PHAROS B LED 2D multi-function series
Datasheet

- Can be used for general, emergency and microwave sensor lighting applications
- Dimming optional
- No glass used. Ideal for covered walkways, stairwells, utility rooms and garages
- 3 hours emergency lighting (industry standard)
- Equipped with Epistar leds, Meanwell driver and built-in power supply
- IP65 rated, water and dust proof
- Complies with latest safety and EMC standards
- Lightweight aluminium profile with excellent heat dissipation
- More than 50,000 hours average operating life
- 5 years warranty
PHAROS B LED 2D multi-function series
Datasheet

Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Input Power</th>
<th>Output Power</th>
<th>Size (mm)</th>
<th>Lumens</th>
<th>CRI</th>
<th>Beam Angle</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHAR B STD</td>
<td>18W</td>
<td>15W</td>
<td>315 x 100</td>
<td>1600</td>
<td>&gt;82</td>
<td>150°</td>
<td>Standard</td>
</tr>
<tr>
<td>PHAR B EM</td>
<td>22W</td>
<td>17W</td>
<td>315 x 100</td>
<td>1800 (Em: 400)</td>
<td>&gt;82</td>
<td>150°</td>
<td>5W Emergency</td>
</tr>
<tr>
<td>PHAR B MW</td>
<td>22W</td>
<td>18W</td>
<td>315 x 100</td>
<td>1600</td>
<td>&gt;82</td>
<td>150°</td>
<td>Microwave Sensor</td>
</tr>
<tr>
<td>PHAR B EMW</td>
<td>26W</td>
<td>20W</td>
<td>315 x 100</td>
<td>1800 (Em: 400)</td>
<td>&gt;82</td>
<td>150°</td>
<td>5W Emergency + Microwave Sensor</td>
</tr>
</tbody>
</table>

CCT Range: WW (2700K - 3500K) NW (4000K - 4500L) DW (5000K - 5500K) CW (6000K - 6500K)

Temperature
- Operating: -10°C ~ +40°C
- Storage: -40°C ~ +85°C

Electrical Characteristics
- Input Voltage: AC 100 ~ 277V 50/60Hz
- Power Efficiency: ≥ 0.84

Battery Specifications

<table>
<thead>
<tr>
<th>Battery Discharge Current</th>
<th>Output Voltage</th>
<th>Output Constant Current</th>
<th>Output Power</th>
<th>Emergency Time</th>
<th>Batteries</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000mA (max)</td>
<td>30V - 33V</td>
<td>150mA (max)</td>
<td>3W</td>
<td>3 hours</td>
<td>12V 1600mAh NiMH</td>
</tr>
</tbody>
</table>

Microwave Sensor Specifications

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>Microwave Radiation Frequency</th>
<th>Recommended Installation Height</th>
<th>Built-in Daylight Sensor</th>
<th>Detecting Distance</th>
<th>Detecting Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC 5V</td>
<td>ISM 5.8GHz</td>
<td>3 metres</td>
<td>≤25 Lux</td>
<td>5 - 6 metres</td>
<td>360°</td>
</tr>
</tbody>
</table>

The microwave sensor operates as follows:
At 100% output when movement is detected.
Dims to 30% output when movement is no longer detected.
Turns off when no movement has been detected after the time delay set in the device (default = 1 minute).