



## 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



Colour Temp.  
Selectable





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## PHOTOMETRICS

Product Code	Product Type	Watts	CCT	Luminaire lumens	Lm/W
KFLATDL12	Standard, 175mm	12 W	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 W	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 W	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

