

JC070076

RadiaLED Rapid

RadiaLED Rapid IP65 4000K 12W Emergency + With RIM



Features & Benefits

- 2.5x Faster to install than traditional LED bulkheads
- Detachable terminal, for simple wiring connection
- Multiply 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°

BEAM



CLASS I



CRI:RA



EMERGENCY



IK 10

RATING



IP 65

RATING

5yr

WARRANTY

General Information

Product Group

Product Range

Trade Name

Light Source

Light Source Features

IK Rating

Product Shape

Mounting

Product Weight

Color Finish

Overall Dimensions

Recommended Product Location

Method Of Fix

IP Rating

Environment

Suitable For Zones

LED- Surface

RadiaLED Rapid

RadiaLED

LED

Neutral White

IK10

Round

Wall or ceiling

1.6

White

Ø340 x 98.3

Suitable for interior and exterior applications for ceiling and wall mounting

Back screw fix or BESA plate mounting

IP65

Demanding

Suitable for inside Zone 1

Luminaire Accessories	JC070203 -4 security screws, JC070204 -Tool for RadiaLED Rapid security screws. 5 rim options including eyelid
Distance From Lighted Object	0.3
Origin of manufacturer	China
Warranty	2 years standard warranty extends to 5 years when registered within the first year of purchase (See Website for terms and conditions)(2 years on batteries)
Driver Manufacturer	KG Power
LED Manufacturer/Type	3528/Nationstar
Lighting Product Type 1	Ceiling mount
Lighting Product Type 2	Wall light
Lighting Product Type 3	Emergency lighting

Electrical

Voltage Rating	220-240
Secondary Running Current	300mA
Primary Running Current	0.16A
Operating Frequency Hz	50/60
CC or CV	Constant Current
Luminaire Circuit Wattage	12
Sec - Voltage (V)	25-40
Class	Class I
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.5
Input Electrical Connections	Live, Unswitched Live, Earth, Neutral
Dimmable	No

Emergency Data

Load Voltage	45VDC
Nominal Battery Current	1600mA
Recharge Time	24 hours
Battery Specification	1 x 3.2V 1.6Ah
Battery Type	Li-ion(Lithium-ion)
Battery Total Weight	0.005kg
Battery Life In Emergency Mode	3 hours
Charge Current	200mA
DDP Protection	Yes
LOR In Emergency Mode	16%
Inverter PFC	0.88

Thermals

Room Ambient Temperature	26°C
Max Driver/Ballast Ambient Temp.	45°C

Performance Data

LED Life (Hours)	60000
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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.

Energy Rating	A+
Actual Lumen Output	1250
Lumens Per Circuit Watt	104
Standard Deviation Colour Matching - SDCM	≤ 6
Color Rendering Index	80-89
CRI: Ra	84
Correlated Color Temperature	4000
Light Distribution Detail	116
LOR (Light Output Ratio) %	100
Photometry Available	Yes

Construction

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

Packaging

Product Carton Dimensions	35 x 35 x 11 cm
Product Packaged Weight	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 overall dimensions	72 x 37 x 46.5cm
Outer carton Net weight- kg	15.04
Outer carton Gross weight- kg	15.71
Product Bar Code EAN-13 Number	5052544106224
Outer carton Bar Code ITF-14 Number	15052544106221

Standards & Approvals

Manufactured In Accordance To

CE Marked

Date code/Purchase order No.

WEEE Symbol

Certificate Of Conformity

Accredited Members

BS EN 60598-2-1,2-22

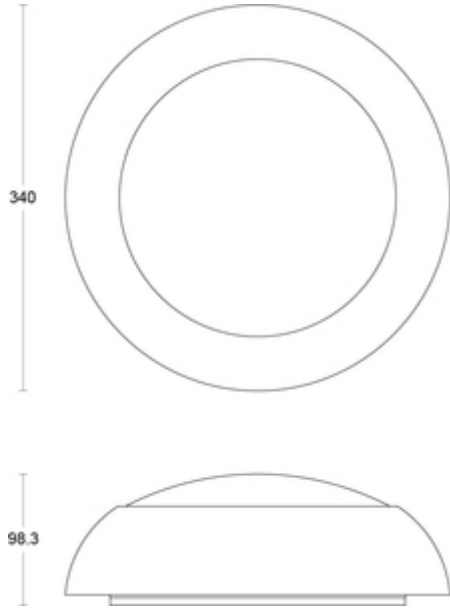
Yes

Yes

Yes

Available on request

LIA, ISO9001:2015, ISO14001:2015







JCC Lighting LTD Innovation Centre, Beeding Close, Southern Cross Trading Estate, Bognor Regis, West Sussex PO22 9TS
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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Version 45 [23 Sep 2020]