

R70 Custom Linear LED Recessed

Datasheet



Product codes

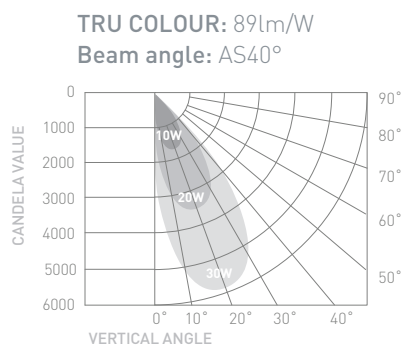
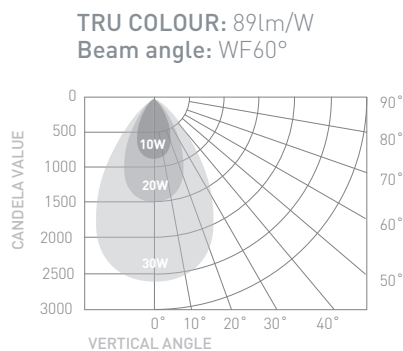
Product name:	Length:	Family:	Circuit Wattage:	Colour temp:	Beam angle:	Outer Body:	Inner Body:	Driver:
R70	XX	LN	10W/m 20W/m 30W/m	3K 4K	WF60 AS40 BW40 DF180	White (WO) Black (BO) Silver (SO)	Silver (SI) Black (BI)	ND Phase Dali 010V

Photometrics

CCT: 3000K

Efficacy (TRU COLOUR): 89lm/W
Efficacy (STANDARD LED): 120lm/W

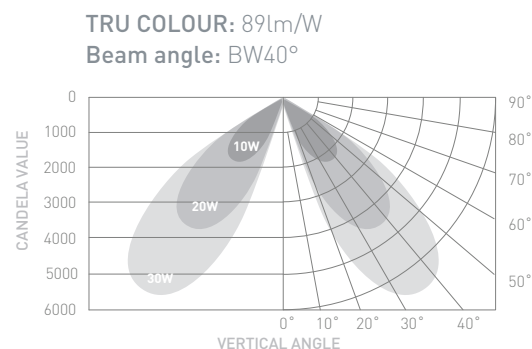
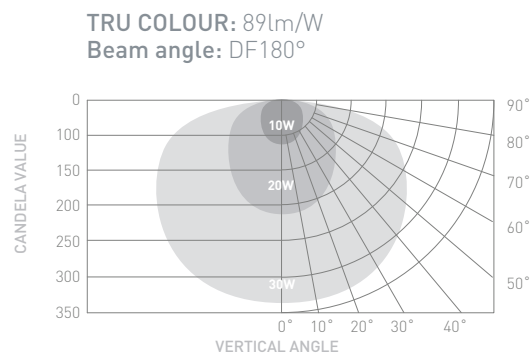
Source lumen output (TRU COLOUR)
10W/m: 890lm/m
20W/m: 1780lm/m
30W/m: 2670lm/m



CCT: 4000K

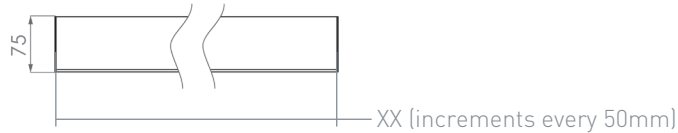
Efficacy (TRU COLOUR): 91lm/W
Efficacy (STANDARD LED): 122lm/W

Source lumen output (STANDARD)
10W/m: 910lm/m
20W/m: 1820lm/m
30W/m: 2730lm/m

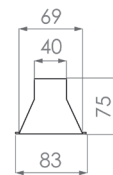


Dimensions (mm)

Front view



Side view



Electrical

Length	XX
Power Usage	
10W/m	$W \cdot \{89\text{lm}/91\text{lm}\}$ $W = 10W \cdot XX$
20W/m	$W \cdot \{89\text{lm}/91\text{lm}\}$ $W = 20W \cdot XX$
30W/m	$W \cdot \{89\text{lm}/91\text{lm}\}$ $W = 30W \cdot XX$

