

430686

Technical Specification

Commercial

Blakeley Retail Pendant 75W 4000K White



Compact modern cylindrical Mounted design, Easy installation, Low glare Polycarbonate reflector



General Data

|                                |                        |
|--------------------------------|------------------------|
| Technology                     | LED                    |
| Mounting options               | Ceiling   Suspended    |
| Install Options                | Ceiling                |
| Electrical Connector Type      | Flying Lead            |
| Input Cable                    | No                     |
| Input Electrical Connection    | Live   Neutral   Earth |
| General Application            | Commercial   Retail    |
| Operating Temperature Range °C | -30 - +40              |
| Warranty (Years)               | 5                      |

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## Optical Data

|                                         |                  |
|-----------------------------------------|------------------|
| <b>LED Manufacturer / Type</b>          | Jiangxi SMD 2835 |
| <b>Fixture Luminous Flux (Lm)</b>       | 10738            |
| <b>Luminaire Efficacy @4000K (lm/W)</b> | 143              |
| <b>LOR %</b>                            | 100              |
| <b>Colour Selectable</b>                | No               |
| <b>Beam Angle°</b>                      | 100              |
| <b>Glare Control (UGR)</b>              | 22               |
| <b>Photobiological Risk Group</b>       | RG1              |

## Light Source Data

|                               |      |
|-------------------------------|------|
| <b>Energy Class</b>           | D    |
| <b>Lm/W</b>                   | 143  |
| <b>Colour Temperature (K)</b> | 4000 |
| <b>CRI Ra</b>                 | 80   |

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## Electrical Data

|                                         |                     |
|-----------------------------------------|---------------------|
| <b>Wattage (W)</b>                      | 75                  |
| <b>Total Power Consumption (W)</b>      | 74.8                |
| <b>Mains voltage (V)</b>                | 100-140   220 - 240 |
| <b>Lamp power factor</b>                | 0.92                |
| <b>Electrical protection</b>            | Class I             |
| <b>Driver Output (V)</b>                | 100-300             |
| <b>Driver Output Current (mA)</b>       | 730                 |
| <b>Control Gear Type CC or CV</b>       | Constant Current    |
| <b>Dimmable</b>                         | No                  |
| <b>Driver Brand</b>                     | Sosen               |
| <b>Inrush Current (A)</b>               | 25                  |
| <b>Nominal Frequency (Hz)</b>           | 50/60               |
| <b>Surge Protection (kV)</b>            | 4                   |
| <b>Max. Luminaire per 10A C Breaker</b> | 27                  |
| <b>Max. Luminaire per 13A C Breaker</b> | 35                  |
| <b>Max. Luminaire per 16A C Breaker</b> | 45                  |
| <b>Max. Luminaire per 20A C Breaker</b> | 58                  |
| <b>Max. Luminaire per 10A B Breaker</b> | 16                  |
| <b>Max. Luminaire per 13A B Breaker</b> | 21                  |
| <b>Max. Luminaire per 16A B Breaker</b> | 27                  |
| <b>Max. Luminaire per 20A B Breaker</b> | 35                  |

## Lifetime Data

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

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Physical Data

|                             |                            |
|-----------------------------|----------------------------|
| Housing colour              | White RAL9016              |
| Body material               | Tempered Glass             |
| Driver Housing              | Sheet Metal                |
| IP Rating                   | 42                         |
| IK Rating                   | 8                          |
| Diffuser Material           | Polycarbonate optical Lens |
| Nominal Product Length (mm) | 278                        |
| Nominal Product Width (mm)  | 278                        |
| Nominal Product Height (mm) | 276                        |
| Weight (kg)                 | 2.5                        |

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         |

