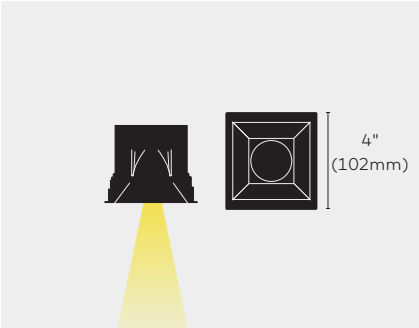




# kreon    down 80

down 80 downlight, fixed

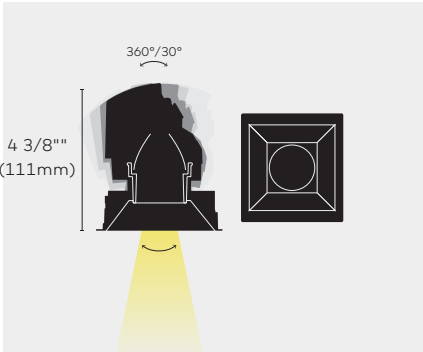


**Description**

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



**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

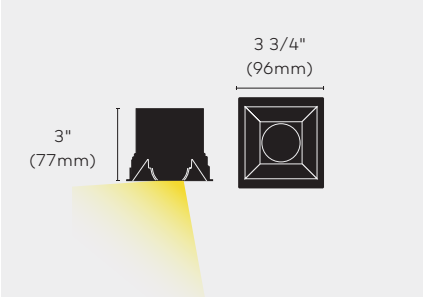
**Controls / Dimming**

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.

down 80 wallwash



**ETL / UL**

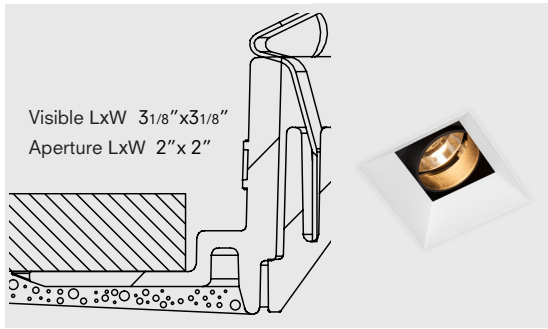
All Down 80 products are rated for indoor use only, in either a dry or damp location, unless using an IP44 rated louver. In case of IP44 rated louver, fixture may be installed in certain wet locations. Contact factory for more information.

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

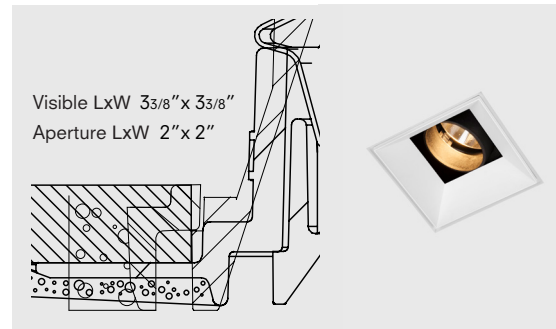


# kreon down 80

## mounting / installation

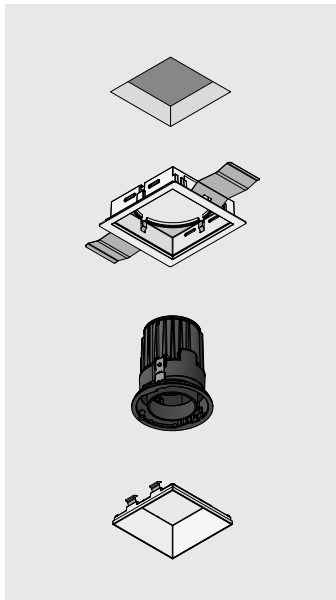


Down 80 in-line installation (trimless, no shadow gap)

