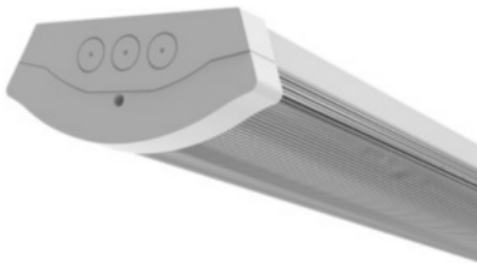


## Linear

### UGR Academic Batten 4ft Dual Wattage 18W & 32W 4000K White



Robust steel body, Ribbed Polycarbonate diffuser to reduce glare, Multi 20mm conduit entry, Switchable wattage available on internal driver High output self-test Emergency available



## General Data

|                                       |                                 |
|---------------------------------------|---------------------------------|
| <b>Technology</b>                     | LED                             |
| <b>Mounting options</b>               | Ceiling   Wall   Suspended      |
| <b>Electrical Connector Type</b>      | Push fit terminal               |
| <b>Install Options</b>                | BESA                            |
| <b>Input Cable</b>                    | No                              |
| <b>Input Electrical Connection</b>    | Live   Neutral   Earth   P Live |
| <b>General Application</b>            | Residential   Commercial        |
| <b>Operating Temperature Range °C</b> | 0 - +30                         |
| <b>Warranty (Years)</b>               | 5                               |

## Optical Data

|   |             |
|---|-------------|
| <b>LED Manufacturer / Type</b>          | Everlight   |
| <b>Fixture Luminous Flux (Lm)</b>       | 2425   4475 |
| <b>Luminaire Efficacy @4000K (lm/W)</b> | 140         |
| <b>LOR %</b>                            | 100         |
| <b>Colour Selectable</b>                | No          |
| <b>Beam Angle°</b>                      | 75          |
| <b>Glare Control (UGR)</b>              | <19         |
| <b>Photobiological Risk Group</b>       | RG0         |

## Light Source Data

|                               |            |
|-------------------------------|------------|
| <b>Energy Class</b>           | B          |
| <b>SDCM</b>                   | 5          |
| <b>Colour Temperature (K)</b> | 4000       |
| <b>Light Colour</b>           | Cool White |
| <b>CRI Ra</b>                 | 80         |

## Electrical Data

|                                    |                  |
|------------------------------------|------------------|
| <b>Wattage (W)</b>                 | 18   32          |
| <b>Total power consumption (W)</b> | 17.9   32.1      |
| <b>Mains voltage (V)</b>           | 220 - 240        |
| <b>Lamp power factor</b>           | >0.95            |
| <b>Electrical protection</b>       | Class I          |
| <b>Driver Output (V)</b>           | 39-42            |
| <b>Driver Output Current (mA)</b>  | 400   680        |
| <b>Control Gear Type CC or CV</b>  | Constant Current |
| <b>Dimmable</b>                    | No               |
| <b>Driver Brand</b>                | Luminaireux      |
| <b>Nominal Frequency (Hz)</b>      | 50   60          |

## Lifetime Data

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

## Emergency Data

|                                   |                |
|-----------------------------------|----------------|
| <b>Battery Type</b>               | LiFeP04        |
| <b>Battery Capacity (mAh)</b>     | 1500mAh        |
| <b>Battery Warranty (Years)</b>   | 2              |
| <b>Recharge Time (Hours)</b>      | 24 Hours       |
| <b>Emergency Type</b>             | Non-Maintained |
| <b>Test Procedure</b>             | Self-Test      |
| <b>Emergency Duration (Hours)</b> | 3              |
| <b>Emergency Output</b>           | 160            |

## Sensor Data

|                                 |  |
|---------------------------------|--|
| <b>Sensor Technology</b>        | Microwave                                |
| <b>Sensor Type</b>              | ON/OFF                                   |
| <b>Max. Mounting Height (m)</b> | 6  |
| <b>Hold time</b>                | 5s   30s   90s   3min   20min   30min    |
| <b>Detection area (m)</b>       | 12                                       |
| <b>Daylight Threshold</b>       | 2Lux   10Lux   25Lux   50Lux   Disable   |
| <b>Detection radius (°)</b>     | 150 (Wall mounted) 360 (Ceiling Mounted) |

## Physical Data

|                                    |                |
|------------------------------------|----------------|
| <b>Housing Colour</b>              | White RAL 9016 |
| <b>Body Material</b>               | Steel          |
| <b>Driver Housing</b>              | Polycarbonate  |
| <b>IP Rating</b>                   | 20             |
| <b>IK Rating</b>                   | 4              |
| <b>Diffuser Material</b>           | Polycarbonate  |
| <b>Diffuser Finish</b>             | Milky          |
| <b>Nominal Product Length (mm)</b> | 1190           |
| <b>Nominal Product Width (mm)</b>  | 203            |
| <b>Nominal Product Height (mm)</b> | 83             |
| <b>Weight (kg)</b>                 | 2.56           |

## Standards and Approvals

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

