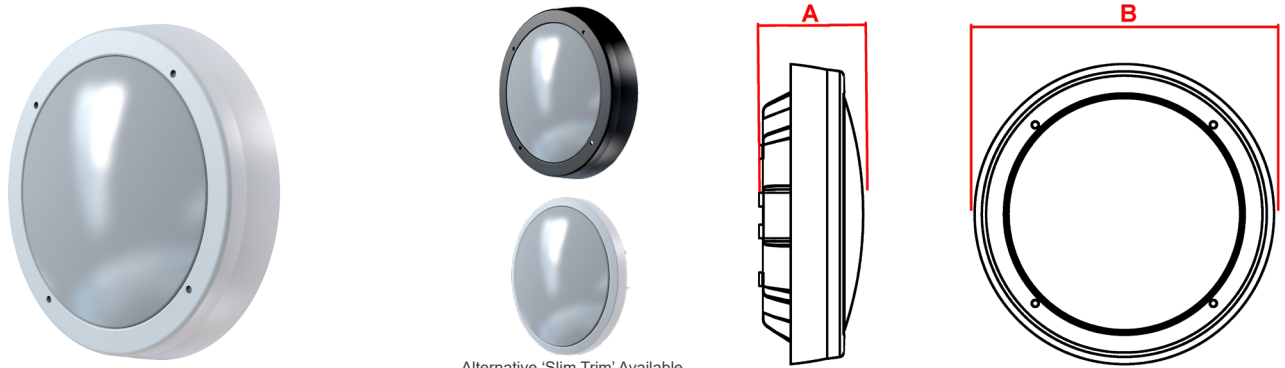


# Solaris

## Wall Mounted Circular Bulkhead



Alternative 'Slim Trim' Available

|                    |             |                 |                                 |
|--------------------|-------------|-----------------|---------------------------------|
| 274<br>Lumens      | 12<br>Watts | 3000K/<br>4000K | Wall and<br>Ceiling<br>Mounting |
| LiFePO4<br>Battery | IK<br>10    | IP<br>65        | 4Y<br>Warranty                  |

### Materials

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Housing:             | Polycarbonate                                    |
| Standard Colour:     | White - RAL 9016                                 |
| Alternative Colours: | Black - RAL 9017<br>Add <b>/BL</b> to Order Code |

### Warranty

|                       |                                         |
|-----------------------|-----------------------------------------|
| Standard Warranty:    | 4 Years                                 |
| Alternative Warranty: | 8 Years<br>Add <b>/8Y</b> to Order Code |

Deep Trim supplied as Standard  
Add **/NT** for Slim Trim

|                                               |                                                                    |
|-----------------------------------------------|--------------------------------------------------------------------|
| Order Code                                    | SRM3/LED                                                           |
| Mode of operation                             | Maintained                                                         |
| Emergency duration                            | 3 hours                                                            |
| Input voltage                                 | 230/240V 50/60Hz                                                   |
| Power consumption                             | 18VA, $I_{nom} = 0.75A$                                            |
| Battery type                                  | 6.4V 1.5 Ah LiFePO4 battery                                        |
| Battery low voltage cut off                   | 5 VDC                                                              |
| Battery discharge current @ 6.4VDC            | 0.4A                                                               |
| Lamp                                          | P <sub>rated</sub> = 12W LED                                       |
| Lamp colour                                   | 3000K (Selectable between 3000K & 4000K using switch on LED plate) |
| Lumen level in emergency                      | 274lm                                                              |
| Luminaire lumen level in mains                | 1500lm                                                             |
| Lamp Lifetime                                 | L <sub>80</sub> B <sub>50</sub>                                    |
| MacAdam Ellipse/SDCM rating                   | <6                                                                 |
| Nominal lamp power in emergency               | P <sub>rated</sub> = 2.2W                                          |
| Nominal lamp current in mains                 | 0.35A                                                              |
| Maximum output voltage with no lamp connected | U OUT = 60 VDC                                                     |
| Ingress protection                            | IP65                                                               |
| Luminaire class                               | CLASS II                                                           |
| Product Weight                                | 1.0 kg                                                             |
| Packaging Weight                              | 0.25Kg                                                             |
| Standards                                     | EN61347-2-7, EN61347-2-13, EN 60598-2-22                           |
| Environment                                   | 0°C to 45°C up to 80% relative humidity                            |

| System                                                                     | Order Code   | Mode of Operation | Battery               | Battery P/N | Lumens (Emergency) | Lumens (Mains) | Dimensions (mm) |     |
|----------------------------------------------------------------------------|--------------|-------------------|-----------------------|-------------|--------------------|----------------|-----------------|-----|
|                                                                            |              |                   |                       |             |                    |                | A               | B   |
| Standalone                                                                 | SRM3/LED     | Maintained        | 6.4V, 1500mAh LiFePO4 | 70159       | 274                | 1500           | 90              | 320 |
| Alternative Systems Available: Specification Sheets Available Upon Request |              |                   |                       |             |                    |                |                 |     |
| Standalone c/w MWS                                                         | SRM3/LED/MWS | Maintained        | 6.4V, 1500mAh LiFePO4 | 70159       | 274                | 1500           | 90              | 320 |
| Mains                                                                      | SR/LED/230   | Mains             | -                     | -           | -                  | 1500           | 90              | 320 |

### Photometrics

| Mounting Height | Lighting level directly under Luminaire (Lux) | Luminaire Spacing (Metres) |     |      |      |
|-----------------|-----------------------------------------------|----------------------------|-----|------|------|
|                 |                                               | 0.5                        | 1.0 | 0.5  | 1.0  |
| 2m              | 18.98                                         | 4.3                        | 3.5 | 10.4 | 8.6  |
| 2.5m            | 12.15                                         | 4.7                        | 3.8 | 11.5 | 9.4  |
| 3m              | 8.44                                          | 5.0                        | 4.0 | 12.4 | 10.0 |
| 4m              | 4.75                                          | 5.5                        | 4.2 | 13.9 | 11.0 |
| 6m              | 2.11                                          | 5.9                        | 3.9 | 15.8 | 11.8 |
| 8m              | 1.19                                          | 5.7                        | 2.3 | 16.6 | 11.3 |
| 10m             | 0.76                                          | 4.7                        | -   | 16.5 | 9.3  |

