P, N, E connection

IP 20
LED A – A++
Recommended price per metre for a system length of approx. 5 metres:
D-diffuse: ~EUR 510 / CHF 590 per metre, excl. VAT. (Aluminium or black)
Other lens systems: ~EUR 600 / CHF 695 per metre, excl. VAT. (Aluminium or black)

Designing hints:
kreon inline neo is available from 561mm (571mm incl. end caps at ends) We recommend designing inside the 281mm grid. Design lengths outside this grid will be supplied with profile overhangs without lighting.
Colour filters for inserting laterally into the second lens system are available in colours blue, yellow or orange.

Lights with louvre (LVR) shade are available in lengths from 842mm; all other lengths are to be taken into account in the 281mm grid.

d-diffus

s-forward

s-backward

f-80°

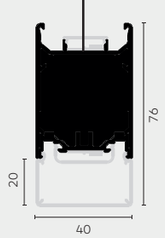
f-40°

f-asym

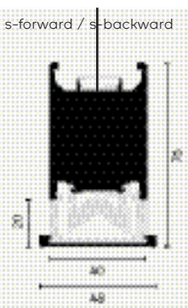
f-lvr

kreon **inline neo** direct-indirect / pending

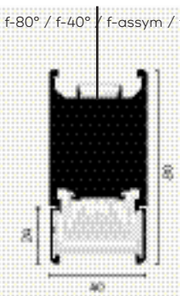
inline neo d-diffus



inline neo s-forward / s-backward



inline neo f-80° / f-40° / f-assym / f-lvr



	Light source	Basic code	**2** Suspender, 2 metres	**5** Suspender, 5 metres	Wall-mounting	**SW** Black	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**8040** 4000K, CRI80+	**DD** Dimmable DALI, building side	**37** 350mA direct and 700mA indirect
inline d-diffuse	①	INL70	●	●	●	●	●	●	●	●	●
inline s-forward	②	INL71	●	●		●	●	●	●	●	●
inline s-backward	③	INL72	●	●		●	●	●	●	●	●
inline f-80°	④	INL73	●	●	●	●	●	●	●	●	●
inline f-40°	⑤	INL74	●	●	●	●	●	●	●	●	●
inline f-asym	⑥	INL75	●	●	●	●	●	●	●	●	●
inline f-lvr Louver Raster UGR <19	⑦	INL76	●	●	●	●	●	●	●	●	●

		Light flow per metre (approx.)		**Direct portion lm/m (350mA) @ 4000K**		**Indirect portion lm/m (700mA) @ 4000K**
①	LED	INLINE-70	d-diffuse	1997lm	and	3980lm
②	LED	INLINE-71	s-forward	1703lm	and	3980lm
③	LED	INLINE-72	s-backward	1846lm	and	3980lm
④	LED	INLINE-73	f-80°	1820lm	and	3980lm
⑤	LED	INLINE-74	f-40°	2045lm	and	3980lm
⑥	LED	INLINE-75	f-asym	1747lm	and	3980lm
⑦	LED	INLINE-76	f-lvr	1675lm (UGR 19)	and	3980lm

REMARKS
General: System lamps with through-wiring (6x1.5mm² max.10A). The LED transformer is built into the lamps. LED working life: 55,000 hrs (L90/F10), 3SDCM. approx. 75,9W per metre @ 350mA

Dimmable DALI (DD):
Dimmable using DALI procedure or push-button; additional control cable is required. kreon inline neo is fitted with DALI transformer. On/off operation is possible through the P, N, E connection
Direct and indirect light portions can be connected up to separate circuits.

IP 20
LED A – A++
Recommended price per metre for a system length of approx. 5 metres:
D diffuse: ~EUR 770 / CHF 885 per metre, excl. VAT. (Aluminium and Black)
Other lens systems: ~EUR 860 / CHF 990 per metre, excl. VAT. (Aluminium and Black)

Designing hints:
kreon inline neo direct/indirect Suspended lamps are available from 1123mm (1133mm incl. end caps).
We recommend designing inside the 281mm grid.
Colour filters for inserting laterally into the second lens system are available in colours blue, yellow or orange.

d-diffus

s-forward

s-backward

f-80°

f-40°

f-asym

f-lvr

kreon inti

kreon inti fixed downlight has a build in dome set above a black or white internal louvre. The faceted dome adds a scattering play of brilliance and creates a first layer of ambiance.

kreon inti directional combines the dome effect of the downlight with a decentralized directional spotlight that has an angular adjustment of 30°. The diffused light from the dome neutralizes the shadow of the directional spotlight in the light effect. The directional light creates the second layer of focused light.

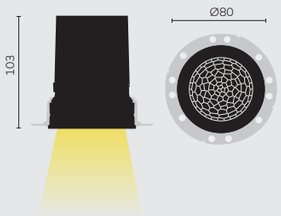
The unique combination of a diffused downlight with a directional projector make kreon inti a two-in-one recessed ceiling luminaire.

inti 80 directional, white, trim

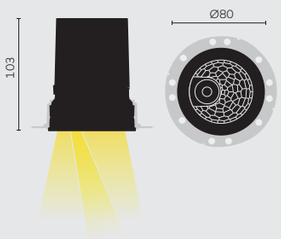
inti 80 directional, black, no shadowgap

inti 80 fixed, white, shadowgap

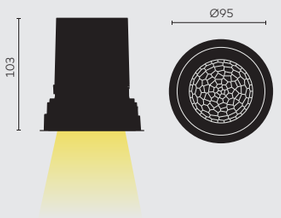
inti fixed with trimless plasterkit



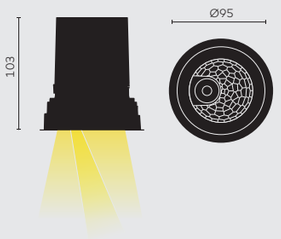
inti directional with trimless plasterkit



inti fixed with trim



inti directional with trim



		Colour	KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	SP spot (20°)	DL dark light (33°)	WDL wide dark light (56°)	D3 dome, matt	Required accessories	Optional accessories
inti 80 fixed **Gear:** excl., IP44 ◈		○	KR**997111**	①	●	●				●	■	■
		●	KR**997112**	①	●	●				●	■	■
inti 80 fixed dim-to-warm (3000K to 1800K) **Gear:** excl., IP44 ◈		○	KR**997611**	②						●	■	■
		●	KR**997612**	②						●	■	■
inti 80 directional ❶ **Gear:** excl., IP40 ◈		○	KR**997121**	③	●	●	●	●	●	●	■	■
		●	KR**997122**	③	●	●	●	●	●	●	■	■
inti 80 directional dim-to-warm (3000K to 1800K) ❶ **Gear:** excl., IP40 ◈		○	KR**997621**	④	●	●	●	●	●	●	■	■
		●	KR**997622**	④	●	●	●	●	●	●	■	■

■ **Required accessories**

Installation kit		KR**717104**	Plasterkit, no shadowgap, trimless finishing ◔ Ø 102 **D** 110
		KR**717108**	Plasterkit, with shadowgap, trimless finishing ◔ Ø 102 **D** 110
	○	KR**717021**	Installation kit with trim, white ◔ Ø 90 **D** 110
	●	KR**717022**	Installation kit with trim, black ◔ Ø 90 **D** 110
Plasterkit concrete		KR**717101**	Plasterkit for concrete installation, no shadowgap (430x430)
		KR**717102**	Plasterkit for concrete installation, no shadowgap, small (200x200)
		KR**717109**	Plasterkit for concrete installation, shadowgap (430x430)
		KR**717107**	Plasterkit for concrete installation, shadowgap, small (200x200)
Removal tool		KR**797000**	Removal tool for kreon inti fixed ❷

■ **Optional accessories**

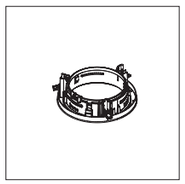
Driver	KR**747064**	LED driver, 350mA, 19W, ON/OFF
	KR**739102**	LED driver, 350mA, 15W, 0-10V/1-10V
	KR**747266**	LED driver, 350mA, 15W, DALI
	KR**747163**	LED driver, 350mA, 18W, 0-10V/1-10V, dim-to-warm
	KR**747267**	LED driver, 350mA, 17W, DALI, dim-to-warm
Distance ring (for plasterkit concrete)	KR**717307**	Distance ring 2mm (set of 5 pcs.)
	KR**717308**	Distance ring 3mm (set of 5 pcs.)
	KR**717309**	Distance ring 5mm (set of 5 pcs.)

		CRI	CCT	Wattage	Drive current	Fixture lumen
①	LED	CRI90+	2700K/3000K	12W	350mA	825lm
②	LED	CRI90+	2700K/3000K	12,6W	350mA	637lm
③	LED dome	CRI90+	2700K/3000K	12W	350mA	576lm
	LED dir. 33° / 56°			4W		250lm
	20°			1W		100lm
④	LED dome	CRI90+	2700K/3000K	12,6W	350mA	442lm
	LED dir. 33° / 56°			4W		250lm
	20°			1W		100lm

REMARKS
❶ The dome and directional spot need to be driven separately
❷ Tool is for use with kreon inti 80 fixed. One per project is recommended.

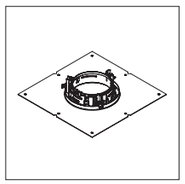
Thickness boardmaterial:
9-26mm
Gear excluded
IP40 (fixed) - IP44 (directional)

Plasterkit

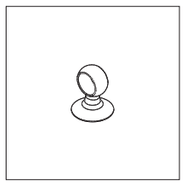


Installation kit

Plasterkit concrete



Removal tool



kreon kagi

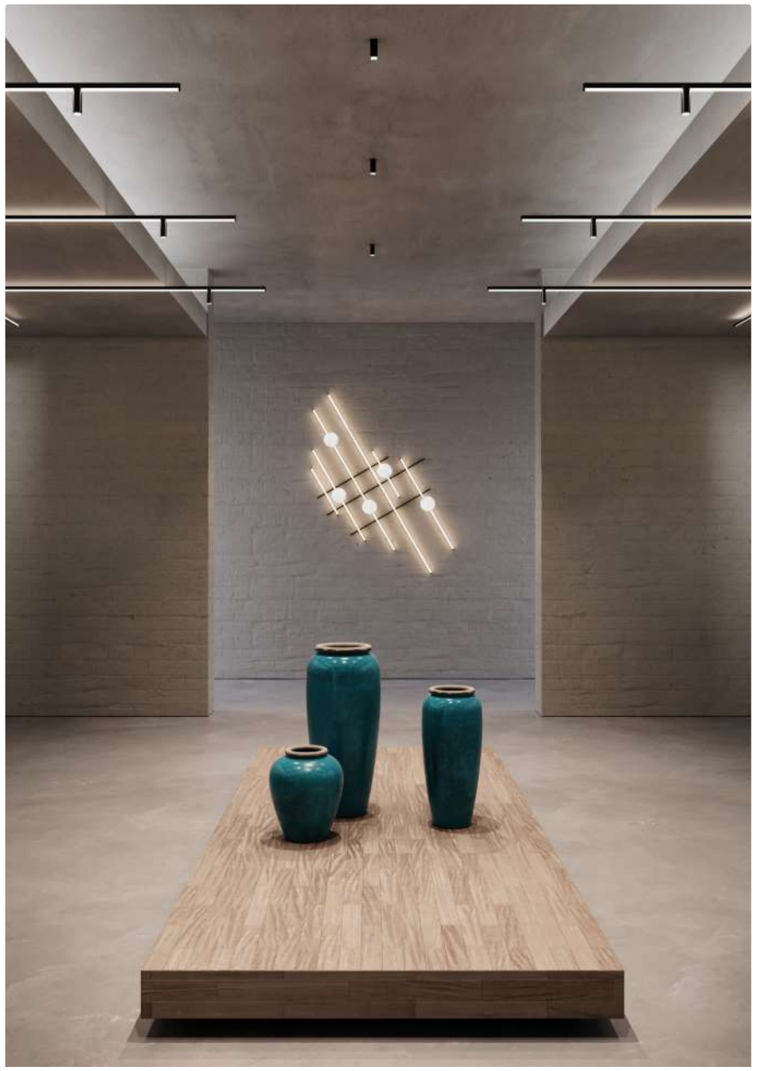
kagi means "key" in Japanese referring to the shape of a keyhole, which equals the shape of the profile, and mimics the key to a 3-dimensional world.

kreon kagi is an innovative and extremely versatile profile system combining linear and accent lighting.

The basic 24V profile can be either recessed or surface mounted and can optionally be equiped with 16mm or 26mm diameter satinated continuous light tubes for a sustained soft light distribution.

An engenious junction allows a perpendicular, 90° tilted second level connection of the 24V profile.

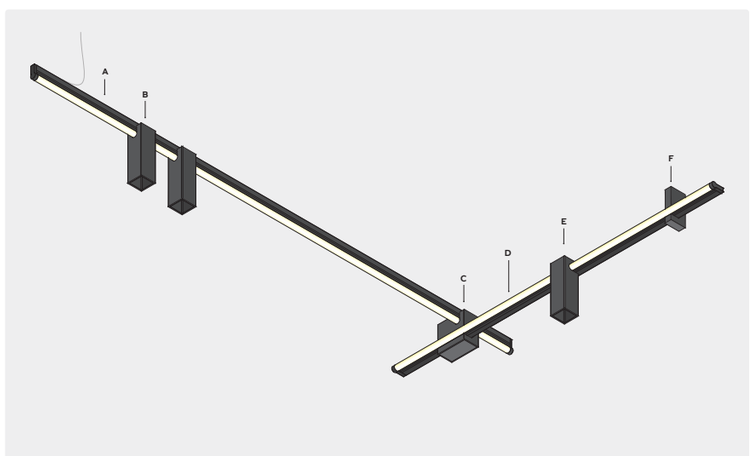
Additionally, round or square shaped spotlights and wallwashers can be added by clamping them on the main profiles. It is possible to change the position of the spotlights over the track. kreon kagi is an essential tool for architects and lighting designers that can be used as a graphic play of light or guide light.



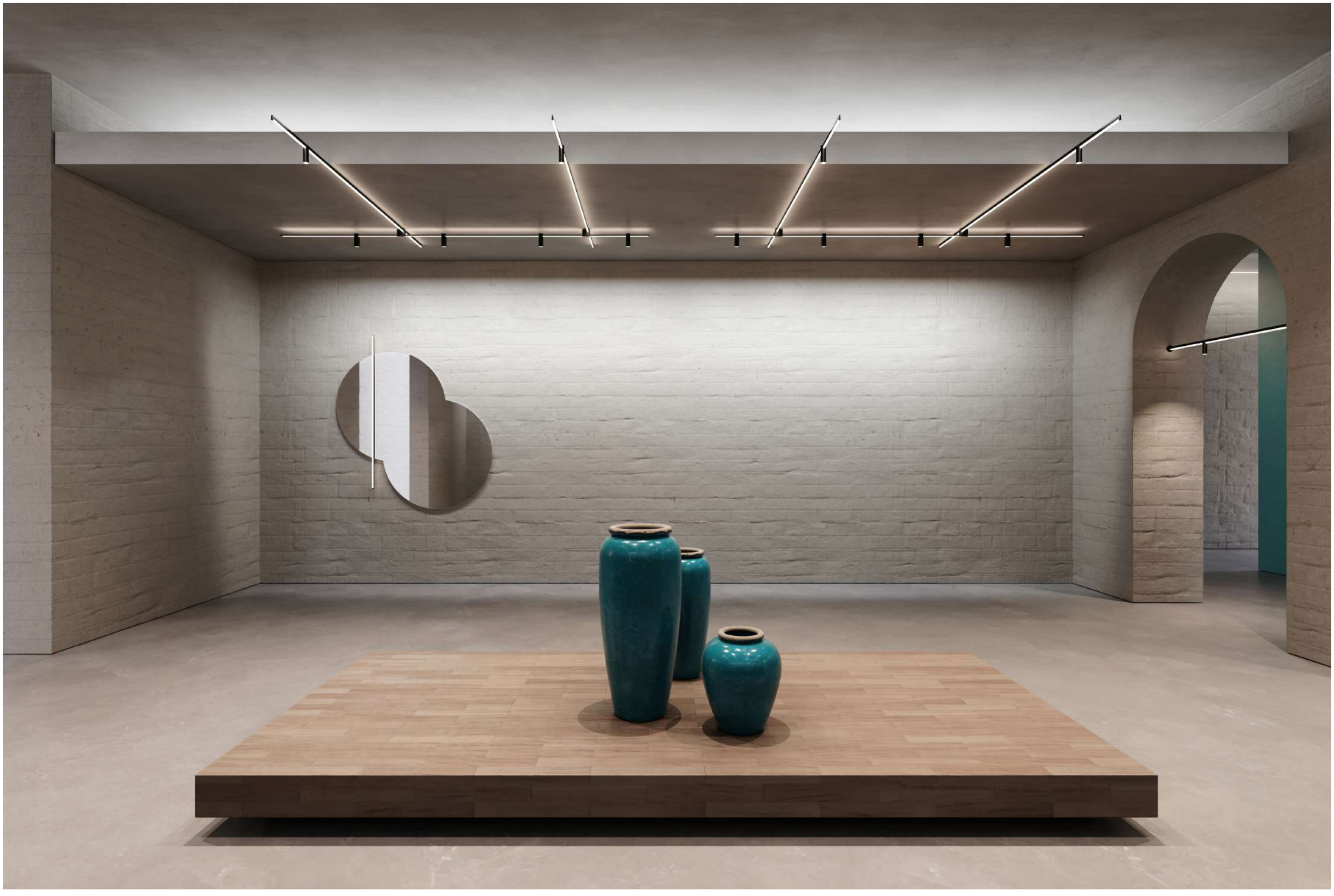
holon 40 on-kagi wallwasher, level 1, black

prologe 40 on-kagi fixed, level 2, white

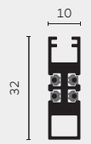
holon 40 on-kagi deco, level 1



A kreon kagi profile 16 lvl 1 with feed cable
B kreon prologe on-kagi downlight lvl 1
C electrical cross connector
D kreon kagi profile 16 lvl 2 no feed cable
E kreon prologe on-kagi downlight lvl 2
F surface mounted installation block lvl 2

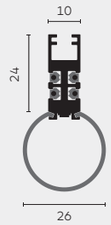


kagi blind surface mounted, level 1



kagi 16, surface mounted, level 1

kagi 26, surface mounted, level 1



	Colour	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**DIF** diffusor	**XS** L = 532 mm	**S** L = 1032 mm	**M** L = 1532 mm	**L** L = 2032 mm	**XL** L = 3032 mm	Required accessories	Optional accessories
kagi blind surface mounted, level 1 **Gear:** excl. **input voltage:** 24Vdc ❶	●	KR**954902**					●	●	●	●	●	■	■
kagi 16 surface mounted, level 1 **Gear:** excl. **input voltage:** 24Vdc ❶	●	KR**954502**	①	●	●	●	●	●	●	●	●	■	■
kagi 26 surface mounted, level 1 **Gear:** excl. **input voltage:** 24Vdc ❶ No additional fixtures or cross connectors possible	●	KR**954602**	②	●	●	●	●	●	●	●	●	■	■

■ **Required accessories**

Installation tool	KR**754911**	Materials for installation of level 1 profile + modules ❷

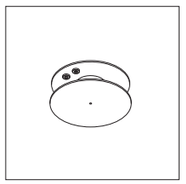
■ **Optional accessories**

Power supply hide-away	KR**754801**	Plasterkit + blind cover, white
Surface mounted feed	KR**754821**	Surface mounted feed, level 1, 24Vdc, white
	KR**754822**	Surface mounted feed, level 1, 24Vdc, black
Power supply	KR**772060**	LED power supply 24Vdc, 70W
	KR**772160**	LED power supply 24Vdc, 150W ❸
	KR**772260**	LED power supply 24Vdc, 96W ❹
CV dimmers	KR**774106**	1-10V 24Vdc controller for linear light tubes
	KR**774206**	DALI 24Vdc controller for linear light tubes
	KR**774306**	Xicato enabled bluetooth controller for linear light tubes
Bluetooth switch	KR7**74301**	Xicato Xswitch for bluetooth conversion of standard low voltage light switches

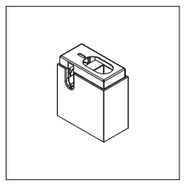
	CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	CRI90+	2700K/3000K	24Vdc	12,2W/m	808lm/m
② LED	CRI90+	2700K/3000K	24Vdc	12,2W/m	873lm/m

REMARKS
❶ With 2m feed cable at the end. 2~circuits, max. system load: 2x70W
❷ One installation tool per project is recommended
❸ Driver does not fit through power supply hide-away.
❹ Suitable for installation with power supply hide-away accessory

Plasterkit



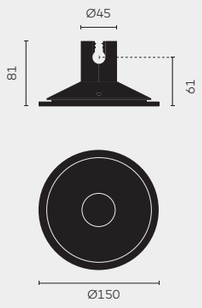
Surface mounted feed level 1



kreon kagi modules, level 1

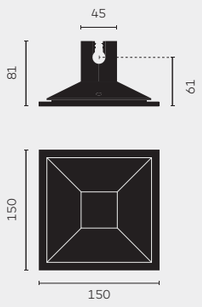
holon 40 on-kagi fixed, level 1

holon 40 on-kagi deco, level 1



prologe 40 on-kagi fixed, level 1

prologe 40 on-kagi deco, level 1



		Colour	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** spot (15°)	**FL** flood (30°)	**SW** Switchable ON/OFF	**WD** Wireless bluetooth dimming [1]
	holon 40 on-kagi fixed, level 1	○	KR**954521**	①	●	●	●	●	●	●
		●	KR**954522**	①	●	●	●	●	●	●
	holon 40 on-kagi wallwasher, level 1	○	KR**954561**	②	●	●			●	●
		●	KR**954562**	②	●	●			●	●
	holon 40 on-kagi deco, level 1	●	KR**954582**	③	●	●			●	●
	prologe 40 on-kagi fixed, level 1	○	KR**954021**	①	●	●	●	●	●	●
		●	KR**954022**	①	●	●	●	●	●	●
	prologe 40 on-kagi wallwasher, level 1	○	KR**954061**	②	●	●			●	●
		●	KR**954062**	②	●	●			●	●
	prologe 40 on-kagi deco, level 1	●	KR**954082**	③	●	●			●	●

		CRI	CCT	Voltage	Wattage	Fixture lumen
①	LED	CRI90+	2700K/3000K	24Vdc	9,8W	440lm
②	LED	CRI90+	2700K/3000K	24Vdc	5,2W	240lm
③	LED	CRI90+	2700K/3000K	24Vdc	9,8W	160lm

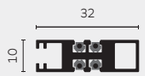
REMARKS

❶ Internal bluetooth antenna is programmed with Xicato firmware

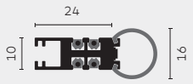
kreon kagi modules cannot be used on kreon kagi 26 profile.

kreon kagi profile, level 2

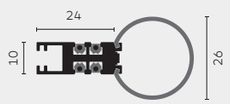
kagi blind surface mounted, level 2



kagi 16, surface mounted, level 2



kagi 26, surface mounted, level 2



		Colour	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**DIF** diffusor	**XS** L = 532 mm	**S** L = 1032 mm	**M** L = 1532 mm	**L** L = 2032 mm	**XL** L = 3032 mm	Required accessories	Optional accessories
	kagi blind surface mounted, level 2 **Gear:** excl. **input voltage:** 24Vdc ❶	●	KR**954412**					●	●	●	●	●	■	■
	kagi 16 surface mounted, level 2 **Gear:** excl. **input voltage:** 24Vdc ❶	●	KR**954012**	①	●	●	●	●	●	●	●	●	■	■
	kagi 26 surface mounted, level 2 **Gear:** excl. **input voltage:** 24Vdc ❶ No additional fixtures possible	●	KR**954602**	①	●	●	●	●	●	●	●	●	■	■

■ **Required accessories**

Mounting blocks	KR**754601**	Mounting block, to support level 2 profile, white
	KR**754602**	Mounting block, to support level 2 profile, black
Cross connector ❷	KR**754611**	Mechanical cross connector, level 1 to level 2, white
	KR**754612**	Mechanical cross connector, level 1 to level 2, black
	KR**754711**	Electrical cross connector, level 1 to level 2, white
	KR**754712**	Electrical cross connector, level 1 to level 2, black

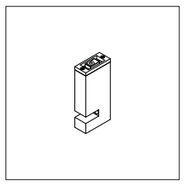
■ **Optional accessories**

Surface mounted feed	KR**754811**	Surface mounted feed, level 1+2, 24Vdc, white
	KR**754812**	Surface mounted feed, level 1+2, 24Vdc, black

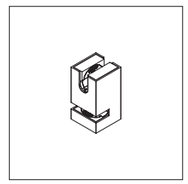
		CRI	CCT	Voltage	Wattage	Fixture lumen
①	LED	CRI90+	2700K/3000K	24Vdc	12,2W/m	808lm/m
②	LED	CRI90+	2700K/3000K	24Vdc	12,2W/m	873lm/m

REMARKS
❶ 2~circuits, max. system load: 2x70W
❷ Cross connector cannot be used on kagi 26 level 1 profiles

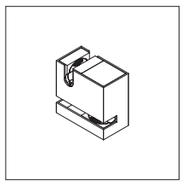
Mounting block



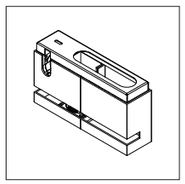
Mechanical cross connector



Electrical cross connector

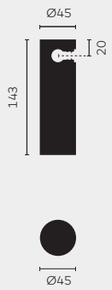


Surface mounted feed level 2

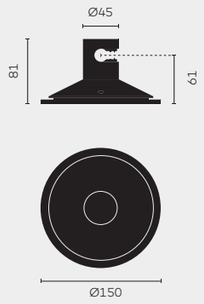


kreon kagi modules, level 2

holon 40 on-kagi, fixed, level 2

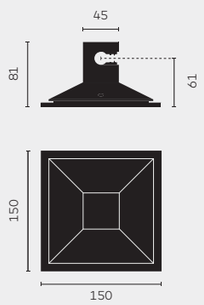


holon 40 on-kagi deco, level 2



prologe 40 on-kagi, fixed, level 2

prologe 40 on-kagi deco,, level 2



		Colour	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** spot (15°)	**FL** flood (30°)	**WD** Wireless dim ❶	**SW** Switchable ON/OFF
	holon 40 on-kagi fixed, level 2	○	KR**954531**	①	●	●	●	●	●	●
		●	KR**954532**	①	●	●	●	●	●	●
	holon 40 on-kagi wallwasher, level 2	○	KR**954571**	②	●	●			●	●
		●	KR**954572**	②	●	●			●	●
	holon 40 on-kagi deco, level 2	●	KR**954592**	③	●	●			●	●
	prologe 40 on-kagi fixed, level 2	○	KR**954031**	①	●	●	●	●	●	●
		●	KR**954032**	①	●	●	●	●	●	●
	prologe 40 on-kagi wallwasher, level 2	○	KR**954071**	①	●	●			●	●
		●	KR**954072**	①	●	●			●	●
	prologe 40 on-kagi deco, level 2	●	KR**954092**	③	●	●			●	●

		CRI	CCT	Voltage	Wattage	Fixture lumen
①	LED	CRI90+	2700K/3000K	24Vdc	9,8W	440lm
②	LED	CRI90+	2700K/3000K	24Vdc	5,2W	240lm
③	LED	CRI90+	2700K/3000K	24Vdc	9,8W	160lm

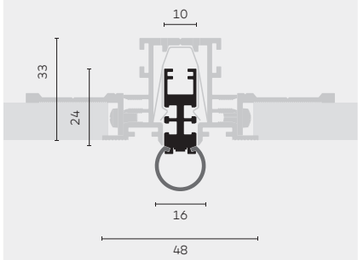
REMARKS

❶ Internal bluetooth antenna is programmed with Xicato firmware

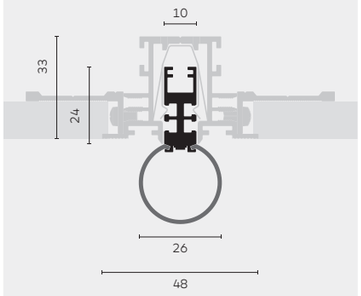
kreon kagi modules cannot be used on kreon kagi 26 profile.

kreon kagi recessed profile

kagi 16, recessed mounted



kagi 26, recessed mounted



		Colour	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**DIF** diffusor	**XS** L = 532 mm	**S** L = 1032 mm	**M** L = 1532 mm	**L** L = 2032 mm	**XL** L = 3032 mm	Required accessories	Optional accessories
	kagi 16 recessed mounted **LxW** Lx50 **D** 33 No additional fixtures or cross connectors possible	●	KR**954002**	①	●	●	●	●	●	●	●	●	■	■
	kagi 26 recessed mounted **LxW** Lx50 **D** 33 No additional fixtures or cross connectors possible	●	KR**954102**	①	●	●	●	●	●	●	●	●	■	■

■ Required accessories

Plasterkit for recessed mounting ❶	KR**754001-XS**	Plasterkit, XS
	KR**754001-S**	Plasterkit, S
	KR**754001-M**	Plasterkit, M
	KR**754001-L**	Plasterkit, L
	KR**754001-XL**	Plasterkit, XL
Connector	KR**754002**	Connector to align consecutive plasterkit profiles

■ Optional accessories

Power supply	KR**772060**	LED power supply 24Vdc, 70W
	KR**772160**	LED power supply 24Vdc, 150W
	KR**772260**	LED power supply 24Vdc, 96W
CV dimmers	KR**774106**	1-10V 24Vdc controller for linear light tubes
	KR**774206**	DALI 24Vdc controller for linear light tubes
	KR**774306**	Xicato enabled bluetooth controller for linear light tubes
Bluetooth switch	KR7**74301**	Xicato Xswitch for bluetooth conversion of standard low voltage light switches

	CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	CRI90+	2700K/3000K	24Vdc	12,2W/m	808lm/m
② LED	CRI90+	2700K/3000K	24Vdc	12,2W/m	873lm/m

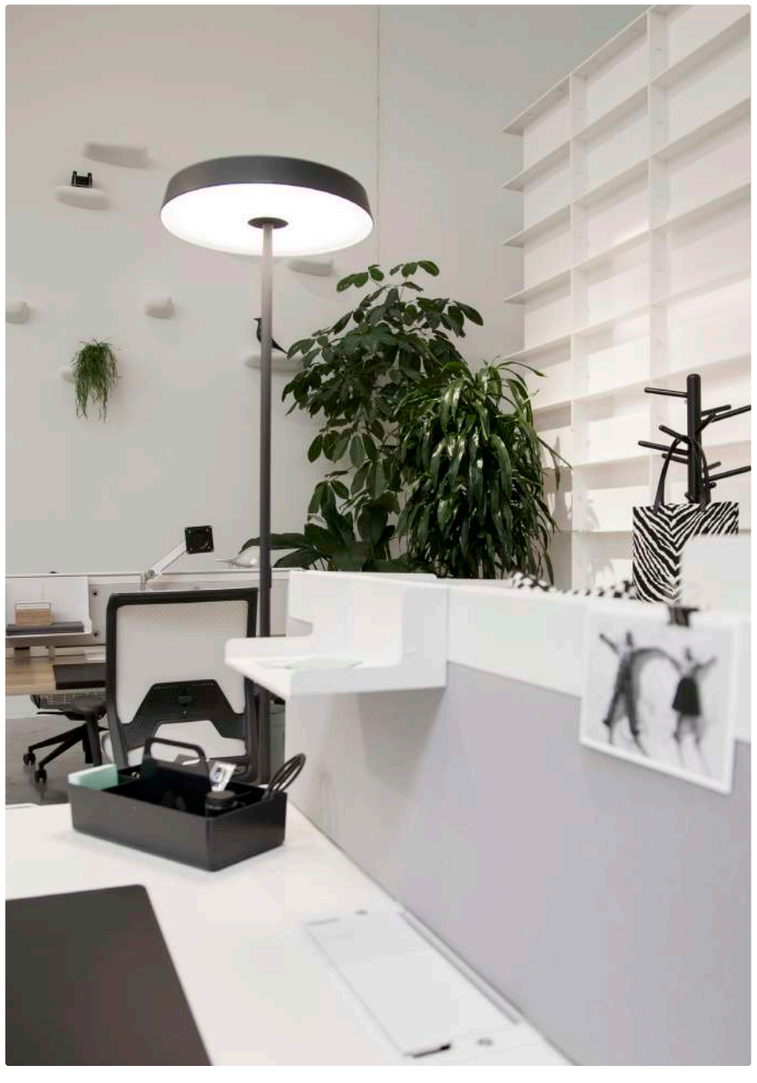
REMARKS
❶ Plasterkit profile should be finished with polyester gypsum.

Thickness boardmaterial: 12,5mm / 15mm / 18mm

kreon koi

The consistently slim-line construction makes kreon koi appear delicate and distinctly elegant. Thanks to these features it is particularly suitable for offices in which a cosier atmosphere is to be generated. kreon koi features a round, kreon koi-s and a square, kreon koi-q, shape both providing an impressive 7000 lumens of non-directional LED lighting. For extra comfort, the direct and indirect lighting can be dimmed independently of each other.

Project Vitra showroom **Location** Brussels, Belgium



koi-s, pendant, black

koi-q, free standing, black

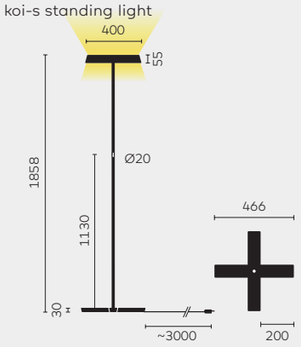
koi-s, ceiling, black

Project BPD
Location Frankfurt, Germany

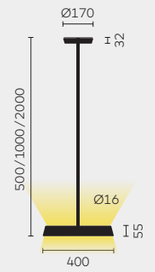
Architect Moho 1
Photographer Serge Brison

kreon koi-s

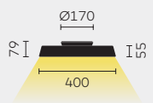
koi-s standing light



koi-s pendant light



koi-s ceiling light



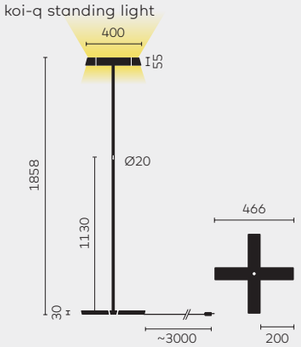
		Colour	KR-code	Light sources	**8030** 3000K, CRI80	**8040** 4000K, CRI80	**DD** DALI dimming	**MS** Multisens, self-adjusting
	koi-s standing light ❶	●	KR**944772**	①	●	●	●	●
	koi-s pendant light (0,5m)	●	KR**944072**	①	●	●	●	●
	koi-s pendant light (1m)	●	KR**944172**	①	●	●	●	●
	koi-s pendant light (2m)	●	KR**944272**	①	●	●	●	●
	koi-s ceiling light fixture	●	KR**944472**	②	●	●	●	●

		CRI	CCT	Wattage	Fixture lumen
①	LED	CRI>80	3000/4000K	77W	7062lm
②	LED	CRI>80	3000/4000K	25W	2210lm

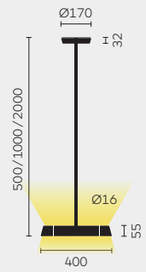
REMARKS
❶ Converter integrated in luminaire base. The base is supplied with a europlug. Other plugs available on request.

Direct and indirect light can be separately switched and dimmed, light distribution: 31% direct / 69% indirect, glare control: CDP diffuser, 235.1cd/klm, UGR <16, LED service life: 50,000h (L85/B30)
IP 20

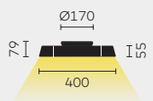
koi-q standing light



koi-q pendant light



koi-q ceiling light



		Colour	Light sources	KR-code	**8030** 3000K, CRI80	**8040** 4000K, CRI80	TD Dimmable, on stand	MS Multisens, self-adjusting
	koi-q standing light ❶	●	①	KR**944782**	●	●	●	●
	koi-q pendant light (0,5m)	●	①	KR**944082**	●	●	●	●
	koi-q pendant light (1m)	●	①	KR**944182**	●	●	●	●
	koi-q pendant light (2m)	●	①	KR**944282**	●	●	●	●
	koi-q ceiling light fixture	●	②	KR**944482**	●	●	●	●

		CRI	CCT	Wattage	Fixture lumen
①	LED	CRI>80	3000/4000K	77W	7062lm
②	LED	CRI>80	3000/4000K	25W	2210lm

REMARKS

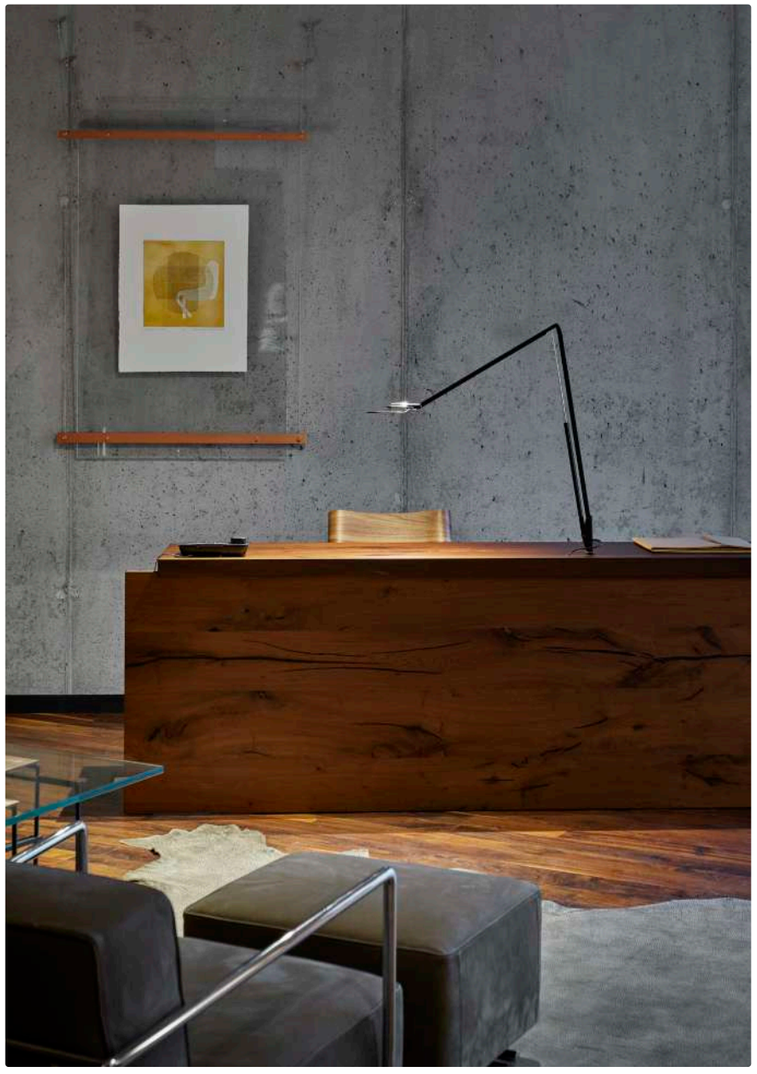
❶ Converter integrated in luminaire base. The base is supplied with a europlug. Other plugs available on request.