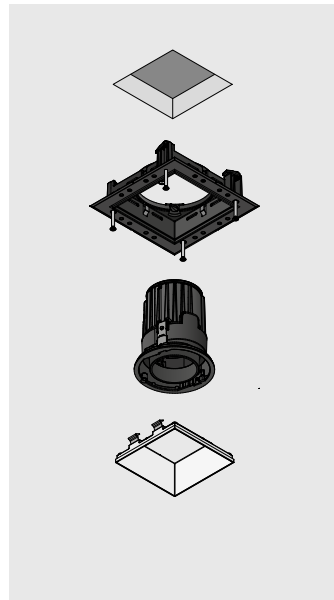


Down 80 in-line installation with shadow gap

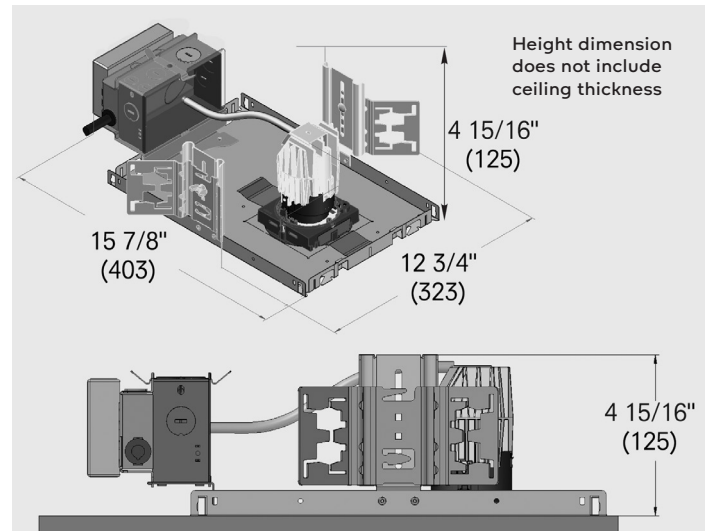
## down 80 mounting



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

# kreon    down 80 in-line

## louver

Inline Louver	ØB	H
down 80 inline	3 1/16" (80mm)	5/8" (22.5mm)
down 80 inline IP44	3 1/16" (80mm)	5/8" (22.5mm)

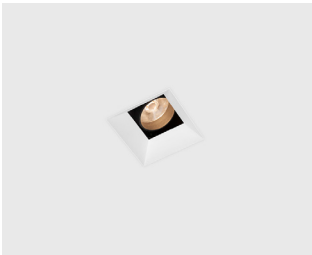
## in-line louver finishes



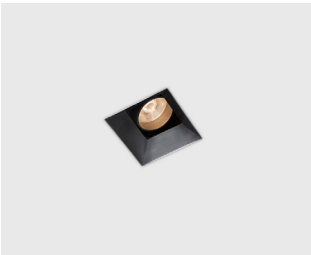
black



red copper



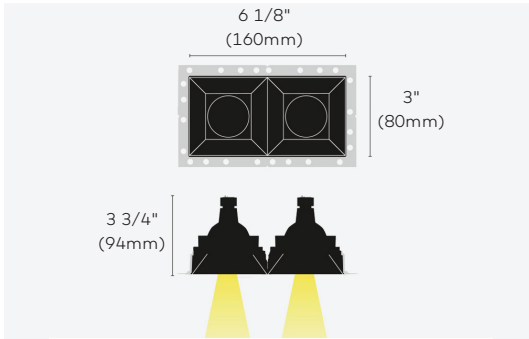
white



gun metal black

## down in-line double

(see page 6 for backbox dims)



# kreon    down 80

## RM – Driver Box Dimensions

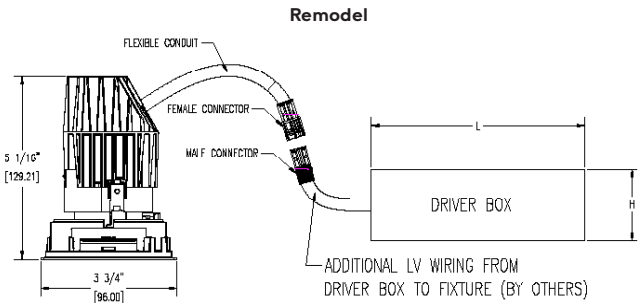
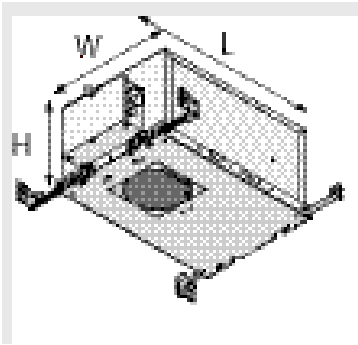
Control Selection	Driver	IC Box Dimensions
SW	On-Off	16.5"x2.48"x1.97" (LxWxH)
D1	Triac Phase Dimming	7"x2.375"x1.5" (LxWxH)
D2	0-10V Dimming	16.5"x2.48"x1.97" (LxWxH)
D2-LD	0-10V Dimming (1%)	16.5"x2.48"x1.97" (LxWxH)
D3-2	Lutron 2-Wire Dimming (1%)	19"x2.48"x1.97" (LxWxH)
D3-3	Lutron 3-Wire Dimming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

