

JC070086

RadiaLED Rapid Emergency

RadiaLED Rapid 16W IP65 4000K Emergency + With 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



BEAM



CRI:RA



RATING



CLASS I



EMERGENCY



RATING



WARRANTY

General Information

Mounting

Environment

Suitable For Zones

Product Group

Product Range

IK Rating

Trade Name

Color Finish

Product Shape

Product Weight(kg)

Overall Dimensions

Light Source

Light Source Features

Luminaire Accessories

Recommended Product Location

Method Of Fix

Wall or ceiling

Demanding

Suitable for inside Zone 1

LED- Surface

RadiaLED Rapid

IK10

RadiaLED

White

Round

1.6

Ø340 x 98.3

LED

Neutral White

JC070203 -4 security screws, JC070204 -Tool for RadiaLED

Rapid security screws. 5 rim options including eyelid

Suitable for interior and exterior applications for ceiling and wall mounting

Back screw fix or BESA plate mounting

Distance From Lighted Object	0.3
IP Rating	IP65
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
Primary Running Current(Amp)	0.18
Operating Frequency Hz	50/60
Secondary running current(mA)	300
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage	16
Class	I
Output Voltage Max/Range (VDC)	36-50
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.5
Input Electrical Connections	Live, Unswitched Live, Earth, Neutral
Dimmable	No

Emergency Data

Load Voltage(DC)	60
LOR % in Emergency Mode	19
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 run time	3 hours
Battery Total Weight(kg)	0.05

Thermals

Max Driver/Ballast Ambient Temp.	45°C
Operating Temperature Range °C	0 to +45

Performance Data

LED Life (Hours)	60000
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	This product contains a light source of energy efficiency class F
Actual Lumen Output	1600
Lumens Per Circuit Watt	100
Standard Deviation Colour Matching - SDCM	≤ 6
Color Rendering Index	80-89
CRI: Ra	84
Correlated Color Temperature	4000
Beam Angle °	116
LOR (Light Output Ratio) %	100
Photometry Available	Yes

Construction

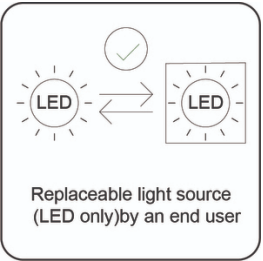
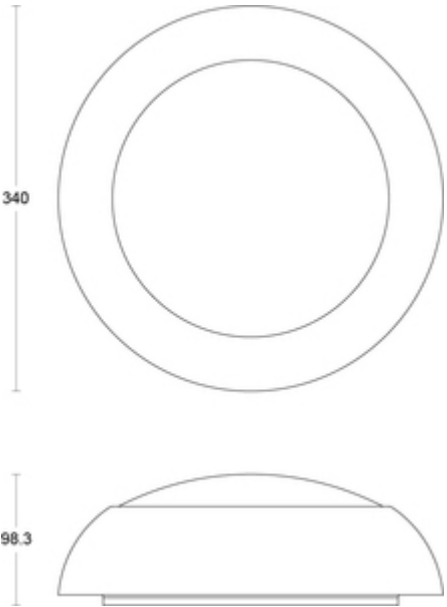
Primary Material	Polycarbonate
Outer Diffuser	Polycarbonate
LED Brand	Nationstar
Heat Sink	PA6 nylon
Driver Housing	Polycarbonate
Rim Or Attachment	Polycarbonate

Packaging

Product carton 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	5052544106255
Outer carton Bar Code ITF-14 Number	15052544106252

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





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