

JC23332WOP

**RadiaLED Optimum Mains IP65 Ø220mm Bulkhead 8W 450lm  
4000K LED 3M White/Opal**



## Features & Benefits

- Twin conduit side entry points
- Dusk to dawn on/off photocell options available
- IP65 weather resistant
- Rim accessories available,
- 83 lumens per circuit Watt

## General Information

|                              |                    |
|------------------------------|--------------------|
| <b>Product Group</b>         | LED - 3M Surface   |
| <b>Product Range</b>         | RadiaLED           |
| <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> | Emergency Lighting |

### 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>Product Shape</b>                | Round  |
| <b>Mounting</b>                     | Wall   |
| <b>Product Weight</b>               | 0.9Kg  |
| <b>Color Finish</b>                 | White  |
| <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>           | Zone 1 & 2   |
| <b>Luminaire Accessories</b>        | Rims (JC23330BLK / JC23330CH / JC23330SCH / JC23330WH)         |
| <b>Guarantee</b>                    | 5 year warranty(2 years on batteries)                          |
| <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>    | 180mA  |
| <b>Primary Running Current</b>      | 35mA   |
| <b>Operating Frequency (Hz)</b>     | 50/60Hz  |
| <b>CC or CV</b>                     | Constant current   |
| <b>Luminaire Circuit Wattage</b>    | 10.9W  |
| <b>Sec - Voltage (V)</b>            | 45VDC  |
| <b>Class</b>                        | Class I, Must be earthed   |
| <b>Output Voltage (V)</b>           | 33V DC   |
| <b>EMC Compliant (EN55015)</b>      | Yes  |
| <b>Power Factor Correction</b>      | 0.9  |
| <b>Input Electrical Connections</b> | Switched Live, Earth, Neutral, Un-switched Live screw terminal (2 x conduit entry) |
| <b>Dimmable</b>                     | No   |

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## Emergency Data

|                                       |  |
|---------------------------------------|--|
| <b>Load Voltage</b>                   | 45VDC  |
| <b>Nominal Battery Current</b>        | 1.1 Amp  |
| <b>Recharge Time</b>                  | 24 hours   |
| <b>Battery Specification</b>          | 3 cell C Type NI-MH 4000mAh (3.6V total)(Parallel) |
| <b>Battery Life In Emergency Mode</b> | 3 hours  |
| <b>Charge Current</b>                 | 200mA nom  |
| <b>DDP Protection</b>                 | Yes  |
| <b>LOR In Emergency Mode</b>          | 10%  |
| <b>Inverter PFC</b>                   | >0.9   |

## Thermals

|   |      |
|---|------|
| <b>Max Driver/Ballast Ambient Temp.</b> | 85°C |
| <b>Thermal Cut Out</b>                  | TBC  |

## Performance Data

|                                     |                 |
|-------------------------------------|-----------------|
| <b>Energy Rating</b>                | A+              |
| <b>Actual Lumen Output</b>          | 660             |
| <b>Lumens Per Circuit Watt</b>      | 60 lm/W         |
| <b>LED Life (Hours)</b>             | 30,000          |
| <b>Color Rendering Index</b>        | 80-89           |
| <b>CRI: Ra</b>                      | 85              |
| <b>Correlated Color Temperature</b> | 4000K           |
| <b>LOR (Light Output Ratio) %</b>   | 100%            |
| <b>Photometry Available</b>         | Yes, on request |

## Construction

|                         |               |
|-------------------------|---------------|
| <b>Primary Material</b> | Polycarbonate |
|-------------------------|---------------|

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|                          |                   |
|--------------------------|-------------------|
| <b>Diffuser</b>          | Polycarbonate     |
| <b>Driver Housing</b>    | Pressed steel     |
| <b>Rim Or Attachment</b> | Pressed aluminium |

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## Packaging

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|                                    |                       |
|------------------------------------|-----------------------|
| <b>Luminaire Carton Dimensions</b> | 240mm x 230mm x 100mm |
| <b>Quantity Per Outer Carton</b>   | 12                    |
| <b>Bar Code EAN Number</b>         | 5052544043277         |
| <b>Packaged Weight</b>             | 1.1Kg                 |

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## Standards & Approvals

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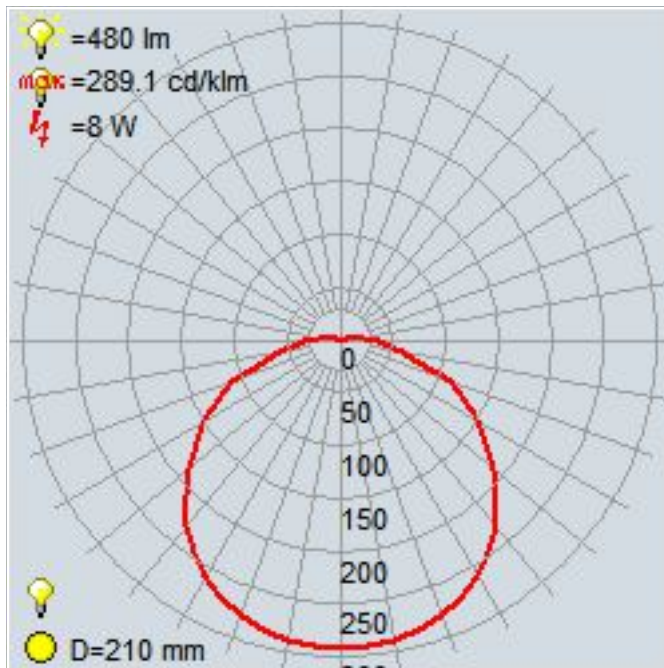
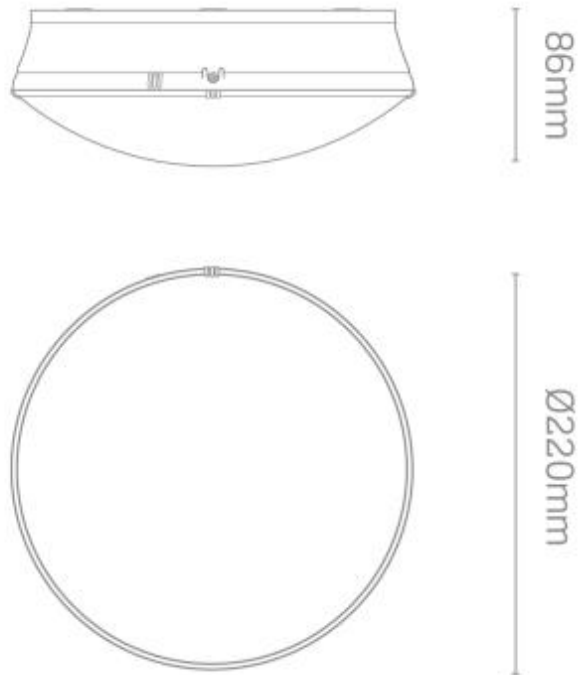
|                                      |                                  |
|--------------------------------------|----------------------------------|
| <b>Listings</b>                      | CE                               |
| <b>Manufactured In Accordance To</b> | BS EN 60598-2-1                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

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