kreon stock program — holon 40
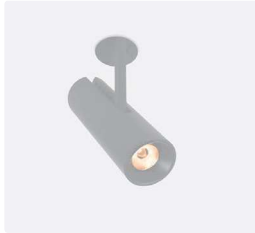
Date: _____ Specifier: _____

Project: _____

Type: _____ Qty: _____

Directional recessed	Directional surface mount	Fixed	Pendant	directional surface book

Gear box w/ single directional	Gear box w/ double directional

KUHOL40D	___SF___ - _____ - G1WFL	_____ - _____ - 80 - _____ - _____

kreon holon 40[1]	mounting	fixture finish	beam angle	ceiling type	CCT	CRI	dimming	accessories
HOL40D Holon 40 Directional	**RR** recessed mount	**WH** White	**SP** Spot 20° | 564lm delivered	**DW** Drywall/Sheet rock	**27** 2700K	**80** CRI80+	**D1 -** Phase dim (10%); 120VAC	**DL** diffusing lens
HOL40F Holon 40 Fixed	**SF** surface mount	**BLK** Black	**FL** Flood 30 ° | 558lm delivered	**WO** Wood panel	**30** 3000K	90 CRI90+	**D2 –** 0-10V dim (10%); 120/277VAC	**AG** anti-glare louver
HOL40B[2] Holon 40 Directional Book	**ST**[3] stem mount		**WFL** Wide flood 40 ° | 494lm delivered	**GR** Grid ceiling	**35**[6] 3500K		**D2LD –** 0-10V Dimming (1%); 120/277VAC	*Choice for pendant/ stem versions only*
HOL40T Directional w/ 48V magnetic track mount (see 48V track spec)	***Mounting for fixed versions only***		**NEW LFO Optics**				**D3 -2–** Lutron Hi-Lume Dim to 1% for 2-wire; 120VAC	**P1** painted white louver
	CA Pendant mount cable		**DL** Dark light 38° | 413lm delivered				**D3 -3–** Lutron Hi-Lume Dim to 1% for 3-wire; 120/277VAC	**P2** painted black louver
	Mounting for directional versions only		**WDL** Wide dark light 76° | 426lm delivered				**D3-ECO–** Lutron SoftOn/Fade to Black EcoSystem dimming (1%) 120/277V	**A5** Red copper louver
	GBS[4] Gear box w/ single directional		***black louver finish only***				**D4 –** EldoLED 0-10V dim to dark (0%); 120/277VAC	*Required for pendant cable only (PECF)*
	GBD[5] Gear box w/ double directional		**G1: WFL** Wide flood **55** °					**CJC** cable mount over juntion box
	Gearbox versions are surface mount and not for use with junction box							**CPL** cable mount with recessed plasterkit
								CSF cable mount with surface mount

1 Suitable for installation in ceiling thickness between 3/8" to 1".
2 book is a wall-mounted variation with a reinforced arm for intensive use
3 Stems are made to order and are not field cuttable.
4 Gearbox single only compatable with D1 integral dimming.
5 Gearbox double compatable with any integral dimming protocol.
6 Not available with Book Version (HOL40B) or LFO optics (DL & WDL)

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WHICH CAN BE FOUND HERE:
https://www.kreon.com/sites/default/files/us_spec_sheets/kreon_holon40_specs_sheet_v2.1.pdf
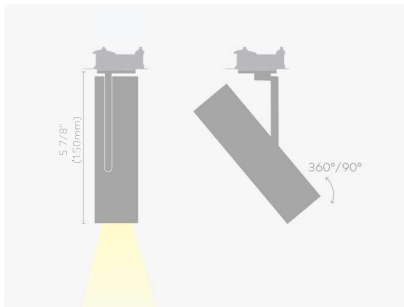
Directional Recessed

