

JC070172

RadiaLED Rapid Modules

RadiaLED Rapid LED Module 4000K 16W Microwave On/Off Emergency



Features & Benefits

- 16W LED Module, for use with RadiaLED Rapid body JC070156
- 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
- Bodies, IK10, maximum impact rating
- Bodies, IP65 protection against dust and moisture
- Emergency, microwave and dimmable options
- 6 rim colour options, including black Eyelid

General Information

Product Group

Product Range

Trade Name

Light Source

Light Source Features

Product Shape

Additional Information

Mounting

IP Rating

Distance From Lighted Object

Origin of manufacturer

Warranty

LED Manufacturer/Type

LED- Surface

RadiaLED Rapid

RadiaLED

LED

Neutral White

Round

All lumen values stated are when module is installed in body

Press fit clip into JC070156 Body

IP65 when installed in Body

0.3

China

2 years standard warranty extends to 5 years when registered

within the first year of purchase(2 years on batteries) (See

Website for terms and conditions)Module must be registered with

the body

3528/Nationstar

Electrical

Voltage Rating	220-240
Secondary Running Current	300mA
Primary Running Current	0.18A
Operating Frequency Hz	50/60
CC or CV	Constant current
Luminaire Circuit Wattage	16
Sec - Voltage (V)	36-50VDC
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.5
Input Electrical Connections	Live, Unswitched Live, Neutral, Earth
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	13%
Inverter PFC	0.88

Thermals

Room Ambient Temperature	26°C
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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	1600
Lumens Per Circuit Watt	100
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

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	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

Packaging

Product Carton Dimensions	54 x 28 x 29cm
Product Packaged Weight	1.13
Quantity Per Outer Carton	8
Outer carton(L)- cm	54.0
Outer carton(W)- cm	28.0
Outer carton(H)- cm	29.0
Outer carton overall dimensions	54 x 28 x 29cm
Outer carton Net weight- kg	9.04kg
Outer carton Gross weight- kg	9.59kg
Product Bar Code EAN-13 Number	505254410655
Outer carton Bar Code ITF-14 Number	15052544106559

Standards & Approvals

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





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Version 17 [08 Sep 2020]