

JC070335

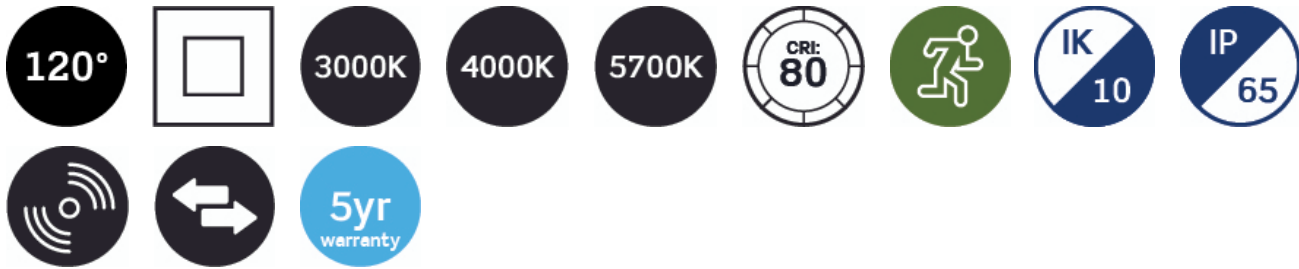
RadiaLED Rapid Pro Emergency

RadiaLED Rapid Pro 12/16/20W IP65 3000/4000/5700K 301Ø MW on/off EM no rim



Features & Benefits

- Wattage selectable, 12W/16W/20W
- Colour selectable, 3000K/4000K/5700K
- Unique, clip in tool-less LED gear tray design
- Four side 20mm conduit entry points
- Cross range compatible plug & play emergency, microwave and photocell modules. For use with RadiaLED® Rapid Pro and RadiaLED® Rapid Pro Slim
- Up to 126 LpcW



General Information

Mounting	Wall or Ceiling
Trade Name	RadiaLED
Environment	Demanding
Suitable For Zones	Zone 1
Product Group	Bulkheads
Color Finish	White
Product Shape	Round
Product Range	RadiaLED Rapid Pro
IK Rating	10
Overall Dimensions	Ø301
Height (mm)	98.3
Light Source	LED
Light Source Features	3CCT Selectible
IP Rating	65
Origin of manufacturer	China
Warranty	5 Year Warranty including batteries (Terms and Conditions apply)
Operation Type	On/Off

Driver Manufacturer	JCC
LED Manufacturer/Type	Jufei/2835
Electrical	
Voltage Rating	220-240
Primary Running Current(Amp)	0.115
Operating Frequency Hz	50-60
Luminaire Circuit Wattage	12/16/20
Class	II
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.9
Input Electrical Connections	Switched Live, Unswitched Live, Neutral, Earth (with provision only)
Photocell/PIR compatible	Yes

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	LifPO4
Nominal Battery Current	2A
Charge Current	130Ma
Recharge Time	24 Hours
Deep Discharge Protection	Yes

Thermals

Thermal Cut Out	Yes
Operating Temperature Range °C	0-45

Performance Data

LED Life (Hours)*	60000
Actual Lumen Output	1490/2040/2430
Lumens Per Circuit Watt	124/127/121
Color Rendering Index	80-89
CRI: Ra	80
Correlated Color Temperature	3000K/4000K/5700K
Beam Angle °	120
LOR (Light Output Ratio) %	100
Photometry Available	Yes

Controls and Sensors

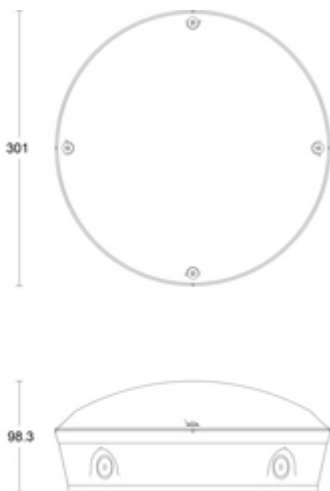
Detection Motion Speed	Ceiling installation 3m height:0.3m/S ≥3.5m, 1m/S ≥2.5m ; Wall mounting height 2m: 0.3m/S ≥8m, 1m/S ≥4m
Detection Area	25%/50%/100% (Remote- LEV71930) 25%/50%/75%/100% (Dip settings)
Hold Time	5S/90S/5min/10min/15min/30min/60min/3Hr/+∞ (Remote - LEV71930) 5S/90S/5min/15min (Dip settings)
Lux Settings	25%/50%/100% (Remote-LEV71930) 25%/50%/75%/100% (Dip settings)
Microwave Frequency	5.8 GHz ±75MHz, ISM wave band
Transmitting Power	1mW Max

Construction

Primary Material	Polycarbonate
Inner Diffuser	Polycarbonate
Driver Housing	Polycarbonate

Standards & Approvals

Manufactured In Accordance To	BS EN 60598-2-1
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





*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.

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