Direct and indirect light can be separately switched and dimmed, light distribution: 31% direct / 69% indirect, glare control: CDP diffuser, 235.1cd/klm, UGR <16, LED service life: 50,000h (L85/B30)
IP 20

kreon lifto

kreon lifto, combines state-of-the-art functionality with timeless design. The patented use of gas pressure springs is unique in lighting construction and gives kreon lifto its wide radius of action. The three articulated joints are easy to move with just one hand, yet the light stays unchanged in the desired position, even with this large radius of action. With 10 strong Power LEDs to illuminate the table over a wide and impressive area with high colour rendering. The close arrangement of the LEDs precludes unpleasant multiple shadowing.

The integrated tip-switch enables kreon lifto to be dimmed from 100-1% or switched completely on or off. The electronics are designed for an operating lifetime of 50,000hrs; yet kreon lifto is also designed so that the LED board can be replaced. kreon lifto has a wide range of applications in both the office and the home. The smaller kreon liftolino version is especially suitable for small tables or for bedside reading.

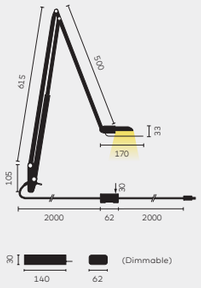


lifto, black

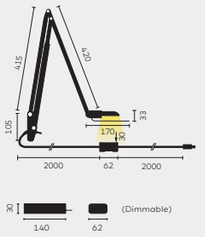
Project Hotel Warsawa
Location Warsaw, Poland

Architect M. Grzybek / G. Grzybek
M. Stępniewski-Janowski
P. Kramarz / J. Zardini / J. Wichłacz
Photographer Arne Jennard

lifto



liftolino



FIX-A

FIX-B

FIX-D

FIX-E

FIX-E-PLUS

FIX-F

FIX-Z

	Colour	Light sources	KR-code	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**TD** Dimmable, on lamp	Optional accessories
lifto table light	●	①	KR**944112**	●	●	●	■
liftolino table light	●	①	KR**944212**	●	●	●	■

■ Optional accessories	**Type**
Table clamp black	FIX-A
Iron base black	FIX-B
Threaded adapter	FIX-D
Adapter for USM Haller Table (not compatible with height-adjustable versions)	FIX-E
Adapter for USM Haller Table Plus/Access/Advanced and USM Kitos E Plus/Advanced	FIX-E-Plus
Adapter for USM Haller ball joint	FIX-F
Wall bracket, black	FIX-Z
Wall bracket, chrome plated	FIX-Z

	CRI	**CCT**	**Wattage**	**Fixture lumen**
① LED	CRI>90	3000K/4000K	7W	675lm

REMARKS
▣ IP 20

kreon lini

Continuous linear light is an essential tool for architects and lighting designers. The kreon lini range provides solutions for all kinds of applications. A recessed LED line on the bevelled edge provides homogeneous and dot-free illumination. The slim kreon lini 10 with a recessed silicone diffuser produces a sustained soft light distribution and can be used as a graphic play of light or guide light.

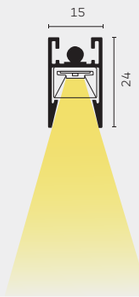
lini 10

Project Dental practice
Location Erding, Germany

Architect Designstudio Schönheinz
Photographer Designstudio Schönheinz

kreon lini 10

lini 10 profile



		Colour	KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	Required accessories	Optional accessories
	lini 10 profile ❶ **Gear:** excl.	○	KR**974111**	①	●	●	■	■
		●	KR**974112**	①	●	●	■	■
		●	KR**974114**	①	●	●	■	■

■ Required accessories

Surface mounted installation	KR**774010**	Mounting clip ❷
Recessed mounted installation	KR**774210**	Recessed trimless plasterkit ❸

■ Optional accessories

Power supply	KR**490373**	LED power supply 24VDC/30W
	KR**490374**	LED power supply 24VDC/60W
	KR**490375**	LED power supply 24VDC/100W
	KR**490376**	LED power supply 24VDC/150W
Controller	KR**774006**	DALI 24V controller
	KR**774106**	1-10V controller

	CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	CRI90	2700K/3000K	24V	14,4W/m	716lm/m

REMARKS

❶ Profile lenght needs to be optimised in steps of 50mm. Length to be configured. No dark spots allowed. No more than 5m can be powered in series, longer lengths to be connected to the power supply in parallel. Use power supply on remote. Minimum 111mm, maximum lenght of a single run profile 2961mm, profile sections can be connected.

❷ Sold per 5 pieces. In case of surface mounted use 2 clips per meter.

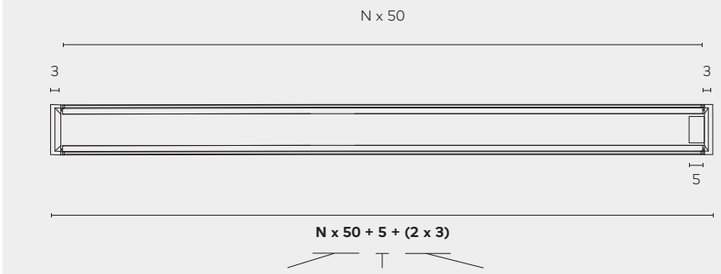
❸ Plasterkit profile should be finished with polyester gypsum. Possible thickness of board material: 12.5/15/18mm.

Profiles are supplied pre-assembled.

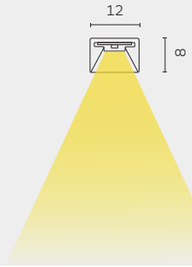
IP44

Use this formula to configure the length of the profile:
N x 50mm + 5mm + (2 x 3mm)

For profiles in multiple sections, please contact your kreon sales representative or one of the kreon offices.



lini 10 cove



	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	Optional accessories
lini 10 cove ❶ **Gear:** excl.	KR**774111**	①	●	●	■

■ **Optional accessories**

Power supply	KR**490373**	LED power supply 24VDC/30W
	KR**490374**	LED power supply 24VDC/60W
	KR**490375**	LED power supply 24VDC/100W
	KR**490376**	LED power supply 24VDC/150W
Controller	KR**774006**	DALI 24V controller
	KR**774106**	1-10V controller

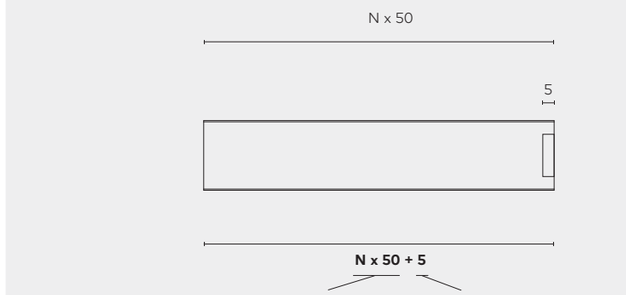
	CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	CRI90	2700K/3000K	24V	14,4W/m	928lm/m

REMARKS
❶ Profile lenght needs to be optimised in steps of 50mm. Length to be configured. No more than 5m can be powered in series, longer lengths to be connected to the power supply in parallel. Use power supply on remote. Minimum 55mm, maximum lenght of a single run profile 5005mm. Double sided tape is included.

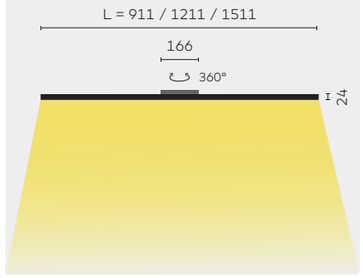
Profiles are supplied pre-assembled.
◈ IP44

Use this formula to configure the length of the profile:
N x 50mm + 5mm

For profiles in multiple sections, please contact your kreon sales representative or one of the kreon offices.



lini 10 on-track



	Colour	KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	SW Switchable ON/OFF	VD 1-10V dimming	DD DALI dimming	09 Length 911 mm	12 Length 1211 mm	15 Length 1511 mm	Optional accessories
lini 10 on-track ❶ **Gear:** incl.	○	KR**974811**	①	●	●	●	●	●	●	●	●	■
	●	KR**974812**	①	●	●	●	●	●	●	●	●	■
	●	KR**974814**	①	●	●	●	●	●	●	●	●	■

■ **Optional accessories**

Low voltage track	See page 642

		CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	09	CRI90	2700K/3000K	48V	15,5W	477lm
	12	CRI90	2700K/3000K	48V	17,3W	636lm
	15	CRI90	2700K/3000K	48V	21,6W	795lm

REMARKS
❶ Use in combination with a 48V low voltage track system (see page 642).

◈ IP44

kreon nuit

kreon nuit is an elementary designed beam that can be used as a massive line to bring graphical elements into architecture. The advanced LED system with slim TIR (Total Internal Reflector) lenses requires a slim gap of just 10mm to unfold a variety of beam angles: spot (12°) / flood (29°) / wide flood (40°) and oval (36°+13) in different CRI90 colour temperatures. Its basic form draws minimal attention creating an artistic yet responsible use of light sources. kreon nuit is available as a recessed, surface mounted or suspended installation, making it a highly versatile and performing linear lighting system.

The standard preconfigured lengths bring glare free accent lighting where as made to measure configurations, including corner cuts, offering the specifier maximum application freedom. The ideal kreon tools of light for residential, high end office and edgy hospitality projects.

Project Delektro
Location Ede, the Netherlands

Architect Goed Yd
Photographer Serge Brison

nuit profile surface mounted, black/black

nuit profile recessed mounted, white/black

nuit 1x5, white/white

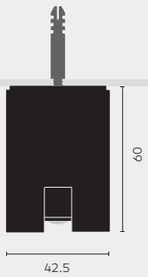
nuit 2x5, black/black

Project Private residence
Location Rotterdam, the Netherlands

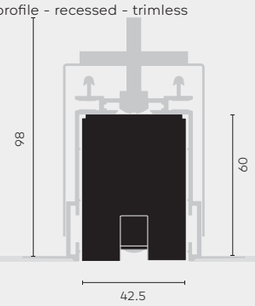
Photographer Serge Brison

kreon nuit profile

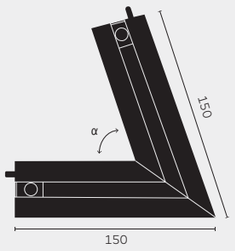
nuit profile - surface mounted



nuit profile - recessed - trimless

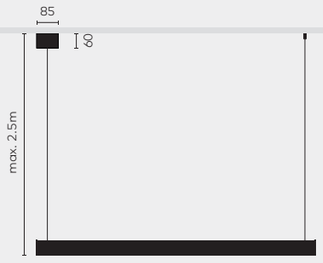


nuit profile corner cut



α = 45° / 60° / 90° / 120° / 135°

nuit profile - pendant mounted



		Colour	KR-code	Required accessories	Optional accessories
nuit profile **Gear:** excl., **input voltage:** 230V, **dim options:** phase, 1-10V, DALI **Min. length:** 500mm, **max length:** 6000mm ❶		○	KR**703211**	■	■
		●	KR**703212**	■	■
		◐	KR**703215**	■	■

■ **Optional accessories**

Recessed mounting	KR**703155**	Trimless plasterkit profile	
Pendant mounting ❷	KR**703555**	Suspension kit	
	KR**703550**	Additional suspension ❸	

			45 Corner 45°	**60** Corner 60°	**90** Corner 90°	**120** Corner 120°	**135** Corner 135°
Corner cut ❹	KR**703411**	nuit corner cut, white/white	●	●	●	●	●
	KR**703412**	nuit corner cut, black/black	●	●	●	●	●
	KR**703415**	nuit corner cut, white/black	●	●	●	●	●
	KR**703455**	Trimless plasterkit corner cut	●	●	●	●	●

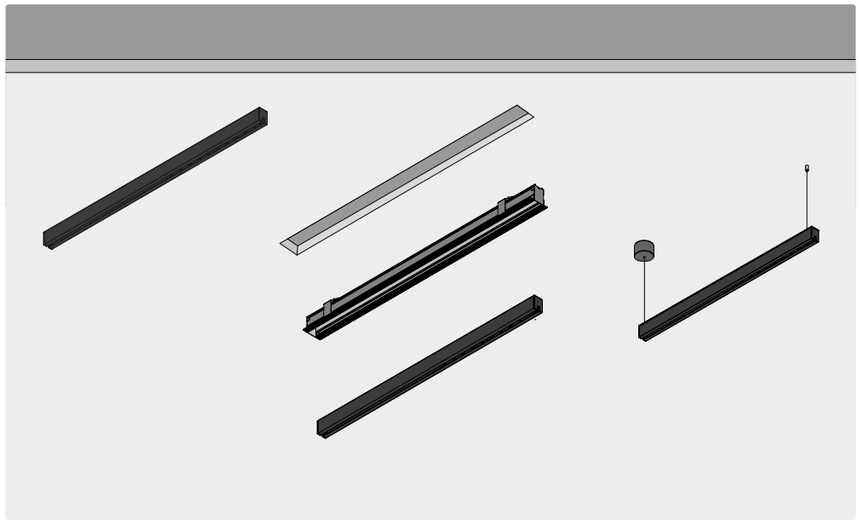
Driver ❺	KR**703020**	LED driver, switchable ON/OFF (1 driver = max. 3 modules)
	KR**703021**	LED driver, phase dimmable (1 driver = max. 2 modules)
	KR**703022**	LED driver, 1-10V dimmable (1 driver = max. 3 modules)
	KR**703023**	LED driver, DALI dimmable (1 driver = max. 3 modules)

REMARKS

❶ Max. shipping length of a single run profile. Shipping length depends on transport possibilities. Fixation point every 2.3m.
❷ kreon nuit pendant mounted only available with integrated gear.
❸ An additional suspension kit is required when the pendant kreon nuit is longer than 2,3m. Add an extra suspension per additional 2,3 meter in length.
❹ Corner cut has outside dimensions of 150 x 150mm. No luminaires can be placed in the corner cut.
❺ Use at lease 1 driver per illuminated profile part

The profile is supplied pre-assembled.
IP20

Surface mounting | Recessed mounting | Pendant mounting



nuit profile 1x5 LED module

		KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	9040 4000K, CRI90+	SP Spot 12°	FL Flood 29°	WFL Wide flood (40°)	OV Oval (13°+36°)	Optional accessories
	nuit profile 1x5 LED module	KR**974190**	①	●	●	●	●	●	●	●	■

■ **Optional accessories**

Emergency kit ❶	KR**703120**	Emergency kit, battery pack and indicator LED

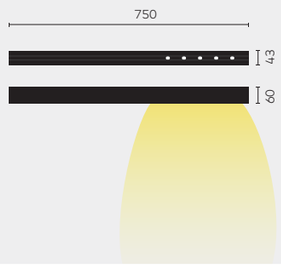
		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI90+	2700K/3000K/4000K		7W	500mA	498lm
				230V	7W		498lm

REMARKS
❶ kreon nuit profile length must be minimum 1500mm. Maximum 1 LED module with EM kit per profile section. The EM-kit is maintained, includes a 3hr. battery pack and indicator LED.

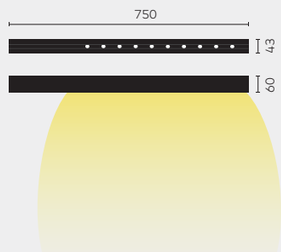
IP20

nuit 1x5, gear excl

nuit 1x5, gear incl.



nuit 2x5, gear incl.



	Colour	KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	9040 4000K, CRI90+	SP Spot (12°)	FL Flood (29°)	WFL Wide flood (40°)	OV Oval (13°+36°)	PD Phase dimming/ ON-OFF	VD 1-10V dimming	DD DALI/touch dimming	Optional accessories
nuit 1x5 **Gear:** excl.	○	KR**953501**	①	●	●	●	●	●	●	●				■
	●	KR**953502**	①	●	●	●	●	●	●	●				■
	◐	KR**953505**	①	●	●	●	●	●	●	●				■
nuit 1x5 **Gear:** incl.	○	KR**953511**	②	●	●	●	●	●	●	●	●	●	●	■
	●	KR**953512**	②	●	●	●	●	●	●	●	●	●	●	■
	◐	KR**953515**	②	●	●	●	●	●	●	●	●	●	●	■
nuit 2x5 **Gear:** incl.	○	KR**953521**	③	●	●	●	●	●	●	●	●	●	●	■
	●	KR**953522**	③	●	●	●	●	●	●	●	●	●	●	■
	◐	KR**953525**	③	●	●	●	●	●	●	●	●	●	●	■

■ **Optional accessories**

Recessed mounting for nuit 1x5 gear excl.	KR**753301**	Trim, white
	KR**753302**	Trim, black
	KR**753300**	Trimless
Recessed mounting for nuit gear incl.	KR**753311**	Trim, white
	KR**753312**	Trim, black
	KR**753310**	Trimless
Driver	KR**772024**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W

		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI90+	2700K/3000K/4000K		7W	500mA	498lm
②	LED	CRI90+	2700K/3000K/4000K	230V	7W		498lm
③	LED	CRI90+	2700K/3000K/4000K	230V	2x7W		996lm

REMARKS
IP20

kreon onn

The simple and archetypical volume of kreon onn-wall creates an indirect ambient lighting making it an ideal fixture for highlighting all types of ceilings. kreon onn-wall 165 and 300 comes in two beam options. Narrow beam using TIR (Total Internal Reflection) lens technology for a forward throw light distribution without on the wall hot spots or wide beam using faceted reflectors by Bartenbach Lichtlabor for a high output and evenly spread indirect light distribution.

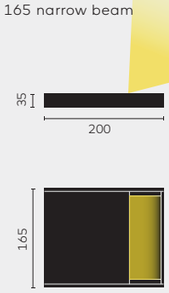
onn-wall 165, white

onn-wall 300, black

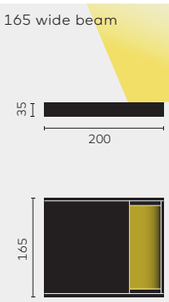
Project Private residence
Location Paris, France

Architect Olivia Stiegler
Photographer Serge Brison

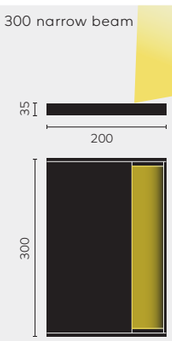
onn-wall 165 narrow beam



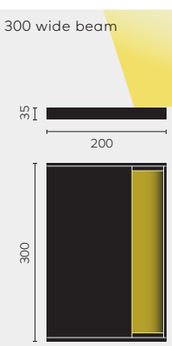
onn-wall 165 wide beam



onn-wall 300 narrow beam



onn-wall 300 wide beam



	Colour	KR-code	Light sources	**9027** 2700K, CRI90+	**VD** 1-10V dimming	**DD** DALI
onn-wall 165 narrow beam 1-10V gear incl.	○	KR**983511**	①			
	●	KR**983512**	①			
onn-wall 165 narrow beam DALI gear incl.	○	KR**983311**	①			
	●	KR**983312**	①			
onn-wall 165 wide beam	○	KR**983411**	②	●	●	●
	●	KR**983412**	②	●	●	●
onn-wall 300 narrow beam 1-10V gear incl.	○	KR**983521**	③			
	●	KR**983522**	③			
onn-wall 300 narrow beam DALI gear incl.	○	KR**983321**	③			
	●	KR**983322**	③			
onn-wall 300 wide beam	○	KR**983421**	④	●	●	●
	●	KR**983422**	④	●	●	●

		CRI	CCT	Voltage	Wattage	Fixture lumen
①	LED	CRI80+	2700K	230V	8,6W	605lm
②	LED	CRI90	2700K	230V	25W	1590lm
③	LED	CRI80+	2700K	230V	17,2W	1211lm
④	LED	CRI90	2700K	230V	50W	3180lm

REMARKS
Gear included.
IP40

kreon oran

kreon oran's design is based on the architectural principle of the ‘plastic number’. The basic shapes that can be derived from the number’s proportions make up the building blocks of this new line of lighting luminaries.

Designing from the plastic number means working with spatial components. Creating spatial luminaires is in strong contrast with kreon’s earlier designing principles, which were exclusively applied to flat surfaces. For kreon, oran is its first design to claim space and to actively demand to be a part of it. The product’s spatiality can be seen in its proportions, as well as its dimensions and materialisation.

The unique form of kreon oran's reflector inside the lamp was inspired by aspects of nature, specifically, the Japanese Venus’ flower basket sponge.

The reflector is printed with 3D-techniques. To mimic the natural shape of the Venus’ flower basket, a simple element is enlarged in a tiered manner giving Oran’s reflector the appearance of having grown in an organic way. While using the latest techniques, the kreon oran glass lamp is mouthblown, reminiscent of traditional methods. The Oran line utilises artisan techniques and modern technologies in one design.

Project Notary's Office
Location Westerlo, Belgium

Architect Bplus
Photographer Serge Brison

oran, black, sphere bulb

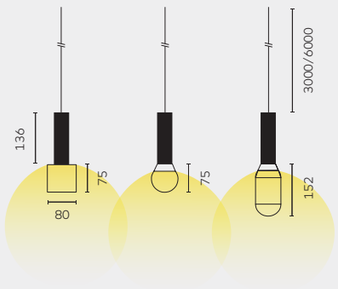
oran kap, black, black/bronze shade, long ampoule

oran in-line, sphere bulb, white with shadowgap

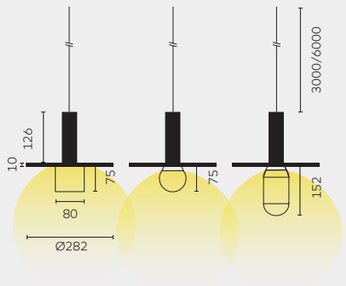
Project Mesa
Location Antwerp, Belgium

Architect Dieter Vander Velpen Architects
Photographer Patricia Goijens

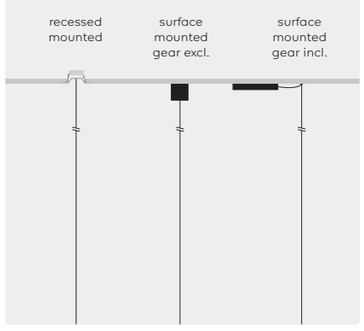
oran pendant



oran pendant kap



installation



		Colour	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**S** Glass sphere bulb	**L** Glass long ampoule	**A** Alabaster block ❶	**3** 3 meter pendant	**6** 6 meter pendant	**P1** White shade bottom	**P2** Black shade bottom	**A3** Grey shade bottom	**A4** Bronze shade bottom	Required accessories	Optional accessories
	oran pendant	○	KR**991121**	①	●	●	●	●	●	●	●					■	■
		●	KR**991122**	①	●	●	●	●	●	●	●					■	■
	oran pendant kap	○	KR**991141**	①	●	●	●	●	●	●	●	●				■	■
		●	KR**991142**	①	●	●	●	●	●	●	●		●	●	●	■	■

■ **Required accessories**

Recessed mounted		KR**791000**	Recessed suspension kit
		KR**707104**	Plasterkit, no shadowgap ◈ Ø 63 ❷
		KR**707106**	Louvre, white
		KR**707122**	Louvre, black
Surface mounted (gear excl.)	○	KR**791001**	Surface mounted installation box, white Ø 45 **H** 50
	●	KR**791002**	Surface mounted installation box, black Ø 45 **H** 50
Surface mounted (ON/OFF gear incl.)	○	KR**791004**	Surface mounted gearbox (for 1 module) - 1 circuit, white
	●	KR**791005**	Surface mounted gearbox (for 1 module) - 1 circuit, black
	○	KR**791006**	Surface mounted gearbox, (for 2 up to 3 modules) - 1 circuit, white
	●	KR**791007**	Surface mounted gearbox, (for 2 up to 3 modules) - 1 circuit, black

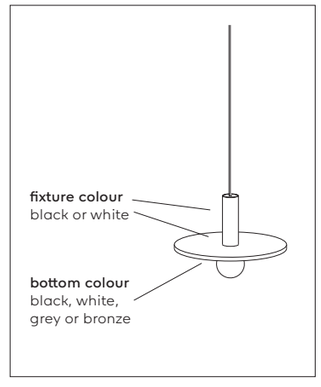
■ **Optional accessories**

Driver		KR**762700**	LED driver, 700mA, ON/OFF, 11W ❷
		KR**762902**	LED driver, 700mA, 1-10V, 25W (IP67) ❷
		KR**752733**	LED driver, 700mA, DALI ❸
		KR**772433**	LED driver, 700mA, phase dim, 10W ❸
Distance ring (for plasterkit concrete)		KR**707307**	Distance ring 2mm (set of 5 pcs.)
		KR**707308**	Distance ring 3mm (set of 5 pcs.)
		KR**707309**	Distance ring 5mm (set of 5 pcs.)

		CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	glass	CRI90+	2700K/3000K	6,7W	700mA	307lm
	albast block	CRI90+	2700K/3000K	6,7W	700mA	❹ 43lm

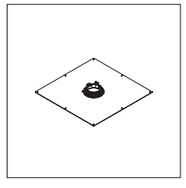
REMARKS
❶ Protect the alabaster block against direct sunlight and temperatures above 50°C.
❷ Driver fits through plasterkit. Required installation depth: 180 mm
❸ Should be placed on remote.
❹ Lumen output may vary due to the use of natural products.

The stated dimensions of the glass and albast are only to be used as a reference. Actual dimensions may vary. Each unit is unique due to the artisanal production technique.
Max. length pendant cord: 3000mm or 6000mm.
Thickness boardmaterial: 9-14mm
Gear excluded.
◈ IP40



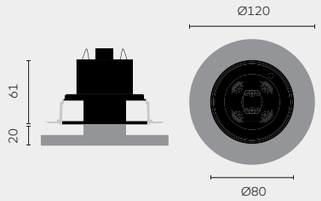
Plasterkit

Plasterkit concrete

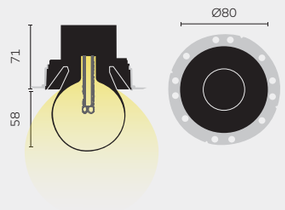


kreon oran in-line

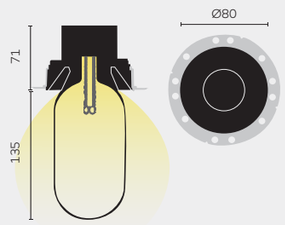
oran in-line alabaster

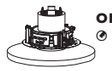


oran in-line sphere bulb



oran in-line long ampoule



	KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	A Alabaster	S Sphere bulb	L Long ampoule	Required accessories	Optional accessories
 **oran in-line** ◔ Ø 102 **H** 100	KR**991101**	①	●	●	●			■	■
oran in-line ◔ Ø 102 **H** 100	KR**991102**	②	●	●		●	●	■	■

■ **Required accessories**

Plasterkit	KR**717104**	Plasterkit, no shadowgap
	KR**717108**	Plasterkit, with shadowgap
Plasterkit concrete	KR**717102**	Plasterkit for concrete installation, no shadowgap, small (200x200)
	KR**717107**	Plasterkit for concrete installation, shadowgap, small (200x200)
Louvre (only for bulb S and L)	KR**717106**	Louvre, white
	KR**717122**	Louvre, black
	KR**717105**	Louvre, gun black
	KR**717103**	Louvre, red satin copper

■ **Optional accessories**

Driver	KR**772024**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772236**	LED driver, 700mA, DALI, 18W
	KR**772433**	LED driver, 700mA, phase dim, 10W
Distance ring (for plasterkit concrete)	KR**717307**	Distance ring 2mm (set of 5 pcs.)
	KR**717308**	Distance ring 3mm (set of 5 pcs.)
	KR**717309**	Distance ring 5mm (set of 5 pcs.)

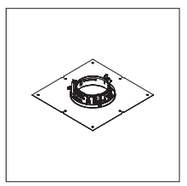
		CRI	CCT	Wattage	Drive current	Fixture lumen
①	LED	CRI90+	2700K/3000K	6,7W	700mA	681m
②	LED	CRI90+	2700K/3000K	6,7W	700mA	282lm

REMARKS
The stated dimensions of the glass are only to be used as a reference. Actual dimensions may vary. Each unit is unique due to the artisanal production technique.

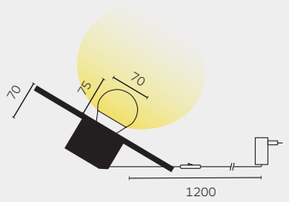
Thickness boardmaterial:
9-26mm
Gear excluded.
◈ IP20

Plasterkit

Plasterkit concrete



oran object



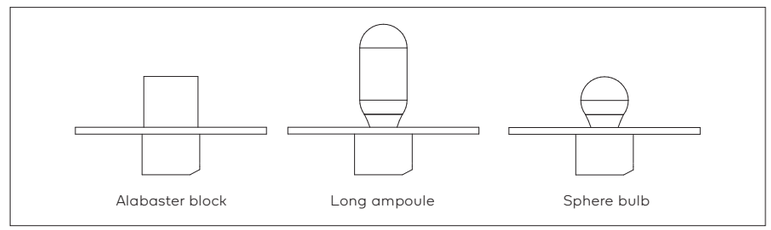
	Colour	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**S** Sphere bulb	**L** Long ampoule	**A** Alabaster block ❶	**P1** White shade bottom	**P2** Black shade bottom	**A3** Grey shade bottom	**A4** Bronze shade bottom
oran object	○	KR**991341**	①	●	●	●	●	●	●			
	●	KR**991342**	①	●	●	●	●	●		●	●	●

		CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	glass	CRI90+	2700K	230V	6,7W	307lm
	albast block	CRI90+	2700K	230V	6,7W	❷ 43lm

REMARKS
❶ Protect the alabaster block against direct sunlight and temperatures above 50°C.
❷ Lumen output may vary due to the use of natural products.

The base is supplied with a europlug. The length of the power cord is 1,2 m.

The stated dimensions of the glass are only to be used as a reference. Actual dimensions may vary. Each unit is unique due to the artisanal production technique.
Gear included.
IP40



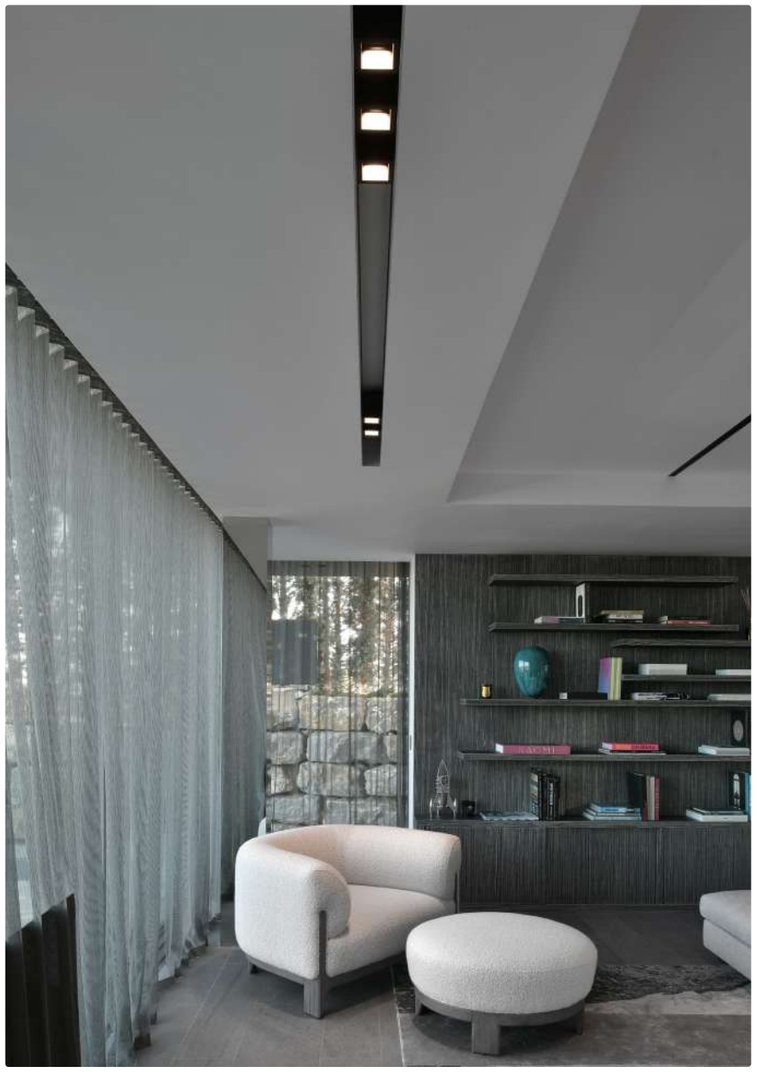
kreon prologe

kreon prologe is a range of surface mounted cubic downlights characterised by a compact form and deep set LED position. kreon prologe comes in two sizes to suit spatal requirements, providing a discreet yet functional solution to general or accent lighting within architecture. Finished in black for a dramatic ceiling contrast or pure white.

kreon prologe in-line or in-dolma set the cubic downlights accordingly either fully-recessed or semi-recessed in a tailor made extruded profile. The profile is available in black anodised or satin silver anodised.

