

## Linear

### Typhoon Anti-Corrosive 6ft Twin 50W 4000K Grey



- 160lm/W output performance
- Threaded 20mm cable entry
- Push fit terminals
- Stainless steel clips
- High output self-test emergency available



### General Data

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| <b>Technology</b>                     | LED                                   |
| <b>Mounting options</b>               | Ceiling Wall Suspended                |
| <b>Install Options</b>                | Fixing Bracket   Suspension Bracket   |
| <b>Electrical Connector Type</b>      | Push fit terminal                     |
| <b>Input Cable</b>                    | No                                    |
| <b>Input Electrical Connection</b>    | Live   Neutral   Earth                |
| <b>General Application</b>            | Industrial   Commercial   Educational |
| <b>Operating Temperature Range °C</b> | -20 - +40                             |
| <b>Warranty (Years)</b>               | 5                                     |

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Technical Specification

## Optical Data

|   |          |
|---|----------|
| <b>LED Manufacturer / Type</b>          | MTC 2835 |
| <b>Fixture Luminous Flux (Lm)</b>       | 8186     |
| <b>Luminaire Efficacy @4000K (lm/W)</b> | 162      |
| <b>LOR %</b>                            | 100      |
| <b>Colour Selectable</b>                | No       |
| <b>Beam Angle°</b>                      | 120      |
| <b>Photobiological Risk Group</b>       | RG0      |

## Light Source Data

|                               |            |
|-------------------------------|------------|
| <b>Energy Class</b>           | C          |
| <b>Lumens</b>                 | 8896       |
| <b>Lm/W</b>                   | 162        |
| <b>Colour Temperature (K)</b> | 4000       |
| <b>Light Colour</b>           | Cool White |
| <b>CRI Ra</b>                 | 80         |

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## Electrical Data

|   |                  |
|---|------------------|
| <b>Wattage (W)</b>                      | 50               |
| <b>Total Power Consumption (W)</b>      | 50.5             |
| <b>Mains voltage (V)</b>                | 220 - 240        |
| <b>Lamp power factor</b>                | 0.9              |
| <b>Electrical protection</b>            | Class I          |
| <b>Driver Output (V)</b>                | 115-172          |
| <b>Driver Output Current (mA)</b>       | 350              |
| <b>Control Gear Type CC or CV</b>       | Constant Current |
| <b>SVM</b>                              | 0.01             |
| <b>PstLM</b>                            | 0.01             |
| <b>LED Flicker Rate</b>                 | 0.2              |
| <b>Dimmable</b>                         | No               |
| <b>Driver Brand</b>                     | Lifud            |
| <b>Inrush Current (A)</b>               | ≤25A             |
| <b>Nominal Frequency (Hz)</b>           | 50/60            |
| <b>Surge Protection (kV)</b>            | 1                |
| <b>Max. Luminaire per 10A C Breaker</b> | 34               |
| <b>Max. Luminaire per 13A C Breaker</b> | 44               |
| <b>Max. Luminaire per 16A C Breaker</b> | 56               |
| <b>Max. Luminaire per 20A C Breaker</b> | 67               |
| <b>Max. Luminaire per 10A B Breaker</b> | 20               |
| <b>Max. Luminaire per 13A B Breaker</b> | 28               |
| <b>Max. Luminaire per 16A B Breaker</b> | 32               |
| <b>Max. Luminaire per 20A B Breaker</b> | 44               |

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## Lifetime Data

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

## Physical Data

|                       |               |
|-----------------------|---------------|
| <b>Housing colour</b> | RAL 7038 Grey |
|-----------------------|---------------|

|                      |               |
|----------------------|---------------|
| <b>Body material</b> | Polycarbonate |
|----------------------|---------------|

|                       |             |
|-----------------------|-------------|
| <b>Driver Housing</b> | Sheet Steel |
|-----------------------|-------------|

|                  |    |
|------------------|----|
| <b>IP Rating</b> | 65 |
|------------------|----|

|                  |   |
|------------------|---|
| <b>IK Rating</b> | 8 |
|------------------|---|

|                          |                                |
|--------------------------|--------------------------------|
| <b>Diffuser Material</b> | Polycarbonate Frosted Diffuser |
|--------------------------|--------------------------------|

|                        |         |
|------------------------|---------|
| <b>Diffuser finish</b> | Frosted |
|------------------------|---------|

|                                    |      |
|------------------------------------|------|
| <b>Nominal Product Length (mm)</b> | 1840 |
|------------------------------------|------|

|                                   |     |
|-----------------------------------|-----|
| <b>Nominal Product Width (mm)</b> | 100 |
|-----------------------------------|-----|

|                                    |    |
|------------------------------------|----|
| <b>Nominal Product Height (mm)</b> | 84 |
|------------------------------------|----|

|                    |   |
|--------------------|---|
| <b>Weight (kg)</b> | 2 |
|--------------------|---|

## Standards and Approvals

|                                      |            |
|--------------------------------------|------------|
| <b>Manufactured In Accordance To</b> | EN 60598-1 |
|--------------------------------------|------------|

|                |     |
|----------------|-----|
| <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 |
|---------------------------|--------------|

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