

kreon holon 60

Date: _____ Customer: _____

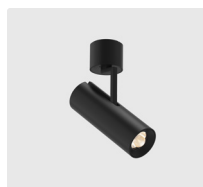
Project: _____

Type: _____ Qty: _____

directional recessed



directional surface mount



fixed



fixed deco



pendant



directional on-track



fixed on-track



wallwasher on-track



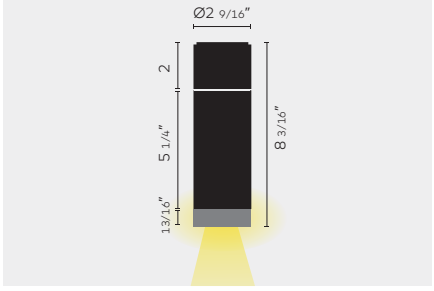
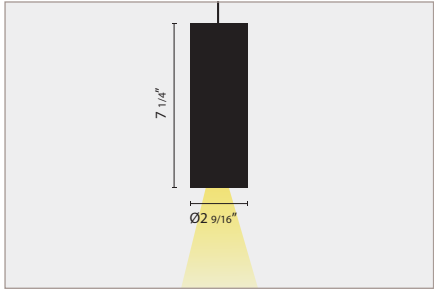
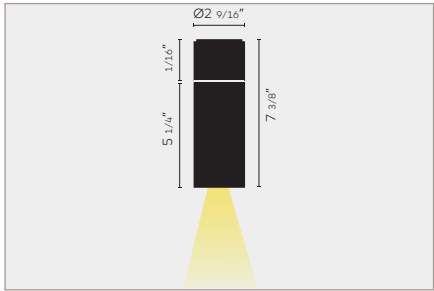
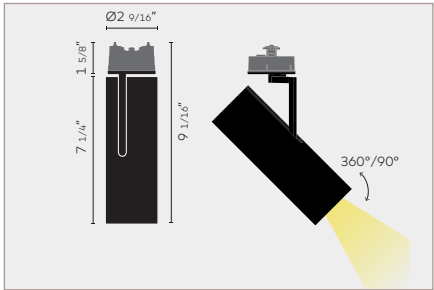
KUHOL60_____-_____-_____-_____-_____-_____-_____-_____-_____

kreon holon 60 (monopoint)	mounting	fixture finish ⁴	beam angle	CCT	CRI	dimming	voltage	driver location
HOL60 ¹ Holon 60, low louver	DRR ^{2,3} Directional recessed mount	WH White	SSP – Super Spot 18°	27 – 2700K 30 – 3000K 35 – 3500K 40 – 4000K WD - warm dim (1800K to 3000K)	90 CRI90+ 95 CRI95+	D1 – Triac Phase Dim (10%) D2 – 0-10V dim (10%) D2LD – 0-10V Dim (1%) D3 -2– Lutron Hi- Lume Dim to 1% for 2-wire; 120VAC D3 -3– Lutron Hi-Lume Dim to 1% for 3-wire D3-ECO– Lutron SoftOn/ Fade to Black EcoSystem dimming (1%) D4 – EldoLED 0-10V dim to dark (0%)	120 - 120V 277 - 277V	RM – all holon 60 are remote Driver (Multiple luminaires per driver available dependent on dimming and lumen package)
HOL60DEEP ¹ Holon 60, deep recessed louver	DRSG ^{2,3} Directional recessed w/ shadowgap	BLK Black	SP – Spot 34°					
HOL60DECO ^{1,8} Holon 60, deco (only available in fixed)	DS Directional surface mount FX Fixed surface mount		FL – Flood 54° WFL – Wide flood 69° (only available with low louver)					
HOL60T Directional, fixed, and wallwasher w/ 48V magnetic track (see 48V track specifications)	PESF Pendant mount fixed, stem PESD Pendant mount directional, stem PECF Pendant mount cable fixed		See page 6-7 for details on lumen output					

Ordering Example: HOL-60-DRS-DWF-WH-SP-SO-27-80-D1-IN-DL

- 1 remote driver; please see page 9 for driver box information
- 2 only for plaster ceilings
- 3 suitable for installation in ceiling thickness between 3/8" to 1"
- 4 consult factory for custom RAL finish color options
- 5 lumen package designate module lumens, CRI, beam angle and optional accessories will all impact light output
- 6 only available for the following mounting - FX, PESF, PECF

kreon holon 60



Description

Holon's timeless design enables this fitting to find application in a vast range of projects. The simple and yet strong geometrical form earns its place in residences, office lobbies, corridors, meeting rooms and other public areas.