Project Private residence
Location Ibiza, Spain

Architect Alysson Feit Interieurs
Photographer Serge Brison



prologe 80 single, black

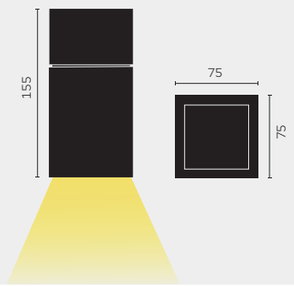
prologe 80 in-dolma double, white, black profile

prologe 145 single, black

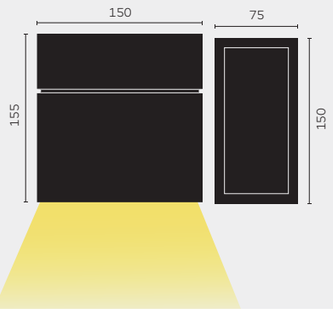
Project Private residence
Location Miami, USA

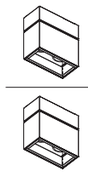
Lighting Designer The Lighting Studios
Photographer Luis Arturo Moro

prologe 80 single



prologe 80 double



		Colour	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	**SW** Switchable ON/OFF	Optional accessories
	prologe 80 single fixed LED **Gear:** excl. ◈	○	KR**967121**	①	●	●	●	●	●	●	●	●	●		■
		●	KR**967122**	①	●	●	●	●	●	●	●	●	●		■
	prologe 80 single fixed LED **Gear:** incl.	○	KR**967131**	②	●	●	●	●	●	●				●	
		●	KR**967132**	②	●	●	●	●	●	●				●	
	prologe 80 single fixed LED MR16 **Gear:** incl., **lamp:** excl.	○	KR**968111**	③											
		●	KR**968112**	③											
	prologe 80 single fixed LED PAR16 **Lamp:** excl.	○	KR**968131**	④											
		●	KR**968132**	④											
	prologe 80 double fixed LED **Gear:** excl. ◈	○	KR**967221**	⑤	●	●	●	●	●	●	●	●	●		■
		●	KR**967222**	⑤	●	●	●	●	●	●	●	●	●		■
	prologe 80 double fixed LED **Gear:** incl.	○	KR**967231**	⑥	●	●	●	●	●	●				●	
		●	KR**967232**	⑥	●	●	●	●	●	●				●	
	**prologe 80 double fixed LED MR16** **Gear:** incl., **lamp:** excl.	○	KR**968211**	③											
		●	KR**968212**	③											
	prologe 80 double fixed LED PAR16 **Lamp:** excl.	○	KR**968231**	④											
		●	KR**968232**	④											

■ Optional accessories

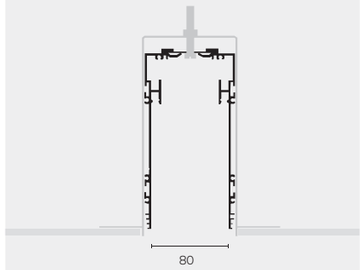
Driver	KR7**72024**	LED driver, 500mA, ON/OFF, 20W
	KR7**72220**	LED driver, 500mA, 1-10V, 20W
	KR7**72126**	LED driver, 500mA, DALI, 18W
	KR7**72123**	LED driver, 500mA, DALI, 27W

		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI83	2700K/3000K/4000K		6,6W	500mA	643lm
		CRI90	2700K/3000K/4000K		7,9W	500mA	643lm
		CRI98	2700K/3000K/4000K		9,2W	500mA	643lm
②	LED	CRI83	2700K/3000K/4000K	230V	4,5W		480lm
		CRI90	2700K/3000K/4000K	230V	5,4W		480lm
③	LED MR16	fitting GU5,3		230V	(2x) 20W		
④	LED PAR16	fitting GU10		230V	(2x) 20W		
⑤	LED	CRI83	2700K/3000K/4000K		2 x 6,6W	500mA	1287lm
		CRI90	2700K/3000K/4000K		2 x 7,9W	500mA	1287lm
		CRI98	2700K/3000K/4000K		2 x 9,2W	500mA	1287lm
⑥	LED	CRI83	2700K/3000K/4000K	230V	2 x 4,5W		960lm
		CRI90	2700K/3000K/4000K	230V	2 x 5,4W		960lm

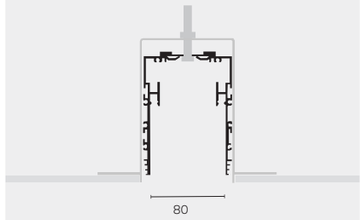
REMARKS
IP 20

kreon prologe 80 in-line/in-dolma

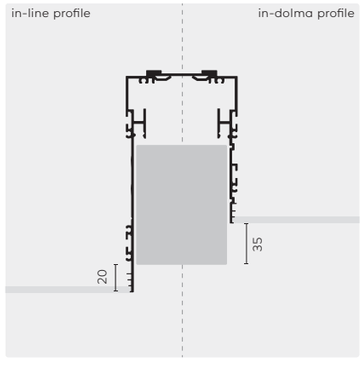
prologe 80 in-line profile



prologe 80 in-dolma profile



in-line profile in-dolma profile



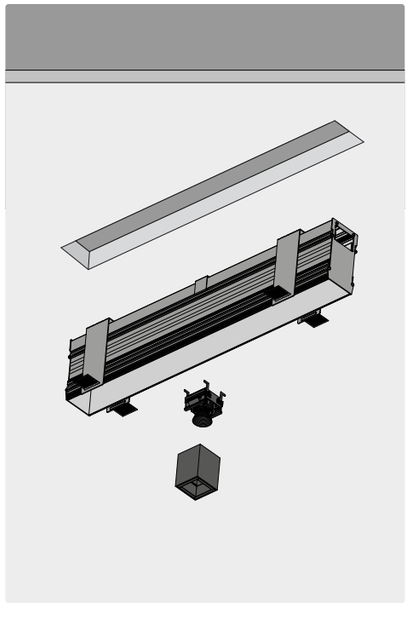
	Colour	KR-code	Optional accessories
prologe 80 in-line profile aluminium **LxW** (L+10)x105 **D** 245	●	KR**765102**	■
	●	KR**765103**	■
prologe 80 in-dolma profile aluminium **LxW** (L+10)x105 **D** 190	●	KR**765002**	■
	●	KR**765003**	■

■ **Optional accessories**

Corner cut	KR**765402**	90° corner cut prologe 80 in-line, black anodised
	KR**765403**	90° corner cut prologe 80 in-line, natural anodised
	KR**765302**	90° corner cut prologe 80 in-dolma, black anodised
	KR**765303**	90° corner cut prologe 80 in-dolma, natural anodised
Electrical wiring	KR**705401**	Extra electrical wiring

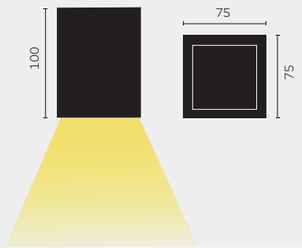
REMARKS
kreon prologe profile should be finished with polyester gypsum.
The profile is supplied pre-assembled (all gears incl.)
Combinations can be specified on order form.
Max. length single profile: 6000mm.
Shipping length depends on transport possibilities.
IP40

prologe 80 single in-line

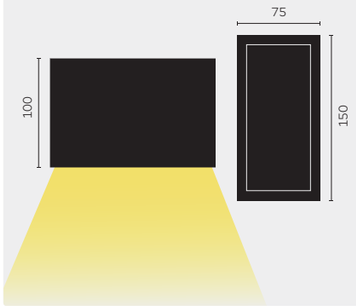


kreon prologe 80 in-line/in-dolma

prologe 80 in-line/in-dolma single



prologe 80 in-line/in-dolma double



		Colour	KR-code	Light sources	**8327** 2700K, CRI83	**8330** 3000K, CRI83	**8340** 4000K, CRI83	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90	**9827** 2700K, CRI98	**9830** 3000K, CRI98	**9840** 4000K, CRI98	**SW** Switchable ON/OFF	**VD** 1-10V dimming	**DD** DALI dimming	Optional accessories
	prologe 80 in-line/in-dolma single fixed LED **Gear:** electr. incl.	○	KR**965121**	①	●	●	●	●	●	●	●	●	●	●	●	●	
		●	KR**965122**	①	●	●	●	●	●	●	●	●	●	●	●	●	
	prologe 80 in-line/in-dolma single fixed LED MR16 **Gear:** electr. incl., **lamp:** excl.	○	KR**965111**	②													■
		●	KR**965112**	②													■
	prologe 80 in-line/in-dolma single fixed LED PAR16 **Lamp:** excl.	○	KR**965131**	③													
		●	KR**965132**	③													
	prologe 80 in-line/in-dolma double fixed LED **Gear:** electr. incl.	○	KR**965221**	④	●	●	●	●	●	●	●	●	●	●	●	●	
		●	KR**965222**	④	●	●	●	●	●	●	●	●	●	●	●	●	
	prologe 80 in-line/in-dolma double fixed LED MR16 **Gear:** electr. incl., **lamp:** excl.	○	KR**965211**	⑤													■
		●	KR**965212**	⑤													■
	prologe 80 in-line/in-dolma double fixed LED PAR16 **Lamp:** excl.	○	KR**965231**	⑥													
		●	KR**965232**	⑥													

■ Optional accessories

Frosted glass

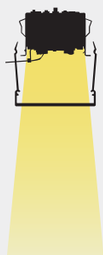
KR**760109**	Frosted glass prologe 80 in-line/in-dolma single LED MR16
KR**760209**	Frosted glass prologe 80 in-line/in-dolma double LED MR16

		CRI	CCT	Voltage	Wattage	Fixture lumen
①	LED	CRI83	2700K/3000K/4000K	230V	6,6W	643lm
		CRI90	2700K/3000K/4000K	230V	7,9W	643lm
		CRI98	2700K/3000K/4000K	230V	9,3W	643lm
②	LED MR16	fitting GU5,3		230V	20W	
③	LED PAR16	fitting GU10			20W	
④	LED	CRI83	2700K/3000K/4000K	230V	2 x 6,6W	1287lm
		CRI90	2700K/3000K/4000K	230V	2 x 7,9W	1287lm
		CRI98	2700K/3000K/4000K	230V	2 x 9,3W	1287lm
⑤	LED MR16	fitting GU5,3		230V	2 x 20W	
⑥	LED PAR16	fitting GU10		230V	2 x 20W	

REMARKS
IP20

prologe 80 in-line/in-dolma

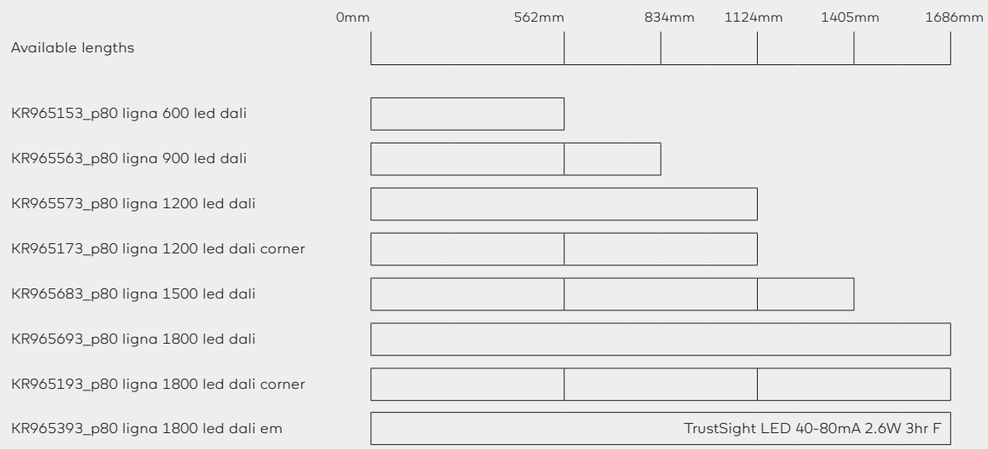
prologe 80 ligna in-line/in-dolma dimmable



		KR-code	Light sources	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**9040** 4000K, CRI90
	prologe 80 ligna in-line/in-dolma **Gear:** incl., **protocol:** DALI **Length:** 562mm, OLDP diffuser incl.	KR**965153**	①	●	●	●
	prologe 80 ligna in-line/in-dolma **Gear:** incl., **protocol:** DALI **Length:** 843mm, OLDP diffuser incl.	KR**965563**	②	●	●	●
	prologe 80 ligna in-line/in-dolma **Gear:** incl., **protocol:** DALI **Length:** 1124mm, OLDP diffuser incl.	KR**965573**	③	●	●	●
	prologe 80 ligna in-line/in-dolma corner **Gear:** incl., **protocol:** DALI **Length:** 1124mm, OLDP diffuser incl.	KR**965173**	③	●	●	●
	prologe 80 ligna in-line/in-dolma **Gear:** incl., **protocol:** DALI **Length:** 1405mm, OLDP diffuser incl.	KR**965683**	④	●	●	●
	prologe 80 ligna in-line/in-dolma **Gear:** incl., **protocol:** DALI **Length:** 1686mm, OLDP diffuser incl.	KR**965693**	⑤	●	●	●
	prologe 80 ligna in-line/in-dolma corner **Gear:** incl., **protocol:** DALI **Length:** 1686mm, OLDP diffuser incl.	KR**965193**	⑤	●	●	●
	prologe 80 ligna in-line/in-dolma emergency **Gear:** incl., **protocol:** DALI **Length:** 1686mm, OLDP diffuser incl.	KR**965393**	⑤	●	●	●

		CRI	CCT	Voltage	Wattage	Fixture lumen
①	LED	CRI90+	2700K/3000K/4000K	230V	19W	1065lm
②	LED	CRI90+	2700K/3000K/4000K	230V	28,6W	1597lm
③	LED	CRI90+	2700K/3000K/4000K	230V	38,1W	2129lm
④	LED	CRI90+	2700K/3000K/4000K	230V	47,7W	2661lm
⑤	LED	CRI90+	2700K/3000K/4000K	230V	57,2W	3194lm

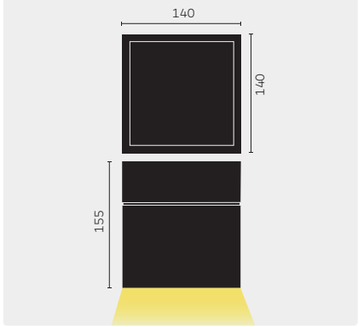
prologe 80 ligna LED configurations



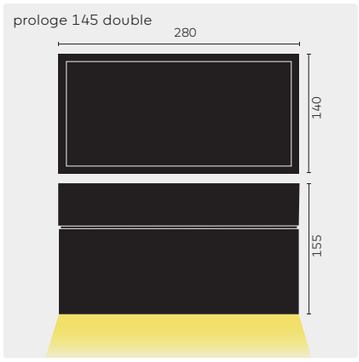
REMARKS
OLDP: opalised linear deglaring prism
IP40

kreon prologe 145

prologe 145 single



prologe 145 double



		Colour	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** Spot (14°)	**FL** Flood (30°)	**WFL** Wide flood (38°)	**SW** Switchable ON/OFF	**VD** 1-10V dimming	**DD** DALI dimming
	prologe 145 single directional **Gear:** incl. **Lamp:** incl.	○	KR**988651**	①	●	●	●	●	●	●	●	●
		●	KR**988652**	①	●	●	●	●	●	●	●	●
	prologe 145 double directional **Gear:** incl. **Lamp:** incl.	○	KR**988751**	②	●	●	●	●	●	●	●	●
		●	KR**988752**	②	●	●	●	●	●	●	●	●

		CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	**SP**	CRI90	2700K/3000K	230V	12W	890lm
	FL	CRI90	2700K/3000K	230V	12W	755lm
	WFL	CRI90	2700K/3000K	230V	12W	790lm
② LED	**SP**	CRI90	2700K/3000K	230V	2 x 12W	2x 890lm
	FL	CRI90	2700K/3000K	230V	2 x 12W	2x 755lm
	WFL	CRI90	2700K/3000K	230V	2 x 12W	2x 790lm

REMARKS
IP20

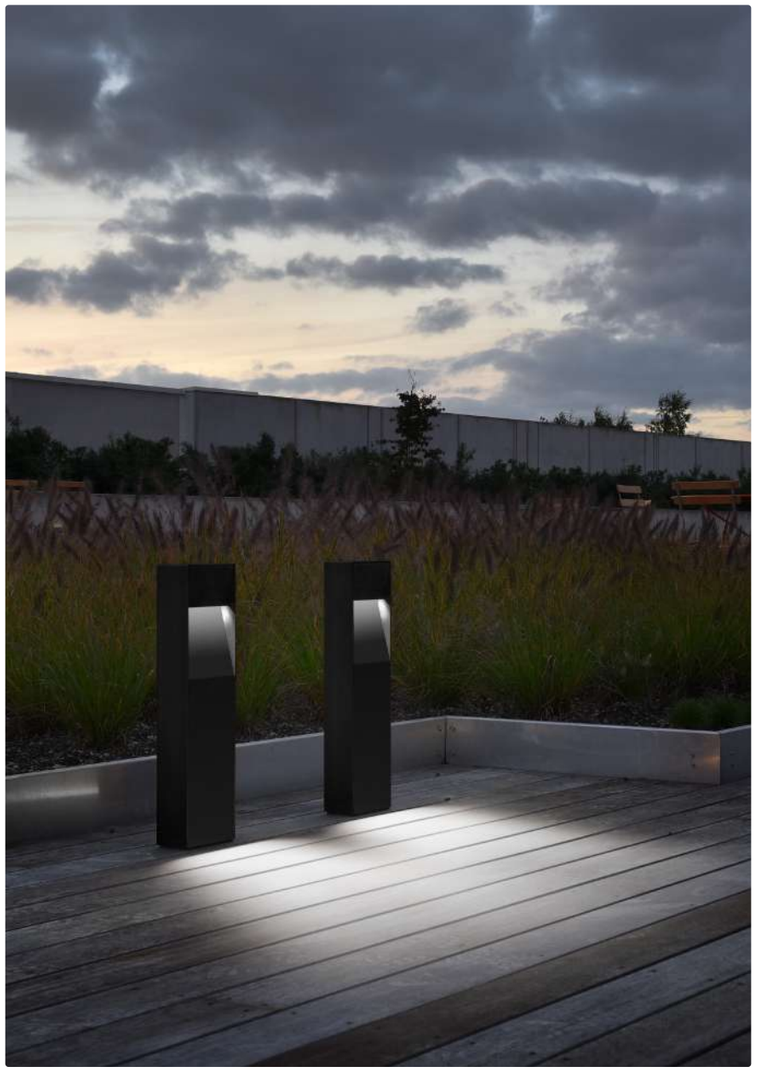
kreon raga

kreon raga is a geometrically shaped exterior bollard luminaire complemented by white and black marble or steel that reflect its mass. The units are sealed to IP66 and are fitted with linear LEDs or spoon shaped reflectors to provide an attractive surrounding glow.

kreon raga horizontal directs its light symmetrically to the ground. Additional ground pins and concrete anchors ensure a firm installation in any type of ground. Sealants and weatherproof coatings protect kreon raga against acid rain and salt.

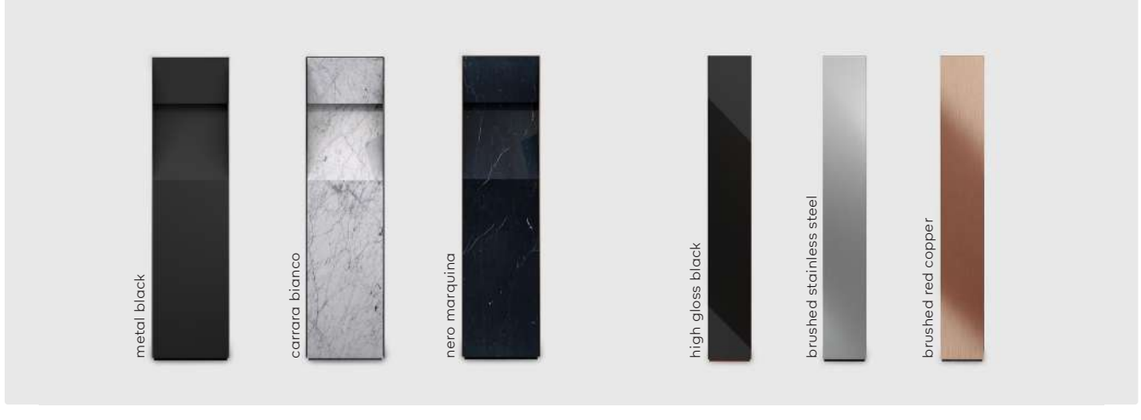
Project kreon headquarters
Location Oudsbergen, Belgium

Architect kreon / Conix RBDM Architects
Photographer kreon



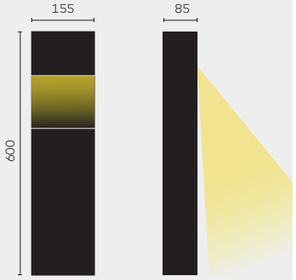
raga horizontal, metal black,
high gloss black

raga horizontal, carrara bianco,
stainless steel

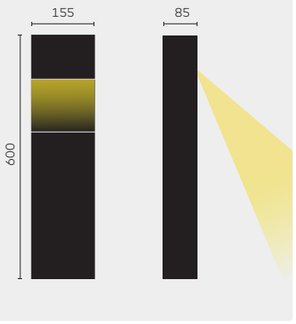


kreon raga

raga horizontal



raga horizontal, wide beam



		Colour ❶	KR-code	Light sources	8027 2700K, CRI80	9027 2700K, CRI90	9030 3000K, CRI90	HGB High gloss black frame finishing	SST Brushed stainless steel frame finishing	BRC Brushed red copper frame finishing	Optional accessories
	raga horizontal IP 66	●	KR**904002**	①	●			●	●	●	■
		○	KR**904005**	②	●			●	●	●	■
		◒	KR**904006**	③	●			●	●	●	■
	raga horizontal wide beam IP 66	●	KR**904102**	④		●	●	●	●	●	■

■ **Optional accessories**

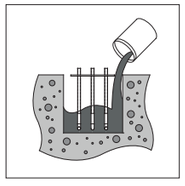
Anchor	KR**704000**	Concrete anchor
	KR**704004**	Flooring anchor

		CRI	CCT	Voltage	Wattage	Fixture lumen
①	LED	CRI80	2700K	230V	12W	539lm
②	LED	CRI80	2700K	230V	12W	685lm
③	LED	CRI80	2700K	230V	12W	540lm
④	LED	CRI90	2700K/3000K	230V	12W	449lm

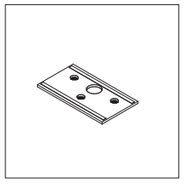
REMARKS
❶ kreon raga is available in three different materials:
● Metal black
○ Carrara bianco
◒ Nero marquina

Gear included (ON/OFF).

Concrete anchor



Flooring anchor



kreon rei

kreon rei is a family of products offered as individual wall mounted luminaires or as a continuous system. The individual kreon rei luminaires are low level wall recessed or surface wall mounted products designed to provide discreet placement lighting via an optimised reflector system. They are available in two sizes with a choice of black or white finish.

kreon rei continuous system is a ceiling surface mounted or ceiling recessed mounted luminaire offered with a choice of wall wash optic or downlight optic. Both types can be specified to length.

kreon rei wallwash optical system is developed to provide a homogenous continuous luminance on vertical surfaces and is the perfect solution for galleries, residential or retail applications where vertical plane luminance is a prerequisite of the lighting planning.

kreon rei downlight provides continuous controlled lighting in an optimised symmetric beam of just 55° to focus light over task areas or where an increased ambient level of lighting is required.

Project Schoeffaerts interior
Location Diepenbeek, Belgium

Architect Schoeffaerts
Photographer Serge Brison

rei downlight recessed, black

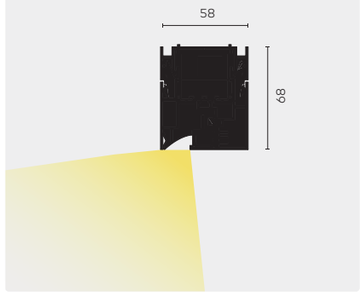
rei wallwasher surface mounted, white

rei on-track, white

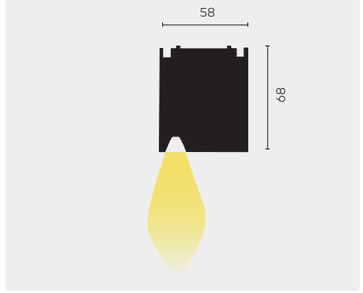
Project Shiseido
Location Milan, Italy

Architect Unispace
Photographer Alberto Strada

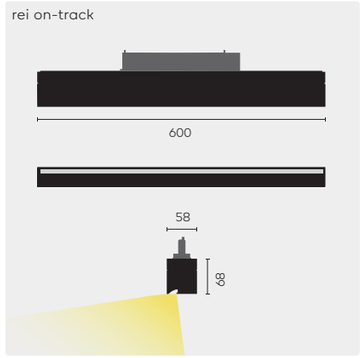
rei wallwasher



rei downlight



rei on-track



	Colour	KR-code	Light sources	**8027** 2700K, CRI80	**8030** 3000K, CRI80	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**SW** Switchable ON/OFF ❸	**VD** 1-10V dimming ❸	**DD** DALI dimming ❸	Required accessories	Optional accessories
rei wallwasher surface mounted ❶	○	KR**983251**	①	●	●	●	●	●	●	●		■
	●	KR**983252**	①	●	●	●	●	●	●	●		■
rei wallwasher recessed mounted ❶	○	KR**983241**	①	●	●	●	●	●	●	●	■	■
	●	KR**983242**	①	●	●	●	●	●	●	●	■	■
rei downlight surface mounted ❶	○	KR**993251**	②	●	●	●	●	●	●	●		
	●	KR**993252**	②	●	●	●	●	●	●	●		
rei downlight recessed mounted ❶	○	KR**993241**	②	●	●	●	●	●	●	●	■	
	●	KR**993242**	②	●	●	●	●	●	●	●	■	
rei wallwasher on-track ❷ 230V	○	KR**983131**	③	●	●	●	●	●				
	●	KR**983132**	③	●	●	●	●	●				

■ Required accessories

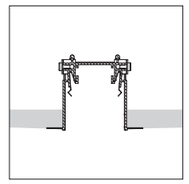
Plasterkit for recessed mounting	KR**783040**	Trimless plasterkit ◔ **LxW** Lx75 **D** 88
	KR**783240**	Trimless plasterkit (gen. 2) ◔ **LxW** Lx80 **D** 85

	CRI	CCT	Voltage	Wattage	Fixture lumen
① LED	CRI80+	2700K/3000K	230V	25,7W/m	920lm/m
	CRI90+	2700K/3000K	230V	25,7W/m	644lm/m
② LED	CRI80+	2700K/3000K	230V	25,7W/m	1019lm/m
	CRI90+	2700K/3000K	230V	25,7W/m	713lm/m
③ LED	CRI80+	2700K/3000K	230V	12,8W	605lm
	CRI90+	2700K/3000K	230V	12,8W	471lm

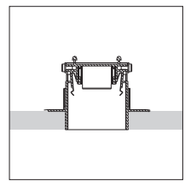
REMARKS
❶ Maximum shipping length of a single run profile is 3828mm. Shipping length depends on transport possibilities.
❷ Phase dimmable. Only for 3~Eutrack 230V profile. For track accessories see page 638.
❸ Minimum profile length driver incl:
SW: min. 702mm
VD or DD: min. 974mm.
Minimum profile length driver excl: 294mm.

Gear included.
IP40

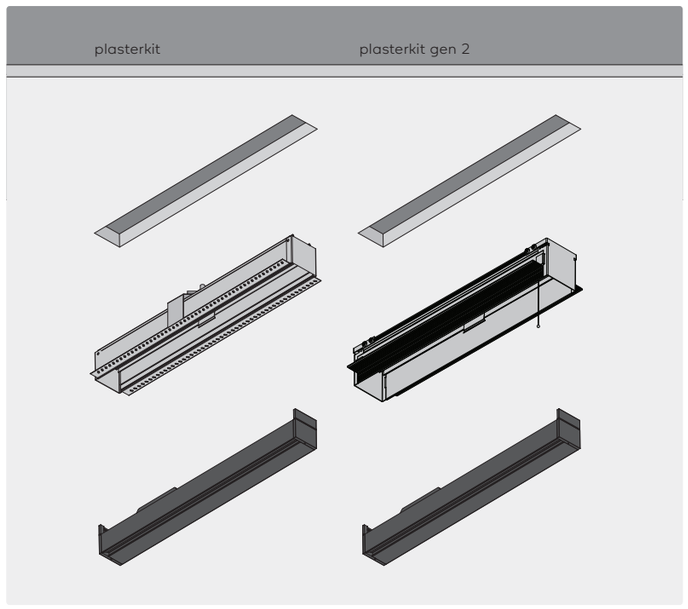
Plasterkit



Plasterkit gen. 2



rei profile



kreon rokko

kreon rokko is a black or white semi-recessed IP 65 luminaire that produces a soft gradient light and is ideal for pathway and orientation lighting. Whether used indoors or outdoors kreon rokko can create a formal continuity in architecture from the interior to the exterior of high end residential or hospitality projects.

kreon mini rokko and kreon mini square rokko can be installed in brickwork or cavity walls and require a minimum depth. These luminaires are offered with a 2700K, CRI80+ LED, driver included.

Project Private residence
Location Paris, France

Architect Olivia Stiegler
Photographer Serge Brison

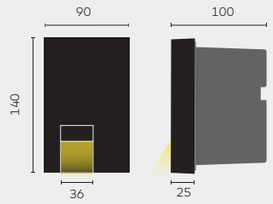
mini rokko, black

mini square rokko, white

Project Private residence
Location the Netherlands

Architect CS2 Architecten
Photographer Serge Brison

mini rokko



mini square rokko

		Colour	KR-code	Light sources	Optional accessories
	mini rokko **LxW** 125x75 **D** 80 **Gear:** excl. ◈	○	KR**943021**	①	■
		●	KR**943022**	①	■
	mini rokko **LxW** 125x75 **D** 80 **Gear:** incl. ❶ ⧈	○	KR**943121**	②	■
		●	KR**943122**	②	■
	mini square rokko **LxW** 125x125 **D** 85 **Gear:** incl. ⧈	○	KR**943321**	③	■
		●	KR**943322**	③	■

■ **Optional accessories**

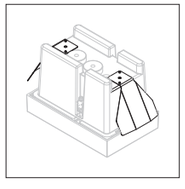
Installation set	KR**743002**	Plasterboard installation set
Concrete pouring mould	KR**743004**	Concrete pouring mould for mini rokko
	KR**743304**	Concrete pouring mould for mini square rokko
Driver	KR**772034**	LED driver, 700mA, ON/OFF, 20W
	KR**772232**	LED driver, 700mA, 1-10V, 20W
	KR**772134**	LED driver, 700mA , DALI, 20W

		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI80+	2700K		2,3W	700mA	72lm
②	LED	CRI80+	2700K	230V	2,3W		72lm
③	LED	CRI80+	2700K	230V	6,9W		226lm

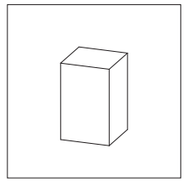
REMARKS
❶ 1 driver (6W) can power up to 2 fittings.

IP65

Installation set



Concrete pouring mould

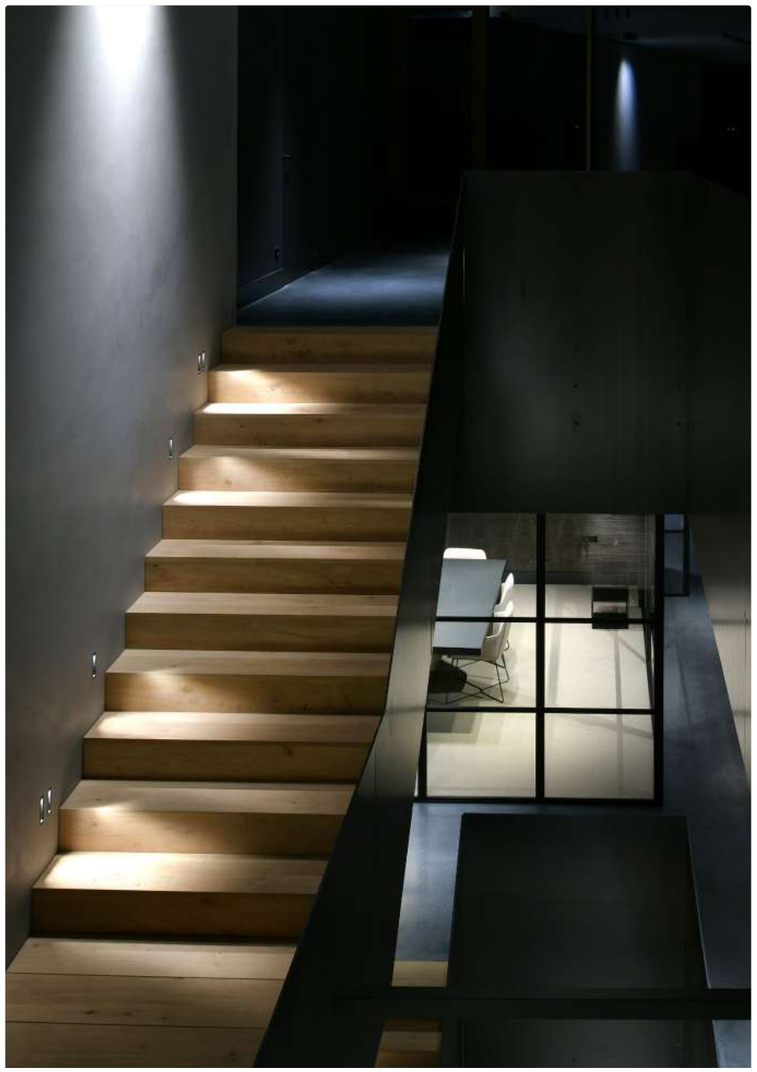


kreon side

The kreon side concept originated from the need to provide ambient and placement lighting from within vertical surfaces.

The faceted reflectors ensure a uniform asymmetrical beam without sharp edges or hotspots. They also provide a wash of light that, when mounted downward, can provide orientation through spaces, or, when mounted upward, produce a ceiling glow that effectively increases ambient levels within an interior.

A soft yet striking light beam and the steep bevel of the finishing louvre draws attention to the straight vertical back surface which can be finished in various materials according to the designer's preference. kreon side, available in widths of 25, 40 and 80 mm can be merged perfectly into the architecture and combined with other kreon luminaires.



side 25x100, black, copper backplate

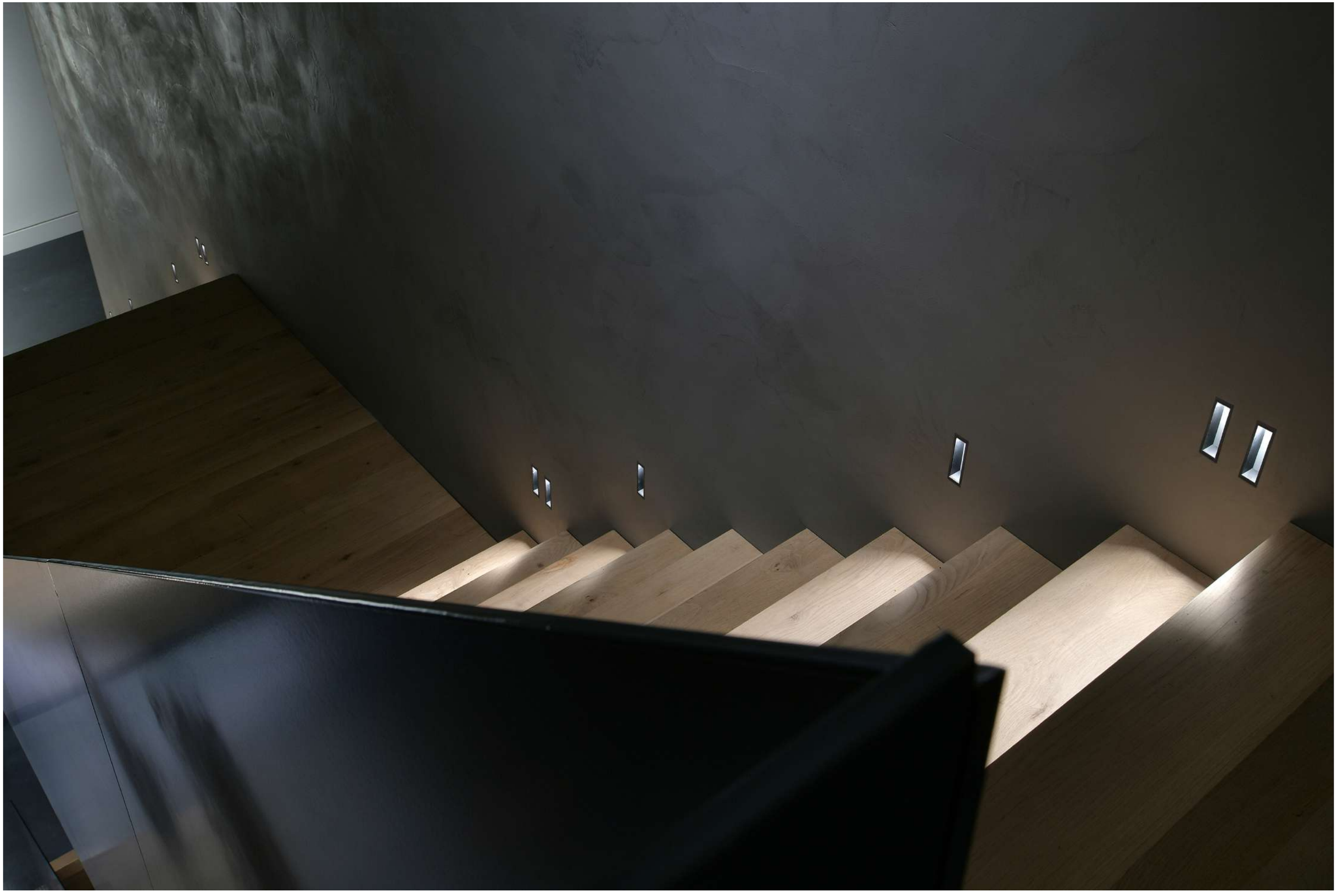
side 40x100, black, grey backplate

side 40x200, white, white backplate

side 80x200, white, bronze backplate

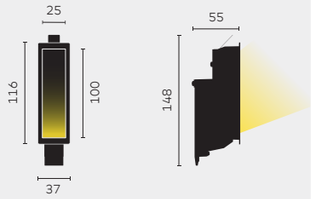
Project Delektro
Location Ede, the Netherlands

Architect Goed Yd
Photographer Serge Brison



kreon side 25

side 25 x 100



		Colour louvre	KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	P1 Painted white backplate	P2 Painted black backplate	A2 Alu black backplate	A3 Alu grey backplate	A4 Alu bronze backplate	A5 Copper backplate	A6 Alu red backplate	Required accessories	Optional accessories
side 25 x 100 LxW 107x33 D 58 **Gear:** excl., IP20		○	KR**932111**	①	●	●	●	●	●	●	●	●	●	■	■
		●	KR**932112**	①	●	●	●	●	●	●	●	●	●	■	■

■ **Optional accessories**

Concrete plate	KR**732113**	Concrete plate for side 25 x 100
Concrete installation box	KR**775124**	Concrete installation box for side 25 x 100
Removal tool	KR**775002**	Removal tool for side 25 ❶
Driver	KR**772820**	LED driver, 500mA, ON/OFF, 11W ❷
	KR**772822**	LED driver, 500mA, 1-10V, 20W
	KR**772823**	LED driver, 500mA, DALI, 10W ❷

	CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
① LED	CRI90+	2700K/3000K	5,5 Vdc	2,75W	500mA	158lm

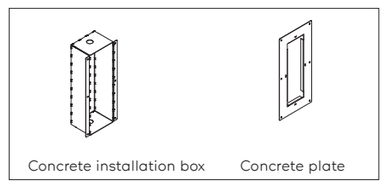
REMARKS
❶ Removal tools serves to remove the luminaire after installation. One tool per project is recommended.
❷ Driver fits in the concrete plate of kreon side 25x100.

Thickness boardmaterial:
9-12,5mm
Cut-out dimensions for hollow wall. For other applications, see installation manual.

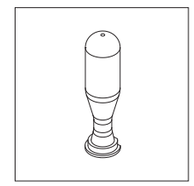
Installation possibilities
Recommended for seamless installation in stone wall: concrete plate

Recommended for seamless installation in concrete wall: concrete plate + installation box

Installation possibilities

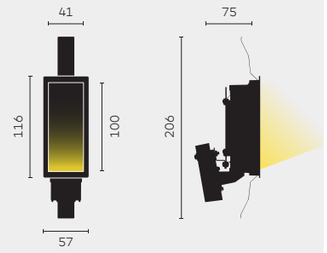


Removal tool

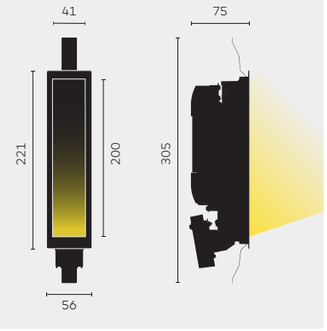


kreon side 40

side 40 x 100



side 40 x 200



	Colour louvre	KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	SW Switchable ON/OFF	DD DALI dimming	P1 Painted white backplate	P2 Painted black backplate	A2 Alu black backplate	A3 Alu grey backplate	A4 Alu bronze backplate	A5 Copper backplate	A6 Alu red backplate	Required accessories	Optional accessories
side 40 x 100 ◔ **LxW** 109x44 **D** 80 ◈ **Gear:** excl., IP55 ❶	○	KR**932311**	①	●	●			●	●	●	●	●	●	●	■	■
	●	KR**932312**	①	●	●			●	●	●	●	●	●	●	■	■
side 40 x 200 ◔ **LxW** 208x44 **D** 80 ◈ **Gear:** excl., IP55 ❶	○	KR**932411**	①	●	●			●	●	●	●	●	●	●	■	■
	●	KR**932412**	①	●	●			●	●	●	●	●	●	●	■	■
side 40 x 200 ◔ **LxW** 208x44 **D** 80 ◈ **Gear:** incl., IP20	○	KR**932511**	②	●	●	●	●	●	●	●	●	●	●	●	■	■
	●	KR**932512**	②	●	●	●	●	●	●	●	●	●	●	●	■	■

■ **Optional accessories**

Concrete plate	KR**732313**	Concrete plate for side 40 x 100
	KR**732413**	Concrete plate for side 40 x 200
Concrete installation box	KR**775324**	Concrete installation box for side 40 x 100
	KR**775424**	Concrete installation box for side 40 x 200
Removal tool	KR**775004**	Removal tool for side 40 ❷
Driver for side 40x100 gear excl.	KR**762700**	LED driver, 700mA, ON/OFF, max. 11W ❸
	KR**772232**	LED driver, 700mA, 1-10V, max. 20W
	KR**752733**	LED driver, 700mA, DALI, max. 10W ❸

		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI90+	2700K/3000K	5,6 Vdc	4W	700mA	247lm
②	LED	CRI90+	2700K/3000K	230V	4W	700mA	247lm

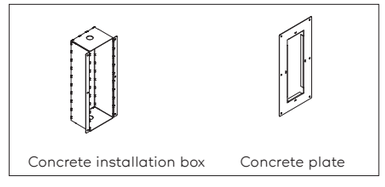
REMARKS
❶ Suitable for damp locations and ventilated outdoor facades. Cannot be used in bathtub or shower areas, or in maritime environments.
❷ Removal tools serves to remove the luminaire after installation. One tool per project is recommended.
❸ Driver fits in the concrete plate of kreon side 40x200.

Thickness boardmaterial: 9-12,5mm
Cut-out dimensions for hollow wall. For other applications, see installation manual.

