

401581

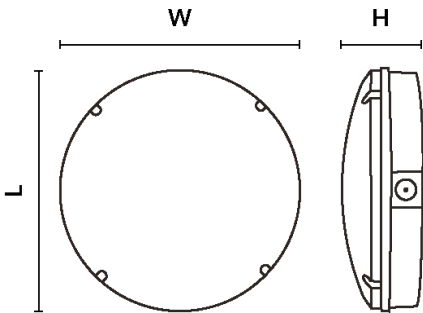
Technical Specification

Amenity

Hatherton Multi Bulkhead 16W 3CCT White



Tough and Durable body and Polycarbonate diffuser, Wall and Ceiling Mount, LED lifespan 50,000 hours L70, Standard, Microwave, Emergency, Dusk to Dawn and 3 step dimming options available, IK08 Impact rated, Clip-on Bezels, 20mm conduit entry



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   |
| General Application            | Residential   Commercial |
| Operating Temperature Range °C | -20 - +40                |
| Warranty (Years)               | 5                        |

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## Technical Specification

## Optical Data

|                                         |                    |
|-----------------------------------------|--------------------|
| <b>LED Manufacturer / Type</b>          | MTC Lighting       |
| <b>Fixture Luminous Flux (Lm)</b>       | 1727   1829   1807 |
| <b>Luminaire Efficacy @3000K (lm/W)</b> | 116                |
| <b>Luminaire Efficacy @4000K (lm/W)</b> | 128                |
| <b>Luminaire Efficacy @6000K (lm/W)</b> | 121                |
| <b>LOR %</b>                            | 100                |
| <b>Colour Selectable</b>                | Yes                |
| <b>Beam Angle°</b>                      | 115                |
| <b>Optics</b>                           | Symetric           |
| <b>Photobiological Risk Group</b>       | RG0                |

## Light Source Data

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

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## Electrical Data

|                                  |                  |
|----------------------------------|------------------|
| Wattage (W)                      | 16               |
| Total Power Consumption (W)      | 14.8   14.3 14.9 |
| Mains voltage (V)                | 220 - 240        |
| Lamp power factor                | >75              |
| Electrical protection            | Class I          |
| Driver Output (V)                | 30-45            |
| Driver Output Current (mA)       | 380              |
| Control Gear Type CC or CV       | Constant Current |
| SVM                              | 0.04             |
| PstLM                            | 0.01             |
| LED Flicker Rate                 | 0.96             |
| Dimmable                         | No               |
| Driver Brand                     | Lumineux         |
| Inrush Current (A)               | <20              |
| Glow Wire Test (°C)              | 850              |
| Nominal Frequency (Hz)           | 50/60            |
| Max. Luminaire per 10A C Breaker | 56               |
| Max. Luminaire per 13A C Breaker | 72               |
| Max. Luminaire per 16A C Breaker | 89               |
| Max. Luminaire per 20A C Breaker | 111              |
| Max. Luminaire per 10A B Breaker | 33               |
| Max. Luminaire per 13A B Breaker | 43               |
| Max. Luminaire per 16A B Breaker | 53               |
| Max. Luminaire per 20A B Breaker | 67               |

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## Lifetime Data

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

## Physical Data

|                |                |
|----------------|----------------|
| Housing colour | White RAL 9016 |
|----------------|----------------|

|               |     |
|---------------|-----|
| Body material | ABS |
|---------------|-----|

|                |               |
|----------------|---------------|
| Driver Housing | Polycarbonate |
|----------------|---------------|

|           |    |
|-----------|----|
| IP Rating | 66 |
|-----------|----|

|           |   |
|-----------|---|
| IK Rating | 8 |
|-----------|---|

|                   |               |
|-------------------|---------------|
| Diffuser Material | Polycarbonate |
|-------------------|---------------|

|                 |         |
|-----------------|---------|
| Diffuser finish | Frosted |
|-----------------|---------|

|                             |     |
|-----------------------------|-----|
| Nominal Product Length (mm) | 300 |
|-----------------------------|-----|

|                            |     |
|----------------------------|-----|
| Nominal Product Width (mm) | 300 |
|----------------------------|-----|

|                             |    |
|-----------------------------|----|
| Nominal Product Height (mm) | 92 |
|-----------------------------|----|

|             |     |
|-------------|-----|
| Weight (kg) | 0.8 |
|-------------|-----|

## Standards and Approvals

|                               |            |
|-------------------------------|------------|
| Manufactured In Accordance To | EN 60598-1 |
|-------------------------------|------------|

|         |     |
|---------|-----|
| CE Mark | Yes |
|---------|-----|

|           |     |
|-----------|-----|
| UKCA Mark | Yes |
|-----------|-----|

|             |     |
|-------------|-----|
| WEEE Symbol | Yes |
|-------------|-----|

|                           |                      |
|---------------------------|----------------------|
| Certificate Of Conformity | Available on Request |
|---------------------------|----------------------|

|                    |              |
|--------------------|--------------|
| Accredited Members | LIA, ISO9001 |
|--------------------|--------------|

## Product Relations

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Technical Specification



**401589**  
**Hatherton Clip on Full Bezel Black**



**401588**  
**Hatherton Clip on Full Bezel White**



**401592**  
**Hatherton Clip on Eyelid Bezel Black**



**401595**  
**Hatherton Clip on Decorative Bezel Black**



**401598**  
**Hatherton Clip on Grill Bezel Black**

