Date:	Customer:	
Project:		
Туре:	Qty:	
Down 120	Down 120 In-Line Directional	Down 120 wall wash

kreon aplis	version	beam angle	ССТ	CRI	trim / louver finish	Lumen Package	dimming	mounting options	intended voltage	Optional Accessoruie: (Blank for None)
Down 120 downlight  DWNIL120¹ Down 120 In-Line downlight (trimless install, for plastered surfaces)  DWNILSG 120¹ Down 120 In-Line w/ shadow gap downlight (trimless install, for plastered surfaces)	directional w/30° Tilt FX fixed	SP <sup>2</sup> Spot 12° SO 1114lm delivered FL Flood 28° SO 1666lm delivered HO 2610lm delivered WF Wide Flood 34° SO 1648lm delivered	2700K 30 3000K 35 3500k 40 4000K	80+ min CRI 90 90+ min CRI 98 98+ min CRI	White BL Black	Standard Output  HO High Output  **not available with DR or DR**	Triac Phase Dim (10%); 120VAC only D2 0-10V dim (10%); 120/277VAC D2LD 0-10V Dimming (1%); 120/277VAC D3-2 Lutron Hi-Lume Dim to 1% for 2-wire; 120VAC	Non-IC Backbox IC IC rated Backbox AIC Airtight (IC rated)	120VAC  277  277VAC  ***Required for proper installation***	Diffusing Lens SL Softening Lens SC Sculpture Lens EM Emergency LED Driver - EM Backu
		FX Versions Only  WW  Wall Wash 33*x26* SO 938Im delivered HO 1385Im delivered					D3-3 Lutron Hi-Lume Dim to 1% for 3-wire; 120/277VAC  D3-ECO Lutron SoftOn/Fade to Black Ecosystem dimming (1%) 120/277V			

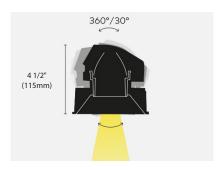
 $KU_{\underline{}}$ 

EldoLED 0-10V dim to dark (0%); 120/277VAC

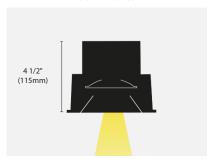
1

<sup>1</sup> Includes plasterkit, requires surface finishing compounds. Recomended for plaster ceilings only. 2 Only avaiable as SO standard output

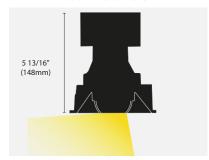
#### Down 120 directional



Down 120 fixed



Down 120 wallwasher



Description

Finish

kreon down directional is a fully recessed spotlight with a built-in snoot that serves two purposes. Firstly it absorbs stray flux, so aiding a 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 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 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 down light component.

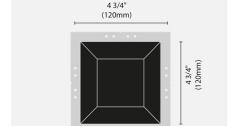
made from zamak die cast aluminum alloy. Louver finish available with white or black

Optical system / LED's LED life of L80 greater than 50,000 hours.

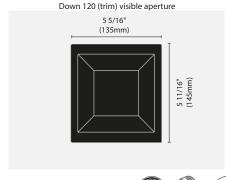
Color temperatures / CRI Available in 2700K, 3000K, 3500K and 4000K

Controls / Dimming

Available with TRIAC phase dim (120V only), 0-10V dim (120-277V), and Lutron Ecosystem (120-277V)



down in-line 120 (Trimless) visible aperture



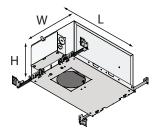






#### **Backbox Dimensions**

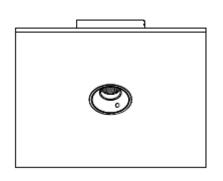
Backbox Dimensions	L	W*	Н
IC & Non-IC	14 %6"	12 1/8"	8 %"
Airtight IC	15 %"	12 1/8"	6 ¾"

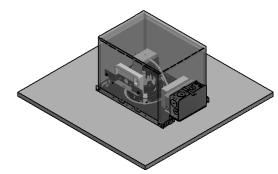


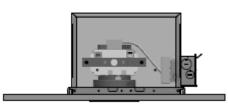
#### Integral Emergency LED Driver (EM)

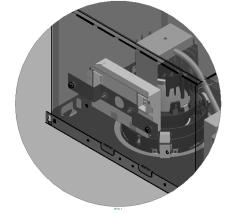
Integral emergency LED driver provides backup power for 90 minutes. Provided with an integral test switch located in the louver for easy accessibility and visibilty. The integral emergency LED driver can be accessed and serviced from below by removing the LED module and removing (2) M4 hexagonal nuts that secure the mounting bracket to the interior sidewall of the backbox housing.

#### Link to Manufacturer and Spec Sheet







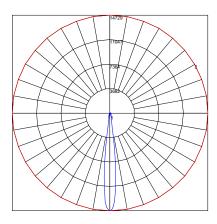


#### **Photometrics**

Down 120 SO spot

Delivered Lumens: 1114lm CCT: 2700k

CRI: 80+ Power: 16W Efficiency: 70lm/W

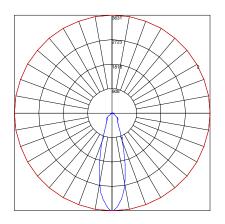


20 Murray Hill Parkway, Suite 180 East Rutherford, NJ 07073

Down 120 SO Flood

Delivered Lumens: 1666lm

CCT: 2700k CRI: 80+ Power: 16W Efficiency: 104lm/W



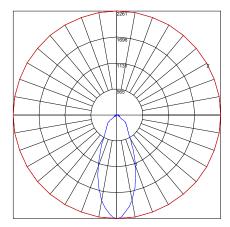
kreon Inc.

**Photometrics Continued** 

Down 120 SO wide flood

Delivered Lumens: 1648lm

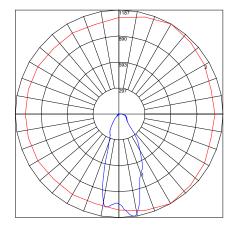
CCT: 2700k CRI: 80+ Power: 16W Efficiency: 103lm/W



Down 120 SO wall wash

Delivered Lumens: 938lm CCT: 2700k

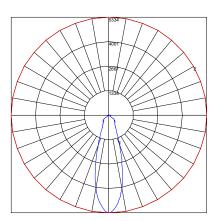
CRI: 80+ Power: 16W Efficiency: 59lm/W



Down 120 HO Flood

Delivered Lumens: 2610lm

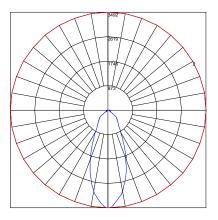
CCT: 2700k CRI: 80+ Power: 27W Efficiency: 97lm/W



Down 120 HO wide flood

Delivered Lumens: 2585lm

CCT: 2700k CRI: 80+ Power: 27W Efficiency: 96lm/W



Down 120 HO wall wash

Delivered Lumens: 1385lm

CCT: 2700k CRI: 80+ Power: 27W Efficiency: 51lm/W