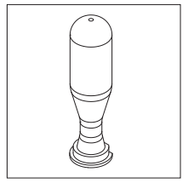
Installation possibilities
Recommended for seamless installation in stone wall: concrete plate

Recommended for seamless installation in concrete wall: concrete plate + installation box

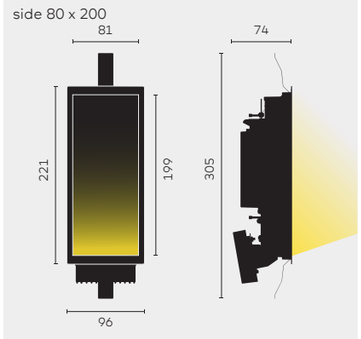
Installation possibilities



Removal tool



kreon side 80



		Colour louvre	KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	SW Switchable ON/OFF	VD 1-10V dimming	DD DALI dimming	P1 Painted white backplate	P2 Painted black backplate	A2 Alu black backplate	A3 Alu grey backplate	A4 Alu bronze backplate	A5 Alu copper backplate	A6 Alu red backplate	Required accessories	Optional accessories
	side 80 x 200 **LxW** 208x84 **D** 80 **Gear:** incl., IP20	○	KR**932611**	①	●	●		●	●	●	●	●	●	●	●	●	■	■
		●	KR**932612**	①	●	●		●	●	●	●	●	●	●	●	●	■	■
	side 80 x 200 **LxW** 208x84 **D** 80 **Gear:** excl., IP55 ❶	○	KR**932601**	②	●	●	●			●	●	●	●	●	●	●	■	■
		●	KR**932602**	②	●	●	●			●	●	●	●	●	●	●	■	■

■ **Optional accessories**

Concrete plate	KR**732613**	Concrete plate for side 80
Concrete installation box	KR**775624**	Concrete installation box for side 80
Removal tool	KR**775008**	Removal tool for side 80 ❷
Driver	KR**772520**	LED driver, 500mA, ON/OFF, 20W
	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W

		CRI	CCT	Voltage	Wattage	Fixture lumen
①	LED	CRI90+	2700K/3000K	230V	8,25W	640lm
②	LED	CRI90+	2700K/3000K	16,5V	8,25W	640lm

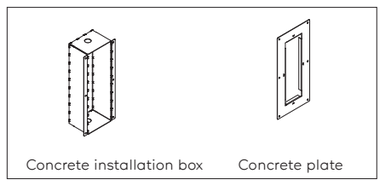
REMARKS
❶ Suitable for damp locations and ventilated outdoor facades. Cannot be used in bathtub or shower areas, or in maritime environments.
❷ Removal tools serves to remove the luminaire after installation. One tool per project is recommended.

Thickness boardmaterial:
9-12,5mm
Cut-out dimensions for hollow wall. For other applications, see installation manual.

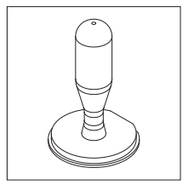
Installation possibilities
Recommended for seamless installation in stone wall:
concrete plate

Recommended for seamless installation in concrete wall:
concrete plate + installation box

Installation possibilities



Removal tool



kreon side in-line

The kreon side in-line concept originated from the need to provide ambient and placement lighting from within vertical surfaces. The faceted reflectors by Bartenbach Lichtlabor which are incorporated into the light ensure a uniform asymmetrical beam without sharp edges or hotspots and provide a wash of light that, when mounted downward, can provide orientation through spaces, or, when mounted upward, produce a ceiling glow that effectively increases ambient levels within an interior.

A soft yet striking light beam and the steep bevel of the finishing louvre draws attention to the straight vertical back surface which can be finished in various materials according to the designer's preference. kreon side in-line, available in widths of 25, 40 and 80 mm can be merged perfectly into the architecture and combined with other kreon luminaires.

side in-line 25x100, white, white backplate

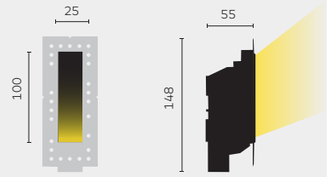
side in-line 40x100, white,
alu bronze backplate

side in-line 40x200, black, alu grey backplate

side in-line 80x200, black, alu red backplate

Project Private residence
Location Rotterdam, the Netherlands
Photographer Serge Brison

side in-line 25 x 100



	Colour louvre	KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	P1 Painted white backplate	P2 Painted black backplate	A2 Alu black backplate	A3 Alu grey backplate	A4 Alu bronze backplate	A5 Copper backplate	A6 Alu red backplate	Required accessories	Optional accessories
side in-line 25 x 100 **LxW** 124x51 **D** 58 **Gear:** excl., IP20	○	KR**932121**	①	●	●	●	●	●	●	●	●	●	■	■
	●	KR**932122**	①	●	●	●	●	●	●	●	●	●	■	■

■ Required accessories

Plasterkit	KR**775120**	Plasterkit for side in-line 25 x 100
	KR**775120-10**	10 pieces plasterkit for side in-line 25 x 100
	KR**775123**	Concrete plate for side in-line 25 x 100
	KR**775124**	Concrete installation box for side in-line 25 x 100

■ Optional accessories

Removal tool	KR**775002**	Removal tool for side in-line 25 ❶
Driver	KR**772820**	LED driver, 500mA, ON/OFF, 11W ❷
	KR**772822**	LED driver, 500mA, 1-10V, 20W
	KR**772823**	LED driver, 500mA, DALI, 10W ❷

	CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
① LED	CRI90+	2700K/3000K	5,5 Vdc	2,75W	500mA	158lm

REMARKS
❶ Removal tools serve to remove the luminaire after installation. One tool per project is recommended.
❷ Driver fits in the plasterkit of kreon side in-line 25x100.
❸ At least 3 fixtures per driver.

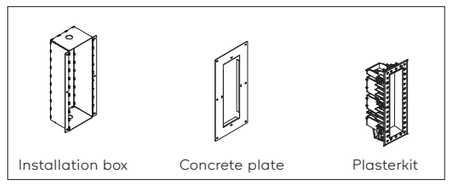
Thickness boardmaterial: 9-12,5mm
Cut-out dimensions for hollow wall. For other applications, see installation manual.

Installation possibilities
Required for installation in hollow wall: plasterkit

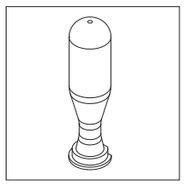
Required for installation in stone wall: plasterkit and concrete plate

Required for installation in concrete wall: plasterkit, concrete plate and installation box

Installation possibilities

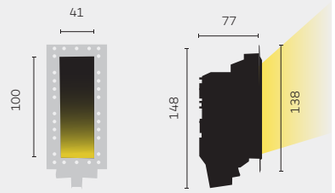


Removal tool

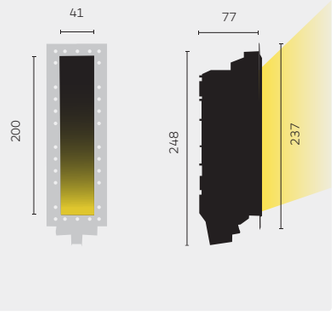


kreon side in-line 40

side in-line 40 x 100



side in-line 40 x 200



	Colour louvre	KR-code	Light sources	9027 2700K, CRI90+	9030 3000K, CRI90+	P1 Painted white backplate	P2 Painted black backplate	A2 Alu black backplate	A3 Alu grey backplate	A4 Alu bronze backplate	A5 Copper backplate	A6 Alu red backplate	SW Switchable ON/OFF	DD DALI dimming	Required accessories	Optional accessories
side in-line 40 x 100 LxW 120x65 D 80 **Gear:** excl., IP55 ❶	○	KR**932321**	①	●	●	●	●	●	●	●	●	●			■	■
	●	KR**932322**	①	●	●	●	●	●	●	●	●	●			■	■
side in-line 40 x 200 LxW 220x65 D 80 **Gear:** incl., IP20	○	KR**932331**	②	●	●	●	●	●	●	●	●	●	●	●	■	■
	●	KR**932332**	②	●	●	●	●	●	●	●	●	●	●	●	■	■
side in-line 40 x 200 LxW 220x65 D 80 **Gear:** excl., IP55 ❶	○	KR**932421**	①	●	●	●	●	●	●	●	●	●			■	■
	●	KR**932422**	①	●	●	●	●	●	●	●	●	●			■	■

■ **Required accessories**

Plasterkit	KR**775320**	Plasterkit for side in-line 40 x 100
	KR**775320-10**	10 pieces plasterkit for side in-line 40 x 100
	KR**775420**	Plasterkit for side in-line 40 x 200
	KR**775420-10**	10 pieces plasterkit for side in-line 40 x 200
	KR**775420-30**	30 pieces plasterkit for side in-line 40 x 200
	KR**775323**	Concrete plasterkit for side in-line 40 x 100
	KR**775423**	Concrete plasterkit for side in-line 40 x 200
	KR**775324**	Concrete installation box for side in-line 40 x 100
	KR**775424**	Concrete installation box for side in-line 40 x 200

■ **Optional accessories**

Removal tool	KR**775004**	Removal tool for side in-line 40 ❷
Driver	KR**762700**	LED driver, 700mA, ON/OFF, max. 11W ❸
	KR**772232**	LED driver, 700mA, 1-10V, max. 20W
	KR**752733**	LED driver, 700mA, DALI, max. 10W ❸

	CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
① LED	CRI90+	2700K/3000K	5,6 Vdc	4W	700mA	247lm
② LED	CRI90+	2700K/3000K	230V	4W	700mA	247lm

REMARKS
❶ Suitable for damp locations and ventilated outdoor facades. Cannot be used in bathtub or shower areas.
❷ Removal tools serve to remove the luminaire after installation. One tool per project is recommended.
❸ Driver fits in the plasterkit of kreon side in-line 40x200.

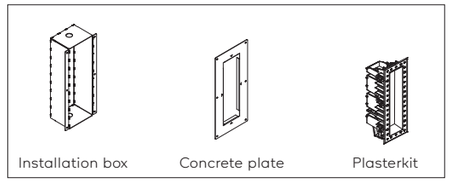
Thickness boardmaterial: 9-12,5mm
Cut-out dimensions for hollow wall. For other applications, see installation manual.

Installation possibilities
Required for installation in hollow wall: plasterkit

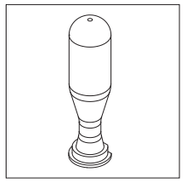
Required for installation in stone wall: plasterkit and concrete plate

Required for installation in concrete wall: plasterkit, concrete plate and installation box

Installation possibilities

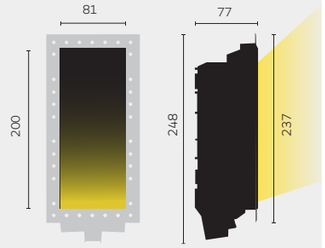


Removal tool



kreon side in-line 80

side in-line 80 x 200



	Colour louvre	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**EX** Gear excluded ❸	**SW** Switchable ON/OFF ❷	**VD** 1-10V dimming ❷	**DD** DALI dimming ❷	**P1** Painted white backplate	**P2** Painted black backplate	**A2** Alu black backplate	**A3** Alu grey backplate	**A4** Alu bronze backplate	**A5** Alu copper backplate	**A6** Alu red backplate	Required accessories	Optional accessories
side in-line 80 x 200 **LxW** 220x105 **D** 80 **Gear:** incl., IP20	○	KR**932621**	①	●	●		●	●	●	●	●	●	●	●	●	●	■	■
	●	KR**932622**	①	●	●		●	●	●	●	●	●	●	●	●	●	■	■
side in-line 80 x 200 **LxW** 220x105 **D** 80 **Gear:** excl., IP55 ❶	○	KR**932631**	①	●	●	●	●			●	●	●	●	●	●	●	■	■
	●	KR**932632**	①	●	●	●	●			●	●	●	●	●	●	●	■	■

■ Required accessories

Plasterkit	KR**775620**	Plasterkit for side in-line 80
	KR**775620-10**	10 pieces plasterkit for side in-line 80
	KR**775620-20**	20 pieces plasterkit for side in-line 80
	KR**775623**	Concrete plasterkit for side in-line 80
	KR**775624**	Concrete installation box for side in-line 80

■ Optional accessories

Removal tool ❸	KR**775008**	Removal tool for side in-line 80
Driver	KR**772220**	LED driver, 500mA, 1-10V, 20W
	KR**772126**	LED driver, 500mA, DALI, 18W

		CRI	Temp. colore	Tensione	Watt	Lumen netto
①	LED	CRI90+	2700K/3000K	230V	8,25W	640lm
②	LED	CRI90+	2700K/3000K	16,5V	8,25W	640lm

REMARKS
❶ Suitable for damp locations and ventilated outdoor facades. Cannot be used in bathtub and shower areas.
❷ Internal driver
IP20 + SW: 20W, 500mA
IP55 + SW: 30W, 500mA
❸ Removal tools serve to remove the luminaire after installation. One tool per project is recommended.

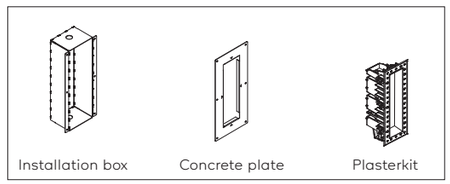
Thickness boardmaterial:
9-12,5mm
Cut-out dimensions for hollow wall. For other applications, see installation manual.

Installation possibilities
Required for installation in hollow wall: plasterkit

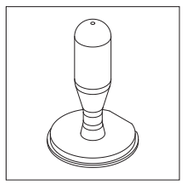
Required for installation in stone wall: plasterkit and concrete plate

Required for installation in concrete wall: plasterkit, concrete plate and installation box

Installation possibilities



Removal tool



kreon stripe

kreon stripe 25 is a semi-recessed ceiling luminaire characterised by a compact volume hosting a single or double deepset downlight or a single wallwasher.

kreon stripe 25 combines small rythmic pools of accent lighting with homogeneous wall washing light effects.

The semi-recessed wallwasher can also be applied in wall to use the luminaire as a ceiling or floor washer for corridor applications.

High efficient optics provide efficient, glare free light and even light distribution. Finished in black for a dramatic contrast or pure white to disappear in the surrounding architecture.

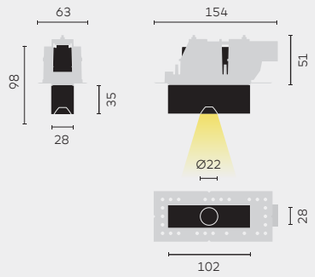
stripe 25 single, white

stripe 25 double, black

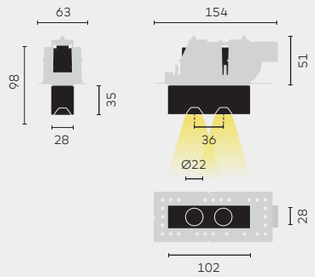
stripe 25 wallwasher, black

kreon stripe 25

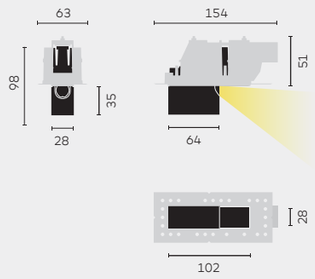
stripe 25 single



stripe 25 double



stripe 25 wallwasher



	Colour	KR-code	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**SP** spot (20°)	**DL** dark light (36°)	**WDL** wide dark light (60°)	Required accessories	Optional accessories
stripe 25 single **Gear:** excl., IP20	○	KR**939001**	①	●	●	●			■	■
	●	KR**939002**	①	●	●	●			■	■
stripe 25 single **Gear:** excl., IP20	○	KR**939101**	②	●	●		●	●	■	■
	●	KR**939102**	②	●	●		●	●	■	■
stripe 25 double **Gear:** excl., IP20	○	KR**939201**	③	●	●	●			■	■
	●	KR**939202**	③	●	●	●			■	■
stripe 25 double **Gear:** excl., IP20	○	KR**939301**	④	●	●		●	●	■	■
	●	KR**939302**	④	●	●		●	●	■	■
stripe 25 wallwasher **Gear:** excl., IP20	○	KR**939401**	⑤	●	●				■	■
	●	KR**939402**	⑤	●	●				■	■

■ **Required accessories**

Plasterkit	KR**739000**	Plasterkit ◔ **LxW** 124x51 **D** 65
Concrete installaton box	KR**775124**	Concrete installation box
Concrete plate	KR**775123**	Concrete plate

■ **Optional accessories**

Driver for light sources ① ③ ⑤	KR**762700**	LED driver, 700mA, 11W, ON/OFF
	KR**772232**	LED driver, 700mA, 20W, 1-10V ❶
	KR**752733**	LED driver, 700mA, 10W, DALI
Driver for light sources ② ④	KR**739104**	LED driver, 350mA, 15W, ON/OFF
	KR**747162**	LED driver, 350mA, 18W, 1-10V ❶
	KR**739106**	LED driver, 350mA, 10W, DALI

		CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
①	LED	CRI90+	2700K/3000K	2,8V	2W	700mA	172lm
②	LED	CRI90+	2700K/3000K	2,8V	4,2W	350mA	255lm
③	LED	CRI90+	2700K/3000K	5,6V	4W	700mA	335lm
④	LED	CRI90+	2700K/3000K	5,6V	8,3W	350mA	455lm
⑤	LED	CRI90+	2700K/3000K	5,6V	4W	700mA	276lm

REMARKS
❶ Driver does not fit through plasterkit and must be placed on remote.

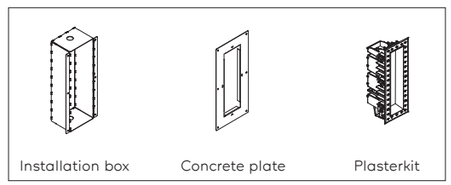
Thickness boardmaterial for hollow wall/ceiling: 9-12,5mm
Gear excluded
IP20

Installation possibilities
Required for installation in hollow wall: plasterkit

Required for installation in stone wall: concrete plate and plasterkit

Required for installation in concrete wall: installation box, concrete plate and plasterkit

Installation possibilities



kreon tubo

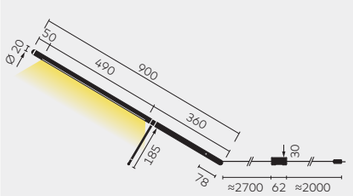
kreon tubo impresses with its simple elegance and ingenuity. Although the lamp does not have any joints at all, it can be easily adjusted in height. The retaining bracket simply has to be adjusted. Moreover, the direction in which light is cast is changed by turning the rod on its own axis. Light is emitted along 2/3 of the entire length of the rod. The satin-finish diffusor ensures excellent glare suppression and soft, virtually shadow-free LED lighting. kreon tubo can also be dimmed by means of an integrated button, making the lamp even more flexible.

tubo, black

Project Alternative
Location Genève, Switzerland

Photographer Serge Brison

tubo table light



tubo table light

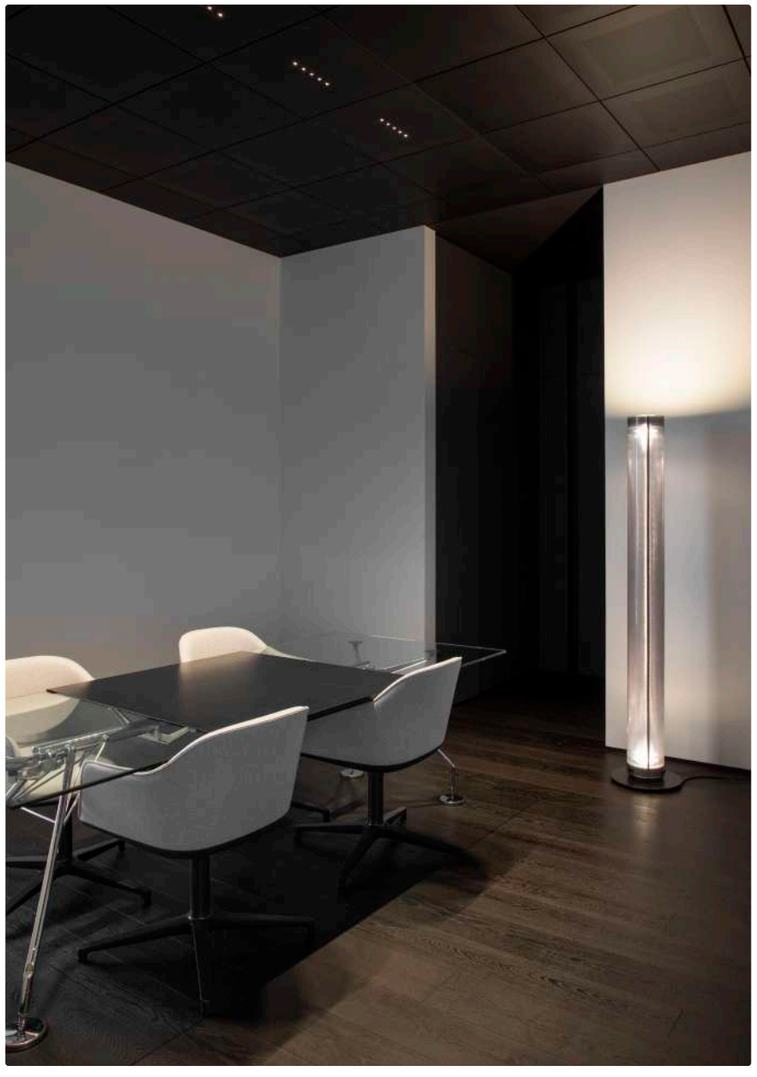
		Colour	Light sources	KR-code	**8027** 2700K, CRI80	Dimmable, on lamp
	tubo table light	●	①	KR**944122**	●	●

	CRI	CCT	Wattage	Fixture lumen
① LED	CRI>80	2700K	12W	1150lm

REMARKS
Features a cable-integrated converter
IP 20

kreon twilight 360

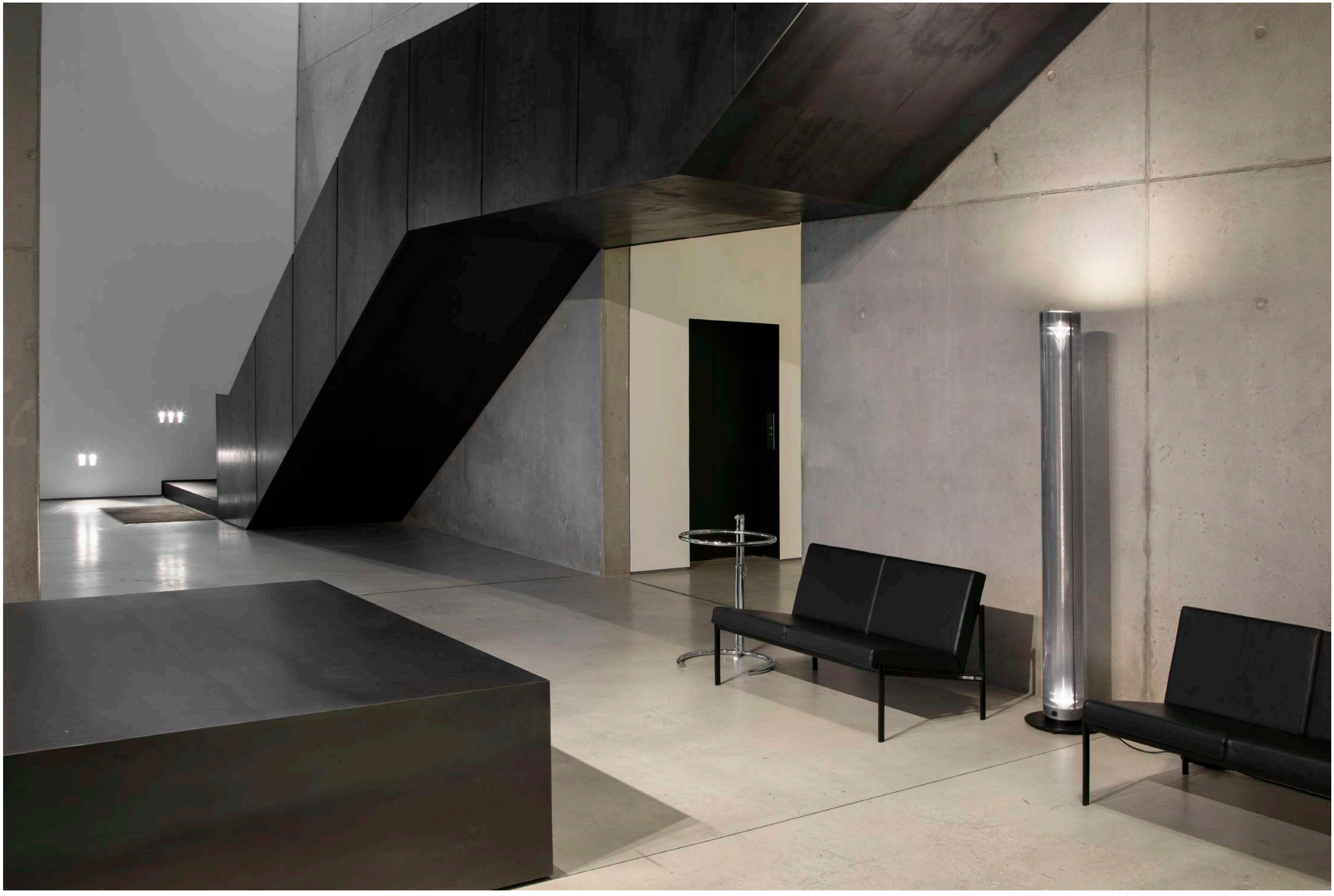
kreon twilight 360 sophisticatedly combines brilliant room and mood lighting for applications in architectural spaces. The inner workings of the light fixture feature LED light sources at the top and the bottom, which emit light towards each other and hence produce the kreon twilight's characteristic effect. Both light sources can be dimmed independently, enabling endless lighting moods. kreon twilight 360 is available in a matt black finish.



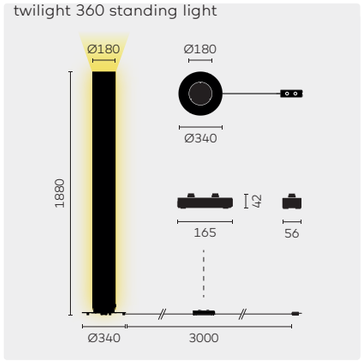
twilight 360, black

Project kreon headquarters
Location Oudsbergen, Belgium

Architect kreon / Conix RBDM Architects
Photographer kreon



kreon twilight 360



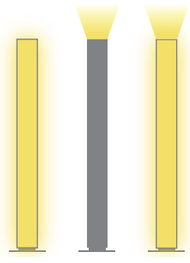
	Colour	KR-code	Light sources	**8027** 2700K, CRI80	**TD** Dimmable, cable integrated	**DD** Dimmable DALI, on site ❷
twilight 360 standing light	●	KR944432	①	●	●	●

	CRI	CCT	Wattage	Fixture lumen
① LED	CRI>80	2700K	65W	7120lm

REMARKS
The direct and indirect light can be switched and dimmed seperately. The LED converter is integrated in the luminaire, the DALI version features two addresses, one for direct light and one for indirect light (DALI device (type 6)

The base is supplied with a europlug. Other plugs available on request.

IP 20

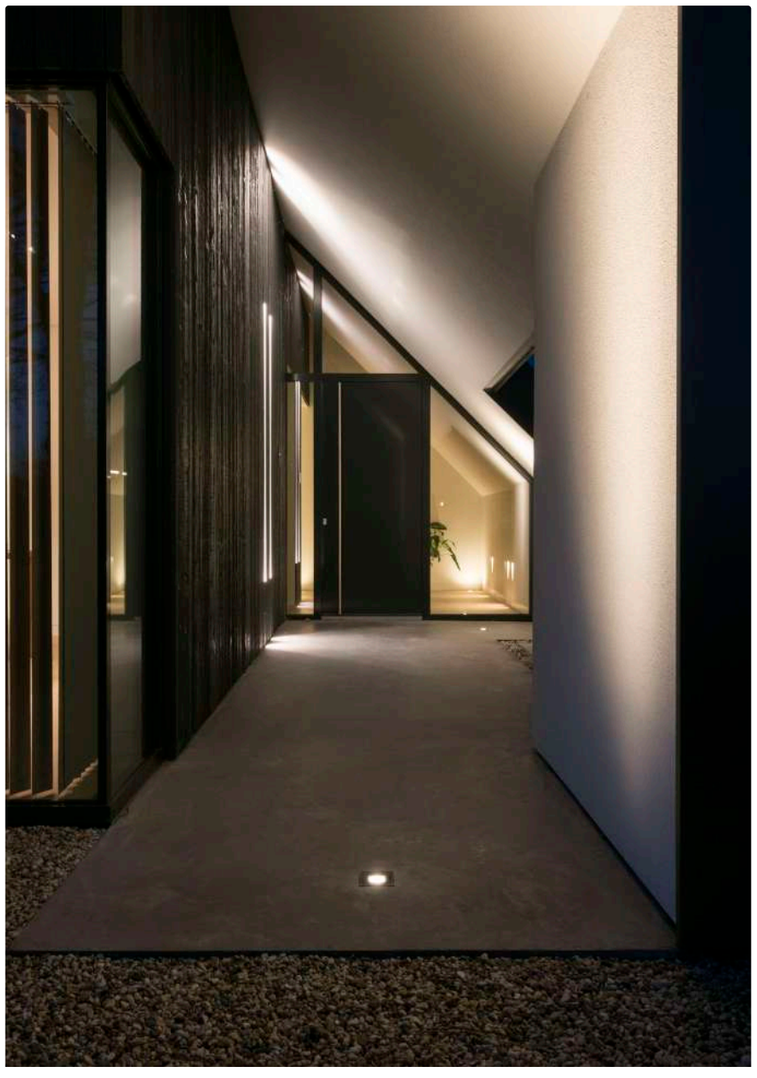


kreon up

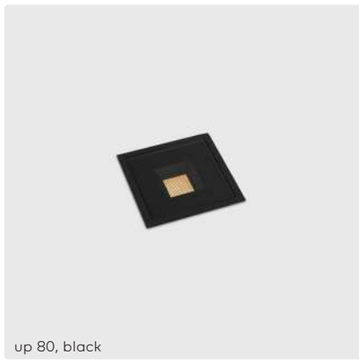
kreon up is a range of IP67 rated luminaires characterised by its minimal appearance and optical functionality. The range is offered in three sizes in square, circular or linear forms, is finished with black or white backed toughened glass with a satin stainless steel trim. LED modules are deep-set within the luminaires and are controlled by a choice of anti-glare louvres for precise uplighting; brightness limiting diffuser for ambient or orientation lighting; wallwash optic for vertical luminance or wall grazing optic for highlighting and bringing out the wall structure. kreon up 40 is also available as a surface mounted fixed downlight or linear wall grazer.

Project Private residence
Location the Netherlands

Architect Maas architecten
Photographer Arne Jennard



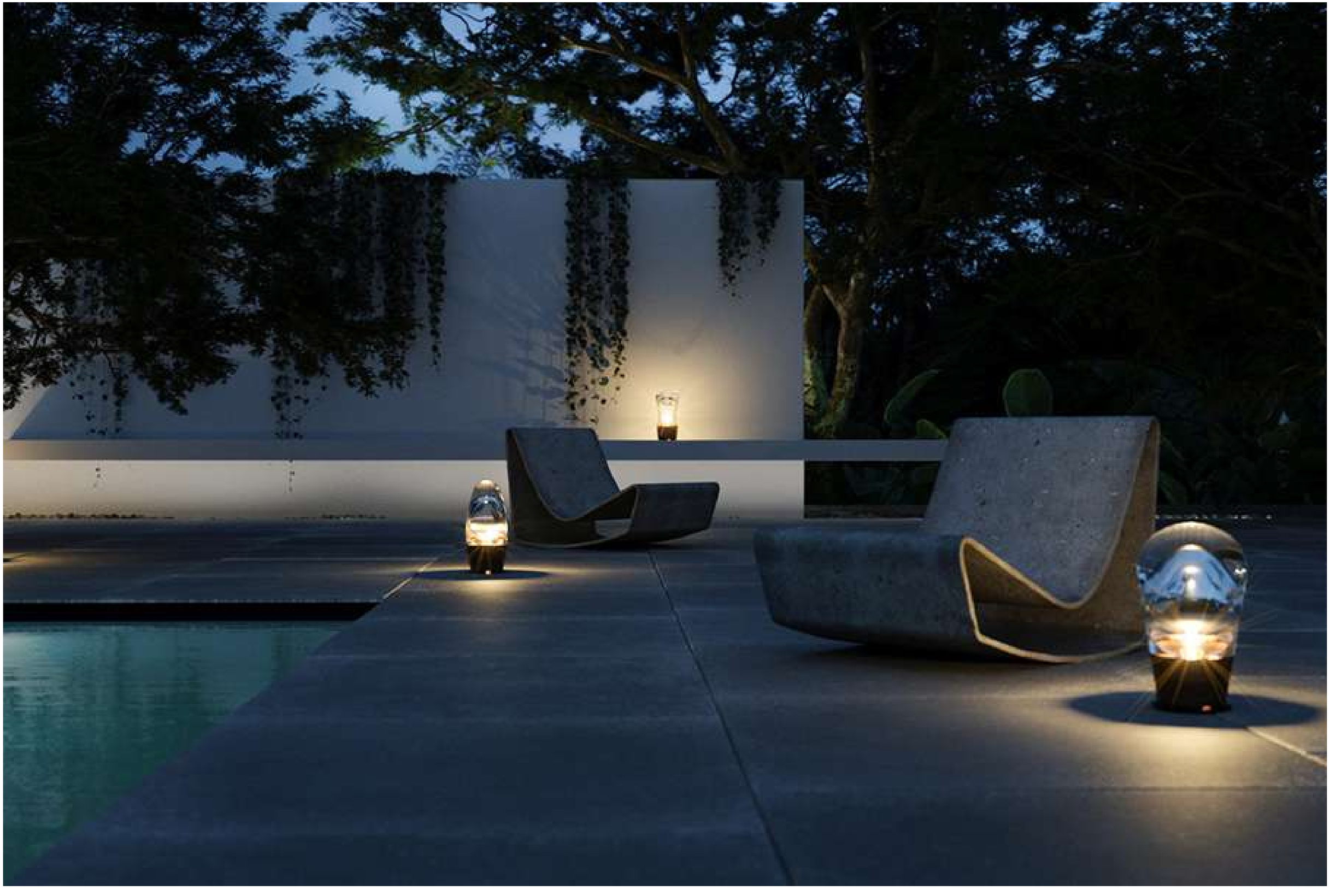
up 40 circular, black, with baffle



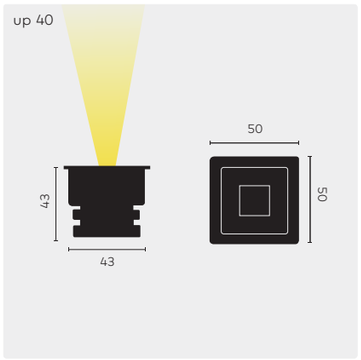
up 80, black

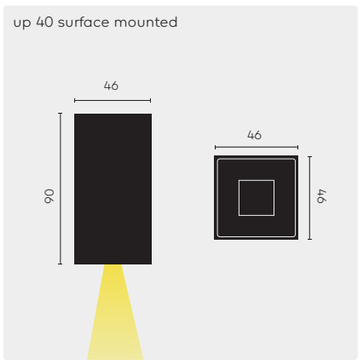
up 165 circular, white

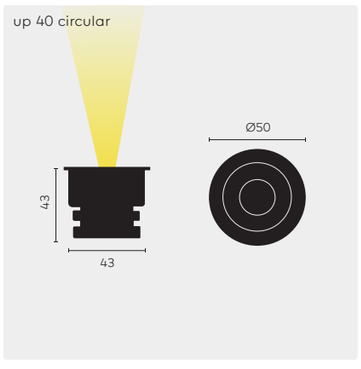
Project Private residence **Location** Singapore

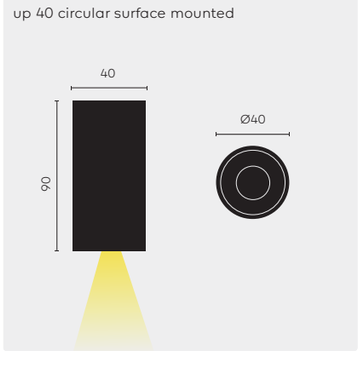


kreon up 40









	Colour	KR-code	Light sources	**9027** 2700K, CRI90	**9030** 2700K, CRI90	**SP** Spot	**FL** Flood	**SB** Spot with baffle	**FB** Flood with baffle	**XC** (optional) For recessed wall or ceiling installation	Optional accessories
up 40 LxW 45x45 D 60 ❶	○	KR**952111**	①	●	●	●	●	●	●	●	■
	●	KR**952112**	①	●	●	●	●	●	●	●	■
up 40 surface mounted	○	KR**952011**	①	●	●	●	●	●	●		■
	●	KR**952012**	①	●	●	●	●	●	●		■
up 40 circular Ø 45 D 60	○	KR**952611**	①	●	●	●	●	●	●	●	■
	●	KR**952612**	①	●	●	●	●	●	●	●	■
up 40 circular surface mounted	○	KR**952911**	①	●	●	●	●	●	●		■
	●	KR**952912**	①	●	●	●	●	●	●		■

■ **Optional accessories**

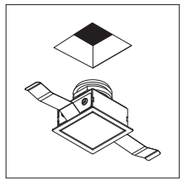
Driver ❷	KR**772630**	LED driver, 700mA, ON/OFF, 30W (IP68)
	KR**772752**	LED driver, 700mA, 1-10V, 12W (IP67) ❸
	KR**772853**	LED driver, 700mA, DALI, 30W (IP68)

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI90+	2700K/3000K	2W	700mA	159lm

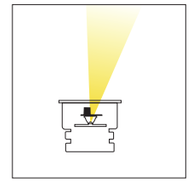
REMARKS
❶ Build-in dimensions of fixture with XC-option: LxW = 45x47
❷ Must be placed on remote.
❸ Driver can be used for at least 4 fixtures.