Dimmable:
Yes

Power Usage:
10W/m; 20W/m;
30W/m

Driver power factor:
>0.9

Input voltage:
220-265V

IP rating:
IP44

Surge protection:
3100V

Operational

Operating temp.:
-30 to 85°C

Ambient temp.:
-28 to 55°C

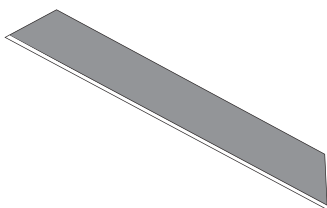
Lifetime L70:
10W= 100,000hrs
20W= 80,000hrs
30W= 50,000hrs

Warranty:
7 years of luminaire warranty
& 5 years of driver warranty

Compatibility

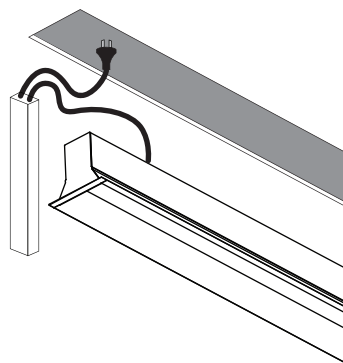
Dimming:
Non-Dimmable (ND)
Digital Driver (PHASE) *<https://brightgreen.com/digital-driver>
DALI (DALI)
0-10V (010)

Installation



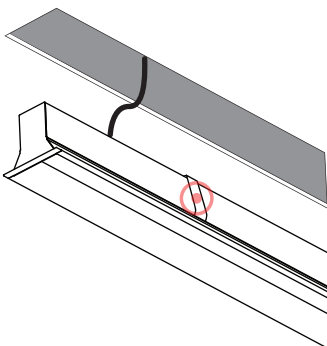
Step 1

Mark out and cut a 70mm x (Profile length) hole in the ceiling at the desired location.



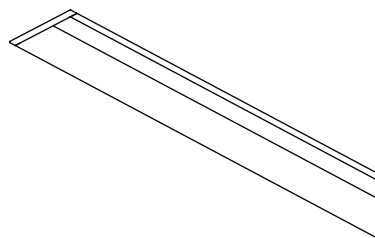
Step 2

Plug the driver into a mounted general power outlet (GPO) in the ceiling.



Step 3

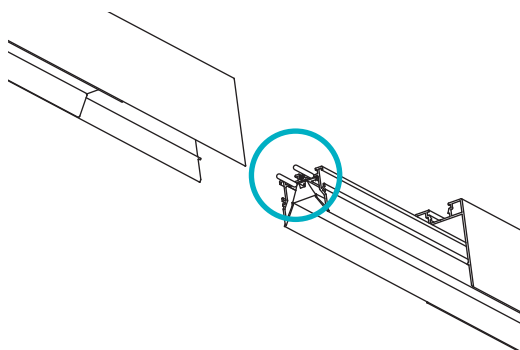
Insert the product into the ceiling cavity.



Step 4

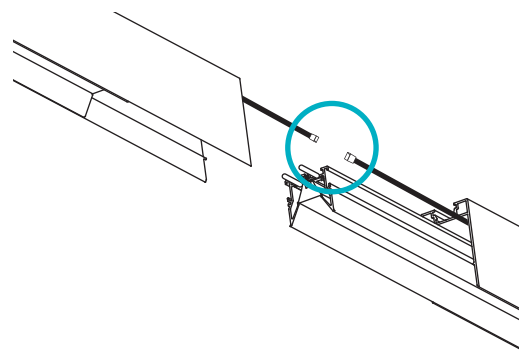
Installation complete.

Optional



PCB-PCB fast connection

Slide the profiles together to electrically connect the lengths. Suitable for 10Wm up to 10m profiles and 20Wm profiles up to 5m.



CABLE-CABLE fast connection

Connect cables together before completing PCB-PCB fast connection step. Suitable for 20Wm profiles above 5m, and 30W profiles above 3m.