Holon 60, the larger counterpart of Holon 40, is a product range of directional spotlights and downlights. Various options in LED colour temperature, beam angles, lenses and drivers are available to optimize the desired light effect for each project, either residential, commercial, or hospitality.

Holon 60 directional rotates 360° and tilts up to 90°. The hinge of Holon 60 directional is permanently tensioned, allowing the luminaire to remain at any angle, from 0° to 90°, while allowing effortless adjustment.

In addition to the directional spotlight, this product range comes with another variety: Holon 60 fixed and holon 60 pendant. These downlight is designed for rooms that embrace the language of form of this luminaire, but don't require an adjustable luminaire head.

Mounting

kreon holon 60 is a recessed, surface or pendant mounted spotlight with a fixed or directional rotational adjustment of 360° and an angular adjustment of 90°, which, when combined with the choice of spot, flood and wide flood TIR reflector, provides a truly versatile accent lighting tool. Suitable for installation on drywall, wood panel or grid ceilings with acoustic tiles.

Finish

The luminaires are available in black and white. RAL available on request, please consult factory

Optical system / LED's

L80 greater than 50,000 hours.

Color temperatures / CRI

2700K, 3000K, 3500K, 4000K. CRI 90+ and CRI 95+

Controls / Dimming

0-10V dimming, Dali, Phase Dimming, and on/off

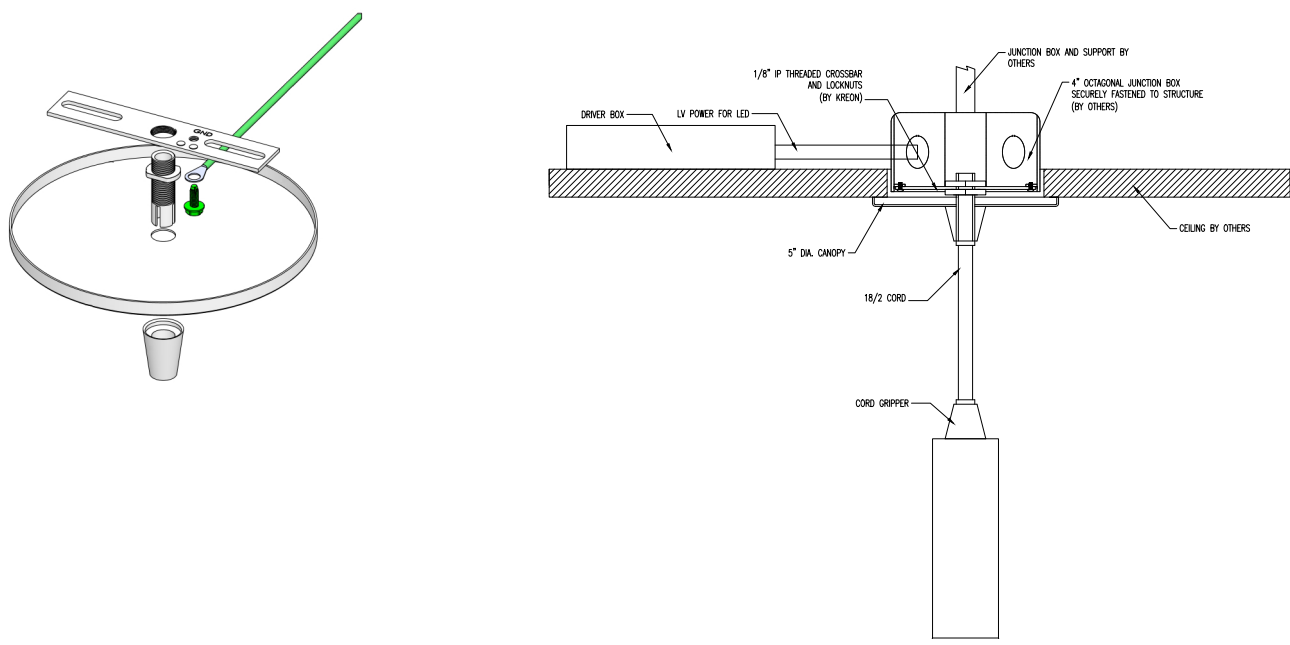
ETL / UL

Testing pending by ETL for installation in the US and Canada. IP20 rated.

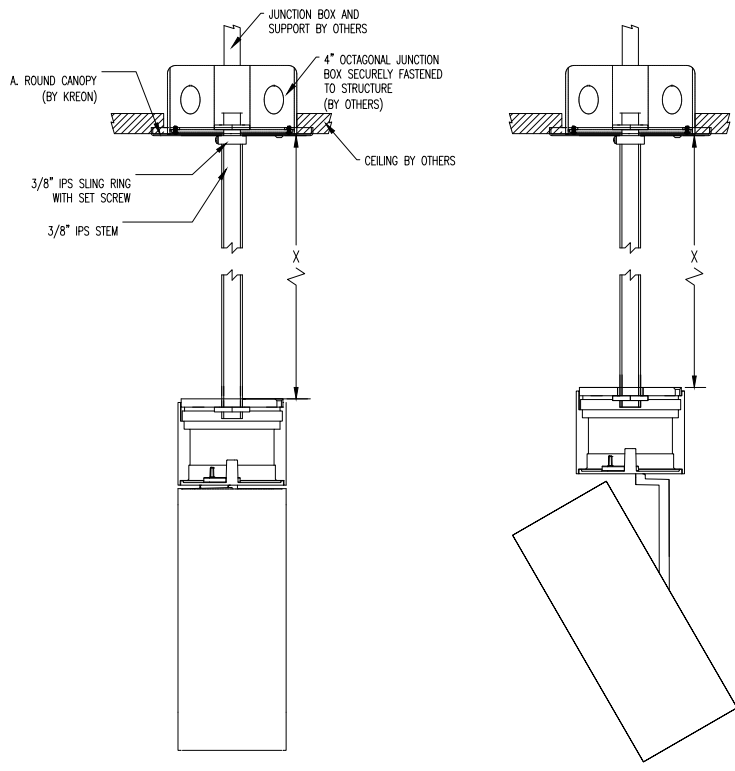


kreon holon 60

cable mounting



Stem mounting

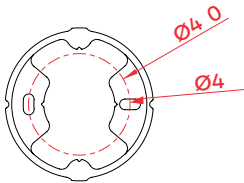


kreon holon 60

fixed mounting driver inclusive, sheetrock ceiling



Provide correct cabling, 18AWG solid wire



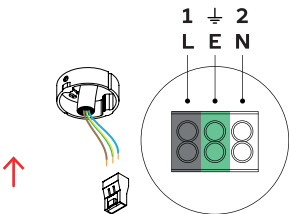
Drill holes according to the following template



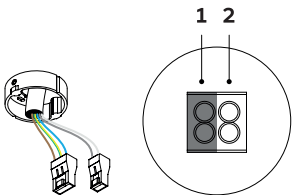
Insert plugs, not included



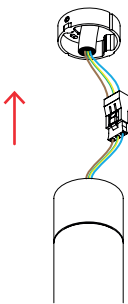
Install installation part, screws not included



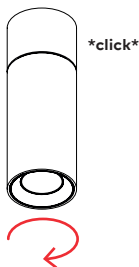
Strip the cables for 3/8 in. and insert in the corresponding terminal of the connector



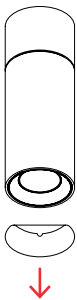
In case of DALI, connect DALI lines as well



