

430239-M3-MW

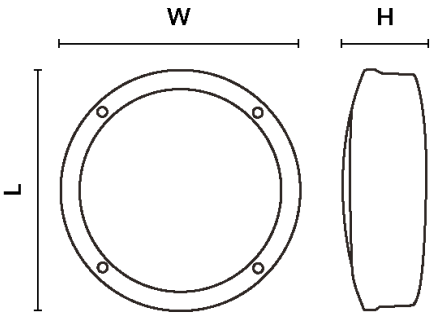
Technical Specification

Amenity

Hollingworth Diecast Bulkhead Full 20W 3CCT Emergency Microwave Black



Tough and Durable Diecast body with Polycarbonate diffuser, Wall and Ceiling Mount, LED lifespan 50,000 hours L70, Standard, Microwave, Emergency, Dusk to Dawn and 3 step dimming options available, IK10 Impact rated



General Data

|                                |                                 |
|--------------------------------|---------------------------------|
| Technology                     | LED                             |
| Mounting options               | Ceiling   Wall                  |
| Install Options                | 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                               |

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### Optical Data

|                                  |                    |
|----------------------------------|--------------------|
| LED Manufacturer / Type          | BMTC 2835          |
| Fixture Luminous Flux (Lm)       | 1652   1737   1631 |
| Luminaire Efficacy @3000K (lm/W) | 85                 |
| Luminaire Efficacy @4000K (lm/W) | 94                 |
| Luminaire Efficacy @6000K (lm/W) | 85                 |
| LOR %                            | 100                |
| Colour Selectable                | Yes                |
| Beam Angle°                      | 110                |
| Optics                           | Symetric           |
| Photobiological Risk Group       | RG0                |

### Light Source Data

|                        |                                    |
|------------------------|------------------------------------|
| Energy Class           | F                                  |
| 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>                      | 20                 |
| <b>Total Power Consumption (W)</b>      | 19.4   18.4   19.2 |
| <b>Mains voltage (V)</b>                | 220 - 240          |
| <b>Lamp power factor</b>                | >80                |
| <b>Electrical protection</b>            | Class I            |
| <b>Driver Output (V)</b>                | 70-100             |
| <b>Driver Output Current (mA)</b>       | 175-190            |
| <b>Control Gear Type CC or CV</b>       | Constant Current   |
| <b>SVM</b>                              | 0.02               |
| <b>PstLM</b>                            | 0.02               |
| <b>LED Flicker Rate</b>                 | 0.47               |
| <b>Dimmable</b>                         | No                 |
| <b>Driver Brand</b>                     | Lumineux           |
| <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                 |

**Lifetime Data**

|                                     |       |
|-------------------------------------|-------|
| <b>Lifespan L70 B50 @25°C (Hrs)</b> | 50000 |
|-------------------------------------|-------|

**Emergency Data**

|                            |            |
|----------------------------|------------|
| Battery Type               | LiFeP04    |
| Battery Capacity (mAh)     | 1600mAh    |
| Battery Warranty (Years)   | 2          |
| Recharge Time (Hours)      | 24 Hours   |
| Emergency Type             | Maintained |
| Test Procedure             | Manual     |
| Emergency Duration (Hours) | 3          |
| Emergency Output           | 160        |

**Sensor Data**

|                          |                                          |
|--------------------------|------------------------------------------|
| Sensor Technology        | Microwave                                |
| Sensor Type              | ON/OFF                                   |
| Max. Mounting Height (M) | 6                                        |
| Hold Time                | 5s 30s 90s 5min 20min 30min              |
| Detection area (m)       | 4-6                                      |
| Daylight Threshold       | 5Lux 15Lux   30Lux   Disable             |
| Detection radius (°)     | 150 (Wall mounted)/360 (Ceiling mounted) |

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**Physical Data**

|                             |                    |
|-----------------------------|--------------------|
| Housing colour              | Black RAL 7021     |
| Body material               | Aluminium Die Cast |
| Driver Housing              | Polycarbonate      |
| IP Rating                   | 65                 |
| IK Rating                   | 10                 |
| Diffuser Material           | Polycarbonate      |
| Diffuser finish             | Frosted            |
| Nominal Product Length (mm) | 365                |
| Nominal Product Width (mm)  | 365                |
| Nominal Product Height (mm) | 105                |
| Weight (kg)                 | 3.5                |

**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



**430240-SD**  
**Hollingworth Diecast Bulkhead Eyelid 20W 3CCT Step Dim Black**

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Technical Specification



**430240-DD**

**Hollingworth Diecast Bulkhead Eyelid 20W 3CCT Dusk to Dawn Black**



**430240-MW**

**Hollingworth Diecast Bulkhead Eyelid 20W 3CCT Microwave Black**



**430240**

**Hollingworth Diecast Bulkhead Eyelid 20W 3CCT Black**



**431130**

**Hollingworth Diecast Eyelid Bulkhead 12W/16W/18W 3CCT Black Plug & Play IP65**

