



## Colour Temperature Selectable 18W LED Commercial Downlight

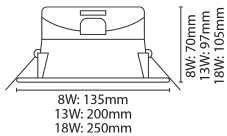
Commercial downlight white 250mm diameter 18W LED CCT selectable

### 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

- Tough Polypropylene construction
- Colour temperature selectable - options of 3000K/4000K/6000K
- Lumen efficacy of up to 113 lm/W
- 205mm hole cut out size



### GENERAL INFORMATION

|                         |          |                 |          |
|-------------------------|----------|-----------------|----------|
| Light Source            | LED      | Colour / Finish | White    |
| Application             | Internal | Mounting Type   | Recessed |
| Product Warranty        | 5 Years  | Net Weight      | 0.42 kg  |
| Energy Efficiency Class | D        |                 |          |

### 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 | Polypropylene |
| Construction Materials Line 2 | Polycarbonate | Dimensions - Height           | 250 mm        |
| Dimensions - Width            | 250 mm        | Dimensions - Depth            | 110 mm        |
| IP Rating                     | IP20          |                               |               |

### PRODUCT INFORMATION

|                           |                |                   |                       |
|---------------------------|----------------|-------------------|-----------------------|
| Wattage Combined          | 18W            | CCT Combined      | 3000K / 4000K / 6000K |
| Luminaire Lumens Combined | 2020 - 2130 lm | lm/W Combined     | 112 - 118 lm/w        |
| Beam Angle                | 120°           | CRI               | 80                    |
| SDCM                      | <6             | Lumen Maintenance | 0.7                   |



|                                    |        |                                  |        |
|------------------------------------|--------|----------------------------------|--------|
| Lighting Technology used           | LED    | Non-Directional or Directional   | NDLS   |
| Mains or non-mains                 | MLS    | Connected light source (CLS)     | FALSE  |
| Colour tuneable light source       | FALSE  | High Luminance light source      | FALSE  |
| Anti Glare shield                  | FALSE  | Dimmable                         | 1-10V  |
| Correlated Colour temperature type | STEPS  | Chromaticity coordinates x       | 0.367  |
| Chromaticity coordinates y         | 0.363  | Stroboscopic effect metric (SVM) | 0.0    |
| Flicker Metric (pst)               | 0.1    | R9 colour rendering index        | 28.0   |
| Survival factor @6000hrs           | 0.9    | Claim LED Replace Fluorescent    | FALSE  |
| Spectrum report available          | Yes    | Displacement Factor              | 0.92   |
| CCT1/WATT1: Rated Peak Intensity   | 665 cd | CCT2/WATT1: Rated Peak Intensity | 690 cd |
| CCT3/WATT1: Rated Peak Intensity   | 660 cd |                                  |        |



IP20





IP20



Colour Temp.  
Selectable

## PHOTOMETRICS

| Product Code | Product Type | Watts | CCT    | Luminaire lumens | Lm/W     |
|--------------|--------------|-------|--------|------------------|----------|
| KCOMCS13     | 200mm        | 13 W  | 3000 K | 1470 lm          | 113 lm/W |
|              |              |       | 4000 K | 1480 lm          | 114 lm/W |
|              |              |       | 6000 K | 1490 lm          | 115 lm/W |
| KCOMCS18     | 250mm        | 18 W  | 3000 K | 2020 lm          | 112 lm/W |
|              |              |       | 4000 K | 2240 lm          | 124 lm/W |
|              |              |       | 6000 K | 2130 lm          | 118 lm/W |
| KCOMCS8      | 135mm        | 8 W   | 3000 K | 890 lm           | 111 lm/W |
|              |              |       | 4000 K | 920 lm           | 115 lm/W |
|              |              |       | 6000 K | 900 lm           | 113 lm/W |

## PACKAGING

|                              |           |
|------------------------------|-----------|
| Packaging Type               | Plain Box |
| Individual unit gross weight | 578 g     |
| Pallet Layer Qty             | 72        |
| Pallet Layers                | 2         |
| Pallet Qty                   | 144       |
| MOM / OPQ                    | 1 / 12    |

