Date:	Customer:	
Project:		
Type:		Otv:

down 80 in-line directional





down 80 wallwasher



KU	_	_	_	_	_	_	_	 _	_	

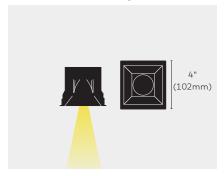
kreon down	light direction	beam angle	ССТ	source lumen package	CRI	trim / louver finish	dimming	mounting options	intended voltage ⁴	optional acessories
DWN80 - For flanged install	DR - Directional	NR - Narrow 30°	27 - 2700K	SO – Standard	Standard 80 -	WHT - White	D1 – Triac Phase Dim (10%);	PN 7 – non-IC fixture tray/pan	120 – 120VAC	For DR Light
in wood, sheetrock, plaster, or ACT ceiling	Adjustable w/30° Tilt	(combine w/diffusing lens for	30 - 3000K	Output, 12W	80+ min CRI	BLK -	120VAC only D2 – 0-10V	PNB 7 – non-IC	277	Modules Only:
4" with flange		wider distribution)	35 - 3500K	(Up to 1300lm	98 - 98+ min CRI	Black	dim (10%); 120/277VAC	includes butterfly brackets	277 – 277VAC	SL - softening lens
DIL80 - In-Line for trimless/ flangeless install in drywall or plaster	FX -	FL - Flood 40°	40 - 4000K WD ² - warm dim	source for 27, 30, 35, 40 and DW; 1100lm	Warm Dim 90 - 90+ min CRI	Grey (Inline Only)	D2LD – 0-10V Dimming (1%); 120/277VAC	RM – Remodel (no backbox, LV wiring in whip to		SC - sculpture lens
ceiling 3 1/8" in-Line	Fixed	WF ¹ – Wide Flood 55°	range 1800K-3000k	source for TW)	95 - 95+ min CRI	RSC 1 3, 6 - Red Satin Copper (Inline only)	D3-2 - Lutron Hi-Lume Dim to 1% for 2-wire; 120VAC	driver box) NIC - Non-IC Backbox IC - IC rated Backbox		For FX or DR Light Modules:
DIL802 - Double downlight In-Line for trimless/ flangeless install in drywall or plaster ceiling DIL80SG - In-Line w/ Shadow gap ~3 1/8" in-Line		WW 1. 0 – Wall Wash Optic (Only available w/ FX light module, DWN80, DIL80)	tunable white range 2700K-6500K (not available with triac phase dimming)	HO s – High Output, 20W (Up to 2000Im source only available for 27, 30, 35, 40 and FX Light module)	Tunable White 90 – 90+ min CRI	GBL 13 - Gun Black (Brushed Alm Finish; Inline only)	D3-3 - Lutron Hi-Lume Dim to 1% for 3-wire; 120/277VAC D3-ECO - Lutron HiLume Dim to 1% for Ecosystem 5-wire; 120/277VAC D4 - EldoLED 0-10V dim to dark (0%); 120/277VAC (with PN or RM mounting option	AIC - Airtight, IC rated Only available for SO versions) SH ¹⁰ - Shallow Backbox (available with FX only) (non-IC)		AG - anti- glare louvel DL - diffusing lens 44 8, 10 - IP44 splash resistant clear lens* *** Consult factory for more than one accessory per fixture

Ordering Example: KUDIL80-DR-NR-30-SO-80-RSC-D2-120-SL

^{*} All Down 80 products are rated for indoor use only, in either a dry or damp location, unless using an IP44 rated louver. In case of IP44 rated louver, fixture may be installed in certain wet locations. Contact factory for more information. *Lumen Package designates module lumens. Light Direction, CCT, and Optional Accessories will all impact light output. Please see IES files for delivered lumens. ** Consult factory for custom RAL finish color options. ¹ Not available with dropped louver ² Warm Dim is an adaptable light allowing simulation of the familiar glow and dimming of incandescent lamps. 1800K-3000K with tight color consistency of 2 SDCM. Tunable White is an adaptable light allowing designers to mimic daylight for commercial and residential applications. 2700K-6500K with tight color consistency of 3 SDCM. ³ Inline version only. ⁴ Please provide for confirmation of specification and mounting component requirements. ⁵ Fixed version only