Directional Surface Mount

Fixed

Directional Book (new! with reinforced arm)
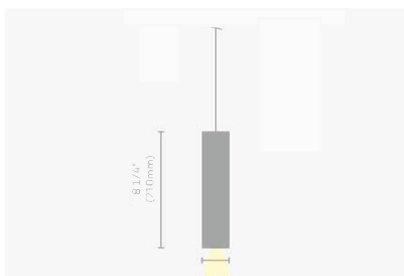
|	
Description	kreon holon directional is a recessed, surface or track mounted spotlight with a rotational adjustment of 360º and an angular adjustment of 90º, which, when combined with the choice of spot, flood and wide flood TIR reflector, provides a truly versatile accent lighting tool. The new directional book is designed with a more robust arm, for wall mounting where consistent repositioning is common. kreon holon 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.
Mounting	kreon holon 40 is a recessed, surface, pendant or track mounted spotlight with a fixed or directional rotational adjustment of 360º and an angular adjustment of 90º, which when combined with the choice of spot, flood, wide flood, darklight or wide darklight reflector, provides a truly versatile general or accent lighting tool. Use kreon holon fixed for to create pools or accents of light. kreon holon 40 book is a wall-mounted variation with a reinforced arm for intensive use. Suitable for installation on drywall, wood panel or grid ceilings with acoustic tiles.
Finish	The luminaires are available in black and white. Pendant version only has a choice of white, black or red satin copper louver finish. RAL available on request, please consult factory
Optical system / LED's	L80 greater than 50,000 hours.
Color temperatures / CRI	2700K, 3000K, 3500K	CRI 90+
Controls / Dimming	0-10V dimming, Dali, Phase Dimming, and on/off
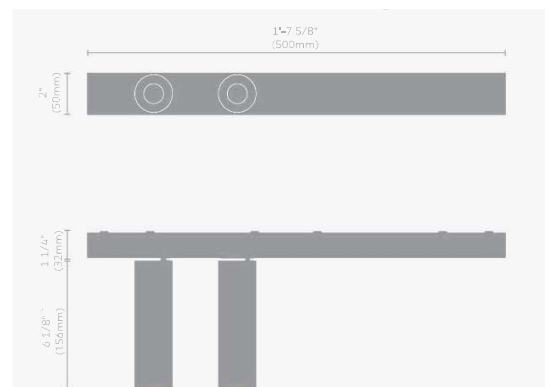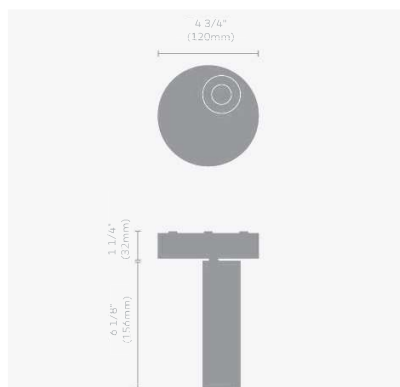
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https://www.kreon.com/sites/default/files/us_spec_sheets/kreon_holon40_specs_sheet_v2.1.pdf

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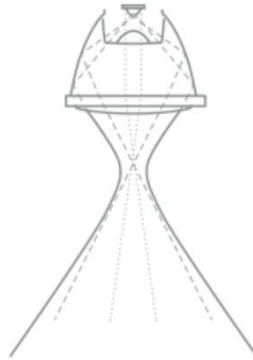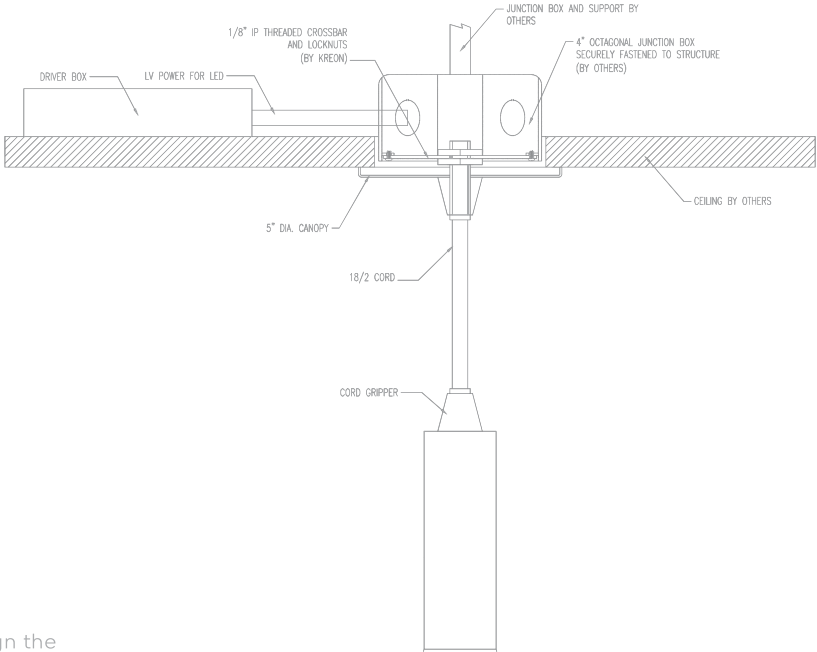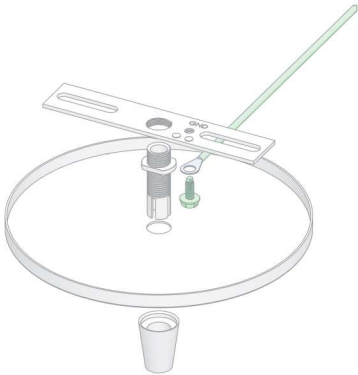20 Murray Hill Parkway, Suite 180
East Rutherford, NJ 07073