Thickness boardmaterial:
9-18mm
Gear excluded.
◈ IP67 - IK06

XC

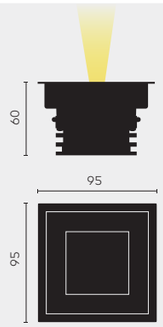


Baffle option

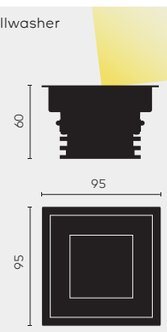


kreon up 80

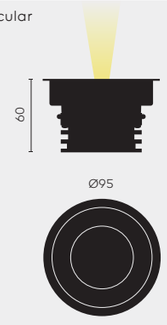
up 80



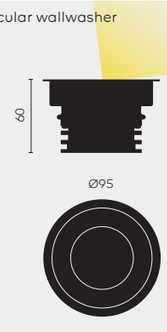
up 80 wallwasher



up 80 circular



up 80 circular wallwasher



	Colour	KR-code	Light sources	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**SP** spot (21°)	**FL** flood (29°)	**WFL** wide flood (38°)	**DF** diffused (38°)	**WW** wallwasher	**XC** (optional) For recessed wall or ceiling installation	Optional accessories
up 80 LxW 86x86 **D** 84	○	KR**952131**	①	●	●	●	●	●	●	●	●	■
	●	KR**952132**	①	●	●	●	●	●	●	●	●	■
up 80 circular Ø 86 **D** 84	○	KR**952631**	①	●	●	●	●	●	●	●	●	■
	●	KR**952632**	①	●	●	●	●	●	●	●	●	■

■ **Optional accessories**

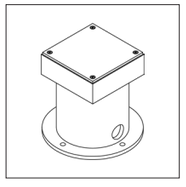
Matchbox	KR**752303**	Matchbox up 80
	KR**752803**	Matchbox up 80 circular
Driver ❶	KR**772830**	LED driver, 700 mA, ON/OFF, 35W (IP68)
	KR**772752**	LED driver, 700 mA, 1-10V, 12W (IP67)
	KR**772753**	LED driver, 700 mA, DALI, 35W (IP68)
Removal tool	KR**752110**	suction cup

		CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	SP	CRI90+	2700K/3000K	8,4W	700mA	346lm
	FL	CRI90+	2700K/3000K	8,4W	700mA	341lm
	WFL	CRI90+	2700K/3000K	8,4W	700mA	293lm
	DF	CRI90+	2700K/3000K	8,4W	700mA	111lm
	WW	CRI90+	2700K/3000K	8,4W	700mA	263lm

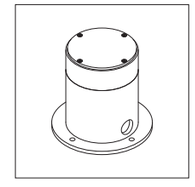
REMARKS
❶ Must be placed on remote.

Thickness boardmaterial:
6-35mm
Gear excluded.
◈ IP67 - IK09

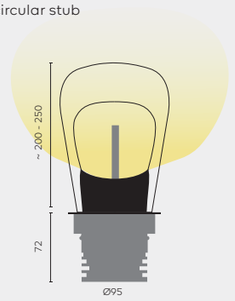
Matchbox up 80



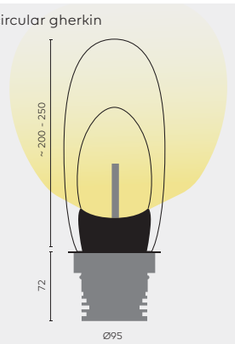
Matchbox up 80 circular



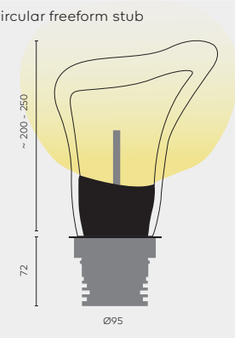
up 80 circular stub



up 80 circular gherkin



up 80 circular freeform stub



		Colour	KR-code	Light sources	Optional accessories
	up 80 circular stub ◔ Ø 86 **D** 84	●	KR**952702**	①	■
	up 80 circular gherkin ◔ Ø 86 **D** 84	●	KR**952712**	①	■
	up 80 circular freeform stub ◔ Ø 86 **D** 84	●	KR**952722**	①	■

■ **Optional accessories**

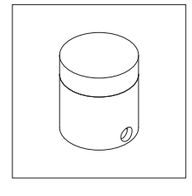
Matchbox	KR**752603**	Matchbox up 80 circular
Driver ❶	KR**772830**	LED driver, 700 mA, ON/OFF, 12W (IP67)
	KR**772752**	LED driver, 700 mA, 1-10V, 35W (IP68)
	KR**772753**	LED driver, 700 mA, DALI, 35W (IP68)

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI80+	2700K	8,4W	700mA	152lm

REMARKS
❶ Must be placed on remote.

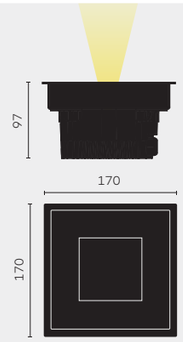
The stated dimensions are only to be used as a reference. Actual dimensions may vary. Each unit is unique due to the artisanal production technique.
Gear excluded.
◈ IP67

Matchbox up 80 circular

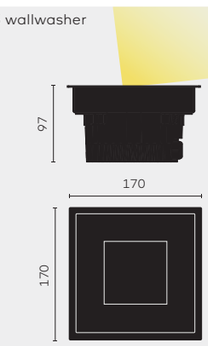


kreon up 165

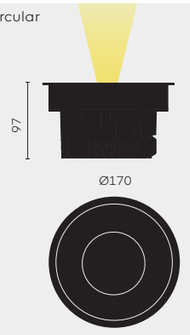
up 165



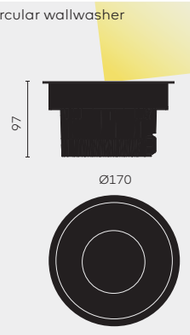
up 165 wallwasher

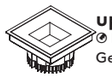
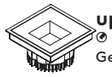


up 165 circular



up 165 circular wallwasher



		Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	C5 Maritime ❶	Optional accessories
	**up 165** **LxW** 156x156 **D** 97 **Gear:** excl., anti-glare louvre incl.	○	KR**982121**	①	●	●	●	●	●	■
		●	KR**982122**	①	●	●	●	●	●	■
	**up 165 wallwasher** **LxW** 156x156 **D** 97 **Gear:** excl.	○	KR**982181**	②	●	●	●	●	●	■
		●	KR**982182**	②	●	●	●	●	●	■
	up 165 circular **Ø**156 **D** 97 **Gear:** excl., anti-glare louvre incl.	○	KR**982621**	①	●	●	●	●	●	■
		●	KR**982622**	①	●	●	●	●	●	■
	up 165 circular wallwasher **Ø**156 **D** 97 **Gear:** excl.	○	KR**982681**	②	●	●	●	●	●	■
		●	KR**982682**	②	●	●	●	●	●	■

■ **Optional accessories**

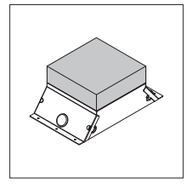
Matchbox	KR**782104**	Matchbox for gear for up 165 (for fixtures gear excl.)
	KR**782604**	Matchbox for gear for up 165 circular (for fixtures gear excl.)
Coupling sleeve	KR**782105**	Coupling sleeve
Driver	KR**772630**	LED driver, 700 mA, ON/OFF, 30W (IP68)
	KR**772852**	LED driver, 700 mA, 1-10V, 30W (IP67)
	KR**772853**	LED driver, 700 mA, DALI, 30W (IP68)

	CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	CRI83	2700K	15,2W	700mA	824lm
	CRI90	2700K	17,1W	700mA	824lm
② LED	CRI83	2700K	15,2W	700mA	1099lm
	CRI90	2700K	17,1W	700mA	1099lm

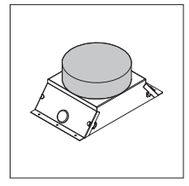
REMARKS
❶ Suitable for coastal regions, pools and saunas. In these cases bathroom rules need to be applied.

Thickness boardmaterial:
6-35mm
IP67 - IK10

Matchbox up 165



Matchbox up 165 circular



kreon up in-line

kreon up in-line is a range of floor recessed uplighters characterised by its minimal appearance and optical functionality. The range, offered in two sizes in both square and circular forms, is finished with black or white backed toughened glass. LED modules are deep-set within the luminaires and are controlled by a choice of anti-glare louvres for precise uplighting, brightness limiting diffusers for ambient or orientation lighting and wallwash optics for vertical luminance.

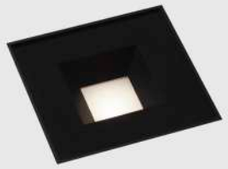
kreon up in-line benefits from a stainless steel trim that provides a seamless juncture to minimise integration. The units are sealed to IP67 and have a aluminium and plastic housing to provide protection from the harshest environments. The maritime versions are specially pre-treated for maximum protection against corrosion in salty environments.

Project CMT
Location Diepenbeek, Belgium

Architect Pas Interieur
Photographer Serge Brison

up in-line 80 wallwasher, black

up in-line 80 circular, black



up in-line 165, black

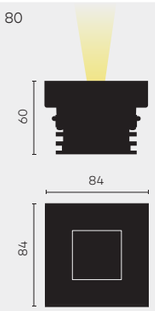
up in-line 165 circular, white

Project Private Residence
Location the Netherlands

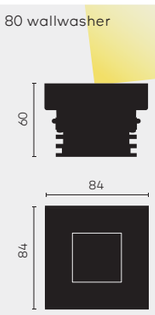
Architect CS2 Architecten
Photographer Serge Brison

kreon up in-line 80

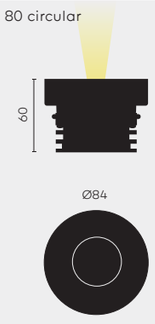
up in-line 80



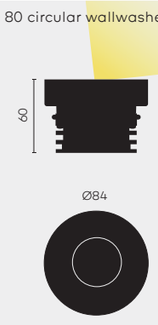
up in-line 80 wallwasher



up in-line 80 circular



up in-line 80 circular wallwasher



	Colour	KR-code	Light sources	**9027** 2700K, CRI90	**9030** 3000K, CRI90	**SP** spot (21°)	**FL** flood (29°)	**WFL** wide flood (38°)	**DF** diffused (38°)	**WW** wallwasher	Optional accessories
up in-line 80 LxW 85x85 D 84	○	KR**952331**	①	●	●	●	●	●	●	●	■
	●	KR**952332**	①	●	●	●	●	●	●	●	■
up in-line 80 circular Ø 856 D 84	○	KR**952831**	①	●	●	●	●	●	●	●	■
	●	KR**952832**	①	●	●	●	●	●	●	●	■

■ **Optional accessories**

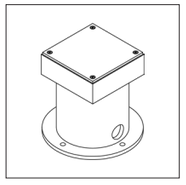
Matchbox	KR**752303**	Matchbox for up in-line 80
	KR**752803**	Matchbox for up in-line 80 circular
Driver ❶	KR**772830**	LED driver, 700 mA, ON/OFF, 35W (IP68)
	KR**772752**	LED driver, 700 mA, 1-10V, 12W (IP67)
	KR**772753**	LED driver, 700 mA, DALI, 35W (IP68)
Removal tool	KR**752110**	suction cup

		CRI	CCT	Wattage	Drive current	Fixture lumen
① LED	SP	CRI90+	2700K/3000K	8,4W	700mA	346lm
	FL	CRI90+	2700K/3000K	8,4W	700mA	341lm
	WFL	CRI90+	2700K/3000K	8,4W	700mA	293lm
	DF	CRI90+	2700K/3000K	8,4W	700mA	111lm
	WW	CRI90+	2700K/3000K	4W	700mA	263lm

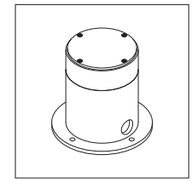
REMARKS
❶ Must be placed on remote

Thickness boardmaterial:
6-35mm
Gear excluded.
◈ IP67 - IK09

Matchbox up in-line 80

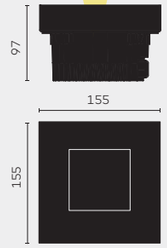


Matchbox up in-line 80 circular

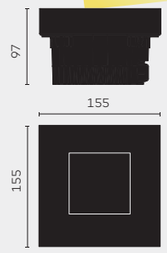


kreon up in-line 165

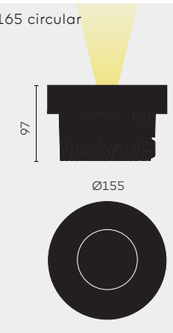
up in-line 165



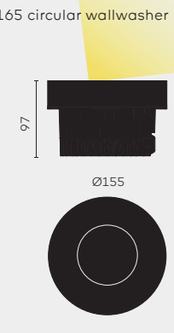
up in-line 165 wallwasher



up in-line 165 circular



up in-line 165 circular wallwasher



	Colour	KR-code	Light sources	8327 2700K, CRI83	8330 3000K, CRI83	9027 2700K, CRI90	9030 3000K, CRI90	9827 2700K, CRI98	9830 3000K, CRI98	C5 Maritime	Optional accessories
up in-line 165 LxW 156x156 D 97 **Gear:** excl., anti-glare louvre incl.	○	KR**982321**	①	●	●	●	●	●	●	●	■
	●	KR**982322**	①	●	●	●	●	●	●	●	■
up in-line 165 wallwasher LxW 156x156 D 97 **Gear:** excl.	○	KR**982381**	②	●	●	●	●	●	●	●	■
	●	KR**982382**	②	●	●	●	●	●	●	●	■
up in-line 165 circular Ø155 D 97 **Gear:** excl., anti-glare louvre incl.	○	KR**982821**	①	●	●	●	●	●	●	●	■
	●	KR**982822**	①	●	●	●	●	●	●	●	■
up in-line 165 circular wallwasher Ø155 D 97 **Gear:** excl.	○	KR**982881**	②	●	●	●	●	●	●	●	■
	●	KR**982882**	②	●	●	●	●	●	●	●	■

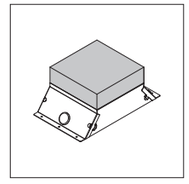
■ **Optional accessories**

Matchbox	KR**782104**	Matchbox for gear for up in-line 165 (for fixtures gear excl.)
	KR**782604**	Matchbox for gear for up in-line 165 circular (for fixtures gear excl.)
Coupling sleeve	KR**782105**	Coupling sleeve
Driver	KR**772630**	LED driver, 700mA, ON/OFF, 30W (IP68)
	KR**772852**	LED driver, 700mA, 1-10V, 30W (IP67)
	KR**772853**	LED driver, 700mA, DALI, 30W (IP68)

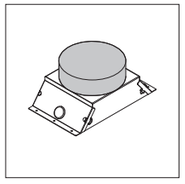
	CRI	Temp. di colore	Watt	Alimentazione	Lumen appar.
① LED	CRI83	2700K/3000K	15,2W	700mA	824lm
	CRI90	2700K/3000K	17,1W	700mA	824lm
	CRI98	2700K/3000K	12,9W	700mA	TBD
② LED	CRI83	2700K/3000K	15,2W	700mA	1099lm
	CRI90	2700K/3000K	17,1W	700mA	1099lm
	CRI98	2700K/3000K	12,9W	700mA	TBD

REMARKS
Thickness boardmaterial:
6-35mm
IP67 - IK10

Matchbox up in-line 165



Matchbox up in-line 165 circular



kreon updown

Its ingenious design enables the reflectors of kreon updown to be easily adjusted by hand. Thus, with a continuous transition from indirect to direct lighting, various lighting scenarios can be created. Anything from lighting for working purposes right through to diffused general lighting is possible. kreon updown provides pleasant and energy-efficient light.

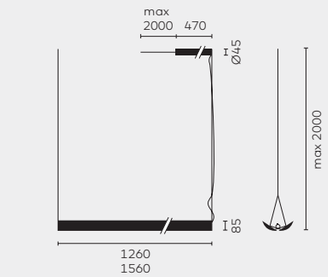
Photographer Felix Wey

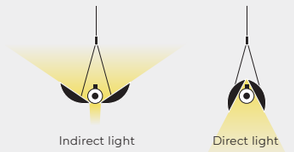
updown

Project Güthert Optik AG
Location Switzerland

Photographer Felix Wey

updown pendant light (1260/1560)





		Light sources	Colour	KR-code	**8027** 2700K, CRI80	**8030** 3000K, CRI80	**DD** Dimmable DALI
	updown pendant light 30 **Length:** 1260mm	①	●	KR**944402**	●	●	●
	updown pendant light 32 **Length:** 1560mm	②	●	KR**944502**	●	●	●

	CRI	CCT	Wattage	Fixture lumen
① LED	CRI>80	2700/3000K	34W	3600lm
② LED	CRI>80	2700/3000K	42W	5300lm

REMARKS
Dimmable (DD) via DALI protocol or Push, additional control wires required, the convertor is integrated into the luminaire, suspension length max. 5m, 10m on request.
The ballast can be mounted either on the ceiling, on the wall or fastened to the wire cable
IP 20

kreon wabi

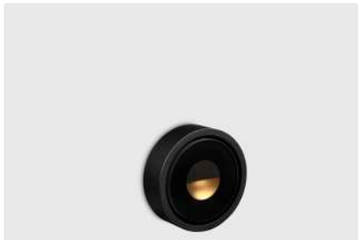
kreon wabi is an IP65 external spotlight. This compact luminaire is available with an LED light source, a 30° beam angle and a colour temperature of either 2700K or 3000K. kreon wabi comes as a single based or bollard mounted spotlight or as a fixed wall light.

The spotlight luminaire head can be rotated 360° and tilted up to 90°. The inclination of the luminaire is lockable and can easily be set by using the marks indicated on the fixture. The fixed wall luminarie has a asymetrical beam suitable for guiding ilumination.

Project Private residence
Location the Netherlands

Architect CS2 Architecten
Photographer Serge Brison

wabi, glare preventor



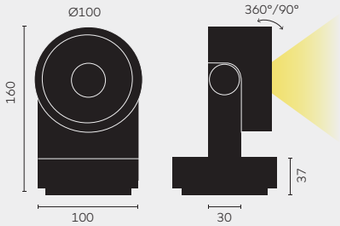
wabi wall

wabi bollard

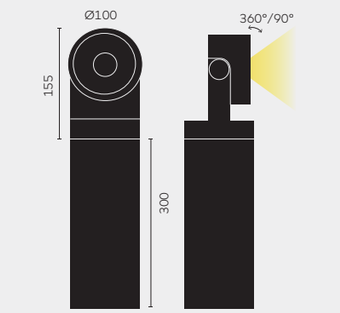
Project De Slagmolen
Location Oudsbergen, Belgium

Photographer kreon

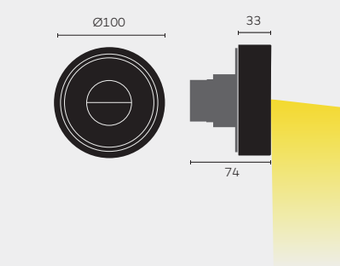
wabi



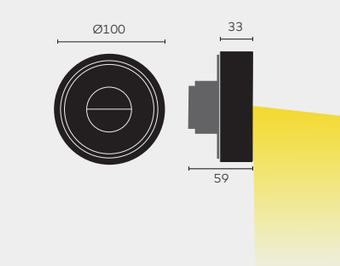
wabi bollard



wabi wall gear incl.



wabi wall gear excl.



		Colour	KR-code	Light sources	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**FL** Flood (30°)	**SW** Switchable ON/OFF	Optional accessories
	wabi **Gear:** incl. ▣	●	KR**943052**	①	●	●			●		■
	wabi **Gear:** excl. ◈	●	KR**943252**	②	●	●			●		■
	wabi bollard 300 **Gear** incl. ▣	●	KR**943552**	③	●	●			●	●	■
	wabi bollard 750 **Gear** incl. ▣	●	KR**943752**	③	●	●			●	●	■
	wabi wall **Gear:** incl. ▣	●	KR**943352**	④			●	●			
	wabi wall **Gear:** excl. ◈	●	KR**943152**	⑤			●	●			■

■ **Optional accessories**

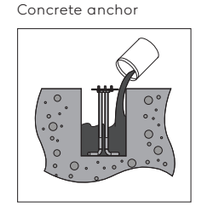
Glare preventor	KR**743052**	Glare preventor (straight black H50)
Optional installation ❶ (only for wabi)	KR**743750**	Concrete anchor
	KR**743850**	Ground pin
	KR**743950**	Spacer ❷
Driver	KR**772630**	LED driver, 700mA, ON/OFF, 30W (IP68)
	KR**772752**	LED driver, 700mA, 1-10V, 12W (IP67)
	KR**772853**	LED driver, 700mA, DALI, 30W (IP68)
	KR**772840**	LED driver, 1050mA, ON/OFF, 52W (IP68)
	KR**772862**	LED driver, 1050mA, 0/1-10V, 52W (IP67) ❸
	KR**772863**	LED driver, 1050mA, DALI, 52W (IP68)
Wall box for wabi wall	KR**727611**	Concrete wall box
	KR**727711**	Hollow wall box
	KR**727811**	Brick wall box

	CRI	CCT	Voltage	Wattage	Drive current	Fixture lumen
① LED	CRI80+	2700K/3000K	230V	4,2W		387lm
② LED	CRI80+	2700K/3000K		8,2W	700mA	645lm
				12W	1050mA	783lm
③ LED	CRI80+	2700K/3000K	230V	8,2W		645lm
④ LED	CRI90+	2700K/3000K	230V	4W		240lm
⑤ LED	CRI90+	2700K/3000K		4W	700mA	240lm

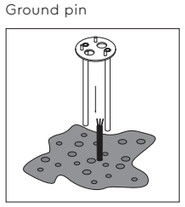
REMARKS
❶ Luminaire is supplied with parts for installation on concrete.
❷ For surface mounted cables.
❸ Driver can be used for max. 3 fixtures.

Rotation is lockable.
Check installation manual.
IP65

Concrete anchor



Ground pin



Spacer

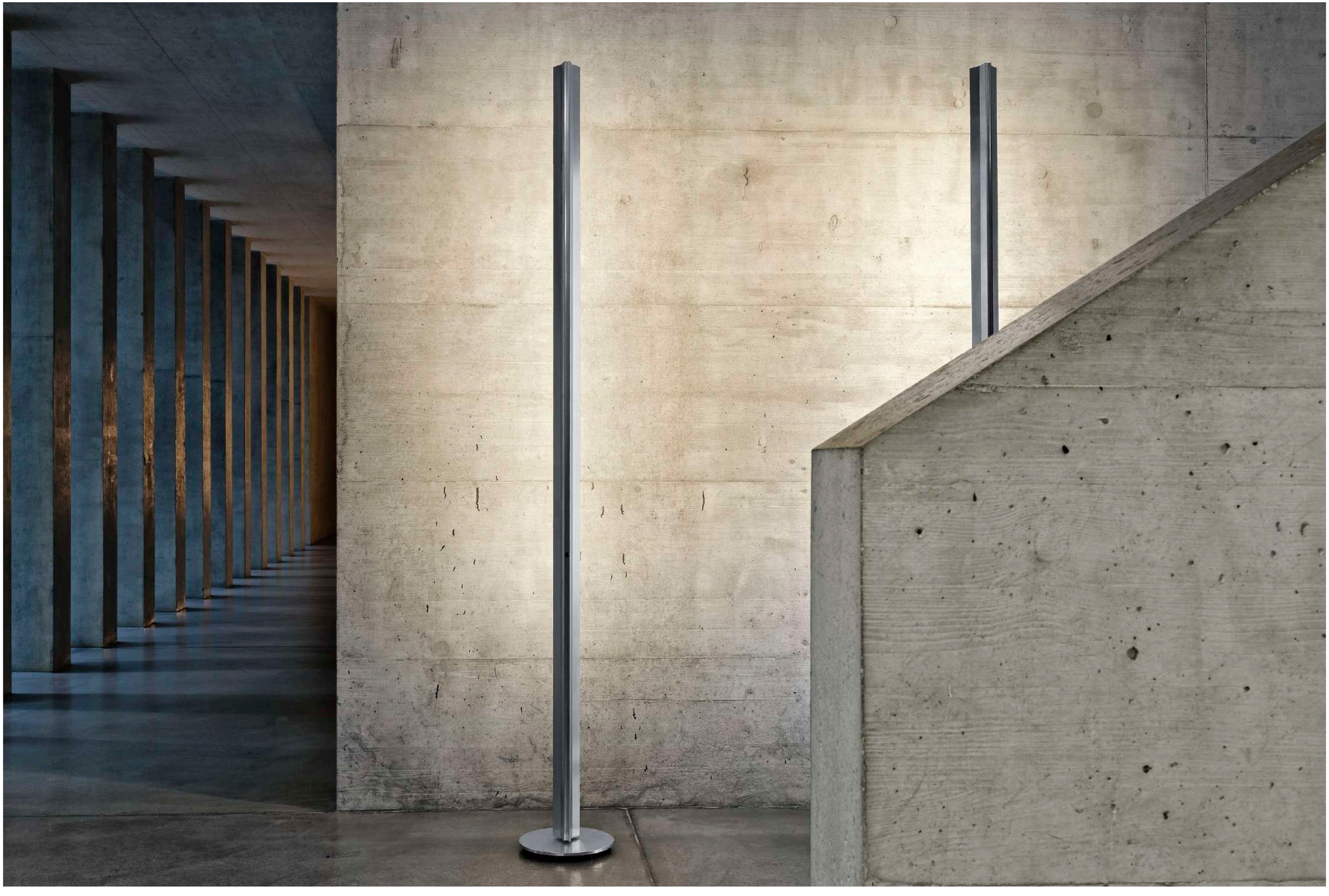
kreon ypsilon

kreon ypsilon is a discrete but energy-saving solution to illuminate the walls of rooms and thus visually enlarge it. The plug-in lamp also solves the problem of dark ceilings where they do not reflect light. Modern electronics and stylish finishes, along with the distinctive design, ensure high-quality illumination and a long operating life. The built-in dimmer enables the light to be regulated from bright room light to cosy mood light. kreon ypsilon is energy saving and can be rotated through 270°.

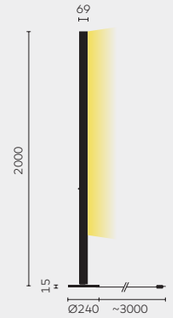
Photographer Serge Brison

ypsilon, black

Photographer Felix Wey



ypsilon standing light



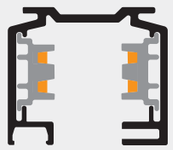
		Colour	Light sources	KR-code	**8027** 2700K, CRI80	Dimmable, on lamp
	ypsilon standing light	●	①	KR**944132**	●	●

	CRI	CCT	Wattage	Fixture lumen
① LED	CRI>80	2700K	35W	3100lm

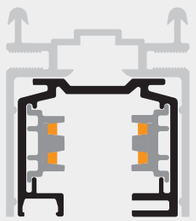
REMARKS
The converter is built into the lamp body The base is supplied with a europlug. Other plugs available on request.
IP 20

kreon 3~ 230V track

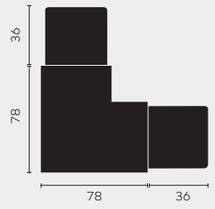
3~circuit track



3~circuit track,recessed



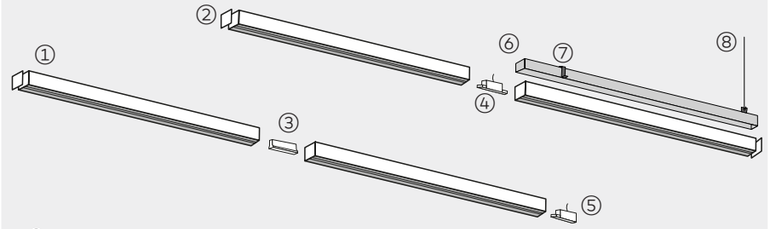
L-coupler



3~circuit track	○	KR**726021**	2000mm, white
	●	KR**726022**	2000mm, black
	○	KR**726031**	3000mm, white
	●	KR**726032**	3000mm, black
Accessories	○	KR**726501**	End cap, white
	●	KR**726502**	End cap, black
	○	KR**726511**	End feed, earth left, white
	●	KR**726512**	End feed, earth left, black
	○	KR**726521**	End feed, earth right, white
	●	KR**726522**	End feed, earth right, black
	○	KR**726531**	Mid feed, white
	●	KR**726532**	Mid feed, black
	○	KR**726541**	Straight connector, no feed, white
	●	KR**726542**	Straight connector, no feed, black
	○	KR**726721**	L-coupler with feeding option, earth outside, white
	●	KR**726722**	L-coupler with feeding option, earth outside, black
	○	KR**726621**	L-coupler with feeding option, earth inside, white
	●	KR**726622**	L-coupler with feeding option, earth inside, black
	○	KR**726041**	Track cover, 1000mm, white
	●	KR**726042**	Track cover, 1000mm, black
Recessed installation		KR**726055**	Recessed profile for surface track ❶
		KR**726056**	Mounting bracket recessed profile ❷
		KR**726057**	Recessed profile snap hanger ❸
Suspension components		KR**726963**	Suspension steel wire 1500mm
		KR**726973**	Suspension steel wire 3000mm
	○	KR**726821**	Pendant clip for suspension by steel wire, white
	●	KR**726822**	Pendant clip for suspension by steel wire, black

REMARKS
❶ Recessed profile of 4073 mm (to be cut on installation site) is to be combined with surface track. Required accessories to be chosen between KR726056 or KR726057.
❷ 1 bracket for gypsum installation
❸ Set of 6 snap hangers to suspend recessed profile.

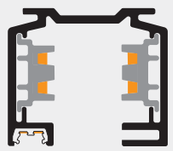
RAL colour of white profile: RAL9016
RAL colour of black profile: RAL9005



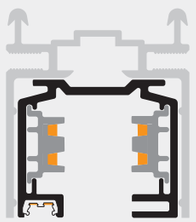
① 3-circuit track, available in 2000mm or 3000mm in white or black.
② End cap
③ Straight connector to connect two tracks
④ Mid feed for electrical wiring in the middle
⑤ End feed for electrical wiring at the end (left or right)
⑥ Plasterkit for recessed mounting
⑦ Mounting brackets for screwing the recessed track in the ceiling
⑧ Snap hangers

3~ 230V track + databus

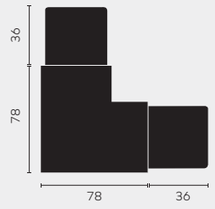
3~circuit track + databus



3~circuit track + databus, recessed



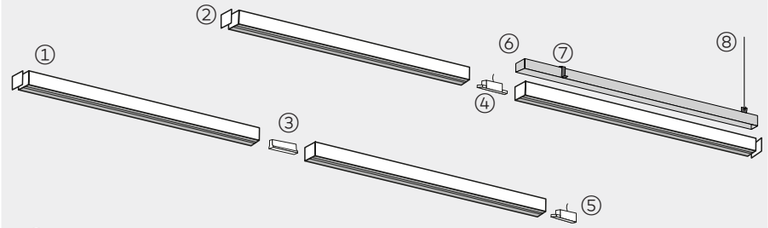
L-coupler



3~circuit track + databus	○	KR**736021**	2000mm, white
	●	KR**736022**	2000mm, black
	○	KR**736031**	3000mm, white
	●	KR**736032**	3000mm, black
Accessories	○	KR**726501**	End cap, white
	●	KR**726502**	End cap, black
	○	KR**736511**	End feed, earth left + databus, white
	●	KR**736512**	End feed, earth left + databus, black
	○	KR**736521**	End feed, earth right + databus, white
	●	KR**736522**	End feed, earth right + databus, black
	○	KR**736531**	Mid feed + databus, white
	●	KR**736532**	Mid feed + databus, black
	○	KR**736541**	Straight connector, no feed + databus, white
	●	KR**736542**	Straight connector, no feed + databus, black
	○	KR**736721**	L-coupler with feeding option, earth outside + databus, white
	●	KR**736722**	L-coupler with feeding option, earth outside + databus, black
	○	KR**736621**	L-coupler with feeding option, earth inside + databus, white
	●	KR**736622**	L-coupler with feeding option, earth inside + databus, black
	○	KR**726041**	Track cover, 1000mm, white
	●	KR**726042**	Track cover, 1000mm, black
Recessed installation		KR**726055**	Recessed profile for surface track ❶
		KR**726056**	Mounting bracket recessed profile ❷
		KR**726057**	Recessed profile snap hanger ❸
Suspension components		KR**726963**	Suspension steel wire 1500mm
		KR**726973**	Suspension steel wire 3000mm
	○	KR**726821**	Pendant clip for suspension by steel wire, white
	●	KR**726822**	Pendant clip for suspension by steel wire, black

REMARKS
❶ Recessed profile of 4073 mm (to be cut on installation site) is to be combined with surface track. Required accessories to be chosen between KR726056 or KR726057.
❷ 1 bracket for gypsum installation
❸ Set of 6 snap hangers to suspend recessed profile.

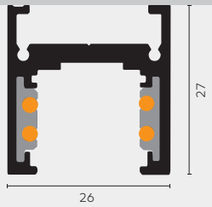
RAL colour of white profile: RAL9016
RAL colour of black profile: RAL9005



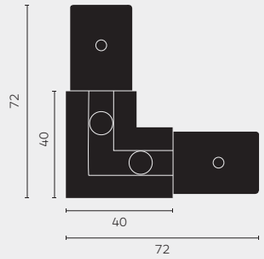
① 3-circuit track + databus, available in 2000mm or 3000mm in white or black
② End cap
③ Straight connector to connect two tracks
④ Mid feed for electrical wiring in the middle
⑤ End feed for electrical wiring at the end (left or right)
⑥ Plasterkit for recessed mounting
⑦ Mounting brackets for screwing the recessed track in the ceiling
⑧ Snap hangers

kreon 48V track

Low voltage track

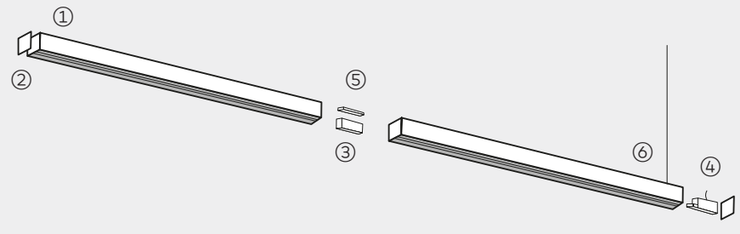


L-joint



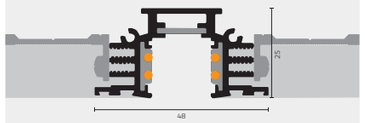
Standard low voltage track profile	○	KR**746411**	1000mm, white
	●	KR**746412**	1000mm, black
	○	KR**746421**	2000mm, white
	●	KR**746422**	2000mm, black
	○	KR**746431**	3000mm, white
	●	KR**746432**	3000mm, black
Accessories	○	KR**746401**	End cap standard LV track, white
	●	KR**746402**	End cap standard LV track, black
	○	KR**746511**	Feed connector low voltage, white
	●	KR**746512**	Feed connector low voltage, black
	○	KR**746531**	Straight connector low voltage, white
	●	KR**746532**	Straight connector low voltage, black
	○	KR**746611**	L-connector low voltage, white
	●	KR**746612**	L-connector low voltage, black
	○	KR**746701**	Mechanical L-joint, white
	●	KR**746702**	Mechanical L-joint, black
		KR**746920**	Cutting tool for track conductors
Power supply		KR**790473**	Power supply 48Vdc, 30W
		KR**790474**	Power supply 48Vdc, 60W
		KR**790475**	Power supply 48Vdc, 100W
		KR**790476**	Power supply 48Vdc, 240W (IP67)
Suspension components		KR**746710**	Suspension steel wire 1500mm
		KR**746810**	Suspension steel wire 2500mm
		KR**746830**	Pendant clip for suspension by steel wire, short
		KR**746930**	Pendant clip for suspension by steel wire, long – can be used as reinforcing bracket to connect two pieces of tracks

REMARKS
Up to max. 48Vdc.
RAL colour of white profile:
RAL9016
RAL colour of black profile:
RAL9004



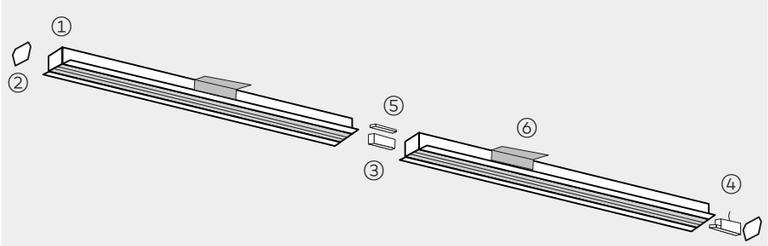
① Standard low voltage track profile
② End cap standard
③ Straight connector
④ Feed
⑤ Reinforcing bracket to connect two tracks mechanically
⑥ Pendant clip and steel wire for suspended profile

Low voltage track, recessed



Recessed, trimless low voltage track profile	●	KR**746110**	Recessed profile, 1000mm
	●	KR**746120**	Recessed profile, 2000mm
	●	KR**746130**	Recessed profile, 3000mm
Accessories	●	KR**746602**	End cap recessed LV track
	○	KR**746511**	Feed connector low voltage, white
	●	KR**746512**	Feed connector low voltage, black
	○	KR**746531**	Straight connector low voltage, white
	●	KR**746532**	Straight connector low voltage, black
	○	KR**746611**	L-connector low voltage, white
	●	KR**746612**	L-connector low voltage, black
		KR**746800**	Reinforcing bracket to join two pieces of LV recessed track
		KR**746900**	Mounting bracket for recessed LV profile
		KR**746920**	Cutting tool for track conductors
Power supply		KR**790473**	Power supply 48Vdc, 30W
		KR**790474**	Power supply 48Vdc, 60W
		KR**790475**	Power supply 48Vdc, 100W
		KR**790476**	Power supply 48Vdc, 240W (IP67)

REMARKS
Thickness boardmaterial: 12,5;
15 or 18 mm
Up to max. 48Vdc.
RAL colour of white profile:
RAL9016
RAL colour of black profile:
RAL9004



① Recessed profile
② End cap standard
③ Straight connector
④ Feed
⑤ Reinforcing bracket to connect two recessed tracks mechanically
⑥ Mounting bracket to mount the recessed profile

kreon audio

Project Architectural office
Location Paris, France

Architect Parallel
Photographer Serge Brison

Next to sight, hearing is one our most valuable senses, sharing the same emotions and both reinforcing the way we perceive the world around us.

kreon offers a complete range of integrated compact speakers that follow the same design language of the kreon lighting fixtures and in some cases even allow the combination of both light and sound into one architectral unit. This makes it possible to fully integrate the sound plan into the light plan merging both into a harmonius yet minimalist architectural expression.

kreon audio can be applied as a single unit or as an acoustic component of a linear lighting system.

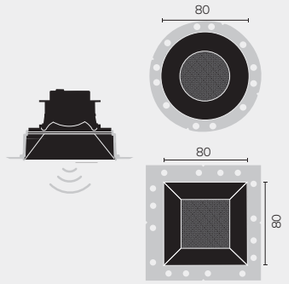
Create multiple schemes for different rooms. The remote digital DIN rail amplifiers allow a centralised custom programming of the complete audio system.

Connect directly or wireless to any audio source, like a smartphone, tablet, CD player, TV, computer, or a home automation system.

