

430043

Technical Specification

Linear

Sutton Batten 60W 4000K 6ft Twin White



Frosted, ribbed Polycarbonate diffuser to reduce glare, Improved thermals utilising Aluminium back PCBs, Push fit terminals, 20mm conduit entry, Additional screw to secure end cap, H3 – High Output Emergency 440lm option available



General Data

|                                |                            |
|--------------------------------|----------------------------|
| Technology                     | LED                        |
| Mounting options               | Ceiling   Wall   Suspended |
| Install Options                | BESA                       |
| Electrical Connector Type      | Push fit terminal          |
| Input Cable                    | No                         |
| Input Electrical Connection    | Live   Neutral   Earth     |
| General Application            | Commercial   Educational   |
| Operating Temperature Range °C | 0 - +40                    |
| Warranty (Years)               | 5                          |

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## Optical Data

|                                  |      |
|----------------------------------|------|
| LED Manufacturer / Type          | MTC  |
| Fixture Luminous Flux (Lm)       | 7320 |
| Luminaire Efficacy @4000K (lm/W) | 121  |
| LOR %                            | 100  |
| Colour Selectable                | No   |
| Beam Angle°                      | 120  |
| Photobiological Risk Group       | RG0  |

## Light Source Data

|                        |            |
|------------------------|------------|
| Energy Class           | C          |
| Lumens                 | 8843       |
| Lm/W                   | 176        |
| Colour Temperature (K) | 4000       |
| Light Colour           | Cool White |
| CRI Ra                 | 80         |

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## Electrical Data

|                                         |                  |
|-----------------------------------------|------------------|
| <b>Wattage (W)</b>                      | 60               |
| <b>Total Power Consumption (W)</b>      | 60.4             |
| <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>                | 30 - 42          |
| <b>Driver Output Current (mA)</b>       | 1400             |
| <b>Control Gear Type CC or CV</b>       | Constant Current |
| <b>SVM</b>                              | 0                |
| <b>PstLM</b>                            | 0.05             |
| <b>LED Flicker Rate</b>                 | 0.16             |
| <b>Dimmable</b>                         | No               |
| <b>Driver Brand</b>                     | Boke             |
| <b>Inrush Current (A)</b>               | 8.7              |
| <b>Nominal Frequency (Hz)</b>           | 50/60            |
| <b>Surge Protection (kV)</b>            | 2                |
| <b>Max. Luminaire per 10A C Breaker</b> | 20               |
| <b>Max. Luminaire per 13A C Breaker</b> | 30               |
| <b>Max. Luminaire per 16A C Breaker</b> | 40               |
| <b>Max. Luminaire per 20A C Breaker</b> | 50               |
| <b>Max. Luminaire per 10A B Breaker</b> | 16               |
| <b>Max. Luminaire per 13A B Breaker</b> | 24               |
| <b>Max. Luminaire per 16A B Breaker</b> | 32               |
| <b>Max. Luminaire per 20A B Breaker</b> | 40               |

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### Lifetime Data

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

### Physical Data

|                |                |
|----------------|----------------|
| Housing colour | White RAL 9003 |
|----------------|----------------|

|               |             |
|---------------|-------------|
| Body material | Sheet Metal |
|---------------|-------------|

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

|           |    |
|-----------|----|
| IP Rating | 20 |
|-----------|----|

|           |   |
|-----------|---|
| IK Rating | 4 |
|-----------|---|

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

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

|                             |      |
|-----------------------------|------|
| Nominal Product Length (mm) | 1829 |
|-----------------------------|------|

|                            |    |
|----------------------------|----|
| Nominal Product Width (mm) | 64 |
|----------------------------|----|

|                             |    |
|-----------------------------|----|
| Nominal Product Height (mm) | 62 |
|-----------------------------|----|

|             |      |
|-------------|------|
| Weight (kg) | 1.85 |
|-------------|------|

### 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 |
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