(201) 298-4448
quotes@kreon.com

www.kreon.com

KREON_HOLON40_SPECS_SHEET_V2.1_01/31/23

2

NEW Double Focus

kreon holon is a range of cylindrical luminaires ahcracterised by its compact form and deep set LED position, providing a subtle feeling of light without the uncomfortable sight of light. kreon holon 40 can provide a discreet yet functional solution to general or accent lighting within architecture. Finished in black for a dramatic ceiling contrat or pute white for a harmonious integration. kreon holon 40 is now available with a new double focus lens in combination with a dark light louver for a higher visual comfort

New LFO optic benefits:

- focal lens by Bartenbach Lichtlabor
- small size aperture of 8mm
- provides invisible light
- efficiency up to 65%
- beam angles: darklight 38deg.
  and wide darklight 76 deg.
- higher visual comfort
- IP40

cable mounting over junction box

JUNCTION BOX AND SUPPORT BY OTHERS

1/8" IP THREADED CROSSBAR AND LOCKNUTS (BY KREON)

4" OCTAGONAL JUNCTION BOX SECURELY FASTENED TO STRUCTURE (BY OTHERS)

DRIVER BOX

LV POWER FOR LED

CEILING BY OTHERS

5" DIA. CANOPY

18/2 CORD

CORD GRIPPER

optional holon pendant recessed plasterkit

insert cover and louver in the plasterkit. Align the three springs with the slots and click the louver in the plasterkit. Cable always available in black only.

installation

recessed mounted

surface mounted gear excl.
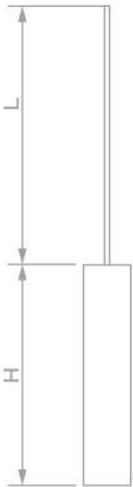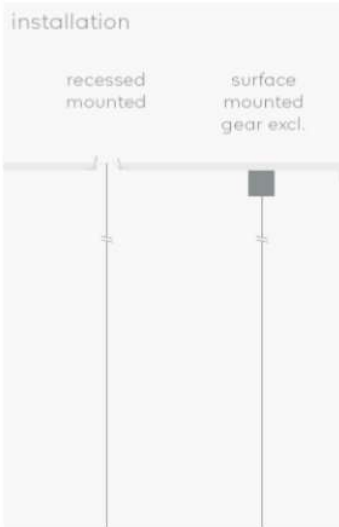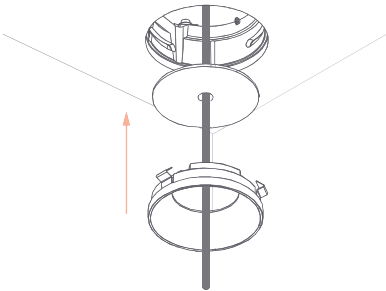
name	Ø D / H	L
PECF	1 ¾" (45mm) x 8 ¼" (210mm)	9ft 10" (3000mm) field adjust.

optional louver finishes for holon 40 pendant

fixture is available in white or black finish. Three

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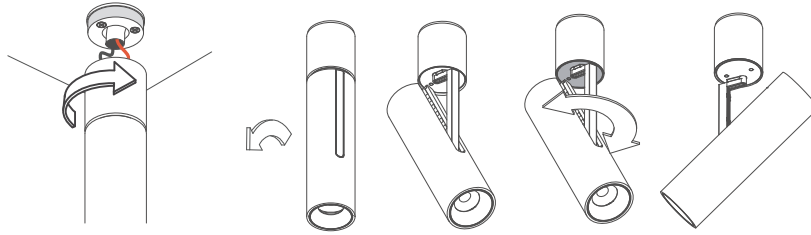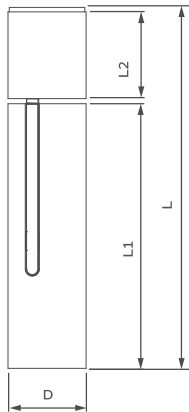East Rutherford, NJ 07073