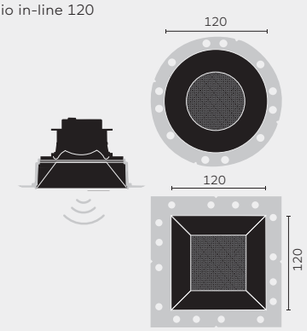
Depending on the size of the room and the characteristics of the speakers, a subwoofer may be required for additional clarity and power.

120
80
80
80
1
2
BlueTooth
connected
interface
Amplifier
CD player
TV
Multiroom system
Subwoofer

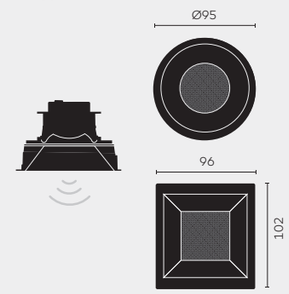
audio in-line 80



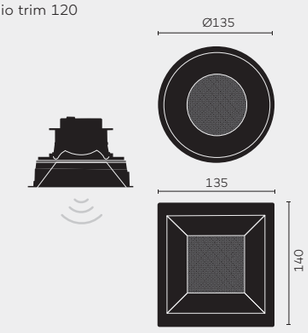
audio in-line 120



audio trim 80



audio trim 120



		Colour ❶	KR-code	Speaker	RD1 Round, white ❷	RD2 Round, black ❷	SQ1 Square, white ❷	SQ2 Square, black ❷	Required accessories
	audio in-line 80 ❸	○	KR**907091**	①					■
		●	KR**907092**	①					■
	audio in-line 120 ❸❹	○	KR**907891**	②					■
		●	KR**907892**	②					■
	audio trim 80 ❸	○	KR**937091**	①	●	●	●	●	
		●	KR**937092**	①	●	●	●	●	
	audio trim 120 ❸❹	○	KR**937991**	②	●	●	●	●	
		●	KR**937992**	②	●	●	●	●	

■ Required accessories

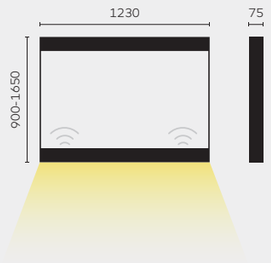
Plasterkit (round)	KR**717104**	Plasterkit aplis in-line 80, no shadowgap
	KR**717108**	Plasterkit aplis in-line 80, shadowgap
	KR**707204**	Plasterkit aplis in-line 120, no shadowgap
	KR**707208**	Plasterkit aplis in-line 120, shadowgap
Plasterkit (square)	KR**717114**	Plasterkit down in-line 80, no shadowgap
	KR**717118**	Plasterkit down in-line 80, shadowgap
	KR**707214**	Plasterkit down in-line 120, no shadowgap
	KR**707218**	Plasterkit down in-line 120, shadowgap
Louvre (round)	KR**717106**	Louvre aplis in-line 80, white
	KR**717122**	Louvre aplis in-line 80, black
	KR**717105**	Louvre aplis in-line 80, gun black
	KR**717103**	Louvre aplis in-line 80, red satin copper
	KR**707206**	Louvre aplis in-Line 120, white
	KR**707222**	Louvre aplis in-line 120, black
Louvre (square)	KR**717116**	Louvre down in-line 80, white
	KR**717112**	Louvre down in-line 80, black
	KR**717115**	Louvre down in-line 80, gun black
	KR**717113**	Louvre down in-line 80, red satin copper
	KR**707216**	Louvre down in-line 120, white
	KR**707212**	Louvre down in-line 120, black

	Speakers	Impedance (Ω)	Bandwidth	Max SPL at 1m			Wiring
				minikreamp	kreamp	home-cinema amp	
①	1 x 2"	4ohm	90 - 20k	95,2dB	99dB	99dB	2 x 2,5mm²
②	1 x 3"	4ohm	60 - 20k	96dB	100dB	100dB	2 x 2,5mm²

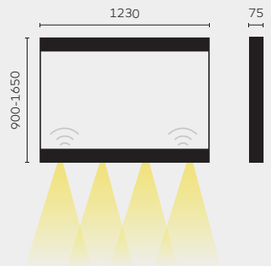
NOTAS
❶ Coding defines the colour of the speakers cloth
❷ Coding defines the shape and the colour of the trim and louvre.
❸ Suitable for under canopy use.
❹ Can be used as minisubwoofer in small rooms

See page 658-659 for more audio accessories.

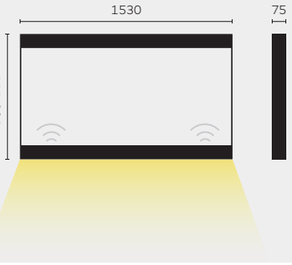
cadre 1200 linear



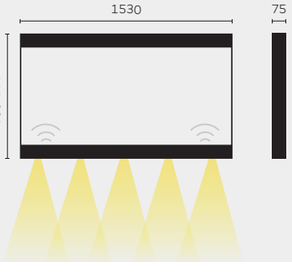
cadre 1200 spot

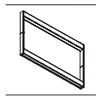


cadre 1500 linear



cadre 1500 spot



		Colour	KR-code	Speaker	Light sources	**9027** 2700K, CRI90+	**9030** 3000K, CRI90+	**VD** 1-10V dimming	**DD** DALI dimming	Required accessories	Optional accessories
	cadre 1200 linear	◒	KR**963460**	①	②	●	●	●	●	■	■
		●	KR**963462**	①	②	●	●	●	●	■	■
	cadre 1200 spot	◒	KR**963480**	①	③	●	●	●	●	■	■
		●	KR**963482**	①	③	●	●	●	●	■	■
	cadre 1500 linear	◒	KR**963470**	①	④	●	●	●	●	■	■
		●	KR**963472**	①	④	●	●	●	●	■	■
	**cadre 1500 spot**	◒	KR**963490**	①	⑤	●	●	●	●	■	■
		●	KR**963492**	①	⑤	●	●	●	●	■	■

■ **Required accessories**

Leather telescopic suspension, black anodised (for KR9634x2)

Pendant height 900-1200 mm	End part	○	KR**763761**
		●	KR**763762**
	Coupler	○	KR**763361**
		●	KR**763362**
Pendant height 1200-1650 mm	End part	○	KR**763861**
		●	KR**763862**
	Coupler	○	KR**763461**
		●	KR**763462**

Leather telescopic suspension, chrome (for KR9634x0)

Pendant height 900-1200 mm	End part	○	KR**763751**
		●	KR**763752**
	Coupler	○	KR**763351**
		●	KR**763352**
Pendant height 1200-1650 mm	End part	○	KR**763851**
		●	KR**763852**
	Coupler	○	KR**763451**
		●	KR**763452**

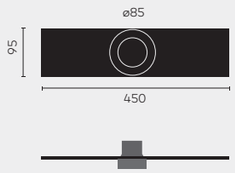
	Speakers	**Impedance (Ω)**	**Bandwidth**	**Max SPL at 1m** minikreamp	kreamp	home-cinema amp	**Wiring**
①	2 x 2"	2 x 4ohm	110-24k	98dB	101dB	101dB (only for surround)	4 x 2,5mm²

		CRI	**CCT**	**Voltage**	**Wattage**	**Fixture lumen**
①	LED	CRI90+	3000K	230V	38,1W	2670lm
②	LED	CRI90+	2700K/3000K	230V	4 x 6,5W	1335lm
③	LED	CRI90+	3000K	230V	47,7W	3338lm
④	LED	CRI90+	2700K/3000K	230V	5 x 6,5W	1669lm

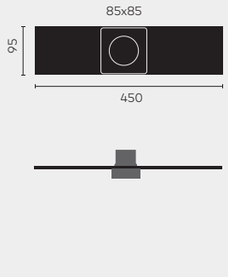
NOTAS
❶ kreon cadre is available in two different colours
● Black anodised
◒ Chrome

See page 658-659 for more audio accessories.
Gear: incl.
IP40

holon 80 single in-cana



prologe 80 single in-cana



		Colour ❶	KR-code	Speaker	Required accessories ❷	Optional accessories ❷
	holon 80 in-cana single	○	KR**934211**	①	■	■
		●	KR**934212**	①	■	■
	prologe 80 in-cana single	○	KR**934261**	②	■	■
		●	KR**934262**	②	■	■

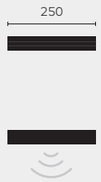
	Speakers	Impedance (Ω)	Bandwidth	Max SPL at 1m			Wiring
				minikreamp	kreamp	home-cinema amp	
①	1 x 2"	4ohm	90 - 20k	95,2dB	99dB	99dB	2 x 2,5mm²

NOTAS
❶ The coverplates on the inside of the profile are always black. The speaker cloth has the same colour as the module.
❷ See page 658-659 for more audio accessories.

The speakers are supplied pre-assembled.
Combinations can be specified on order form.
See kreon cana 80 range on page 366 for more information on the serie.

kreon audio in-nuit

nuit



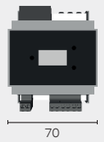
		Colour ❶	KR-code	Speaker	Required accessories ❷	Optional accessories ❷
	nuit		KR**974890**	①	■	■

	Speakers	Impedance (Ω)	Bandwidth	Max SPL at 1m			Wiring
				minikreamp	kreamp	home-cinema amp	
①	1 x 6" x 1"	8 ohm	200-20kHz	90dB	95dB	xx	2 x 2,5mm²

NOTAS
❶ The cloth of the speaker is always black
❷ See page 658-659 for more audio accessories.

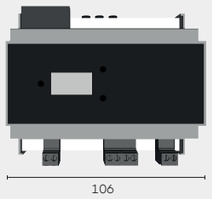
See kreon nuit range on page 536 for more information on the serie.

mini kreamp



= DIN-rail - 4 positions

kreamp



= DIN-rail - 6 positions

		Colour	KR-code		Optional accessories
	mini kreamp amplifier DIN-rail 4-positions		KR**957020**	①	■
	kreamp amplifier DIN-rail 6-positions		KR**957025**	②	■
	connect BT ᛒ + jack ❶ **LxH** 80x80, 68mm standard socket box	○	KR**957321**		
		●	KR**957322**		
	subwoofer **LxH** 560x190x113		KR**957620**	③	

■ **Optional accessories**

Voltage	KR**757020**	DIN-rail 24V-60W for minikreamp
	KR**757025**	DIN-rail 48V-92W for kreamp
Cable RJ45	KR**710102**	Cable RJ45, 0.3m
	KR**710000**	Cable RJ45, 0.5m
	KR**710005**	Cable RJ45, 5m
	KR**710010**	Cable RJ45, 10m
	KR**710020**	Cable RJ45, 20m
Splitter	KR**710300**	Splitterbox

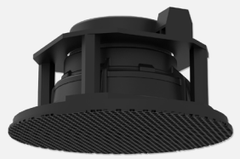
	Output power	Bandwidth	Voltage
①	2 x 18 Wrms (4 ohm) + 1 x 36 Wrms (8 ohm)	5 - 24 k	24V
②	2 x 145 Wrms (2 ohm) + 1 x 300 Wrms (4 ohm)	5 - 24 k	48V

	Speakers	Impedance	Bandwidth	Max SPL at 1m	Wiring
③	1 x 6,5' active + 2 x 6,5' passives	8 ohm	40-250k	103/110dB (minikreamp/ kreamp)	2 x 2,5 mm^2

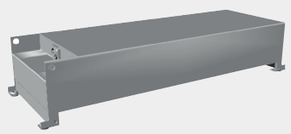
NOTAS
❶ Bluetooth 4.2 - A2DP-APTX

kreon audio configurator

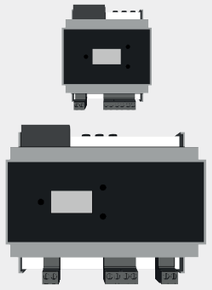
A. Choose your speaker



B. Add a subwoofer when needed



C. Associate the amplifier



D. Add the optional BT Connect module ᛒ

A. Choose your speaker

The kreon speakers are miniaturized high quality passive audio components. Carefully position your speakers according to the space and the desired sound experience.

B. Add a subwoofer when needed

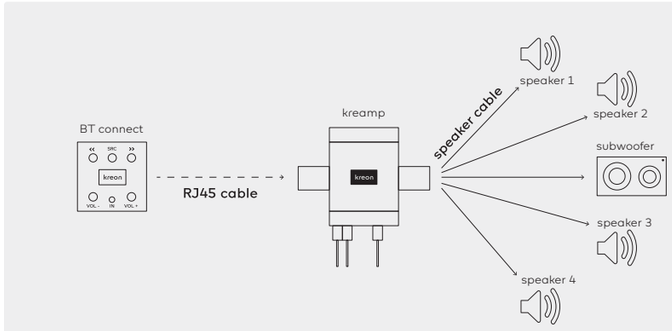
Depending on the size of your room and the characteristics of your speakers, a subwoofer may be required for additional clarity and power. The shallow kreon subwoofers are made of 3 mm steel sheets and measure 560 x 190 x 110 mm only. Thanks to their flat design and their narrow output, they are easily hiddable in cupboards plinths, under beds and sofas. For very small rooms and low level expects, module 120 and Ceiling Solution speaker can be converted as minisubwoofers.

C. Associate the amplifier

Power your speakers and subwoofers through simple speaker cables with the kreon din-rail amplifiers. These highly miniaturized digital amplifiers allow you to connect any audio source and let you perfectly optimize your speakers with their digital signal processor (dsp).
Simply chose the preset corresponding to your kreon speaker, and the amplifier will automatically compensate their frequency response.
Each audio room is fitted with an amplifier, allowing independent listening. Depending on the number of speakers to power, choose between the minikreamp and the kreamp. For home-cinema, simply wire the kreon speakers to a standard home-cinema amplifier

D. Add the optional BT Connect module ᛒ

If you need local connection by jack or Bluetooth, just add the Bluetooth Connect module . Easy to integrate in its standard 80x80mm switch format, simply wire it to the amplifier by a RJ45 cable (up to 100m).



Speakers/subwoofers configurator

Room	Size	module 80	module 120	nuit ❷	cadre	ceiling solution
Living room	S < 30m²	2 + 1 sub	2 ❶	8 + 1 sub	1 + 1 sub	2
	30m² < S < 60m²	4 + 2 sub	4 ❶	16 + 2 sub	x	4
	60m² < S < 100m²	8 + 4 sub	8 ❶	x	x	8
Bath Dressing Toilets	S < 15m²	1	1	2 + minisub	x	1
	15m²> S	2	1 or 2	4 + minisub	x	1
Bedroom (incl. hotel)	S < 20m²	2	2	2 + minisub	1 + minisub	2
	20m² < S< 40m²	2 + 1 sub	2 ❶	8 + 1 sub	x	2
	40m² < S< 60m²	4 + 1 sub	4 ❶	16 + 1 sub	x	4
Restaurant	S < 40m²	4 + 1 sub	4 ❶	8 + 1 sub	1 + sub	2
	40m² < S< 80m²	8 + 2 sub	8 ❶	16 + 2 sub	2 + 2 sub	4
	80m² < S< 120m²	16 + 4 sub	16 ❶	32 + 2 sub	x	8

For kreon speakers (output speaker)

Speaker model	Impedance (Ω)	minikreamp	kreamp
module 80	4	1 to 2	4 to 16
module 120	4	1 to 2	4 to 16
nuit	8	1 to 8	8 to 16
cadre	2 x 4	1	1 to 2
ceiling solution	8	1 to 2	4 to 16

For kreon subwoofers (output sub)

Speaker model	Impedance (Ω)	minikreamp	kreamp
module 120	4	1	x
ceiling solution	8	1	x
Sub Gen2	8	1❸	1 to 2

NOTAS
❶ Does not need a sub for background music/requires sub for loud music
❷ Only for background music.
❸ Degraded mode: subwoofer will work at 50% power

kreon audio home cinema configurator

A. Choose your speaker

B. Add a subwoofer when needed

C. Associate the amplifier

A. Choose your speaker
Except kreon nuit, all kreon speakers can be used to build an elegant home-cinema: don't be fooled by their tiny size, they are able to reproduce very clear dialogs as well as loud explosions.

Carefully position your speakers according to the home-cinema standards :

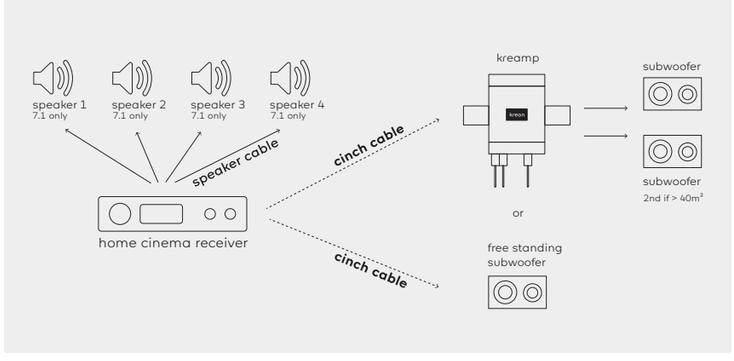
- 2 left and right speakers, like a stereo system
- 1 center speaker, that reproduces the dialogs
- 2 (5.1) or 4 (7.1) speakers, that make the surround effects

B. Add a subwoofer when needed
Home cinema effects require a lot of energy in the lows, so a subwoofer is absolutely needed.

You have 2 possibilities:

- Invisible sub, integrated in furniture : use 1 (<40m²) or 2 (>40m²) kreon subwoofer(s) and power them though a kreamp amplifier.
- Free-standing subwoofer: Buy in the market the home-cinema active subwoofer of your choice.

C. Associate the amplifier
Home-cinema needs a special amplifier called 'home-cinema receiver', able to decode the cinema sound effects (HD Master, Dolby Digital, DTS...). They can be found by any retailer. Any brand is compatible, since their configuration menus all offer the possibility to set the speakers as 'small'. Their tiny size is then taken into account by the amplifier, which automatically routes the lows to the subwoofer. Very few amplifiers have a sixth amplified output, that allows to directly wire a kreon passive subwoofer. This allows to build an economical small system by getting rid of the kreamp – please ask for compatible models.



Speakers/subwoofers configurator

	Size	module 80	module 120	nuit ❶	cadre	ceiling solution
Home cinema	S < 40m²	5 or 7 + sub	5 or 7 + HC sub	x	1 as rear speakers only	5 or 7 + HC sub
	30m²>S	4 as rear speakers only	5 or 7 + HC sub	x	1 as rear speakers only	5 or 7 + HC sub

For kreon speakers (output speaker)

Speaker model	Impedance (Ω)	minikreamp	kreamp
module 80	4	1 to 2	4 to 16
module 120	4	1 to 2	4 to 16
nuit	8	1 to 8	8 to 16
cadre	2 x 4	1	1 to 2
ceiling solution	8	1 to 2	4 to 16

For kreon subwoofers (output sub)

Speaker model	Impedance (Ω)	minikreamp	kreamp
module 120	4	1	x
ceiling solution	8	1	x
Sub Gen2	8	1❷	1 to 2

NOTAS
❶Only for background music.
❷ Degraded mode: subwoofer will work at 50% power

kreon wiring and dimming

Wiring and dimming

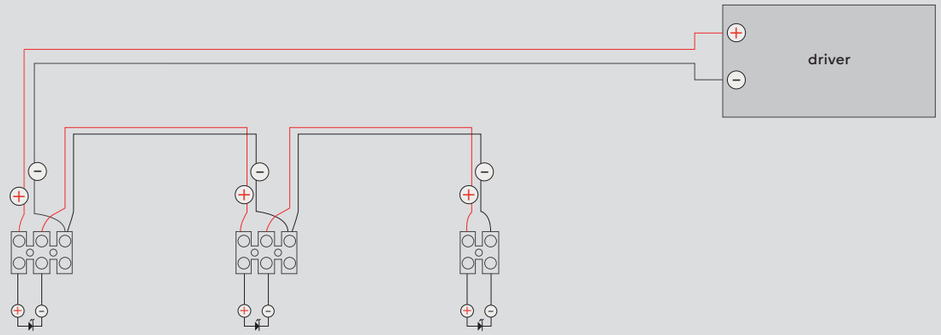
Many lighting applications require dimming capabilities, some because of the need for different mood settings, like in restaurants or residential environments, some because of the need for better energy consumption.

Nearly all kreon tools of light can be dimmed. We offer following dimming options either pre-assembled or to be ordered separately:

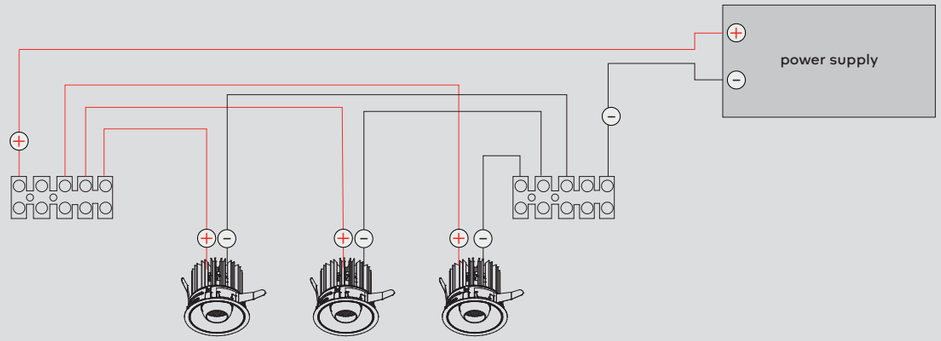
- 0-10V
- 1-10V
- DALI
- Touch dim
- Phase dim
- DMX

Please consult following schemes for correct wiring and/or dimming of our kreon tools of light fixtures. For additional information go to www.kreon.com or contact your local kreon support team.

Series connection

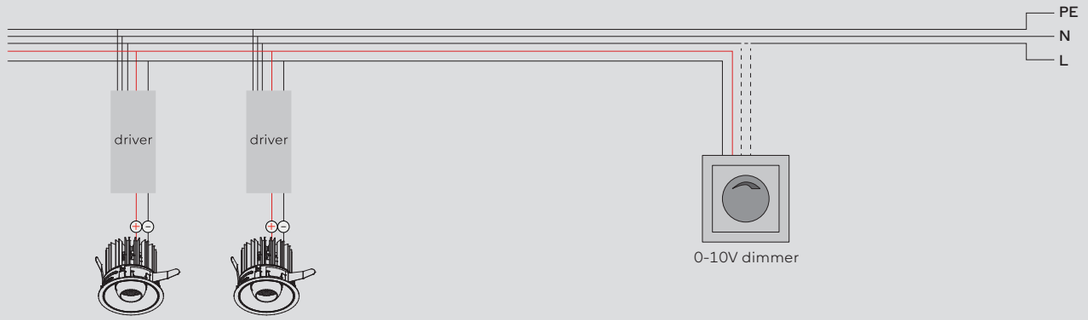


Parallel connection



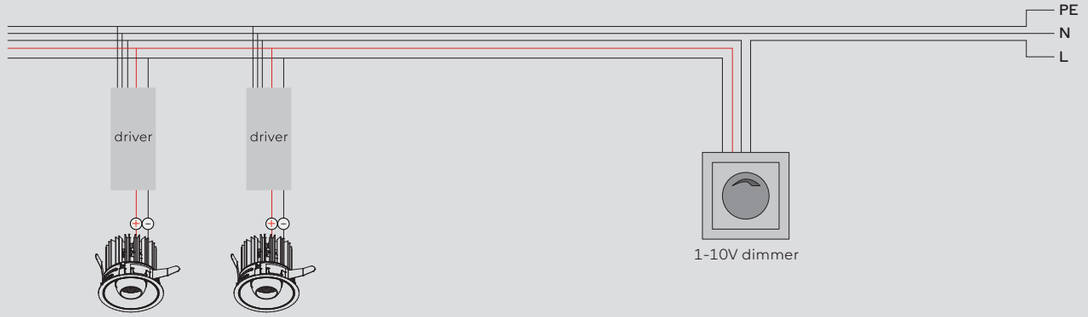
kreon wiring and dimming

0-10V dimming



Be aware: always check the driver specifications!

1-10V dimming



Be aware: always check the driver specifications!

phase dim / trailing edge

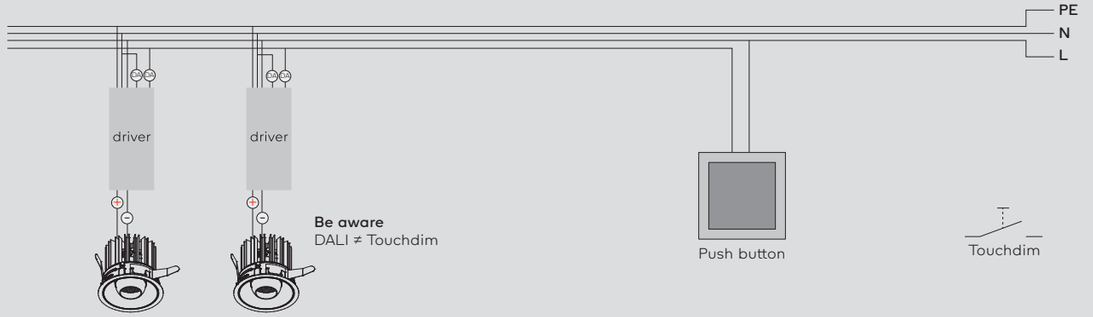
Be aware: always check the driver specifications!

DALI dimming

Some products are available with DALI 2. Check product specifications.

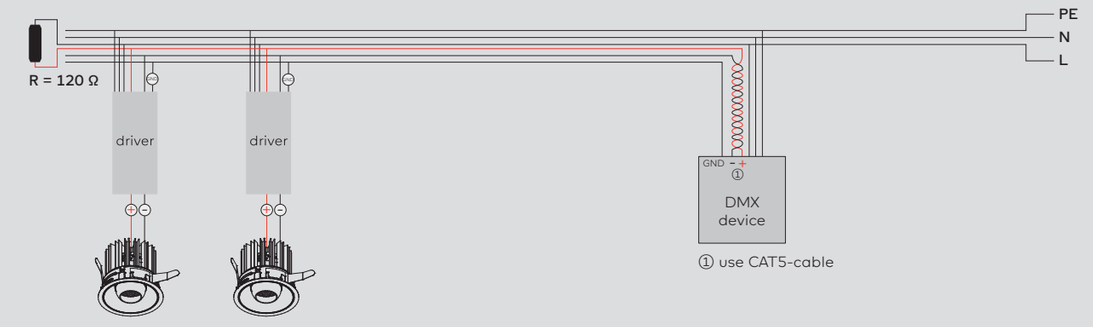
Be aware: always check the driver specifications!

Touchdim



Be aware: always check the driver specifications!
Watch out for asynchronous behavior. Some drivers have the option to connect a syncro cable.

DMX



Be aware: always check the driver specifications!

kreon wallwashing

Project Model home
Location Dilsen, Belgium

Architect PAS interiors & architecture
Photographer Arne Jennard

Draw attention to the wall

Wallwashing or vertical illumination is a key element in modern light planning and puts the emphasis on walls. Depending on the type and position of luminaire used, vertical illumination can bring out material, texture and colour of these walls.

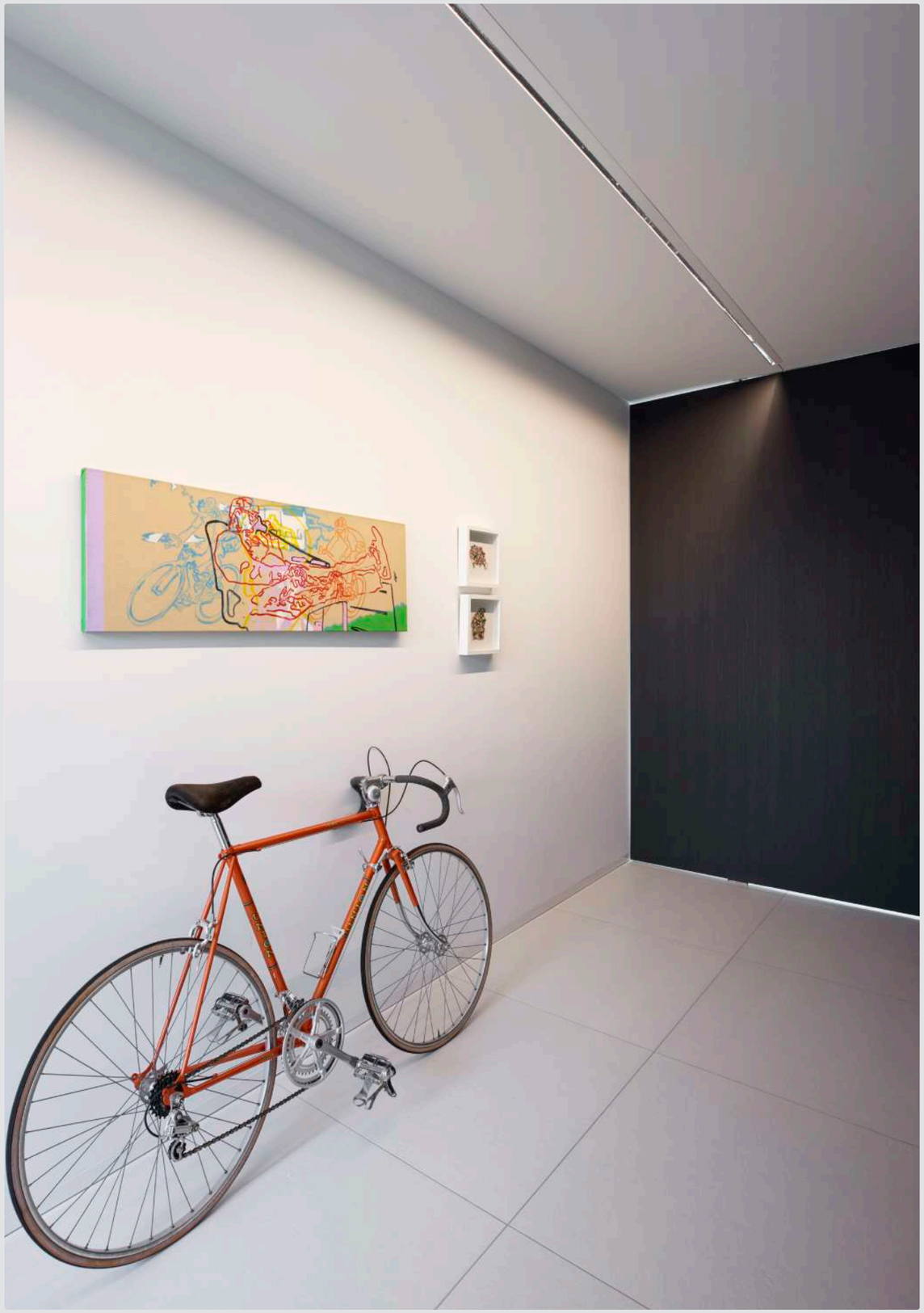
In projects where attention is given to sustainability, vertical illumination offers a solution to illuminate a room with less energy. The human vista spreads mainly in the horizontal plane. The ratio of our horizontal to vertical is approximately 1.75:1. This means that we can give more attention to things located in front and around us than above or below us. When we translate these findings into architecture, we can say that the main part of our vision contains walls. This explains why well illuminated walls become the most dominant elements of architecture.

When carefully planned, an illuminated wall generates a brighter, stronger visual impact of the same space. This impact can be strictly architectural, or can draw attention to objects positioned on this wall (eg. shop-lighting, art, museum).

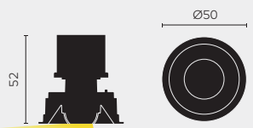
A proper use of light will reveal architecture and space. By revealing surfaces we can define boundaries or add volume. To reach these effects, kreon offers a variety of vertical illumination products. Each type has its own characteristics, but are all designed with the same philosophy. kreon tools of light represent architecture in a way that the lighting is not necessarily noticed, but the forms of space are.

For an optimal wallwashing effect, the spacing between individual wallwashing fixtures should be equal to the distance these fixtures are placed away from the wall. Linear wallwashers are best placed between 90 and 110 cm from the wall according the type of profile.

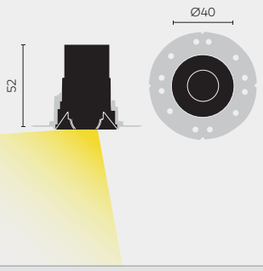
Following pages show the different kreon wallwashing products, how to position them and their measured outcome.



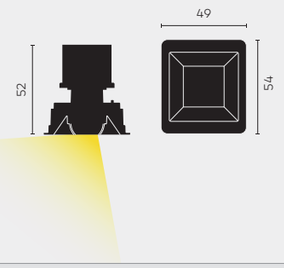
aplis 40 wallwasher



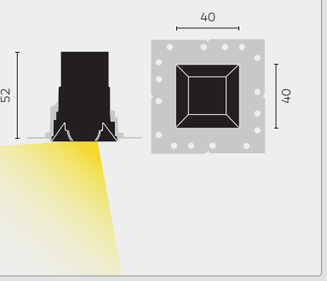
aplis in-line 40 wallwasher



down 40 wallwasher



down in-line 40 wallwasher

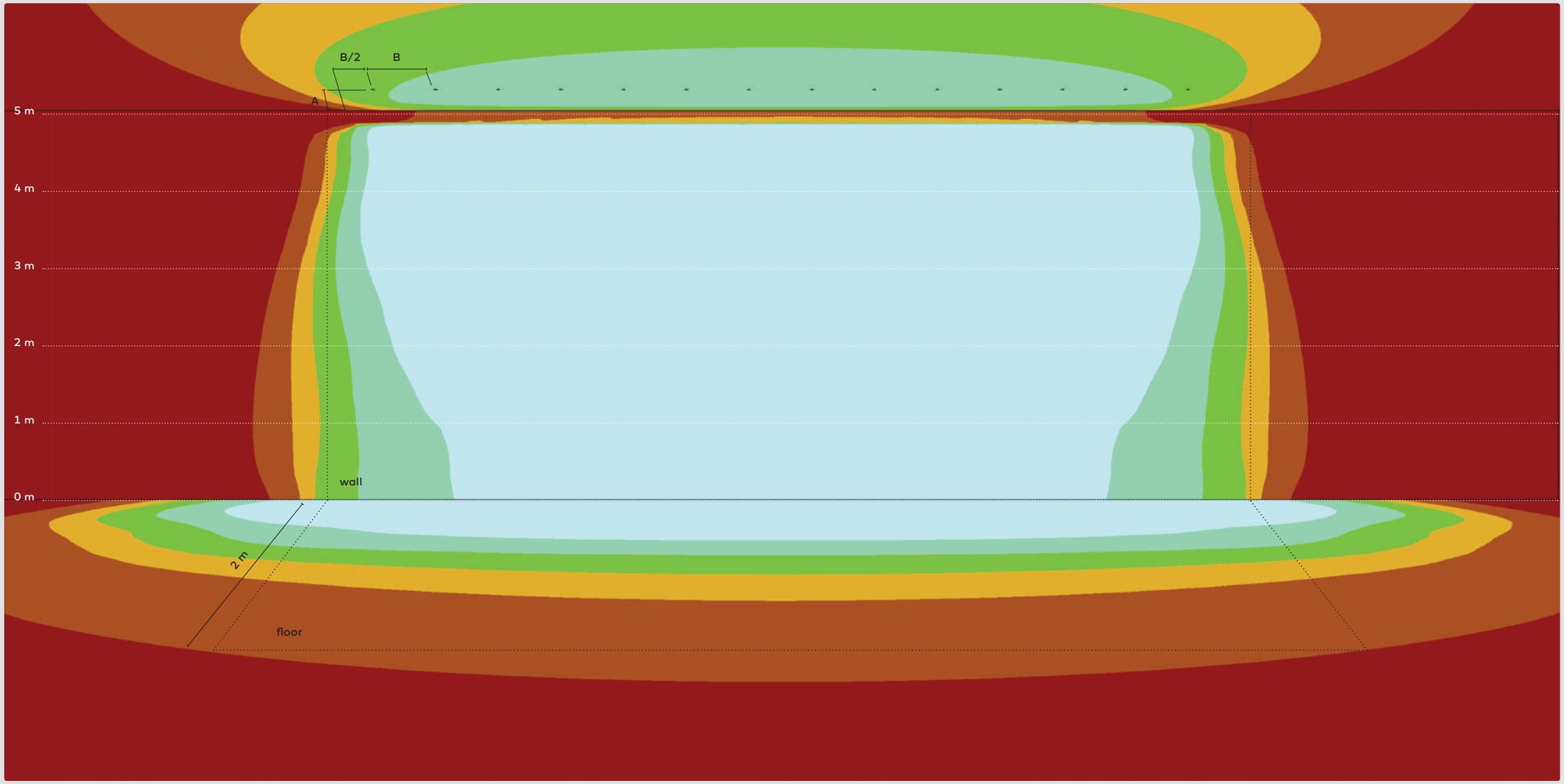


		0m	1m	2m	3m	4m	5m
Module 40 wallwasher (A= 0.50m, B= 0.50m)	Mod 40 HO	9 lx (9 lx) [0.77]	9 lx (9 lx) [0.79]	14 lx (13 lx) [0.85]	21 lx (20 lx) [0.89]	33 lx (32 lx) [0.96]	30 lx (28 lx) [0.94]
	Mod 40 LO	8 lx (7 lx) [0.83]	8 lx (8 lx) [0.84]	10 lx (10 lx) [0.86]	13 lx (13 lx) [0.91]	14 lx (13 lx) [0.94]	2 lx (2 lx) [0.88]
Module 40 wallwasher (A= 0.75m, B= 0.75m)	Mod 40 HO	6 lx (6 lx) [0.82]	7 lx (6 lx) [0.83]	8 lx (8 lx) [0.85]	11 lx (10 lx) [0.90]	12 lx (11 lx) [0.94]	2 lx (2 lx) [0.88]
	Mod 40 LO	8 lx (7 lx) [0.76]	8 lx (8 lx) [0.78]	12 lx (11 lx) [0.84]	17 lx (17 lx) [0.88]	28 lx (27 lx) [0.96]	25 lx (24 lx) [0.95]

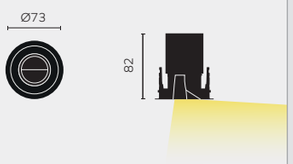
E_{max} (E_{av}) [illuminance uniformity]

