PHAROS A LED 2D multi-function series (10W, 15W, 25W)
Datasheet

- Can be used for general, emergency and microwave sensor lighting applications
- Microwave sensor has either on/off or stepped (100%/25%) dimming operation
- No glass used. Ideal for covered walkways, stairwells, utility rooms and garages
- 3 hours emergency lighting (industry standard)
- Equipped with Epistar leds and external driver
- IP65 rated
- ABS cover. 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
Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Input Power</th>
<th>Output Power</th>
<th>Size (mm) diameter x h</th>
<th>Lumens ±10%</th>
<th>CRI</th>
<th>Beam Angle</th>
<th>Qty per carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHAR A 10 xxx*</td>
<td>11W</td>
<td>10W</td>
<td>275 x 90</td>
<td>950</td>
<td>&gt;80</td>
<td>120°</td>
<td>6</td>
</tr>
<tr>
<td>PHAR A 15 xxx*</td>
<td>17W</td>
<td>15W</td>
<td>330 x 100</td>
<td>1450</td>
<td>&gt;80</td>
<td>120°</td>
<td>4</td>
</tr>
<tr>
<td>PHAR A 25 xxx*</td>
<td>28W</td>
<td>25W</td>
<td>330 x 100</td>
<td>2300</td>
<td>&gt;80</td>
<td>120°</td>
<td>4</td>
</tr>
</tbody>
</table>

CCT Range: WW (3000K) NW (4000K) CW (6400K)

*Option (xxx)

- STD = Standard
- EM = 5W Emergency
- MW = Microwave Sensor
- EMW = 5W Emergency + Microwave Sensor

**Temperature**

- Operating: -20°C ~ +50°C (STD/EM)
- Operating: -20°C ~ +40°C (MW/EMW)

**Electrical Characteristics**

- Input Voltage: AC 100 ~ 240V 50/60Hz
- Power Efficiency: ≥ 0.85

**Battery / Microwave Sensor Specifications**

<table>
<thead>
<tr>
<th>Battery Duration</th>
<th>Battery Charging Time</th>
<th>Battery Output Power</th>
<th>Battery Type</th>
<th>MW Detection Range</th>
<th>MW Time Delay</th>
<th>MW Detection Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 hrs</td>
<td>24 hrs</td>
<td>3W</td>
<td>Lithium 1800mAh</td>
<td>6 - 8m</td>
<td>90s</td>
<td>360°</td>
</tr>
</tbody>
</table>

**Light Distribution (at 100% output)**