



18W Colour Temperature Selectable Recessed LED Flat Downlight

Recessed flat white 240mm commercial downlight 18W CCT selectable

DESCRIPTION

This range is ideal for many applications, with high lumen efficiency for enhanced energy saving and colour temperature selection allowing the desired lighting effect to be chosen on installation

FEATURES

- Colour temperature selectable – options of 3000K, 4000K & 6000K easily set by a dip switch on the back of the fitting
- Flame retardant aluminium housing with polycarbonate diffuser, includes spring clips to fix within the ceiling
- Slim profile design to allow installations with narrow ceiling voids
- Unobtrusive design with neutral white trim
- Multiple LED low power array: even, shadow free diffused light output
- Flicker free operation
- Lumen efficacy of up to 109 lm/W
- 220mm hole cut out size

GENERAL INFORMATION

Light Source	LED	Colour / Finish	White
Application	Internal	Mounting Type	Recessed
Product Warranty	5 Years	Net Weight	0.39 kg
Energy Efficiency Class	E		

TECHNICAL INFORMATION

Nominal Voltage	240	Frequency	50Hz
Class Protection	2	Operating Temperature (Min)	-20 °C
Operating Temperature (Max)	45 °C	Average Rated Life	50,000 h
Number of switching cycles	25,000	Construction Materials Line 1	Aluminium
Construction Materials Line 2	Polycarbonate	Dimensions - Height	20 mm
Dimensions - Width	240 mm	Dimensions - Depth	240 mm
IP Rating	IP44		

PRODUCT INFORMATION

Wattage Combined	18W	CCT Combined	3000K / 4000K / 6000K
Luminaire Lumens Combined	1900 - 1900 lm	lm/W Combined	106 - 106 lm/w
Beam Angle	120°	CRI	80
SDCM	<6	Lumen Maintenance	0.7



Dimmable	Not Dimmable	Displacement Factor	0.97
CCT1/WATT1: Rated Peak Intensity	594 cd	CCT2/WATT1: Rated Peak Intensity	600 cd
CCT3/WATT1: Rated Peak Intensity	588 cd		



IP44





IP44



Colour Temp.
Selectable

PHOTOMETRICS

Product Code	Product Type	Watts	CCT	Luminaire lumens	Lm/W
KFLATDL12	Standard, 175mm	12	3000 K	1250 lm	104 lm/W
			4000 K	1300 lm	108 lm/W
			6000 K	1250 lm	104 lm/W
KFLATDL18	Standard, 240mm	18	3000 K	1900 lm	106 lm/W
			4000 K	1970 lm	109 lm/W
			6000 K	1900 lm	106 lm/W
KFLATDL24	Standard, 300mm	24	3000 K	2500 lm	104 lm/W
			4000 K	2530 lm	105 lm/W
			6000 K	2520 lm	105 lm/W

PACKAGING

Packaging Type	Colour Box
Individual unit gross weight	478 g
Pallet Layer Qty	160
Pallet Layers	2
Pallet Qty	320
MOM / OPQ	1 / 20