[°] Not recommended with dropped louver (AlL80 DL) Only suitable for installation in accessible ceilings (i.e. ACT, grid). Can not be used for closed ceilings. Hanger bars included as standard (for use with 16"-24" joist spacing). - PN120B / PN277B includes hanger bars and butterfly clips Pl44 rating option protects against splashing water. Choose this accessory for glass lens between beveled louver and reflector. Not available with D1 or D3 dimming.

down 80 downlight, fixed

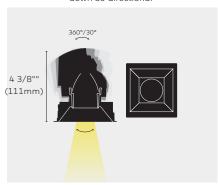


Description

Down is designed for recessed use and is characterized by the deeper position of the light source in relation to the ceiling level. Down provides the feeling of light without the sight of light. For new construction installation, each luminaire has a choice of required and optional accessories that can be chosen depending on your project. Down is a round recessed spotlight system, able to respond to the highest qualitative and functional requirements of architectural lighting design.

Down 80 is also available in a Wall-Wash optic for wide and even wall illumination.

down 80 directional



down 80 wallwash

3 3/4"

(96mm)

Mounting

Down 80 features a round aperture with flange, or in-line for trimless install in drywall, and can be rotated up to 360° and tilted by 30° without compromising the recessed position of the lamp or the glare control. The luminaire can aim both at vertical and horizontal surfaces. Down 80 is equipped with a filter holder and anti-glare snoot. The internal gear can be handled from the room-side. The newest addition to this luminaire is a dropped louver.

Finish

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

Optical system / LED's

LED life of L80 greater than 50,000 hours.

Color temperatures / CRI

Available in 2700K, 3000K, 3500K and 4000K; Warm Dim range 1800K-3000K, tunable white range 2700K-6500K

Controls / Dimming

Down 80 is standard with TRIAC phase dim (120V only), or 0-10V dim (120-277V); For non-dimming applications dimming wires can be independently capped off.

Optional accessories

various lenses to ensure visual comfort.

ETL / UL

All Down 80 products are rated for indoor use only, in either a dry or damp location, unless using an IP44 rated louver. In case of IP44 rated louver, fixture may be installed in certain wet locations. Contact factory for more information.

ETL tested for installation in the US and Canada. Ingress Protection – IP40.

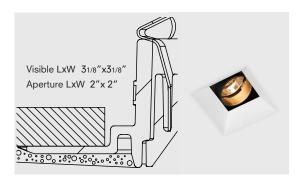




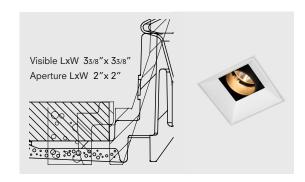




mounting / installation

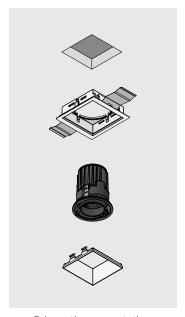


Down 80 in-line installation (trimless, no shadow gap)

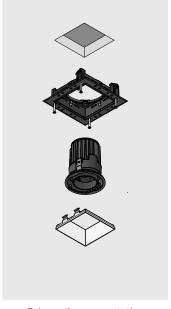


Down 80 in-line installation with shadow gap

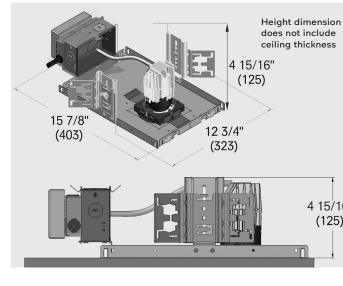
down 80 mounting



Schematic representation of assembly Down 80



Schematic representation of assembly Down 80 in-line





Down 80 in-line Gun Black Louver



Down 80 Red Satin Copper Louver

4 15/16" (125)

kreon down 80 in-line

louver

in-line louver finishes

Inline Louver	ØB	Н
down 80 inline	3 ½" (80mm)	%" (22.5mm)
down 80 inline IP44	3 ½," (80mm)	%" (22.5mm)