Reflection values: wall=70%, ceiling=50%, floor 20%; maintenance factor 0.8

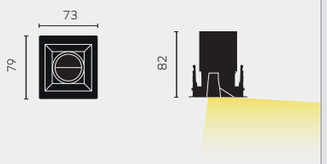
A=75; B=75



aplis 60 wallwasher



down 60 wallwasher

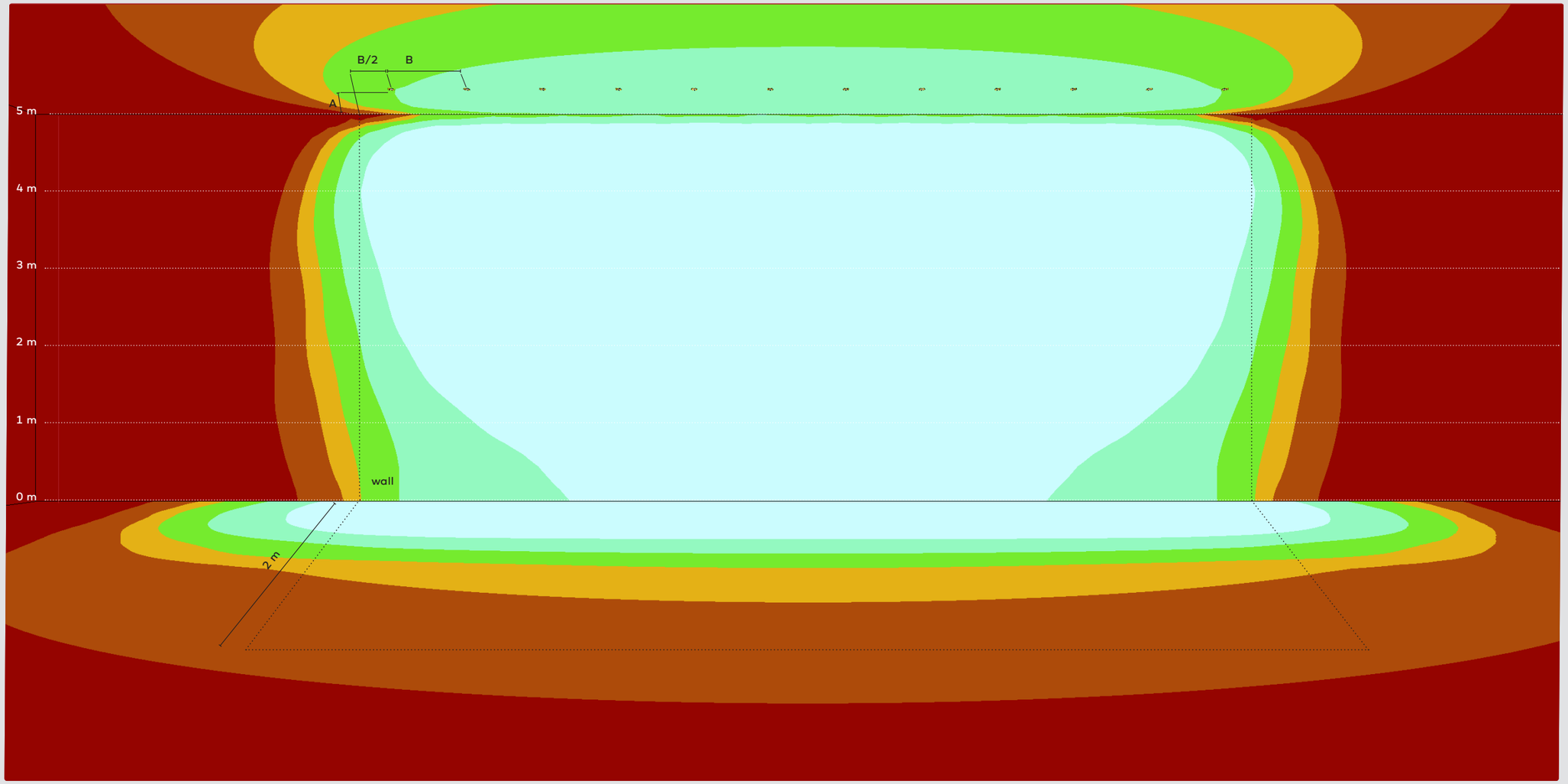


	0m	1m	2m	3m	4m	5m
Module 60 wallwasher (A= 0.50m, B= 0.50m)	67 lx (63 lx) [0.78]	72 lx (67 lx) [0.80]	108 lx (103 lx) [0.83]	208 lx (200 lx) [0.88]	399 lx (381 lx) [0.092]	359 lx (332 lx) [0.90]
Module 60 wallwasher (A= 0.75m, B= 0.75m)	59 lx (56 lx) [0.83]	66 lx (63 lx) [0.84]	97 lx (93 lx) [0.87]	148 lx (144 lx) [0.90]	210 lx (203 lx) [0.93]	128 lx (117 lx) [0.89]
Module 60 wallwasher (A= 0.90m, B= 0.90m)	56 lx (53 lx) [0.85]	63 lx (60 lx) [0.86]	87 lx (63 lx) [0.88]	120 lx (114 lx) [0.90]	151 lx (146 lx) [0.93]	80 lx (73 lx) [0.90]
Module 60 wallwasher (A= 1.20m, B= 0.90m)	65 lx (61 lx) [0.84]	72 lx (68 lx) [0.85]	85 lx (81 lx) [0.86]	104 lx (99 lx) [0.86]	112 lx (108 lx) [0.88]	50 lx (45 lx) [0.84]

E_{max} (E_{av}) [illuminance uniformity]

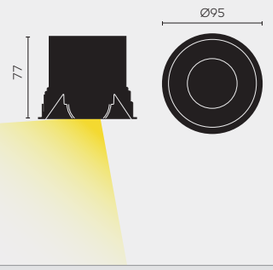
Reflection values: ceiling=70%, wall=50%, floor 20%; maintenance factor 0.8

A=90; B=90

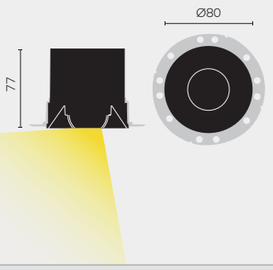


kreon wallwashing

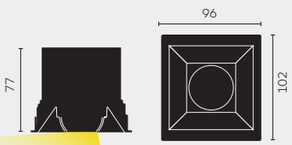
aplis 80 wallwasher



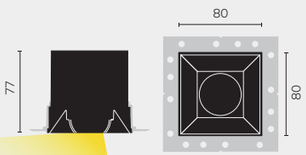
aplis in-line 80 wallwasher



down 80 wallwasher



down in-line 80 wallwasher

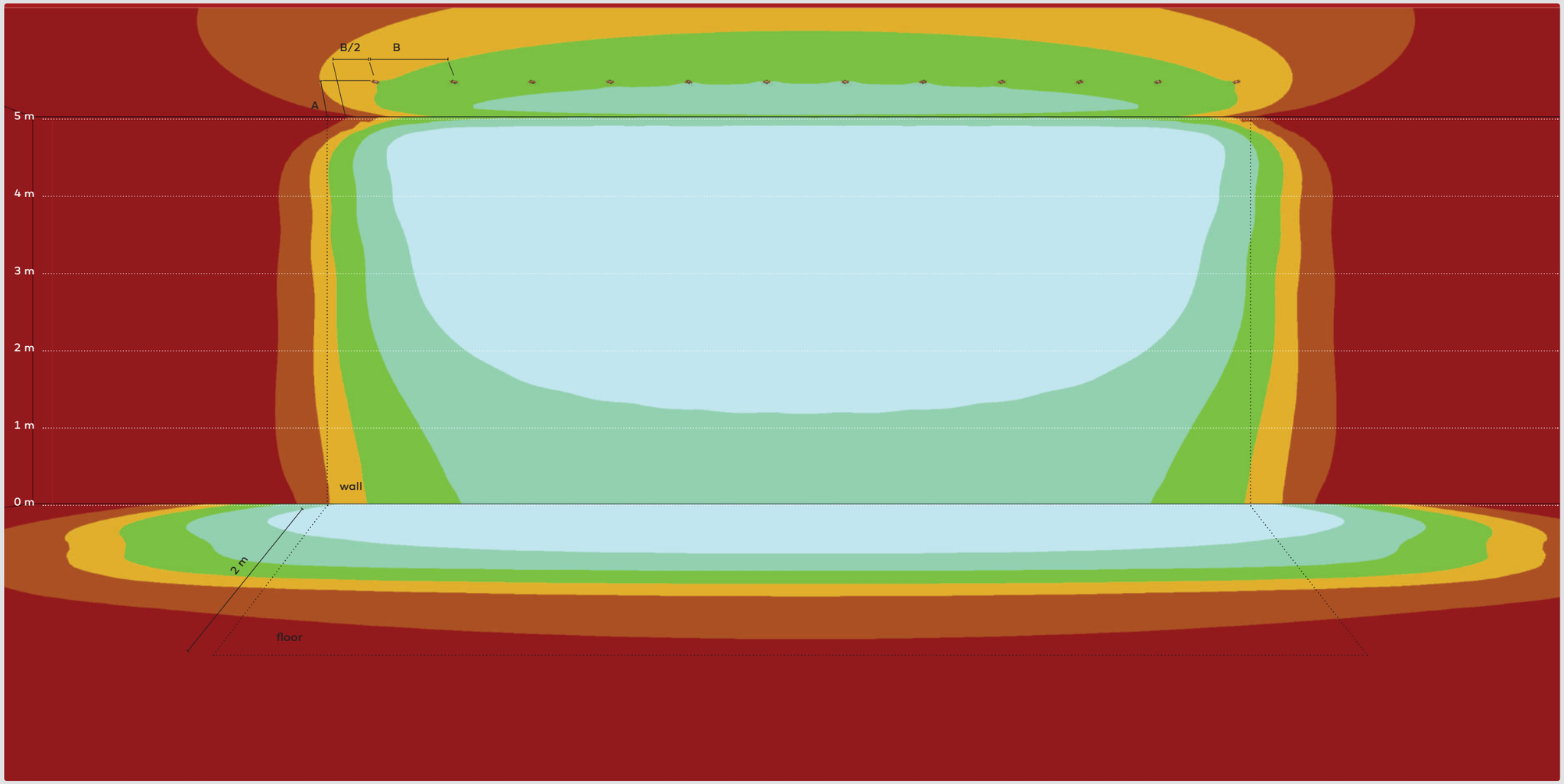


	0m	1m	2m	3m	4m	5m
Module 80 wallwasher (A= 0.75m, B= 0.75m)	40 lx (37 lx) [0.79]	46 lx (43 lx) [0.79]	67 lx (65 lx) [0.84]	108 lx (105 lx) [0.90]	159 lx (156 lx) [0.93]	156 lx (152 lx) [0.96]
Module 80 wallwasher (A= 0.90m, B= 0.90m)	36 lx (34 lx) [0.81]	43 lx(41 lx) [0.82]	62 lx (59 lx) [0.87]	91 lx 88 lx) [0.91]	121 lx (118 lx) [0.93]	95 lx (93 lx) [0.96]
Module 80 wallwasher (A= 0.90m, B= 1.20m)	41 lx (39 lx) [0.80]	49 lx(47 lx) [0.82]	65 lx (63 lx) [0.87]	78 lx (75 lx) [0.88]	93 lx (91 lx) [0.90]	61 lx (59 lx) [0.94]

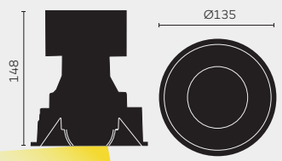
E_{max} (E_{av}) [illuminance uniformity]

Reflection values: wall=70%, ceiling=50%, floor 20%; maintenance factor 0.8

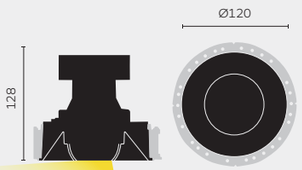
A=90; B=120



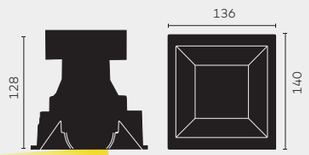
aplis 120 wallwasher



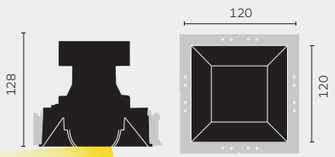
aplis in-line 120 wallwasher



down 120 wallwasher



down in-line 120 wallwasher

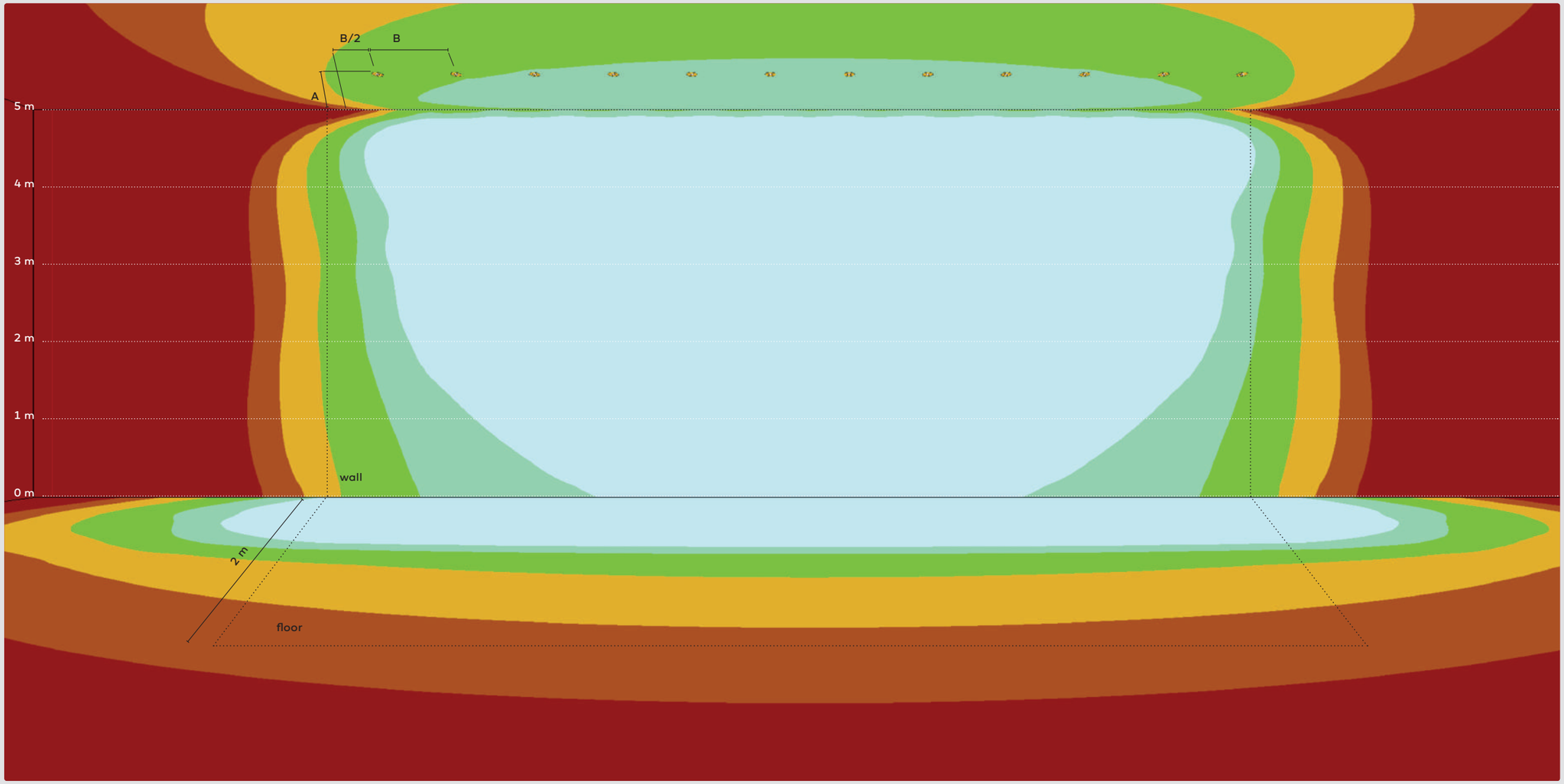


		0m	1m	2m	3m	4m	5m
Module 120 wallwasher (A= 0.75m, B= 0.75m)	Mod 120 HO	79 lx (74 lx) [0.80]	90 lx (86 lx) [0.79]	132 lx (127 lx) [0.84]	216 lx (210 lx) [0.90]	296 lx (280 lx) [0.92]	319 lx (300 lx) [0.96]
	Mod 120 LO	55 lx (52 lx) [0.80]	63 lx (60 lx) [0.80]	93 lx (89 lx) [0.84]	155 lx (151 lx) [0.90]	213 lx (203 lx) [0.92]	231 lx (218 lx) [0.95]
Module 120 wallwasher (A= 0.90m, B= 0.90m)	Mod 120 HO	71 lx (67 lx) [0.81]	84 lx (80 lx) [0.82]	122 lx (118 lx) [0.87]	182 lx (171 lx) [0.91]	207 lx (202 lx) [0.91]	199 lx (184 lx) [0.94]
	Mod 120 LO	50 lx (47 lx) [0.81]	59 lx (56 lx) [0.82]	86 lx (83 lx) [0.86]	129 lx (124 lx) [0.92]	144 lx (140 lx [0.91]	143 lx (137 lx) [0.93]
Module 120 wallwasher (A= 0.90m, B= 1.20m)	Mod 120 HO	80 lx (76 lx) [0.81]	97 lx (93 lx) [0.83]	129 lx (124 lx) [0.86]	150 lx (146 lx) [0.89]	184 lx (179 lx) [0.89]	119 lx (112 lx) [0.91]
	Mod 120 LO	56 lx (53 lx) [0.80]	66 lx (63 lx) [0.81]	93 lx (89 lx) [0.86]	110 lx (106 lx) [0.89]	125 lx (121 lx) [0.88]	87 lx (84 lx) [0.91]

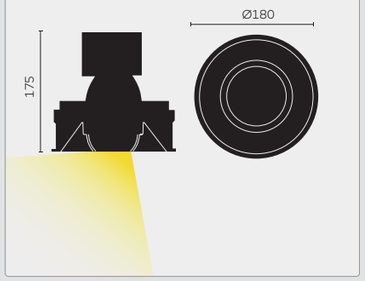
E_{max} (E_{av}) [illuminance uniformity]

Reflection values: wall=70%, ceiling=50%, floor 20%; maintenance factor 0.8

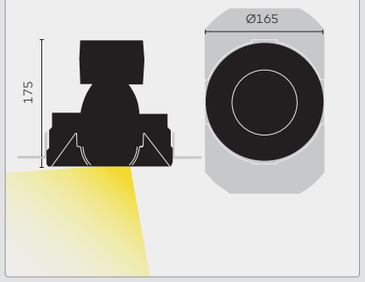
A=90; B=120



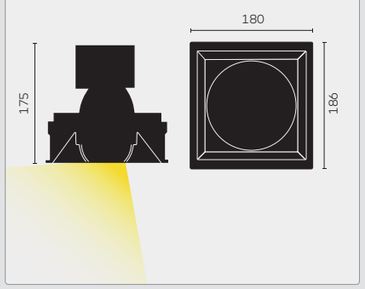
aplis 165 wallwasher



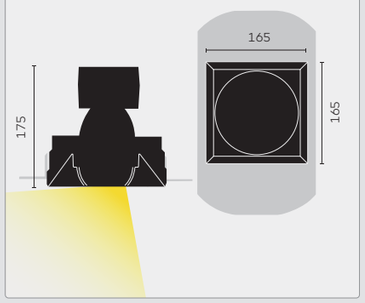
aplis in-line 165 wallwasher



down 165 wallwasher



down in-line 165 wallwasher

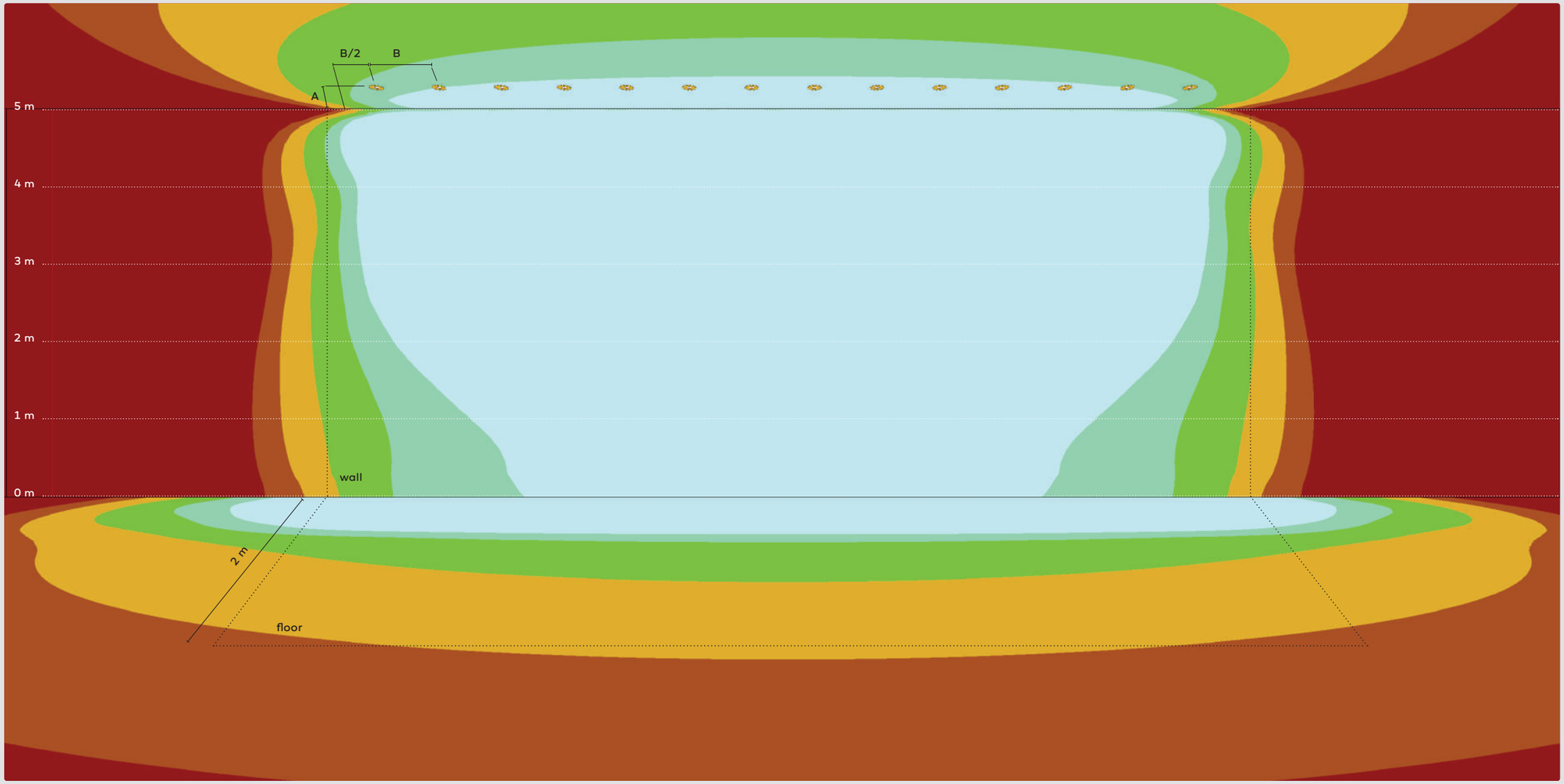


		0m	1m	2m	3m	4m	5m
Module 165 wallwasher (A= 0.75m, B= 0.75m)	Mod 165 HO	83 lx (79 lx) [0.80]	93 lx (99 lx) [0.80]	131 lx (126 lx) [0.86]	189 lx (184 lx) [0.91]	236 lx (227 lx) [0.91]	310 lx (293 lx) [0.96]
	Mod 165 LO	72 lx (68 lx) [0.80]	80 lx (76 lx) [0.81]	113 lx (109 lx) [0.86]	160 lx (155 lx) [0.91]	196 lx (189 lx) [0.91]	265 lx (254 lx) [0.96]
Module 165 wallwasher (A= 0.90m, B= 0.90m)	Mod 165 HO	75 lx (71 lx) [0.81]	85 lx (82 lx) [0.83]	115 lx (111 lx) [0.88]	146 lx (141 lx) [0.92]	179 lx (172 lx) [0.90]	193 lx (179 lx) [0.93]
	Mod 165 LO	64 lx (61 lx) [0.81]	73 lx (71 lx) [0.83]	98 lx (95 lx) [0.88]	122 lx (119 lx) [0.92]	149 lx (145 lx) [0.90]	166 lx (156 lx) [0.94]
Module 165 wallwasher (A= 0.90m, B= 1.20m)	Mod 165 HO	82 lx (78 lx) [0.81]	94 lx (90 lx) [0.83]	109 lx (106 lx) [0.86]	119 lx (115 lx) [0.89]	162 lx (157 lx) [0.88]	113 lx (108 lx) [0.90]
	Mod 165 LO	79 lx (67 lx) [0.81]	80 lx (77 lx) [0.83]	92 lx (89 lx) [0.86]	99 lx (96 lx) [0.88]	138 lx (134 lx) [0.87]	95 lx (92 lx) [0.91]

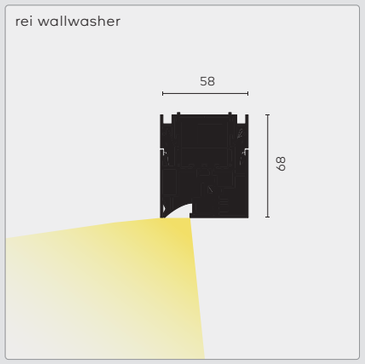
E_{max} (E_{av}) [illuminance uniformity]

Reflection values: wall=70%, ceiling=50%, floor 20%; maintenance factor 0.8

A=75; B=75



rei wallwasher

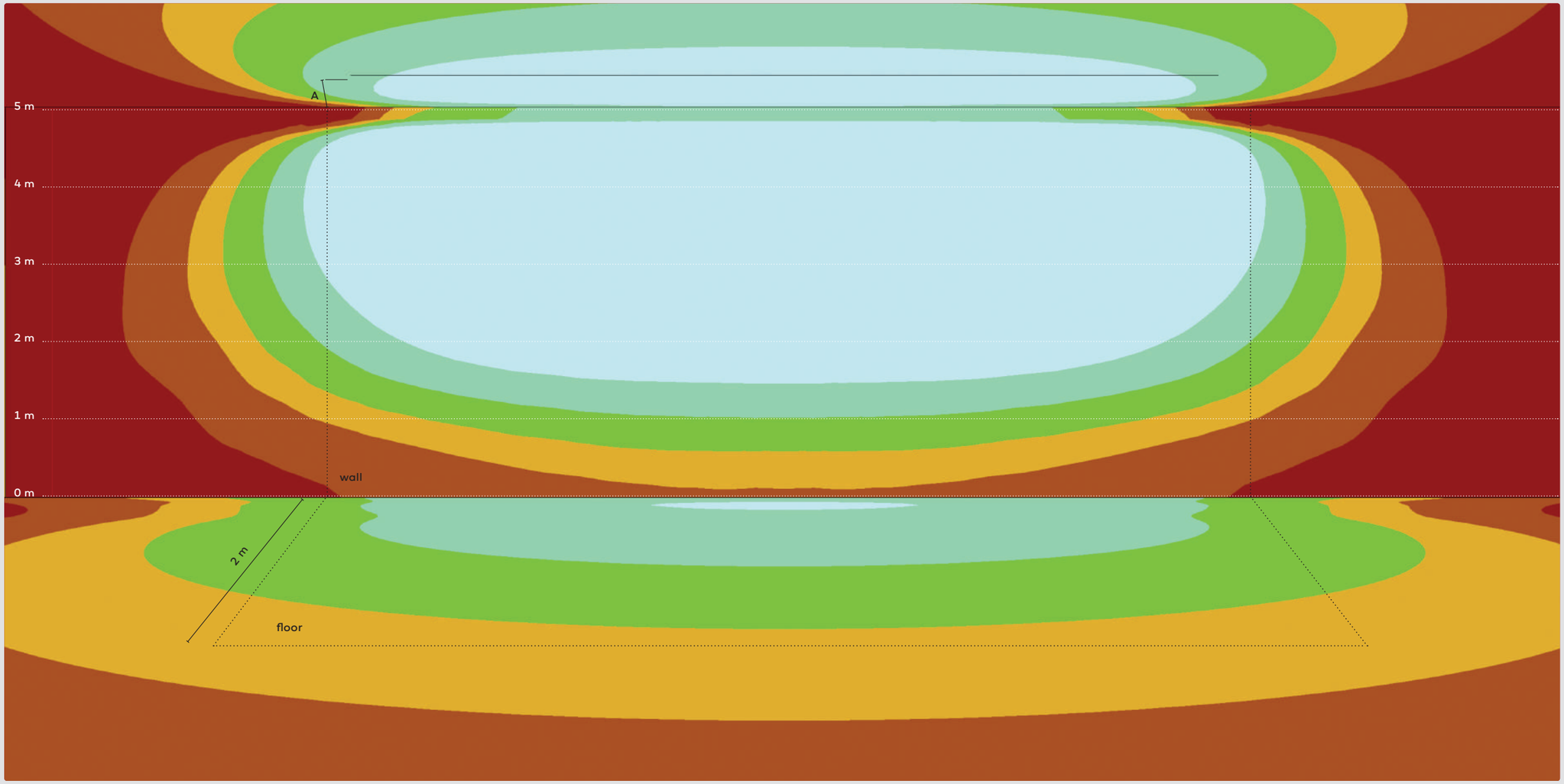


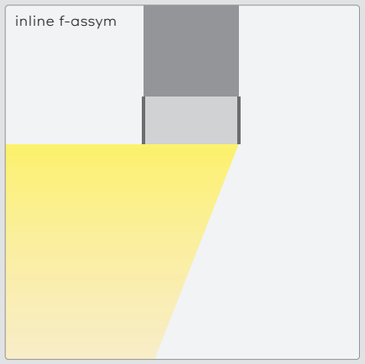
	0m	1m	2m	3m	4m	5m
rei wallwasher (A= 0.90m)	12 lx (11 lx) [0.87]	20 lx (18 lx) [0.81]	65 lx (60 lx) [0.75]	175 lx (164 lx) [0.76]	430 lx (418 lx) [0.83]	61 lx (58 lx) [0.87]
rei wallwasher (A= 1.00m)	13 lx (13 lx) [0.86]	24 lx (22 lx) [0.80]	84 lx (78 lx) [0.75]	188 lx (177 lx) [0.76]	410 lx (398 lx) [0.82]	48 lx (46 lx) [0.77]
rei wallwasher (A= 1.10m)	15 lx (14 lx) [0.86]	31 lx (29 lx) [0.78]	98 lx (91 lx) [0.75]	98 lx (91 lx) [0.75]	390 lx (377 lx) [0.81]	38 lx (36 lx) [0.73]
rei wallwasher (A= 1.20m)	17 lx (16 lx) [0.85]	41 lx (38 lx) [0.77]	107 lx (99 lx) [0.75]	202 lx (190 lx) [0.76]	370 lx (356 lx) [0.81]	34 lx (29 lx) [0.78]

E_{max} (E_{av}) [illuminance uniformity]

Reflection values: wall=70%, ceiling=50%, floor 20%; maintenance factor 0.8

A=110



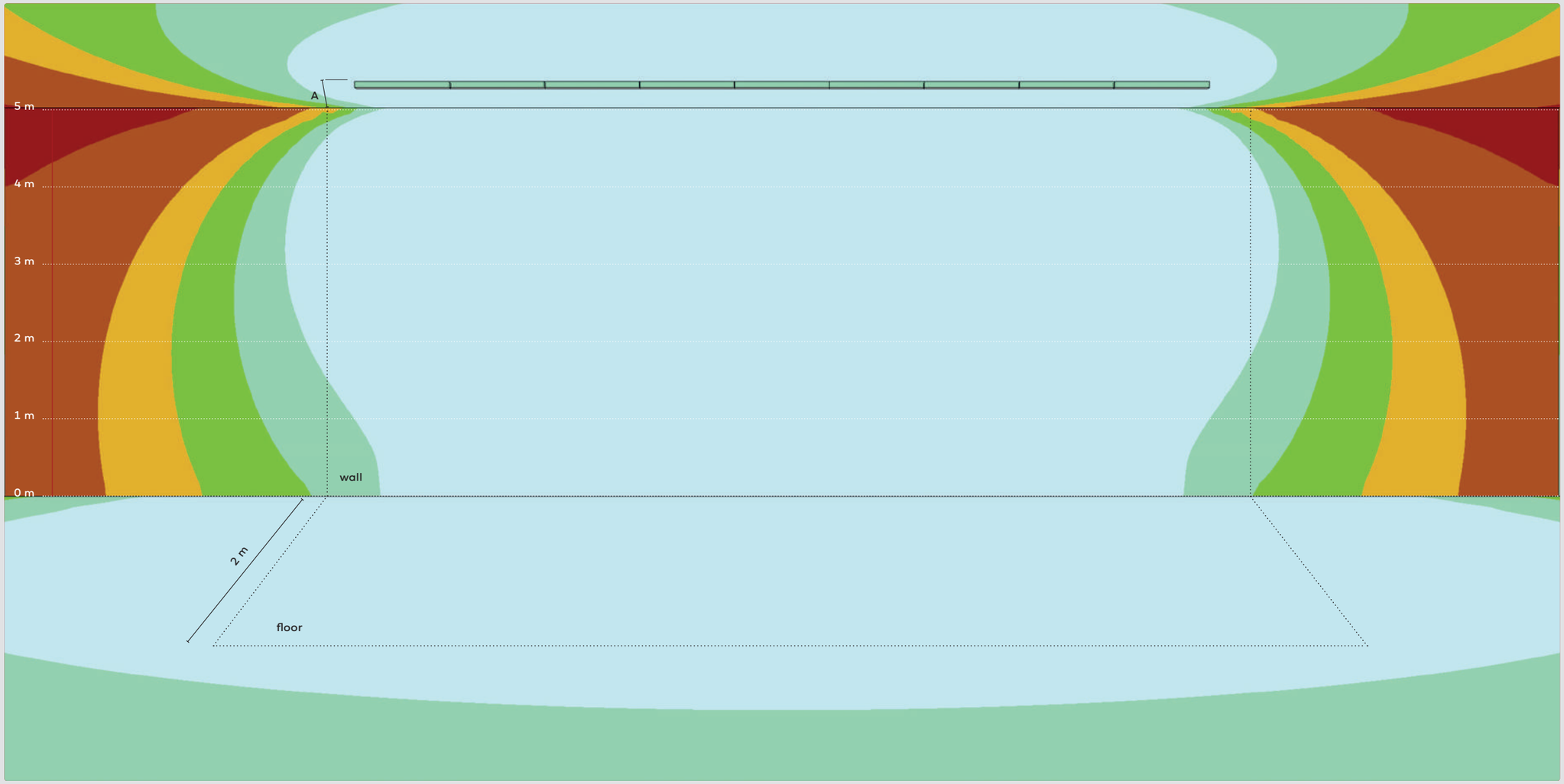


		0m	1m	2m	3m	4m	5m
inline (A= 0.90m)	inline HO	87 lx (80 lx) [0.78]	111 lx (102 lx) [0.75]	177 lx (165 lx) [0.76]	304 lx (291 lx) [0.79]	613 lx (601 lx) [0.87]	264 lx (257 lx) [0.91]
	inline HE	49 lx (44 lx) [0.77]	62 lx (56 lx) [0.75]	99 lx (92 lx) [0.76]	170 lx (162 lx) [0.79]	346 lx (339 lx) [0.87]	173 lx (168 lx) [0.92]
inline (A= 1.20m)	inline HO	104 lx (95 lx) [0.77]	134 lx (123 lx) [0.75]	204 lx (190 lx) [0.76]	320 lx (304 lx) [0.78]	489 lx (477 lx) [0.85]	170 lx (164 lx) [0.88]
	inline HE	58 lx (53 lx) [0.77]	74 lx (68 lx) [0.75]	114 lx (106 lx) [0.76]	179 lx (170 lx) [0.78]	278 lx (271 lx) [0.85]	108 lx (105 lx) [0.87]

E_{max} (E_{av}) [illuminance uniformity]

Reflection values: wall=70%, ceiling=50%, floor 20%; maintenance factor 0.8

A=90

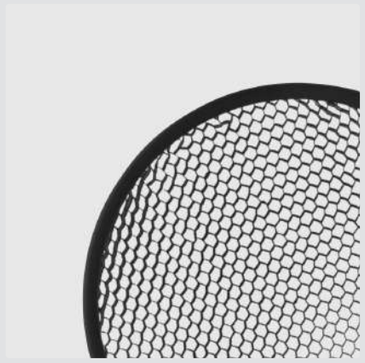


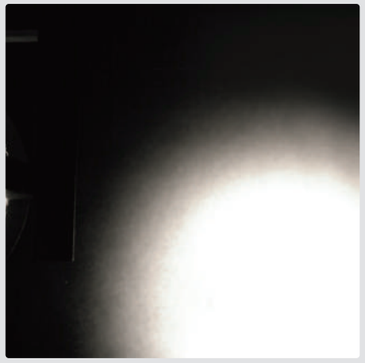
kreon louvres & lenses

Shape your light

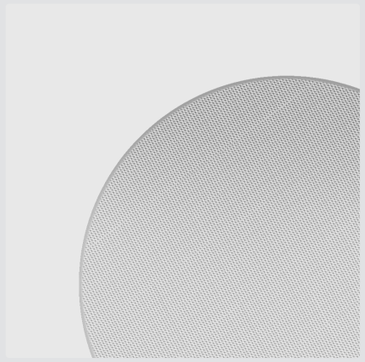
kreon tools of light are products in their simplest forms, architectural objects that communicate with space, regardless of style, where luminance and illumination are leading. They combine design with efficiency. To optimise the visual comfort, kreon offers a range of interchangeable louvres and lenses, available for almost every single source kreon luminaire, to shape the light distribution in relation to the application.

antiglare louvre



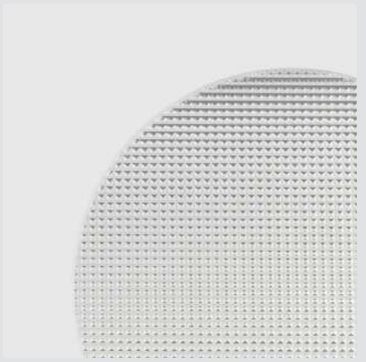


softening lens



sculpture lens
Use in combination with spot reflector.

diffusing lens



kreon connectivity

Connectivity

The Internet of things (IoT), internet connectivity and interaction between devices and everyday objects that can be remotely managed, can no longer be ignored in home and building automation. More and more smart concepts make it possible to wireless monitor and control different appliances such as lighting fixtures, blinds, cameras and others. Wireless lighting control has several operational advantages, helps saving on energy consumption, maintenance and repair costs and allows tailormade programming.
For example, when combined with motion and daylight sensors.

Bluetooth

All kreon tools of light LED fixtures can be equipped with Bluetooth lighting controls that can operate with different building management systems.

