

430157-M3

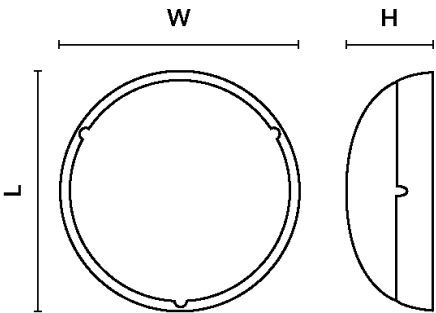
Technical Specification

Amenity

Royd Anti-Tamper Bulkhead 12W 3CCT Emergency White



Tough and Durable body and Polycarbonate diffuser, Wall and Ceiling Mount, LED lifespan 50,000 hours L70, Standard, Microwave, Emergency and 3 Step Dimming options available, IK08 Impact rated, Tamper proof screws



General Data

|                                |                                 |
|--------------------------------|---------------------------------|
| Technology                     | LED                             |
| Mounting options               | Ceiling   Wall                  |
| Install Options                | BESA   20mm Knock out           |
| Electrical Connector Type      | Push Terminal                   |
| Input Cable                    | No                              |
| Input Electrical Connection    | Live   Neutral   Earth   P Live |
| General Application            | Residential   Commercial        |
| Operating Temperature Range °C | 0 + 30                          |
| Warranty (Years)               | 5                               |

**Optical Data**

|                                  |                    |
|----------------------------------|--------------------|
| LED Manufacturer / Type          | MTC Lighting       |
| Fixture Luminous Flux (Lm)       | 1339   1405   1381 |
| Luminaire Efficacy @3000K (lm/W) | 113                |
| Luminaire Efficacy @4000K (lm/W) | 122                |
| Luminaire Efficacy @6000K (lm/W) | 117                |
| LOR %                            | 100                |
| Colour Selectable                | Yes                |
| Beam Angle°                      | 115                |
| Optics                           | Symetric           |
| Photobiological Risk Group       | RG0                |

**Light Source Data**

|                        |                                    |
|------------------------|------------------------------------|
| Energy Class           | E                                  |
| Colour Temperature (K) | 3000   4000   6000                 |
| Light Colour           | Warm Light   Cool White   Daylight |
| CRI Ra                 | 80                                 |

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## Electrical Data

|                                         |                    |
|-----------------------------------------|--------------------|
| <b>Wattage (W)</b>                      | 12                 |
| <b>Total Power Consumption (W)</b>      | 11.8   11.5   11.8 |
| <b>Mains voltage (V)</b>                | 220 - 240          |
| <b>Lamp power factor</b>                | >80                |
| <b>Electrical protection</b>            | Class I            |
| <b>Driver Output (V)</b>                | 30-45              |
| <b>Driver Output Current (mA)</b>       | 410                |
| <b>Control Gear Type CC or CV</b>       | Constant Current   |
| <b>SVM</b>                              | 0.03               |
| <b>PstLM</b>                            | 0.02               |
| <b>LED Flicker Rate</b>                 | 1.21               |
| <b>Dimmable</b>                         | No                 |
| <b>Driver Brand</b>                     | Lumineux           |
| <b>Inrush Current (A)</b>               | <20                |
| <b>Glow Wire Test (°C)</b>              | 850                |
| <b>Nominal Frequency (Hz)</b>           | 50/60              |
| <b>Max. Luminaire per 10A C Breaker</b> | 56                 |
| <b>Max. Luminaire per 13A C Breaker</b> | 72                 |
| <b>Max. Luminaire per 16A C Breaker</b> | 89                 |
| <b>Max. Luminaire per 20A C Breaker</b> | 111                |
| <b>Max. Luminaire per 10A B Breaker</b> | 33                 |
| <b>Max. Luminaire per 13A B Breaker</b> | 43                 |
| <b>Max. Luminaire per 16A B Breaker</b> | 53                 |
| <b>Max. Luminaire per 20A B Breaker</b> | 67                 |

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## Technical Specification

### Lifetime Data

|                              |       |
|------------------------------|-------|
| Lifespan L70 B50 @25°C (Hrs) | 50000 |
|------------------------------|-------|

### Emergency Data

|                            |            |
|----------------------------|------------|
| Battery Type               | LiFeP04    |
| Battery Capacity (mAh)     | 1500mAh    |
| Battery Warranty (Years)   | 2          |
| Recharge Time (Hours)      | 24 Hours   |
| Emergency Type             | Maintained |
| Test Procedure             | Manual     |
| Emergency Duration (Hours) | 3          |
| Emergency Output           | 160        |

### Physical Data

|                             |                |
|-----------------------------|----------------|
| Housing colour              | White RAL 9016 |
| Body material               | ABS            |
| Driver Housing              | Polycarbonate  |
| IP Rating                   | 65             |
| IK Rating                   | 8              |
| Diffuser Material           | Polycarbonate  |
| Diffuser finish             | Frosted        |
| Nominal Product Length (mm) | 305            |
| Nominal Product Width (mm)  | 305            |
| Nominal Product Height (mm) | 110            |
| Weight (kg)                 | 0.875          |

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**Standards and Approvals**

|                               |                         |
|-------------------------------|-------------------------|
| Manufactured In Accordance To | EN 60598-1 EN60598-2-22 |
| CE Mark                       | Yes                     |
| UKCA Mark                     | Yes                     |
| WEEE Symbol                   | Yes                     |
| Certificate Of Conformity     | Available on Request    |
| Accredited Members            | LIA, ISO9001            |

**Product Relations**



**430158-MW**  
**Royd Anti-Tamper Bulkhead 20W 3CCT Microwave White**



**430158**  
**Royd Anti-Tamper Bulkhead 20W 3CCT White**



**430158-SD**  
**Royd Anti-Tamper Bulkhead 20W 3CCT Step Dim White**