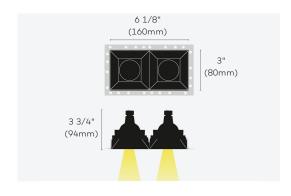




white gun metal black

down in-line double

(see page 6 for backbox dims)





RM - Driver Box Dimensions

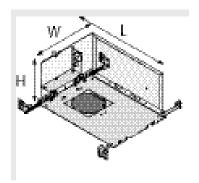
Control Selection	Driver	IC Box Dimensions			
SW	On-Off	16.5"x2.48"x1.97" (LxWxH)			
D1	Triac Phase Dimming	7"x2.375"x1.5" (LxWxH)			
D2	0-10V Dimming	16.5"x2.48"x1.97" (LxWxH)			
D2-LD	0-10V Dimming (1%)	16.5"x2.48"x1.97" (LxWxH)			
D3-2	Lutron 2-Wire Dimming (1%)	19"x2.48"x1.97" (LxWxH)			
D3-3	Lutron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

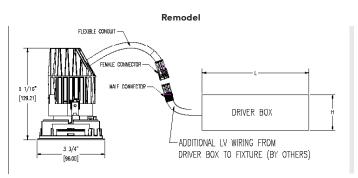
Backbox

Down 80 backbox dimensions

Backbox Dimensions	L	W*	н
IC & Non-IC	14 %"	8 %"	6 3/4"
Airtight IC	14 1/4"	8 %"	6 3/4"
CCEA Chicago Plenum	14 1/4"	8 %"	6 3/4"
Shallow	12 11/16"	8 %"	4 1/16"

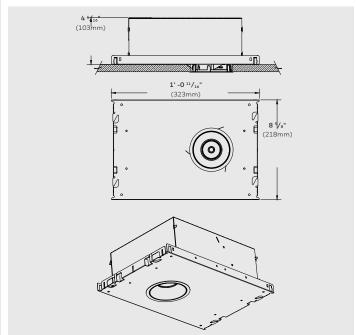
Pan Dimensions	L	W*	Н			
Directional / Fixed (SO) Pan Assembly	14 %"	8 %"	6 3/4"			
Fixed (HO) pan assembly	14 1/4"	8 %"	6 3/4"			
Hanger bars included as standard. For use with 16"-24" joist spacing.						
For butterfly bracket option W = 12 3/4"						





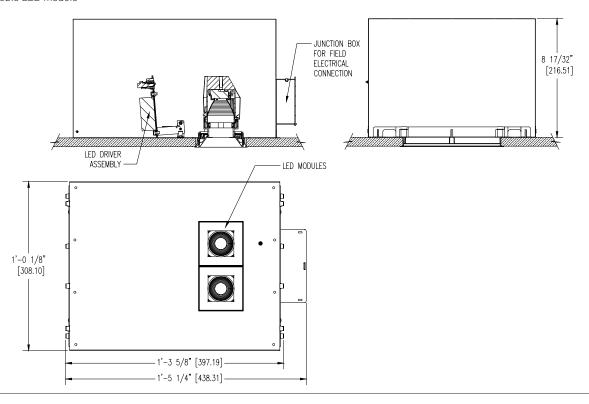
Please see Remote driver Gearbox Dimensions on page3. All drivers possible in remote retrofit applications dependent on ceiling cavity. Please have GC review dimensions.

SH - Shallow Backbox



Down 80 Double Backbox

Enclosure with double LED module



Photometry

Down 80 fixed, flood beam

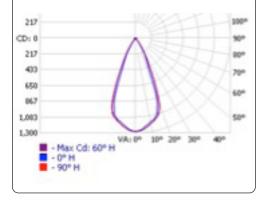


DWN-80-DR-FL-27-SO-80 Source Lumens: 1300lm

CCT: 2700K Power: 15W

Delivered Lumens: 693Im

Efficiency: 46lm/W



Down 80 fixed, wallwasher



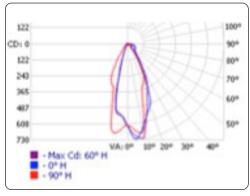
DWN-80-WW-FL-27-SO-80

Source Lumens: 1300lm

CCT: 2700K Power: 15W

Delivered Lumens: 989lm

Efficiency: 66lm/W



(201) 298-4448 quotes@kreon.com