

JC070080

## RadiaLED Rapid Emergency

RadiaLED Rapid 12W IP65 4000K Microwave On/Off 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



### 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	<b>0.3</b>
IP Rating	<b>IP65</b>
Origin of manufacturer	<b>China</b>
Warranty	<b>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)</b>
Driver Manufacturer	<b>KG Power</b>
LED Manufacturer/Type	<b>3528/Nationstar</b>
Lighting Product Type 1	<b>Ceiling mount</b>
Lighting Product Type 2	<b>Wall light</b>
Lighting Product Type 3	<b>Emergency lighting</b>

## Electrical

Voltage Rating	<b>220-240</b>
Primary Running Current(Amp)	<b>0.16</b>
Operating Frequency Hz	<b>50/60</b>
Secondary running current(mA)	<b>300</b>
Constant Current or Constant Voltage	<b>CC</b>
Luminaire Circuit Wattage	<b>12</b>
Class	<b>I</b>
Output Voltage Max/Range (VDC)	<b>25-40</b>
EMC Compliant (EN55015)	<b>Yes</b>
Power Factor Correction	<b>0.5</b>
Input Electrical Connections	<b>Live, Unswitched Live, Earth, Neutral</b>
Dimmable	<b>No</b>

## Emergency Data

Load Voltage(DC)	<b>60</b>
LOR % in Emergency Mode	<b>25</b>
Inverter PFC	<b>0.88</b>

## Battery Data

Battery Specification	<b>1 x 3.7V 2.6Ah</b>
Battery Type	<b>Li-ion(Lithium-ion)</b>
Nominal Battery Current	<b>2600mA</b>
Charge Current	<b>200mA</b>
Recharge Time	<b>24 hours</b>
Battery run time	<b>3 hours</b>
Battery Total Weight(kg)	<b>0.05</b>

## Thermals

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

## 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 **1250**

Lumens Per Circuit Watt **104**

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**

## Controls and Sensors

Detection Distance **0.5-8m, adjustable**

Detection Motion Speed **0.5-3m/s**

Detection Range **Max. (Ø x h): 1.6m x 6m**

Installation Height **6m max**

Detection Area **0.5-8m, adjustable**

Detection Angle **150°(Wall installation),360°(Ceiling installation)**

Hold Time **5s | 30s | 60s | 3min | 5min | 10 min | 20 min | 30min**

Lux Settings **2 lux | 10 lux | 25 lux | 50 lux | Disable**

Microwave Frequency **5.8GHz±75MHz, ISM wave band**

Transmitting Power **<0.5mW**

## 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**

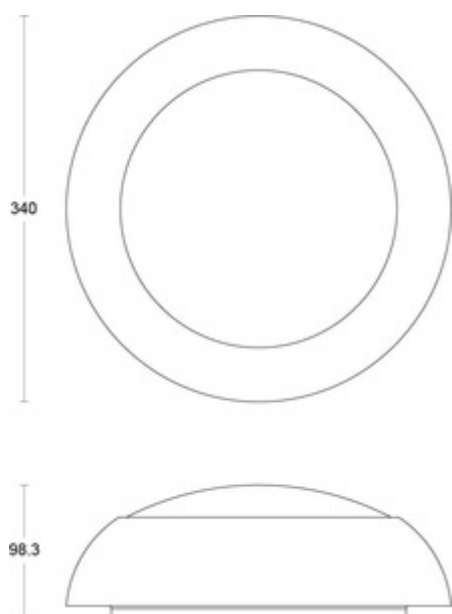
Outer carton(W)- cm **37**

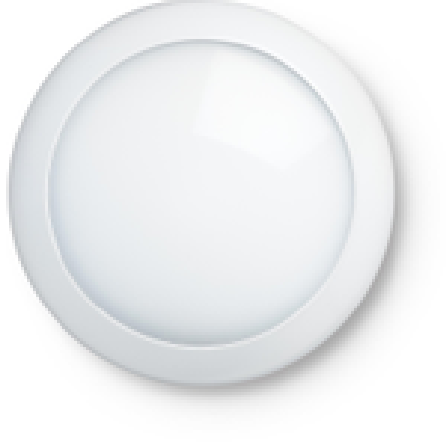
Outer carton(H)- cm **46.5**

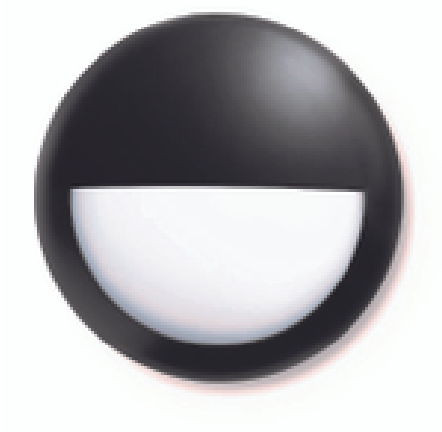
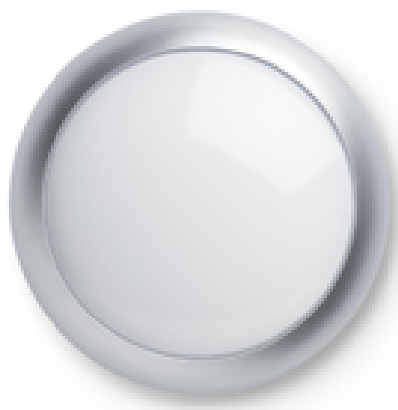
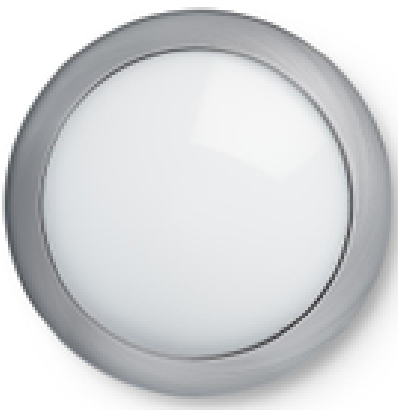
Outer carton Net weight- kg	<b>15.04</b>
Outer carton Gross weight- kg	<b>15.71</b>
Product Bar Code EAN-13 Number	<b>5052544108440</b>
Outer carton Bar Code ITF-14 Number	<b>15052544108447</b>

## Standards & Approvals

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







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