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4

Stem mounting

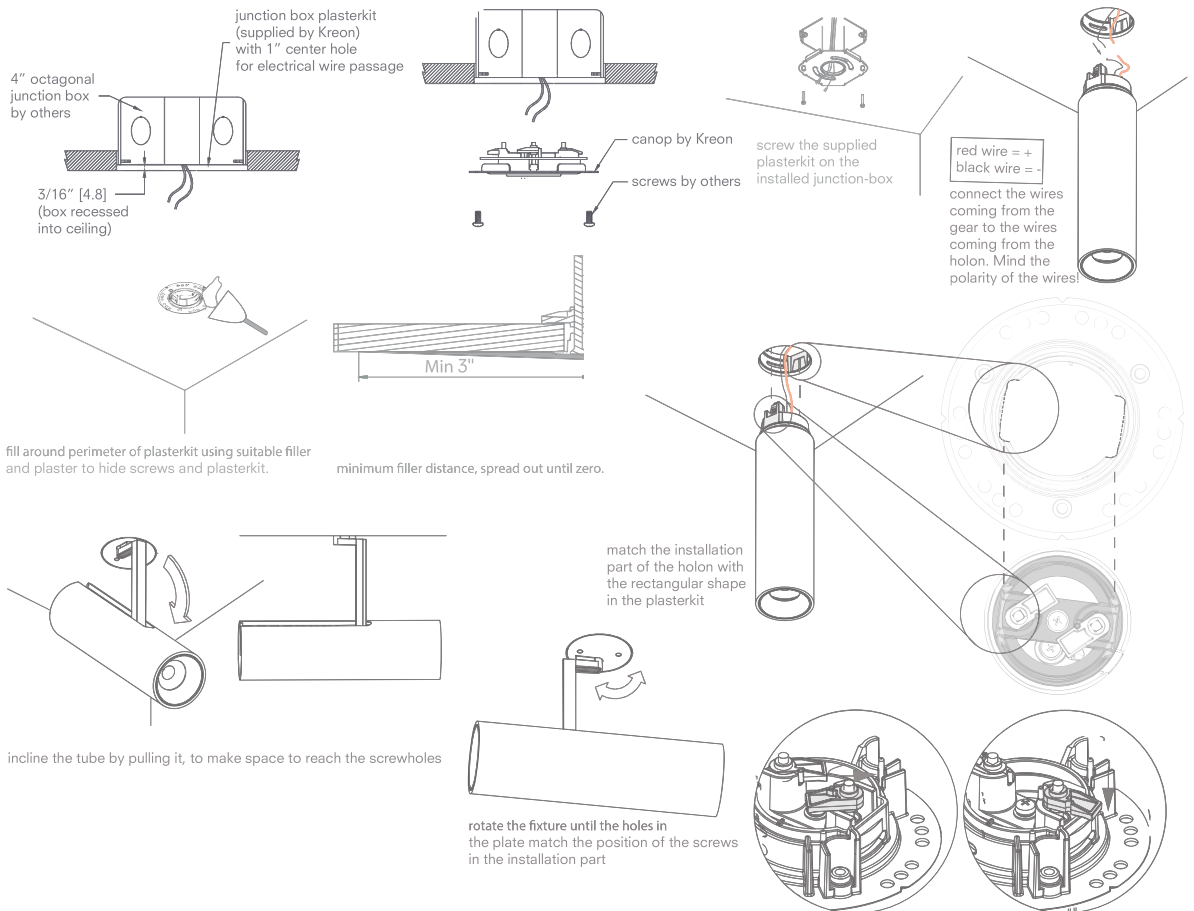JUNCTION BOX AND SUPPORT BY
OTHERS

4" OCTAGONAL JUNCTION BOX
SECURELY FASTENED TO STRUCTURE
(BY OTHERS)

1/4" IP THREADED CROSSBAR
AND LOCKNUTS
(BY KREON)

5" DIA. BLACK CANOPY
(BY KREON)

CEILING BY OTHERS

1/4" IPS (⅜" O.D.) PENDANT STEM
(BY KREON)
(MOUNTED TO CROSS BAR)

