

JC23411WOP

## RadiaLED Utility Mains IP65 Ø205mm Bulkhead 12W 4000K 700lm LED Opal Microwave



### Features & Benefits

- IP65 weather resistant
- Anti-vandal construction
- Corrosion resistant, suitable for coastal locations
- Opal or prismatic polycarbonate diffuser options
- Dusk to dawn on/off photocell options available
- Up to 95 lumens per circuit Watt

### General Information

<b>Product Group</b>	LED - Surface
<b>Product Range</b>	RadiaLED Utility
<b>Trade Name</b>	RadiaLED
<b>Light Source</b>	LED
<b>Light Source Features</b>	Neutral White
<b>Lighting Product Type</b>	Surface Light
<b>Product Shape</b>	Round
<b>Mounting</b>	Wall
<b>Product Weight</b>	0.5kg
<b>Color Finish</b>	White
<b>Overall Dimensions</b>	203 x 85mm

#### JCC Lighting

Innovation Centre, Beeding Close, Southern Cross  
Trading Estate, Bognor Regis, West Sussex, PO22 9TS  
Company Registration Number: 03044848 | VAT Number: 918544112

T: 01243 838999 | F: 01243 838998 | sales@jcc.co.uk | www.jcc.co.uk

<b>Recommended Product Location</b>	Suitable for indoor or outdoor use, wall and ceiling mount
<b>Method Of Fix</b>	Back fix using screws provided
<b>IP Rating</b>	IP65
<b>Environment</b>	Outdoor
<b>Suitable For Zones</b>	Zones 1 and 2
<b>Origin Of Manufacture</b>	PRC
<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)
<b>Driver Manufacturer</b>	KG-POWER
<b>LED Manufacturer/Type</b>	2835/HONGLI

## Electrical

<b>Voltage Rating</b>	220-240
<b>Primary Running Current</b>	300mA
<b>Operating Frequency (Hz)</b>	50/60Hz
<b>CC or CV</b>	Constant Current
<b>Luminaire Circuit Wattage</b>	12W
<b>Class</b>	Class I, must be earthed
<b>Output Voltage (V)</b>	<40V
<b>EMC Compliant (EN55015)</b>	yes
<b>Power Factor Correction</b>	0.9
<b>Input Electrical Connections</b>	live, earth, neutral screw terminal (2 x conduit entry points)
<b>Dimmable</b>	yes

## Dimming Type

<b>Control</b>	Microwave
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## Thermals

<b>Max Luminaire Ambient Temp.</b>	26°C
<b>Max Driver/Ballast Ambient Temp.</b>	50°C
<b>Thermal Cut Out</b>	105°C

## Performance Data

<b>Energy Rating</b>	A
<b>Actual Lumen Output</b>	700
<b>Lumens Per Circuit Watt</b>	58
<b>LED Life (Hours) (L70)</b>	30,000

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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<b>Color Rendering Index</b>	80-89
<b>CRI: Ra</b>	80
<b>Correlated Color Temperature</b>	4000K
<b>LOR (Light Output Ratio) %</b>	100%
<b>Photometry Available</b>	yes
<b>Detection Motion Speed</b>	0.5-3m/s
<b>Detection Range</b>	16 metres installed at a height of 6 metres
<b>Installation Height</b>	6 metres max
<b>Power Consumption</b>	<1W standby mode
<b>Occupancy Sensor Mode of Operation</b>	Vacancy (Default) or Auto On
<b>Detection Area</b>	10%/50%/75%/100% (dip switch selection)
<b>Detection Angle</b>	150°(wall installation) 360°(ceiling installation)
<b>Hold Time</b>	5s/90s/3 min/10 min (dip switch selection)
<b>Corridor Function (Wait Time)</b>	0s/30s/10min/+ (dip switch selection) when set to 0s, the light will turn off after hold time
<b>Lux Settings</b>	5 lux/15 lux/50 lux/disable ( dip switch selection)
<b>Microwave Frequency</b>	5.8GHz+/-75MHz, ISM wave band
<b>Transmitting Power</b>	<0.5mW
<b>Standby-Dimming Level</b>	15%, can not be customized

## Construction

<b>Primary Material</b>	Polycarbonate
<b>Diffuser</b>	polycarbonate
<b>Heat Sink</b>	extruded aluminium
<b>Driver Housing</b>	polycarbonate

## Packaging

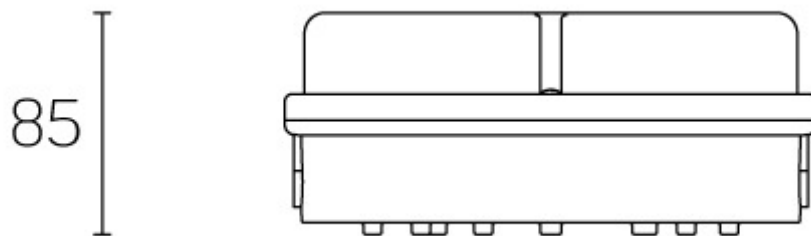
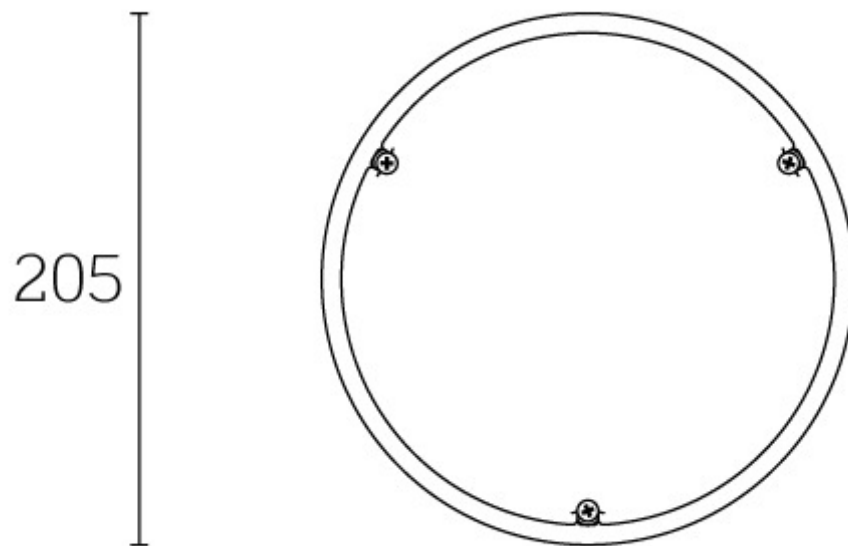
<b>Luminaire Carton Dimensions</b>	210 x 210 x 90mm
<b>Quantity Per Outer Carton</b>	12
<b>Bar Code EAN Number</b>	5052544053078
<b>Packaged Weight</b>	0.7kg

## Standards & Approvals

<b>Listings</b>	CE
<b>Manufactured In Accordance To</b>	BS EN 60598-2-1
<b>CE Marked</b>	yes
<b>Batch Coded</b>	yes
<b>WEEE Symbol</b>	yes
<b>Certificate Of Conformity</b>	available on request
<b>Accredited Members</b>	LIA, ISO9001:2015, ISO14001:2015

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