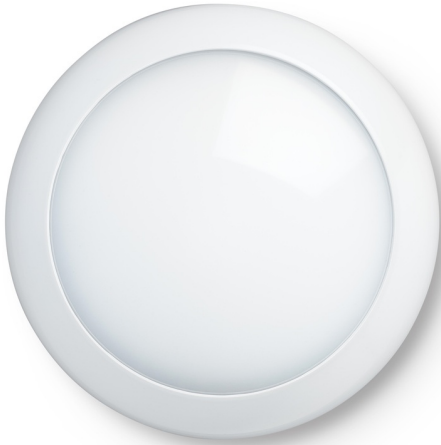


JC070009

## RadiaLED Optimum IP65 4000K 12W 1300lm Microwave Dimming



### Features & Benefits

- White rim included as standard
- Twin conduit side entry points
- Dusk to dawn on/off photocell options available
- IP65 weather resistant
- Black eyelid rim option
- 7 rim colour options
- 108 lumens per circuit Watt
- IK09 impact rating

### General Information

<b>Product Group</b>	LED - Surface
<b>Product Range</b>	RadiaLED Optimum
<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>Lighting Product Type</b>	Wall Light
<b>Product Shape</b>	Round
<b>Mounting</b>	Wall
<b>Product Weight</b>	0.97kg

#### JCC Lighting

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

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<b>Color Finish</b>	White
<b>Overall Dimensions</b>	99.7 x 343.6mm
<b>Recommended Product Location</b>	Suitable for interior and external use. Wall and ceiling mount
<b>Method Of Fix</b>	Back screw fix using screws provided.
<b>IP Rating</b>	IP65
<b>Environment</b>	Outdoor
<b>Suitable For Zones</b>	Zones 1 & 2
<b>Luminaire Accessories</b>	JC23340BLK / JC23340CH / JC23340SCH / JC23340BLN / JC23340SAS / JC23340AB(Rims) JC23340EYE(Eyelid)
<b>Distance From Lighted Object</b>	0.3m
<b>Origin Of Manufacture</b>	Made in 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)
<b>Driver Manufacturer</b>	KG-POWER
<b>LED Manufacturer/Type</b>	2835/HONGLI

## Electrical

<b>Voltage Rating</b>	220-240
<b>Secondary Running Current</b>	300mA
<b>Primary Running Current</b>	80mA
<b>Operating Frequency (Hz)</b>	50/60Hz
<b>CC or CV</b>	Constant current
<b>Luminaire Circuit Wattage</b>	12W
<b>Class</b>	Class II
<b>Output Voltage (V)</b>	30-40VDC
<b>EMC Compliant (EN55015)</b>	yes
<b>Power Factor Correction</b>	0.9
<b>Input Electrical Connections</b>	Live,Neutral, with earth provision - Screw Terminal (2 x conduit entry)
<b>Dimmable</b>	Yes, microwave dimming

## Dimming Type

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

<b>Room Ambient Temperature</b>	25°C
<b>Max Luminaire Ambient Temp.</b>	26°C

## Performance Data

<b>Energy Rating</b>	A++
<b>Actual Lumen Output</b>	1300
<b>Lumens Per Circuit Watt</b>	108

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<b>Standard Deviation Colour Matching - SDCM</b>	<6
<b>LED Life (Hours) (L70)</b>	30000
	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.
<b>Color Rendering Index</b>	80-89
<b>CRI: Ra</b>	80
<b>Correlated Color Temperature</b>	4000K
<b>Light Distribution Detail</b>	120-degree
<b>LOR (Light Output Ratio) %</b>	100%
<b>Photometry Available</b>	yes
<b>Detection Distance</b>	0.8 to 8 metres
<b>Detection Motion Speed</b>	0.5-3m/s
<b>Detection Range</b>	(Ø x h): 16m x 10m
<b>Occupancy Sensor Mode of Operation</b>	Vacancy (Default) or Auto On
<b>Detection Angle</b>	150°(wall installation), 360°(ceiling installation)
<b>Hold Time</b>	5s / 30s / 90s   3min / 20min / 30min
<b>Microwave Frequency</b>	5.8GHz±75MHz, ISM wave band
<b>Transmitting Power</b>	<0.5mW (1 % of transmitting power for cell phone)
<b>Daylight Sensor (On/Off) (NOT Daylight Harvesting)</b>	5lux / 10lux / 30lux / 50lux / Disable
<b>Sensor Default Settings</b>	10% / 20% / 30% / 40% / 50%