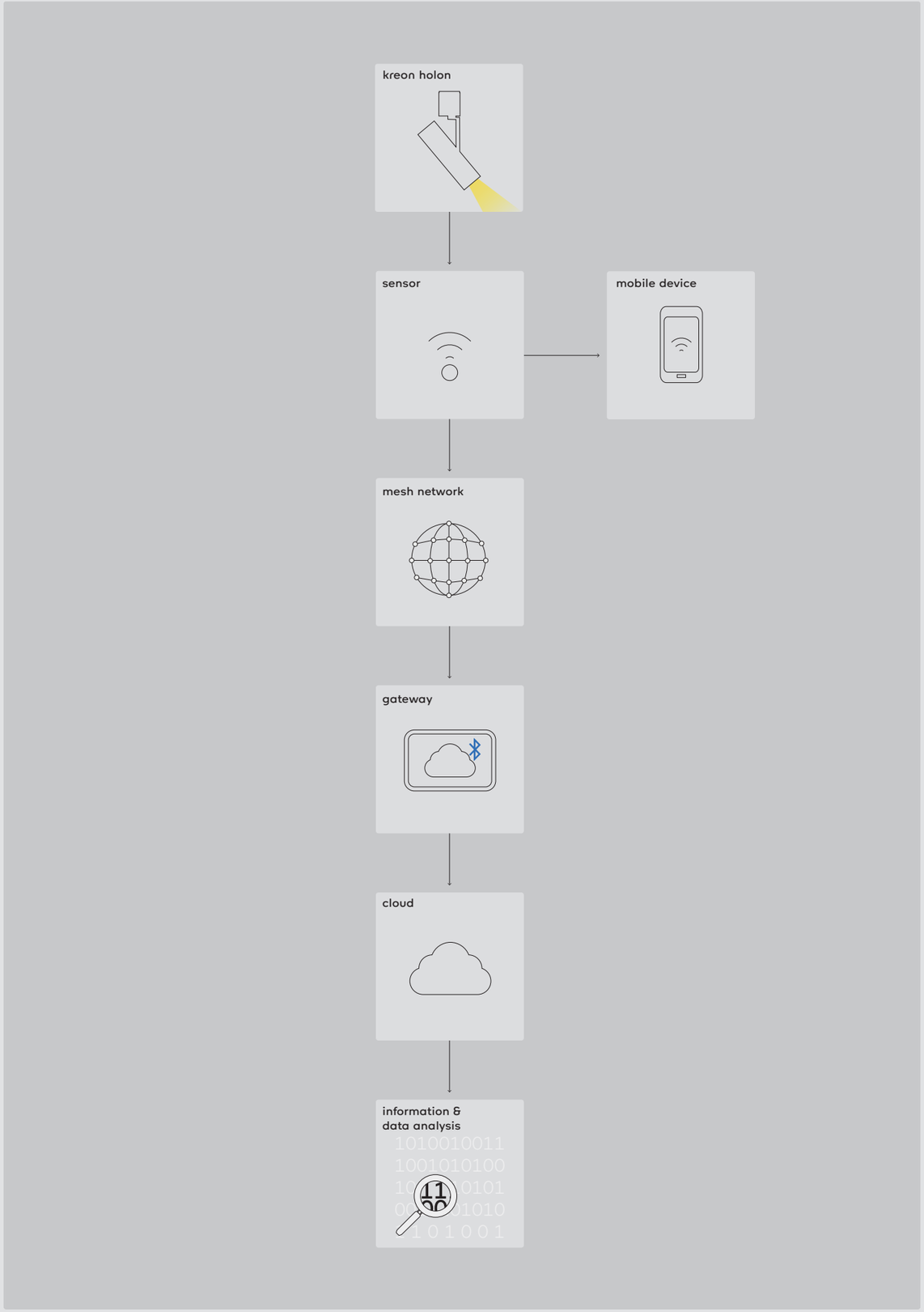
Casambi

kreon esprit as well as kreon updown and kreon twilight 360 are standard available with Casambi.

Advantages

- no dedicated control wiring needed
- energy saving
- control on individual fixture level
- reduced installation cost
- immediate response
- connectable with Bluetooth switches and sensors

For more information on kreon Bluetooth or Casambi applications, please contact your local kreon lighting consultant.

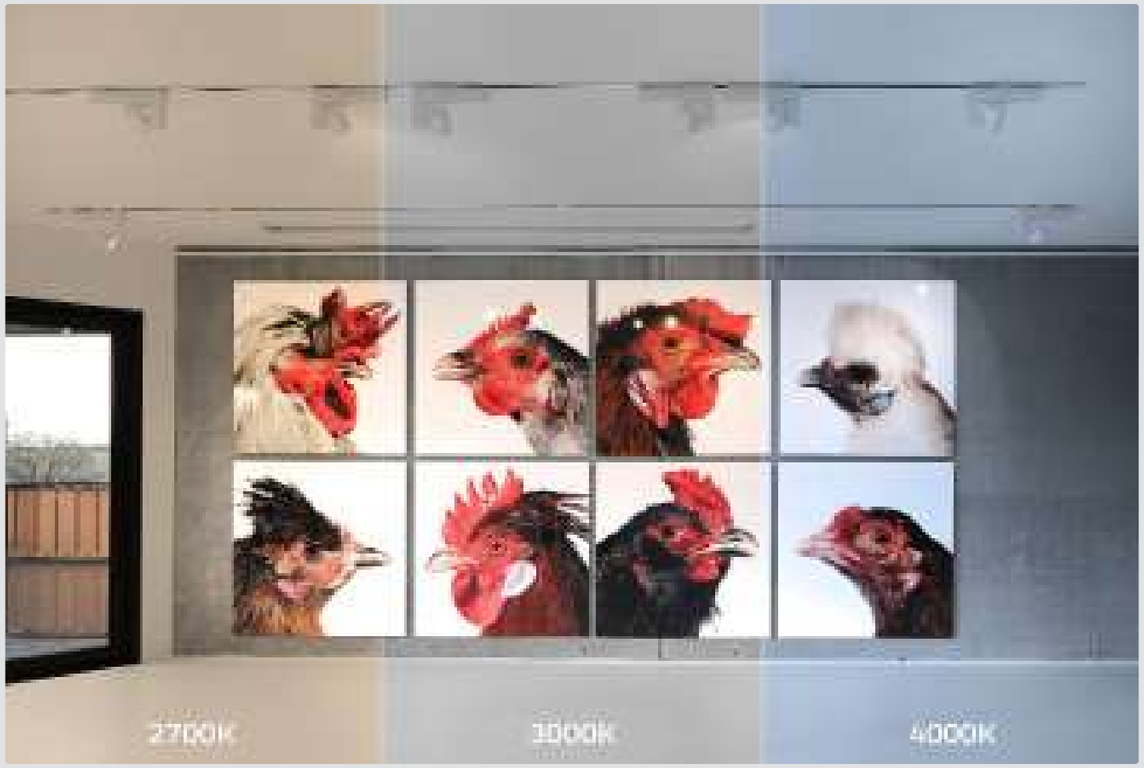


kreon cct/cri

Of course, when working on a lighting design, you take your time when it comes to choosing light sources. It's a choice that is not always obvious. You should of course take into account parameters such as power usage (Watts), energy consumption (kWh), light output (Lumens) and lamp life performance. But do you also take into account the correlated color temperature (CCT) or the color rendering index (CRI)?

Correlated Color Temperature (CCT)

Color temperature, expressed in degrees Kelvin, indicates whether your light source will emit rather hot or cold light and is a choice that best depends on the functionality of the room. A space in which someone will primarily perform functional tasks rather demands a higher color temperature resembling daylight (4000-5000 K). If lighting in a room revolves all around creating a specific atmosphere, you could opt for a lower color temperature (2000-3000K) or warmer light. LED lights come in a very wide range of colors. kreon offers 2700K-300K & 4000K as standard to most of the collection.



kreon cct/cri

Color Rendering Index (CRI)

The CRI indicates how accurate a light source displays the colors of an object. The higher the CRI the more natural a color will look. In the lighting industry color rendering index is a universal benchmark to distinguish between the vibrancy, naturalness and saturation of colors.

CRI does not say everything

Each lighting product is subjected to a CRI test, assigning a score (Ra) between 1 and 100, with 100 being the light of the reference lamp, a light bulb. Both the test light and the reference light are aimed onto 8 color samples, excluding red. With each color the test light is assigned a score according to the similarity to the color sample being illuminated by the reference light. The average of these 8 scores is considered the CRI of this lamp. The limitations of this test method have led to 2 major misconceptions. Light sources with the same CRI show the same result. You don't know which color samples show the biggest deviation. A light source with a higher CRI, by definition, produces a more beautiful result than a light source with a lower CRI. It is not exceptional that a lamp with a CRI of 70 creates a much more enjoyable effect than one with a CRI of 85.

LED lighting became a game changer

Recently scientists from the lighting industry revolutionized this test method and TM-30-15 (TM stands for testing method) quickly became a more accurate way of measuring lighting quality. The update to TM-30-15 was done through 2 major changes: The number of color samples used in the test was increased from 8 to 99, including red. In addition to an improved color fidelity (Rf), the similarity of color under the test light versus the reference light, color gamut (Rg) was introduced: an index for the saturation or intensity of the displayed colors. The direct result of TM-30-15 is that it provides us with much more information and enables lighting designers to make better choices.

kreon ceiling solutions

Project Born & Meyer
Location Luxembourg

Architect Thillens & Thillens
Photographer Serge Brison

Ceilings usually have an indistinctive character in the space surrounding us. In daily life, as well as in architecture, they are seldom noticed. kreon ceiling solutions will make these anonymous surfaces come alive: structure, relief and symmetric shadow gaps support the architectural rhythm of space whilst creating effects like rest, order... or even chaos.

Design

kreon creates and designs ceiling systems that give every space its own unique personality.

Integration

kreon systems offer full integration of all building service systems:

- Acoustic solutions (sound absorption & attenuation)
- Lighting (ambient lighting, downlights, projectors, ...)
- Ventilation & Climate control (cooling & heating)
- Audio (highly efficient integrated speakers)

kreon products are 100% compatible with each other and not only meet the relevant building standards but also exceed them in many cases.

Project management

At every stage of your project, we can be the single point of contact for all parties involved.
You can count on our full support during:

- Initial design and specifications
- Planning and coordination
- Execution

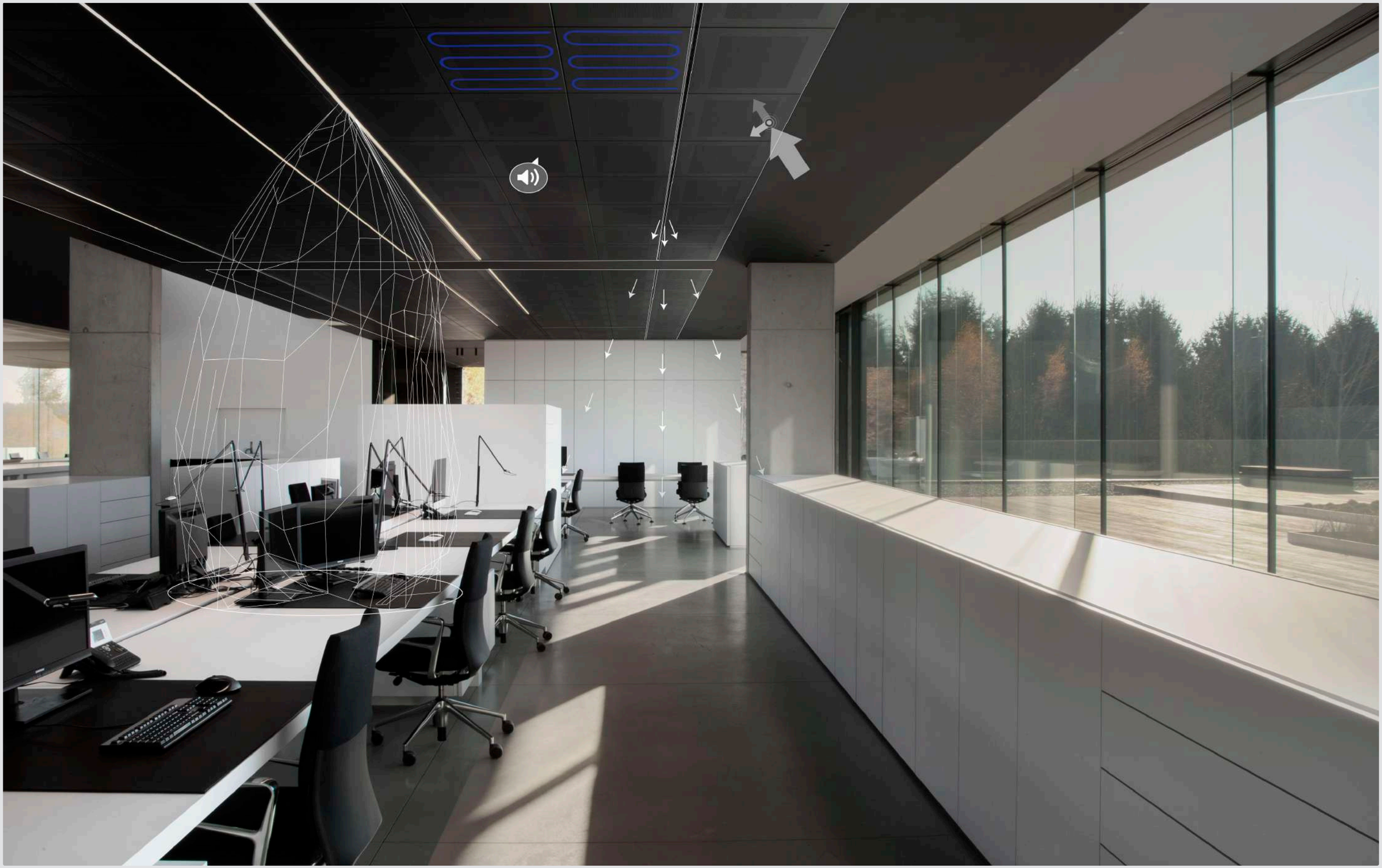
Our consultants work on applications of every kind: from stadiums, airports, offices, to healthcare projects and beyond.

Environment

kreon ceiling solutions deliver the environmental results you need for your projects, from achieving energy savings with highly efficient LED luminaires, simplifying waste management by recycling, and enhancing indoor environmental quality with acoustics. kreon Ceiling solutions are BREEAM and LEED compliant.

kreon ceiling solutions

Illumination Audio Climate Ventilation Acoustics



kreon creative spaces

Project kreon headquarters
Location Oudsbergen, Belgium

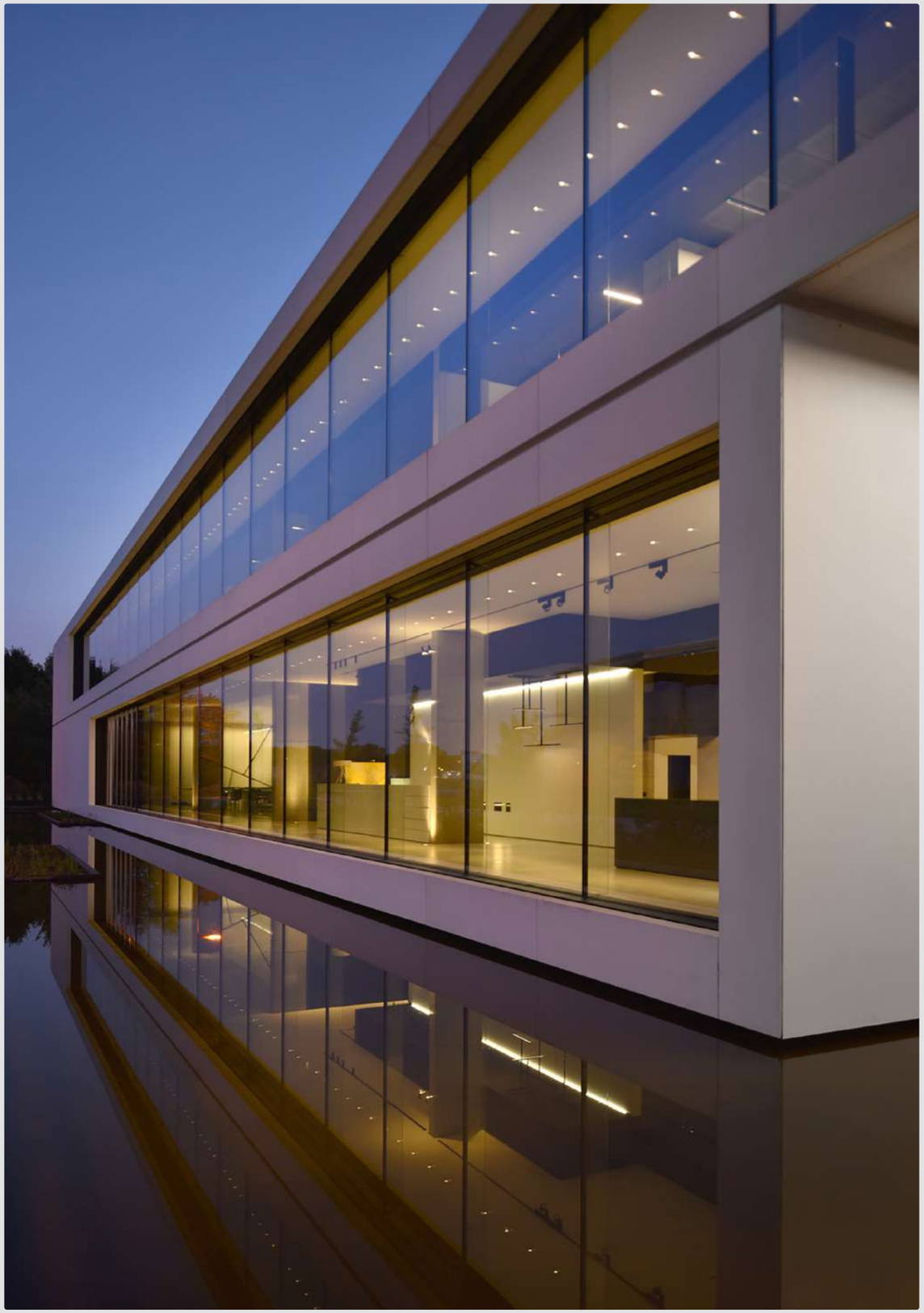
Architect kreon / Conix RDBM Architects
Photographer Serge Brison

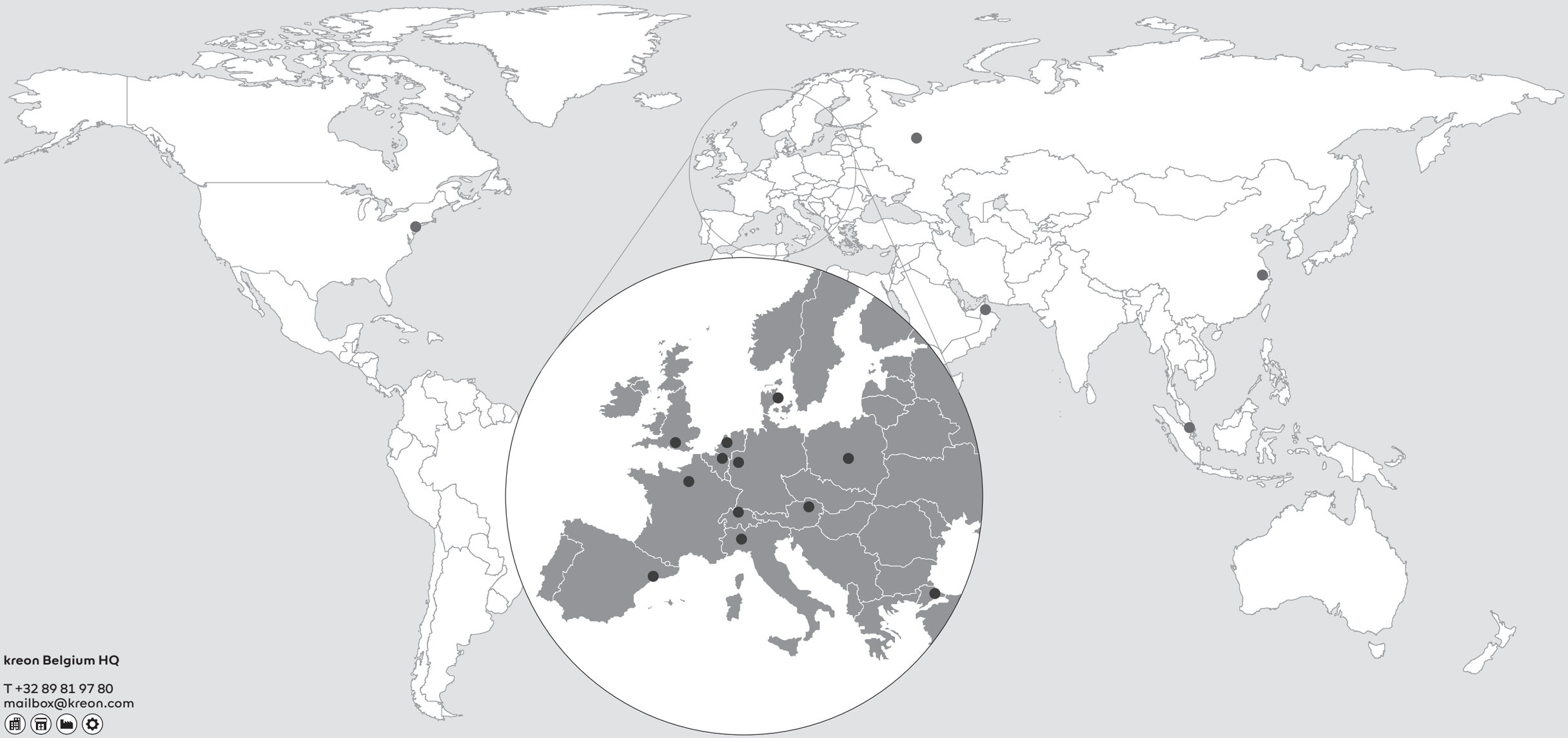
kreon plays a leading role in the world of architectural lighting and makes every effort to share this vision with its professional audience. Our showrooms are more than just a presentation of luminaries.

The kreon creative spaces are the perfect translation of the company's identity. Minimal, yet architectural kreon tools of light where proportions and the relation between colour and surface present our lighting solutions in a minimalistic and refined aesthetics. kreon creative spaces emphasize our vision to unite light and architecture.

These showrooms provide flexibility in creating different scenes within a static environment thus impressing upon our clients the added value of lighting design. The subliminal message of the space is that kreon provides good solutions with aesthetically pleasing products, instilling a need in our clients to consider the organization as a whole with added value.

kreon creative spaces are meeting points where specifiers and lighting designers are welcome to share and discuss the importance of lighting as a creative extension of architecture with the professional kreon lighting consultants.





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office
creative space
production facility
research & development

kreon light consultancy

Project Private residence
Location Cannes, France

Photographer Serge Brison

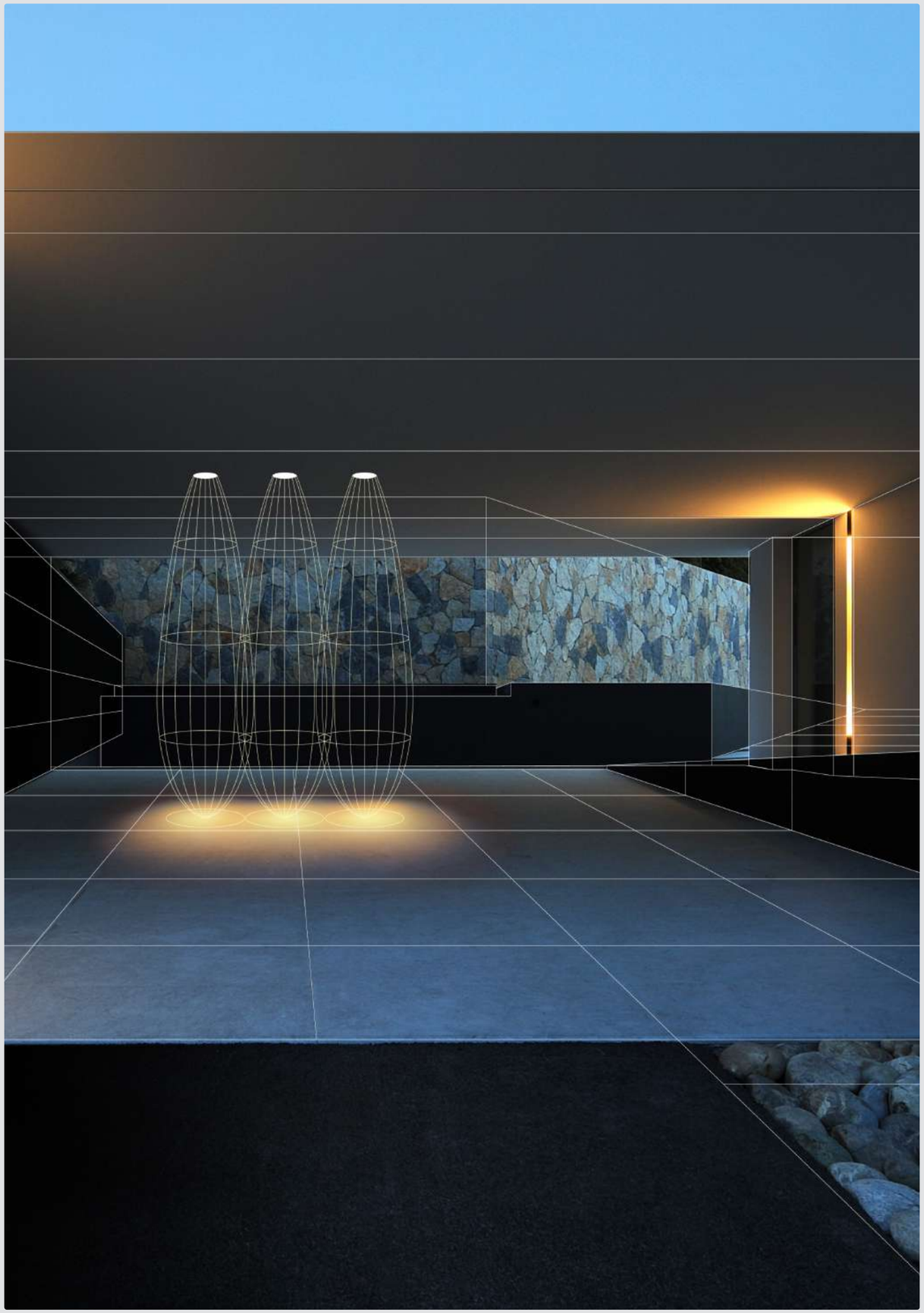
Evolutions in techniques and technology have made lighting design crucial for the realisation of an architectural project. The possibilities have become endless. However, seamless integration into modern architecture becomes more complex with the day and requires knowledge.

Lighting design has become a creative extension of architecture. The main objective of lighting in an architectural design can be deduced to compliment the present shapes and colours. In recent years, there has been a broad interest in light, lighting and lighting design among designers throughout the world, but also among architects. One of the main reasons behind this, is the growing awareness of the fact that architecture has become more thoughtful and increasingly uses free forms. This also increases the need for quality architectural lighting. Standardized light concepts might still meet the more static architecture of the recent past, but the variation we see in contemporary architecture requires diverse and distinctive possibilities in terms of lighting.

An architect has no need for lighting devices, but for light, atmosphere and comfort. The product should be minimally present in the architecture and should be kept in the background, so the light can steal the show. Not the luminaire. Successfully integrating lighting in your design requires knowledge and insights about products, technologies and especially about the effects and impact of light.

Because kreon always starts from the architectural design, we can enter into a dialogue with the architecture as an equal partner. kreon lighting consultancy, helps you creating the perfect conditions under which the beauty of your design can come to the surface in the most optimal way.

The kreon professional lighting consultants are happy to share and discuss with specifiers and lighting designers the importance of lighting as a creative extension of architecture



kreon light consultancy

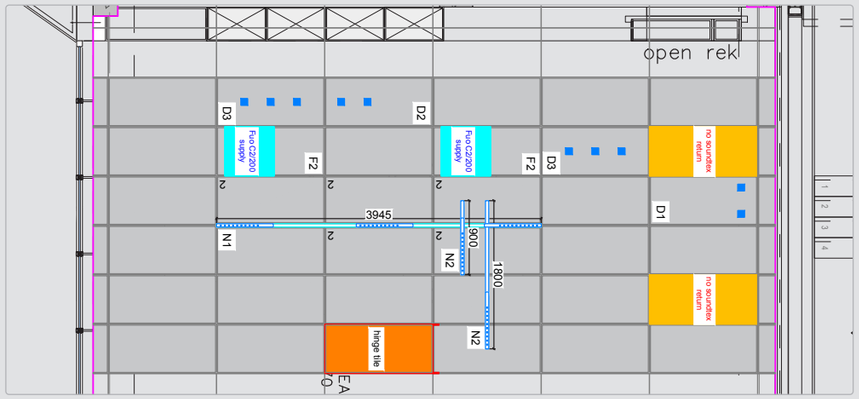
Lighting is an active component in spatial design. Illuminating a space is a quest for light quality. Light shows what is important: an object, a structure, a rhythm or a pattern both inside and outside the architecture. Therefor architecture is the formal basis for the kreon identity. Since 1983 our product range evolved in a swinging movement into a changing architectural framework through brutalism and structuralism to postmodernism and minimalism. Only this is constant: light as a structural material of the architectural development

Key aspects of this architectural framework are:

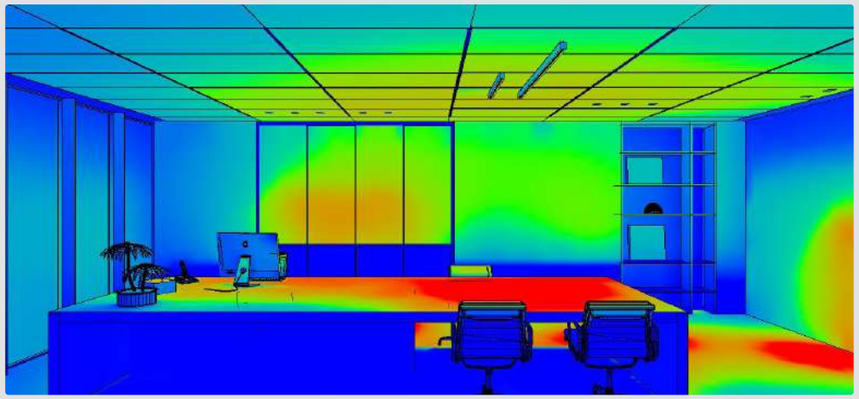
- Material as decoration
  - High quality, low glass paint
  - Natural, untreated materials
- Repetition as a system
  - Repetition in light plan
  - Repetition in lighting fixture
- Uniformity in structure
  - Simplicity and clarity in lighting plan
  - Formal and/or technical uniformity in the product

- Light to see - ambient light
- Light to focus on an object - focal glow
- Light to look at - play of brilliance

Light plan

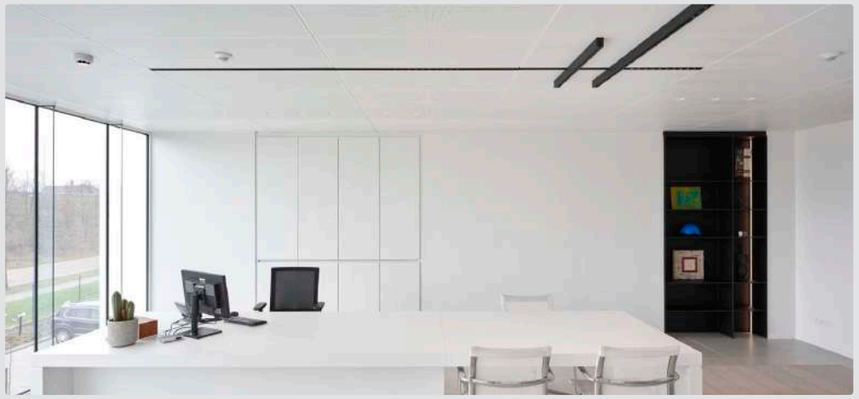


Pseudo colours



3D visualisation

Realisation



kreon light lab

Project kreon headquarters
Location Oudsbergen, Belgium
Architect kreon / Conix RDBM Architects
Photographer Serge Brison

Meeting the standards
kreon focuses on the quality of all products as well as on service towards our professional clients. This can only be obtained by integrating all national and European quality standards, for as far as the product standards enec 60598 and CE are concerned and the ISO 9001-certificate.

All existing products as well as all new developments are being ENEC certified and comply with CE regulations and other existing standards. To meet these standards the presence of a professional laboratory is essential.

The kreon laboratory houses:

A fully equipped type C goniophotometer for measuring the luminous flux and luminous intensity distribution of the kreon and fixtures and translate them into LDT and IES files.

A termal test unit used for measuring and controlling the operatonal temperature and the life performance parameters of the different LED engines applied in our fixtures.

A constant climate chamber to run specific stress - and material tetst in which temperature and humidity are modified automatically at set times.

kreon degrees of protection

IP classification

	Degree of Protection against penetration of solids
IP 0X	No-Protection
IP 1X	Protection against solid objects greater than 50mm Ø
IP 2X	Protection against solid objects greater than 12mm Ø
IP 3X	Protection against solid objects greater than 2.5mm Ø
IP 4X	Protection against solid objects greater than 1mm Ø
IP 5X	Protection against limited ingress of dust without interference in operation
IP 6X	Protection against any ingress of dust

	Degree of Protection against penetration of liquids
IP X0	No-Protection
IP X1	Protection against vertically dripping water
IP X2	Protection against vertically dripping water up to 15° from vertical
IP X3	Protection against spraying water up to 30° from vertical axis
IP X4	Protection against spraying water from any direction
IP X5	Protection against jets of water from any direction
IP X6	Protection from powerful jets of water with limited ingress with no harmful effect
IP X7	Protection against total immersion in water for limited periods
IP X8	Protection against total immersion in water under pressure for an indefinite period Max. depth shown in metres IPX8 ...m

Attention: Unless otherwise stated, protection is not guaranteed when placing our lighting fixtures in coastal environments.

IK classification

	Level of shock resistance according to CEI EN 50102
IK 00	No-Protection
IK 01	Protection against 0,15 J shocks
IK 02	Protection against 0,2 J shocks
IK 03	Protection against 0,35 J shocks
IK 04	Protection against 0,5 J shocks
IK 05	Protection against 0,7 J shocks
IK 06	Protection against 1 J shocks
IK 07	Protection against 2 J shocks
IK 08	Protection against 5 J shocks
IK 09	Protection against 10 J shocks
IK 10	Protection against 20 J shocks

Protection class	Symbol	Meaning	Advice
I		Luminaires with earth connection to which all touchable metal parts have to be connected so that they can take up voltage immediately in case of an error.	Connection to the mains protective conductor is mandatory. The symbol is fixed to the connection point.
II		With luminaires belonging to this class, no metal parts which could take up voltage immediately in the event of an error are to be touchable (protective insulation or double insulation).	Lamp may have no earth connection or be connected to the mains protective conductor.
III		Luminaires for use with protective low voltage, i.e. with voltages below 50V, that is generated with a safety transformer in accordance with VDE 0551 or with batteries or accumulators.	

Project J.Lalli Resort
Location Hangzhou, China

Architect JIE Architects
Photographer Shen Photography

belux is committed to providing optimal solutions for complex lighting requirements both in the contracting sector and in private residential environments. For this purpose, belux develops, produces and markets innovative lighting instruments that are distinguished by modern, energy-efficient lighting technology, functional design, high-quality materials and meticulous fabrication. belux regards lighting as a key element of interior design, which must therefore fulfill the highest functional and aesthetic demands.

Lighting products by belux stand for long-lasting quality, guaranteed by a superior product culture on every level. belux lighting fixtures are manufactured with a passionate attention to detail. This is evident in the selection of premium materials as well as the extraordinary care that goes into the actual production process, which involves a comparatively high degree of precise hand craftsmanship. The belux product range consists primarily of standard production models. Customised products can be made to order if required, especially for projects in the contract sector.

belux maintains lasting business relationships with upmarket retailers and suppliers. As one of its many services, the company provides professional planning advice for specific lighting needs to both lighting experts and quality-conscious end customers.

Lighting products by belux are developed in close collaboration with external designers, whose conceptual and creative ideas are merged with the company's expertise in lighting technology and manufacturing know-how. The starting point for research and development is usually a functional need or technical innovation. The aim is to achieve surprising lighting solutions that are convincing not only with regard to their functional qualities and technical sophistication, but also due to their attractive appearance.

The belux product range contains a series of office luminaires. For more information, go to belux.com

kreon general information

General information

All information in this catalogue is non-binding, supersedes all previous information, and is subject to amendment at any time. kreon has the right to change the technical specifications of its products at any time without prior notice. kreon terms and conditions are applicable at all times. No part of this catalogue may be reproduced without written authorisation from kreon.

Specifications

Because of the constant improvement of its products, kreon reserves the right to modify the characteristics of such products without prior notice.

Fixtures

Unless otherwise mentioned, all products are delivered with a LED lightsource. The indicated maximum power specified must under no circumstances be exceeded.

Lumen output data

The mentioned lumen outputs are the fixture lumen measured at room temperature using standard luminaires with, unless otherwise indicated or not available, flood optics and white finishes, for CRI80 and 2700K

Dimensions

Unless otherwise indicated, all dimensions are specified in millimetres.

Labels

Each product is labelled, specifying the equipment number of the article, its serial number, the type of light source and its maximum power.

Patents/trademarks

kreon holds patents on all products and all product names are registered trademarks.

Liability

kreon products are manufactured in compliance with CE regulations and current standards in force and are delivered with assembly instructions. Each and every modification applied to the product after purchase and/or failure to comply with the assembly instructions may result in the loss of characteristics and in a dangerous situation for its user. kreon disclaims all liability for products subjected to any modification whatever or for which the assembly instructions are not complied with. kreon cannot be held liable for any technical errors in this catalogue.

Guarantee

kreon products are manufactured with maximum care from high-quality materials. Every product is subjected to strict quality control. kreon guarantees this product (light sources exempt) for a period of 12 months from the date of purchase.

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kreon koi-q/s by Naoto Fukasawa for belux, 2017
kreon inline by Michel Charlot for belux, 2012
kreon lifto by Jo Niemeyer for belux, 1984
kreon twilight360 by Samantha & Joe Ritschl-Lassoudry for belux, 2018
kreon updown by reto Schöpfer for belux, 1996
kreon ypsilon by Hannes Wettstein for belux, 1999

COLOPHON

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Coordination Catalogue
kreon

Printer
Graphius, Gent, (B)

Typeface
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kreon Tabular

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Munken Lynx

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