JC070261

RadiaLED Rapid Pro Slim Emergency

RadiaLED Rapid Pro Slim 8/12W IP65 3000/4000/5700K 250Ø Ph/Cell Emergency BLK rim

Features & Benefits

- Wattage selectable, 8W/12W
- Colour selectable, 3000K/4000K/5700K
- Unique, hinged LED gear tray design
- Up to 109 lpcW
- Cross range compatible plug & play emergency, microwave and photocell modules
- For use with RadiaLED® Rapid Pro and RadiaLED® Rapid Pro Slim

General Information

Mounting	**Wall/Ceiling**
Trade Name	**RadiaLED Rapid Pro Slim**
Environment	**Demanding**
Suitable For Zones	**Zone 1**
Product Group	**Bulkheads**
Color Finish	**Black**
Product Shape	**Round**
Product Range	**LED-Surface**
IK Rating	**08**
Overall Dimensions	**250Ø x 69.3mm**
Height (mm)	**69.3**
Diameter (mm)	**250**
Light Source	**LED**
Light Source Features	**3 CCT**
Method Of Fix	**Screws and Rawl plugs**
IP Rating	**65**

Origin of manufacturer	China
Warranty	5 Year Warranty including battery (See Website for terms and conditions)
Driver Manufacturer	JCC
LED Manufacturer/Type	Juangdong/2835

Electrical

Voltage Rating	220-240
Primary Running Current(Amp)	0.07
Inrush current(Amps)	<20
Operating Frequency Hz	50/60
Secondary running current(mA)	155/240
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage1	8
Luminaire Circuit Wattage2	12
Class	II
Output Voltage Max/Range (VDC)	40-60
Total Harmonic Distortion (THD)%	<20
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.9
Input Electrical Connections	Switched Live, Unswitched Live, Neutral, Earth (with provision only)
Dimmable	No

Emergency Data

Load Voltage(DC)	9-56
Minimum Battery run time	3 hours
Recharge Time	24 hours

Battery Data

Battery Specification	3.2V 2Ah
Battery Type	LiFePO4
Nominal Battery Current	20mA
Charge Current	130mA
Recharge Time	24 hours

Thermals

Thermal Cut Out	Yes
Operating Temperature Range °C	0 to +50

Performance Data

LED Life (Hours)*	54000
Energy Rating	This product contains a light source of energy efficiency class E

Actual Lumen Output1	**800**
Actual Lumen Output2	**1300**
Lumens Per Circuit Watt1	**100**
Lumens Per Circuit Watt2	**108**
Standard Deviation Colour Matching - SDCM	**2.5 to 5**
Color Rendering Index	**80-89**
CRI: Ra	**80**
Correlated Colour Temperature1	**3000**
Correlated Colour Temperature2	**4000**
Correlated Colour Temperature3	**5700**
Beam Angle °	**120°**
LOR (Light Output Ratio) %	**100**
Photometry Available	**Yes**

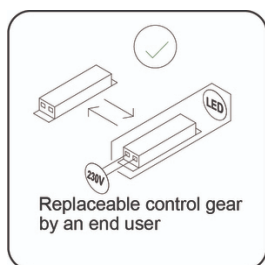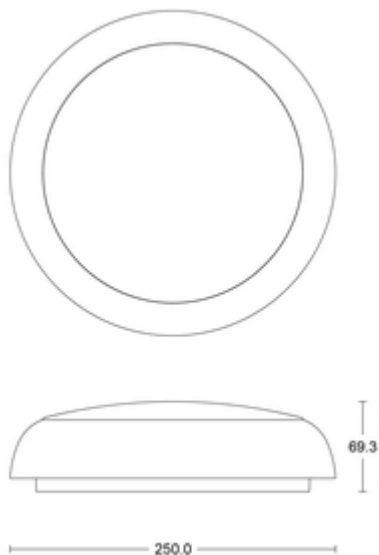## Controls and Sensors

Lux Settings	**ON:5 lux/ Off: 55-105lux, ON:10 lux/ Off: 60-110lux,ON:25 lux/ Off: 75-125lux, ON:50 lux/ Off: 100-150lux, ON:100 lux/ Off: 150-250lux, ON:150 lux/ Off: 250-300lux, ON:200 lux/ Off: 250-400lux, Disable**
Daylight Sensor (On/Off) (NOT Daylight Harvesting)	**Yes**

Construction

Primary Material	**Polycarbonate**
Inner Diffuser	**Polycarbonate**
Driver Housing	**Polycarbonate**

Standards & Approvals

Manufactured In Accordance To	**BS EN 60598-2-1,2-22**
CE Marked	**Yes**
UKCA Marked	**Yes**
Date code/Purchase order No.	**Yes**
WEEE Symbol	**Yes**
Certificate Of Conformity	**Available on request**
Accredited Members	**LIA, ISO9001-2015, ISO14001-2015**

69.3

250.0

Replaceable control gear
by an end user

Replaceable light source
(LED only)by an end user
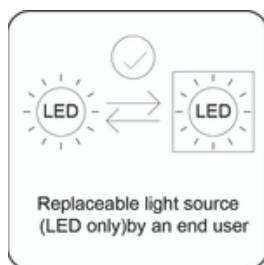
*Hours life stated is an indication of expected L70 chip and light output calculations when operating in optimum conditions. Product warranty period supports the full product during the term given. The L70 hours expectancy is not correlated with the full product warranty term, nor is it a representation of lumen depreciation during the warranty period.