1/4" IPS THREADED NUT
(BY KREON)
USED TO SECURE CEILING BOX
OF HOLON AND CANOPY
TO THE CROSS BAR)

HOLON
FIXTURE

6 1/8"
[155.00]

1 3/4"
[45.00]
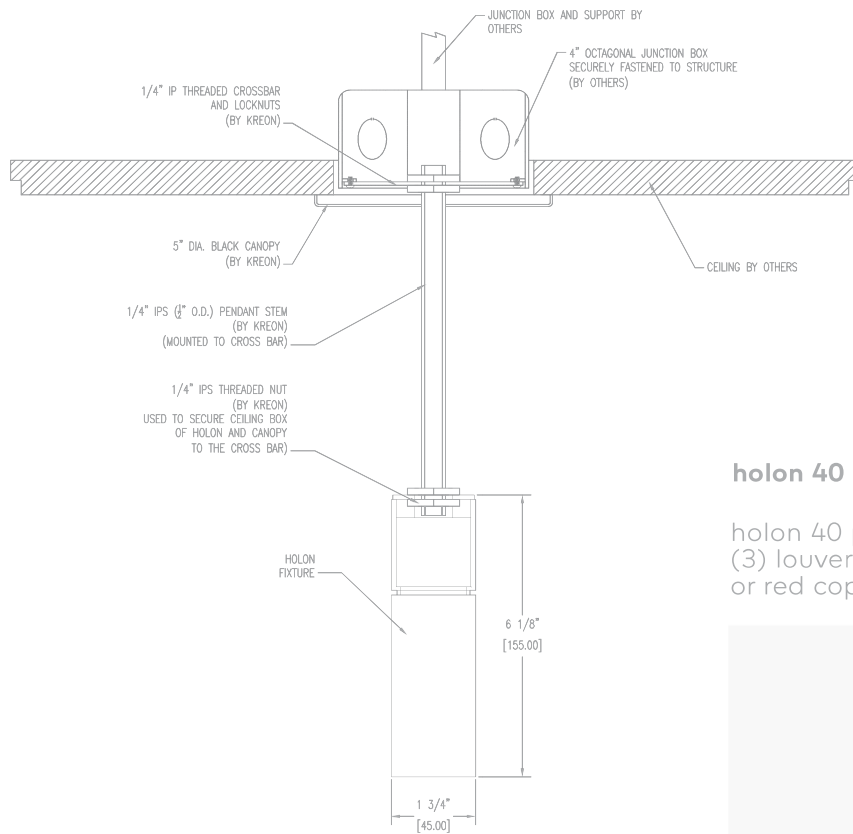
holon 40 pendant

holon 40 pendant available in
(3) louver finishes - black, white
or red copper
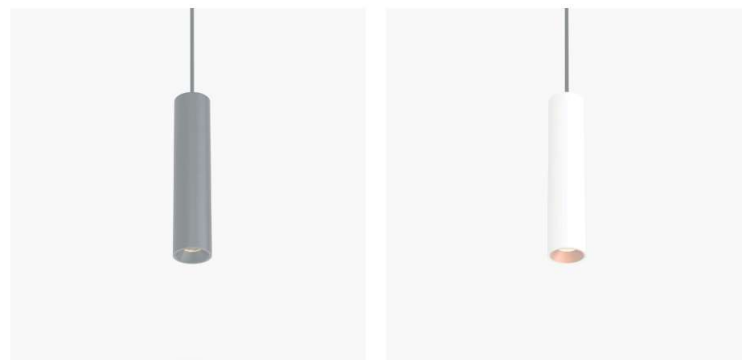
On-track mounting (see 48v magnetic track spec sheet)

click !

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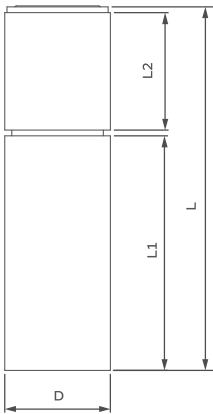East Rutherford, NJ 07073

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5

directional surface mounting

name	LxD	L1	L2
DSF, DSB	8 1/4" (208mm) x 1 3/4" (45mm)	6 " (152.5mm)	2" (50mm)

directional recessed mounting (DRR DRB)

(shown in sheetrock below)

1 ¹⁄₁₆" (27mm)

6" (152mm)

1 ³⁄₄" (Ø 45mm)

junction box plasterkit
(supplied by Kreon)
with 1" center hole
for electrical wire passage

4" octagonal
junction box
by others

3/16" [4.8]
(box recessed
into ceiling)

canop by Kreon

screws by others

screw the supplied
plasterkit on the
installed junction-box

red wire = +
black wire = -

connect the wires
coming from the
gear to the wires
coming from the
holon. Mind the
polarity of the wires!