## Backbox

### Down 80 backbox dimensions

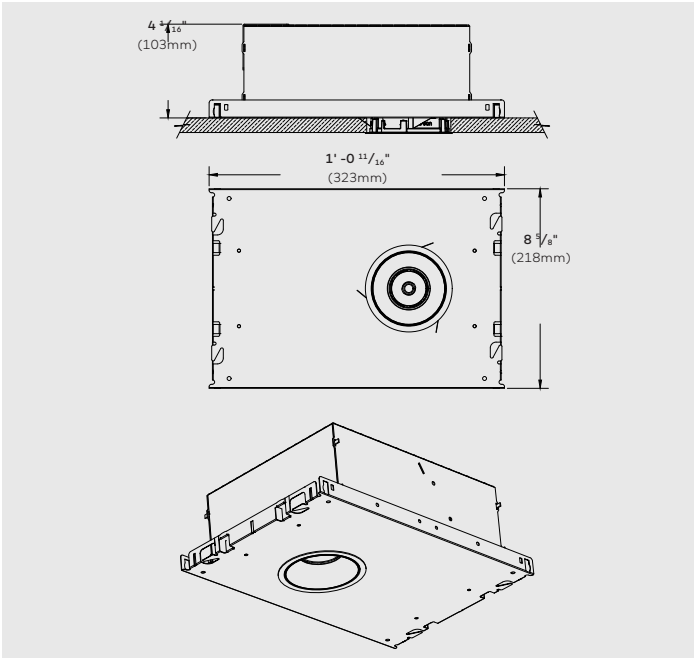
Backbox Dimensions	L	W*	H
IC & Non-IC	14 5/8"	8 5/8"	6 3/4"
Airtight IC	14 1/4"	8 5/8"	6 3/4"
CCEA Chicago Plenum	14 1/4"	8 5/8"	6 3/4"
Shallow	12 11/16"	8 5/8"	4 1/16"

Pan Dimensions	L	W*	H
Directional / Fixed (SO) Pan Assembly	14 5/8"	8 5/8"	6 3/4"
Fixed (HO) pan assembly	14 1/4"	8 5/8"	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.\*\*\*

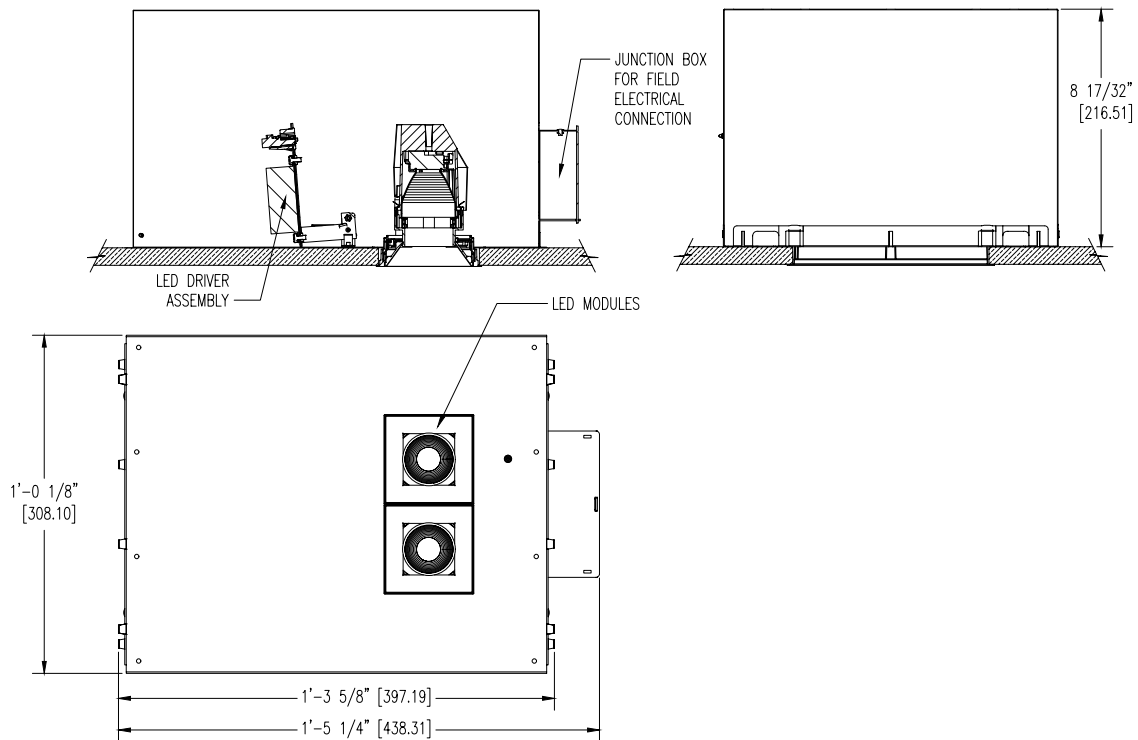
## SH – Shallow Backbox



# kreon down 80

## Down 80 Double Backbox

Enclosure with double LED module



## Photometry

### Down 80 fixed, flood beam



#### DWN-80-DR-FL-27-SO-80

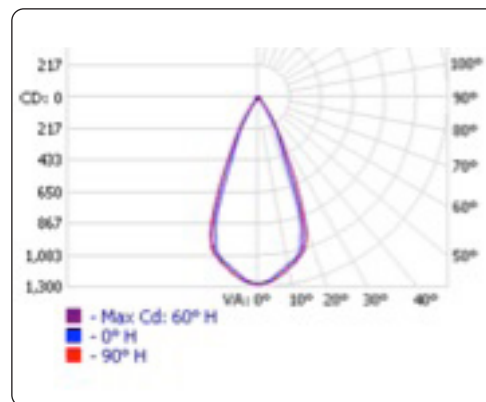
Source Lumens: 1300lm

CCT: 2700K

Power: 15W

Delivered Lumens: 693lm

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