Connect the connectors and place the fixture over the installation part



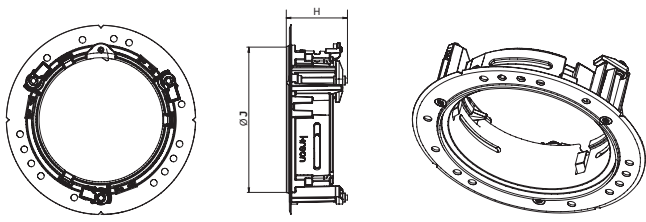
Rotate the fixture 30° clockwise until you hear an audible click



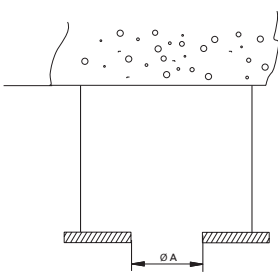
Remove protective film

kreon holon 60

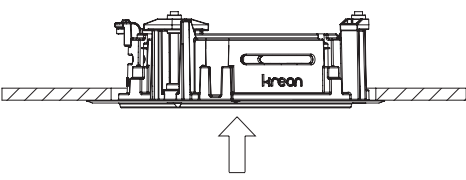
recessed mounting plasterkit, sheetrock ceiling



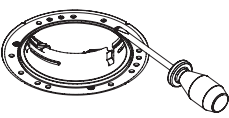
plasterkit



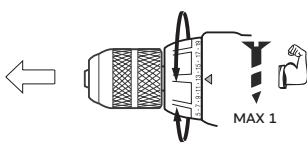
cut-out dimensions ØA: 3 1/4"



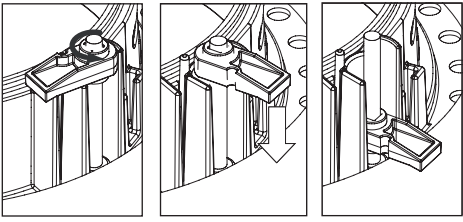
Put the plasterkit through the hole. Please make sure that sticker is removed before proceeding



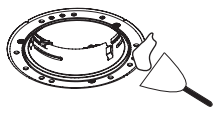
Fix the plasterkit with the screws.



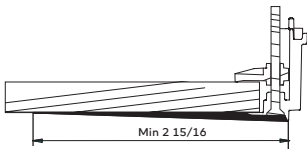
Assembling torque
max 20 cN.m.



Assembling principle



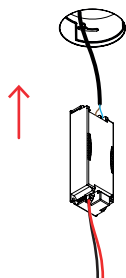
Fill around perimeter of plasterkit using suitable filler and plaster to hide screws and plasterkit



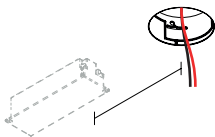
Minimum filler distance, spread out until zero.

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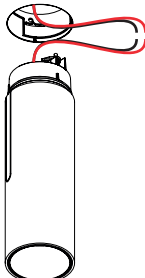
recessed mounting sheetrock ceiling



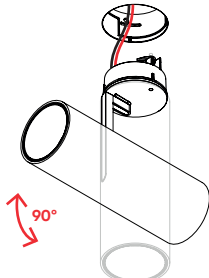
In case of gear, connect gear and place it on the ceiling



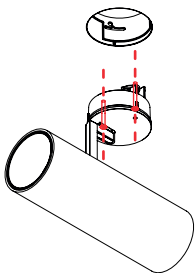
Make sure to respect minimum distance of 13/16 between driver and plasterkit



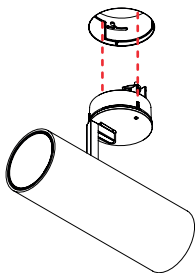
Connect the fixture



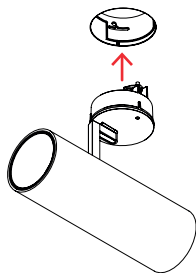
Incline the fixture 90°



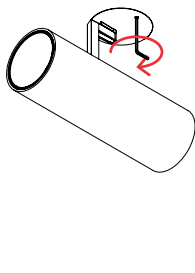
Make sure the holes are aligned with the screws on the back