Min 3"

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

minimum filler distance, spread out until zero.

match the installation
part of the holon with
the rectangular shape
in the plasterkit

incline the tube by pulling it, to make space to reach the screwholes

rotate the fixture until the holes in
the plate match the position of the screws
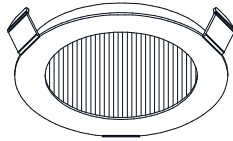in the installation part

ly principle

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kreon
stock program
holon 40

fixed mounting (FX)

name	LxD	L1	L2
FX	6 ⅛" (155mm) x 1 ¾" (Ø45mm)	3 ⅞ " (100 5mm)	2" (50mm)

pull the connection cables through the hole in the middle of the installation part and mount it against the ceiling

connect the wires to the connectors included in the fixture. Add the red wire to the connector with the red wire coming from the LED, add the black wire to the connector with the black wire coming from the LED
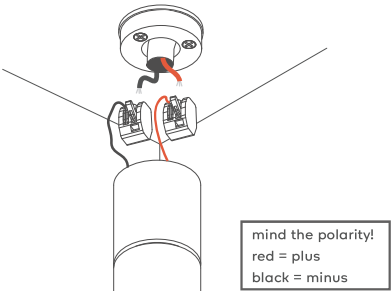
mind the polarity!
red = plus
black = minus

fix the rest of the fixture by screwing it onto the installation part
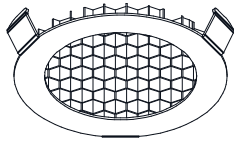
Accessories

antiglare louver   sculpture lens   diffusing lens
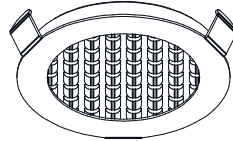
Install
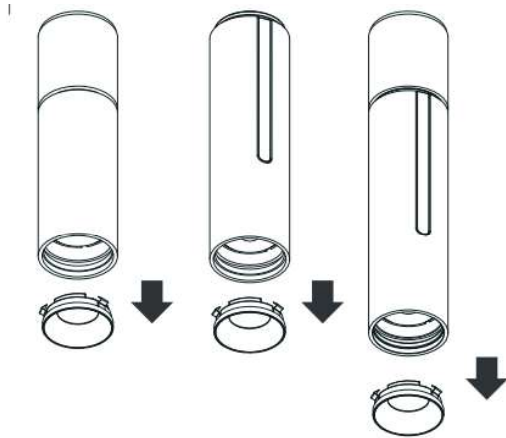
remove louver
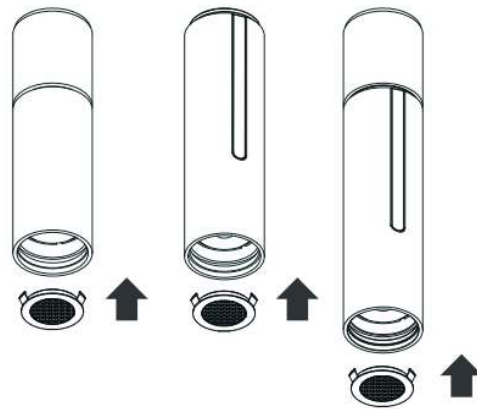
push accessory inwards
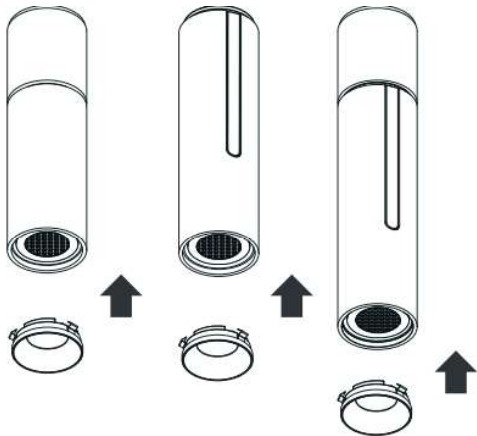
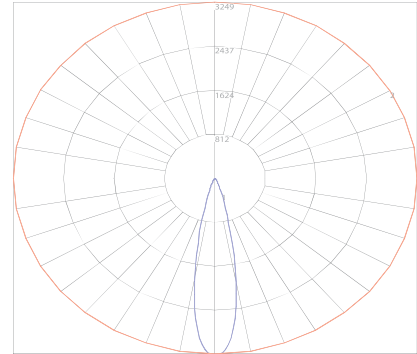replace louver

