JC070102

RadiaLED Rapid Emergency

RadiaLED Rapid IP65 4000K 24W Microwave Dimming Emergency With WH Rim

Features & Benefits

- 2.5x Faster to install than traditional LED bulkheads
- Detachable terminal, for simple wiring connection
- Multiple cable entry, central and offset rear entry points
- 20mm conduit entry, on top, bottom, sides and rim
- Clip-in tool-less LED gear tray design
- Smooth, even light distribution
- IK10, maximum impact rating
- IP65 protection against dust and moisture
- Emergency, microwave and dimmable options
- Complete with white rim as standard

116° | 4000K | CRI: 80 | WH | IK 10 | IP 65 | 5yr warranty

General Information

Mounting	**Wall or ceiling**
Trade Name	**RadiaLED**
Environment	**Demanding**
Suitable For Zones	**Suitable for inside Zone 1**
Product Group	**LED- Surface**
Color Finish	**White**
Product Shape	**Round**
Product Range	**RadiaLED Rapid**
IK Rating	**IK10**
Overall Dimensions	**Ø340 x 98.3**
Height (mm)	**98.3**
Diameter (mm)	**340**
Product Weight(kg)	**1.6**
Light Source	**LED**
Light Source Features	**Neutral White**

Luminaire Accessories	**JC070203 -4 security screws, JC070204 -Tool for RadiaLED Rapid security screws. 5 rim options including eyelid**
Recommended Product Location	**Suitable for interior and exterior applications for ceiling and wall mounting**
Method Of Fix	**Back screw fix or BESA plate mounting**
Distance From Lighted Object	**0.3**
IP Rating	**IP65**
Origin of manufacturer	**China**
Warranty	**5 Year Warranty (2 year on batteries)(See Website for terms and conditions)**
Driver Manufacturer	**Merrytek**
LED Manufacturer/Type	**3528/Nationstar**
Lighting Product Type 1	**Ceiling mount**
Lighting Product Type 2	**Wall light**
Lighting Product Type 3	**Emergency lighting**
Customs Tariff code**	**9405119090**

Electrical

Voltage Rating	**220-240**
Operating Frequency Hz	**50/60**
Secondary running current(mA)	**550**
Constant Current or Constant Voltage	**CC**
Luminaire Circuit Wattage1	**24**
Class	**I**
Output Voltage Max/Range (VDC)	**6-58**
EMC Compliant (EN55015)	**Yes**
Power Factor Correction	**0.9**
Input Electrical Connections	**Live, Unswitched Live, Neutral, Earth**

Emergency Data

Load Voltage(DC)	**60**
LOR % in Emergency Mode	**13**
Minimum Battery run time	**3**
Recharge Time	**24 hours**
Inverter PFC	**0.88**

Battery Data

Battery Specification	**1 x 3.7V 2.6Ah**
Battery Type	**Li-ion(Lithium-ion)**
Nominal Battery Current	**2600mA**
Charge Current	**200mA**
Recharge Time	**24 hours**
Battery Total Weight(kg)	**0.05**

Thermals

Operating Temperature Range °C	0 to +26

Performance Data

LED Life (Hours)*	60000
Energy Rating	**This product contains a light source of energy efficiency class G**
Actual Lumen Output1	2360
Lumens Per Circuit Watt1	98
Standard Deviation Colour Matching - SDCM	≤ 6
Color Rendering Index	80-89
CRI: Ra	84
Correlated Colour Temperature1	4000
Beam Angle °	116
LOR (Light Output Ratio) %	100

Controls and Sensors

Detection Distance	0.5-8m, adjustable
Detection Motion Speed	0.5-3m/s
Detection Range	Max. (Ø x h): 16m x 6m
Installation Height	6m max
Detection Area	100%/ 75%/50%/10%
Detection Angle	150°(Wall installation),360°(Ceiling installation)
Hold Time	5S/90S/3min/10min
Lux Settings	5lux/15lux/50lux/Disable
Microwave Frequency	5.8GHz±75MHz, ISM wave band
Transmitting Power	<0.5mW
Daylight Sensor (On/Off) (NOT Daylight Harvesting)	5lux/15lux/50lux/Disable
Standby period	0S/30S/10min/+∞
Standby-Dimming Level	20%

Construction

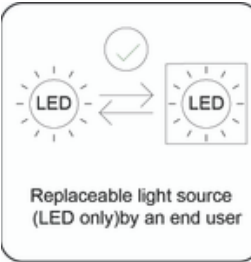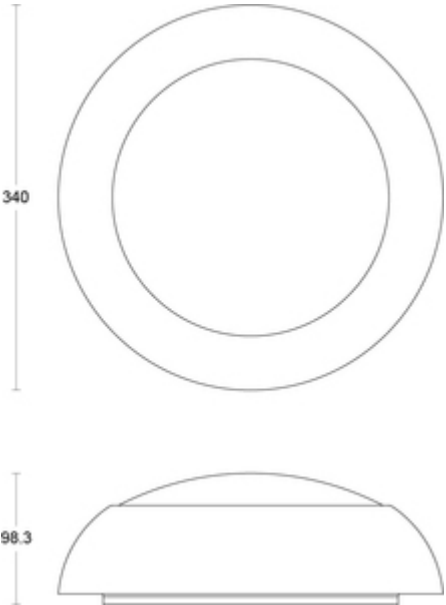|	
Primary Material	Polycarbonate
Outer Diffuser	Polycarbonate
LED Brand	Nationstar
Heat Sink	PA6 nylon
Driver Housing	Polycarbonate
Rim Or Attachment	Polycarbonate

Packaging

Product carton overall dimensions(cm)	35 x 35 x 11 cm
Product Packaged Weight(kg)	1.88
Quantity Per Outer Carton	8
Outer carton(L)- cm	72
Outer carton(W)- cm	37

Outer carton(H)- cm	**46.5**
Outer carton Net weight- kg	**15.04**
Outer carton Gross weight- kg	**15.71**
Product Bar Code EAN-13 Number	5052544130373
Outer carton Bar Code ITF-14 Number	15052544130370

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**

340

98.3

Replaceable light source
(LED only)by an end user

Replaceable control gear
by a professional

*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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JCC Lighting LTD, Lux Park, Chichester Business Park, City Fields Way, Tangmere, Chichester, West Sussex, PO20 2FT.
Sales: 01243 838999 (8am to 5pm Monday to Friday) Fax: 01243 838998 | sales@jcc.co.uk | www.jcc.co.uk
Company Registration Number: 03044848 | VAT Number: 918544112

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