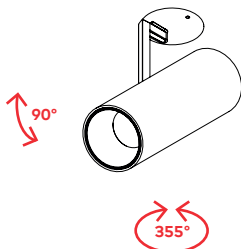
align installation part and plasterkit



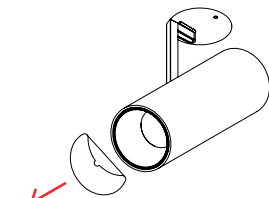
insert the fixture into the plasterkit



tighten the screws using the included allen key



aim the fixture in the desired direction



remove protective film

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Luminance combinations

Delivered lumens;

IES files available on www.kreon.com

gear excl, low louver

Beam Angle	CRI	Watts	Delivered Lumens	LM/W
SSP / SP	90+	10.2	808	79
SSP / SP	95+	10.2	727	71
FL / WFL	90+	18.5	1616	87
FL / WFL	95+	18.5	1454	79

gear excl, deep recessed louver

Beam Angle	CRI	Watts	Delivered Lumens	LM/W
SSP / SP	90+	10.2	788	77
SSP / SP	95+	10.2	709	71
FL / WFL	90+	18.5	1523	82
FL / WFL	95+	18.5	1370	74

warm dimming option

Beam Angle	CRI	Watts	Delivered Lumens	LM/W
SSP / SP	97+	10.2	730	72
FL	97+	11.9	823	69
WFL	97+	11.9	891	75

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Color rendering

Color Rendering Index (3000K Typical), 80+ CRI

	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
Standard series	91	91	94	97	92	91	93	91	80	55	87	93	84	92	98	87

Color Rendering Index (3000K Typical), 98+ CRI

	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
Artist series	98	97	99	997	97	97	97	99	97	95	99	95	89	97	97	97

RM – Gearbox Sizes for Remote Drivers

Control Selection	Driver	IC Box Dimensions
SW	On-Off	7"x2.375"x1.5" (LxWxH)
D1	Triac Phase Dimming (10%)	7"x2.375"x1.5" (LxWxH)
D2	0-10V Dimming (10%)	16.5"x2.48"x1.97" (LxWxH)
D2-LD	0-10V Dimming (1%)	16.5"x2.48"x1.97" (LxWxH)
D3-2	Lutron 2-Wire Dimming (1%)	19"x2.48"x1.97" (LxWxH)
D3-3	Lutron 3-Wire Dimming (1%)	19"x2.48"x1.97" (LxWxH)
D4	EldoLED dim to dark (0%)	16.5"x2.48"x1.97" (LxWxH)

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Photometry

holon 60 directional, recessed mounted, spot, gear excl.

KUHOL-60-DRR-WH-SSP-27-90

(low louvre)

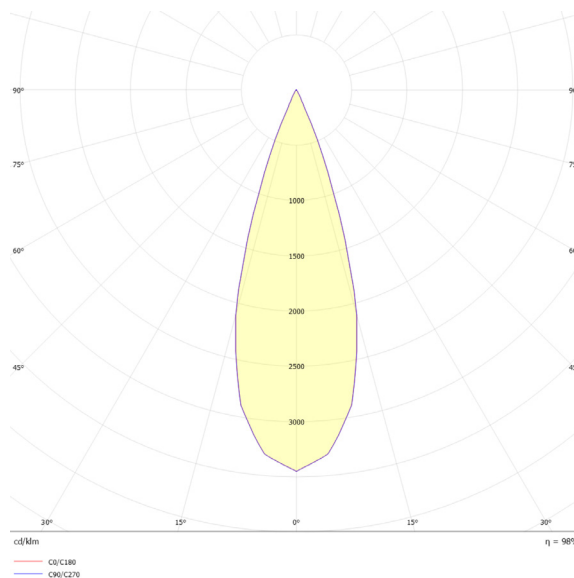
Light engine: 1060 lumens

CCT: 2700K

CRI: 90+

Power: 10W

Luminaire output: 808 delivered lumens
(80.83 lm/W)



holon 60 directional, recessed mounted, flood, gear excl.

KUHOL-60-DRR-WH-FL-27-90

(low louvre)

Light engine: 1720 lumens

CCT: 2700K

CRI: 90+

Power: 17W

Luminaire output: 1616 delivered lumens
(95.06 lm/W)