kreon
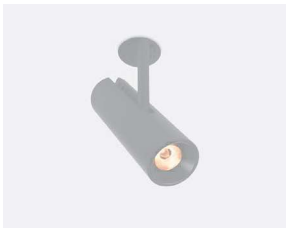## stock program
holon 40

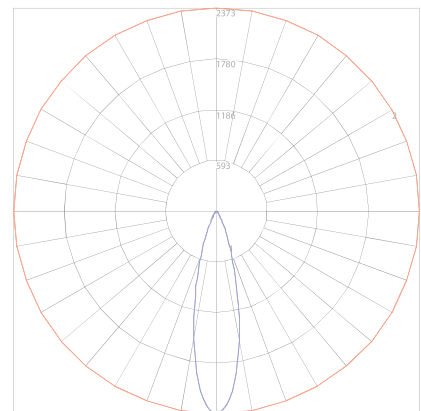## Photometry

holon 40 spot

CCT: 2700K

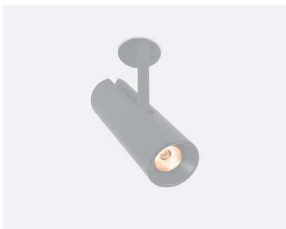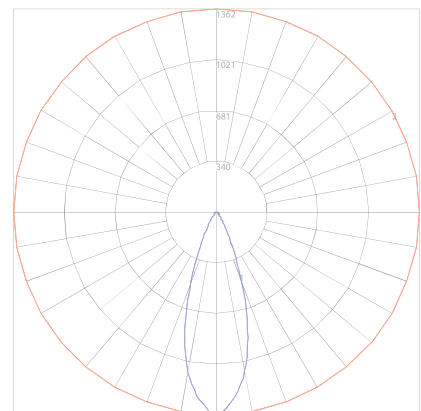CRI: 90+

Power: 9W

Luminaire Output: 564 lumens (62 lm/W)

holon 40 flood

CCT: 2700K

CRI: 90+

Power: 9W

Luminaire Output: 558 lumens (62 lm/W)

holon 40 wide flood

CCT: 2700K

CRI: 90+

Power: 9W

Luminaire Output: 494 lumens (55 lm/W)

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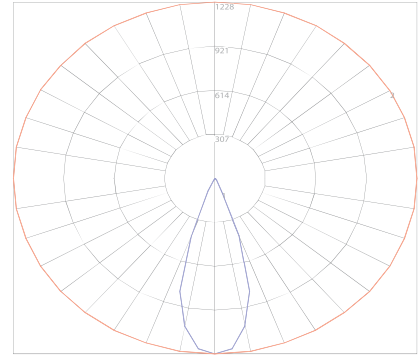WHICH CAN BE FOUND HERE:
https://www.kreon.com/sites/default/files/us_spec_sheets/kreon_holon40_specs_sheet_v2.1.pdf

Photometry

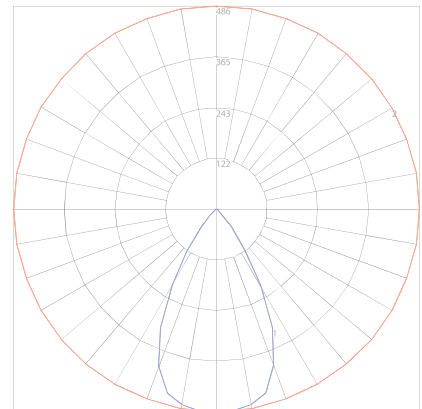### holon 40 dark light (NEW LFO optics)

lumens CCT: 2700K

CRI: 90+

Power: 9W

Luminaire Output: 413 lumens (45 lm/W)

holon 40 wide dark light (NEW LFO optics)

lumens CCT: 2700K

CRI: 90+

Power: 9W

Luminaire Output: 426 lumens (47 lm/W)