## Construction

<b>Primary Material</b>	Polycarbonate
<b>Outer Diffuser</b>	Polycarbonate
<b>Heat Sink</b>	PA6 nylon
<b>Driver Housing</b>	Polycarbonate
<b>Rim Or Attachment</b>	Polycarbonate

## Packaging

<b>Quantity Per Outer Carton</b>	6
<b>Bar Code EAN Number</b>	5052544097010

## Standards & Approvals

<b>Listings</b>	CE
<b>Listings</b>	Wall Light
<b>Listings</b>	Wet Location
<b>Manufactured In Accordance To</b>	BS EN 60598-2-1
<b>CE Marked</b>	yes

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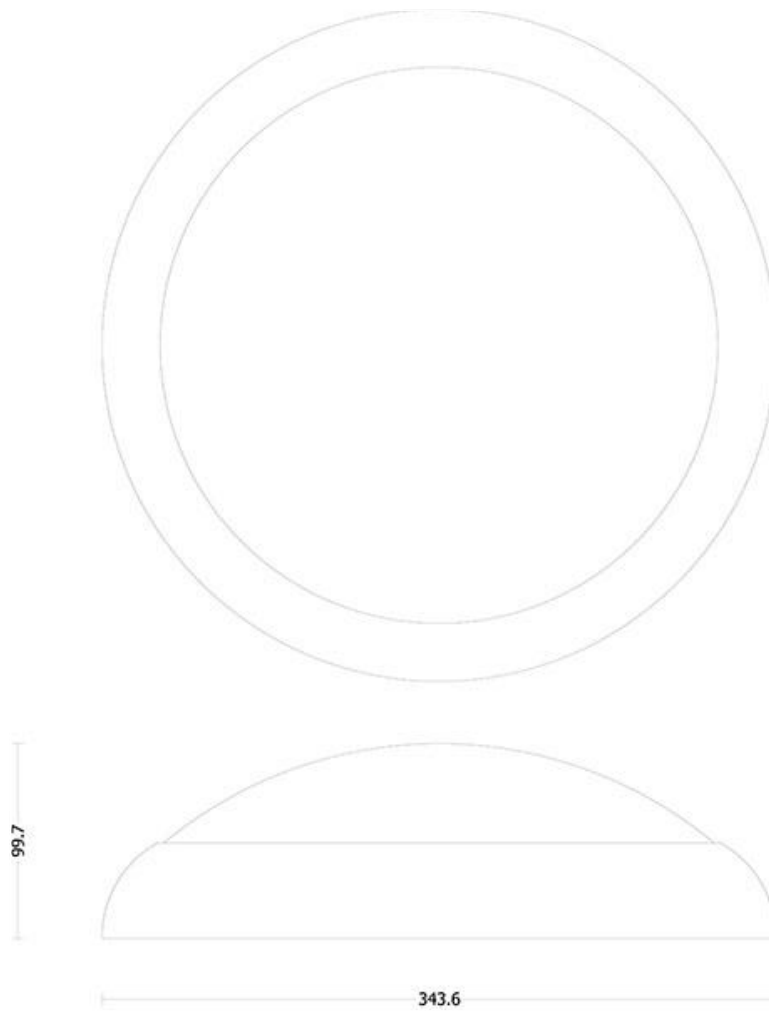
<b>WEEE Symbol</b>	yes
<b>Certificate Of Conformity</b>	Yes, available on request
<b>Accredited Members</b>	LIA, ISO9001:2015, ISO14001:2015

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