

Supplier's Name: Long Life Lamp Company - PANELHUT
 Supplier's Address: T2 Arundel Rd Uxbridge UB8 2RP UK
 Production Description: 18W+6W LED Round Ceiling Panel Light Surface Mount White+Red
 Model No.: SM18WRRD

• General Information



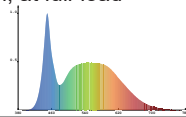
TYPE OF LIGHT SOURCE

Lighting technology used	LED
Non-directional or directional	Non-directional
Cap-type (or other electric interface)	Built-in
Mains or non-mains	Mains (240V 50Hz AC)
Connected light source (CLS)	No
Colour-tuneable light source	No
High luminance light source	No
Anti-glare shield	No
Dimmable	No

GENERAL PRODUCT PARAMETERS

Energy consumption in on-mode	24 kWh/1000h
Useful luminous flux	1440 LM
Beam angle correspondence	120 °
Correlated colour temperature	Cool White + Red
On-mode power	18 W + 6 W
Standby power	N/A
Colour rendering index	>80
Outer dimensions	247 mm x 247 mm x 38 mm
Claim of equivalent power	Yes
Equivalent power	120 W
Chromaticity coordinate	x:0.3 y:0.33

Spectral power distribution in the range 250 nm to 800 nm, at full-load




PARAMETERS FOR LED AND OLED LIGHT SOURCES

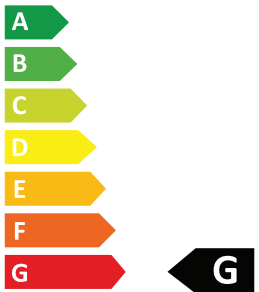
R9 Colour rendering index	>1
Survival factor	0.98
Lumen maintenance factor	0.96

PARAMETERS FOR LED AND OLED MAIN LIGHT SOURCES


Displacement factor	≥0.75
Colour consistency in McAdam ellipses	<5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	No
Flicker metric	0.92
Stroboscopic effect metric	0.86



LLLC
SM18WRRD



24 kWh/1000h



2021 No. 1095

