



MasterConnect LEDtube EM/mains T8

MasterConnect LEDtube IA 1500mm UO 25W865 T8

Introducing MasterConnect LEDtubes – smart retrofit LED T8 lamps that give you an easy and seamless way to upgrade to connected lighting. Simply set up with an intuitive app and MasterConnect LED tube lighting can be programmed to maximise energy savings, while providing wireless and automated light for your comfort and convenience. What's more, it is fully scalable and upgradable. If you want to enjoy additional benefits such as remote control or a management dashboard, you can simply keep the lamps you currently have installed and add a gateway to experience all the advantages of a cloud-based system. There's no better way to take lighting solutions to the next level.

Product data

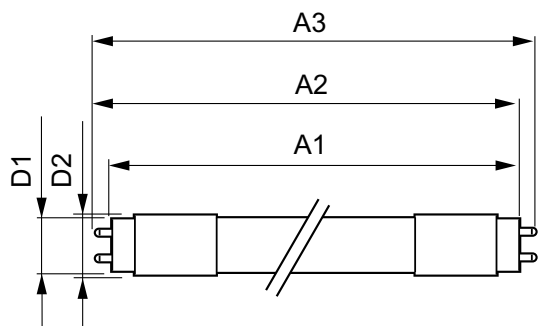
| General information | | Lamp Luminous Efficacy EM (Nom) | |
|--------------------------------------|----------------------------------|--|-------------|
| Cap base | G13 [Medium Bi-Pin Fluorescent] | Lamp Luminous Efficacy EM (Nom) | 148 lm/W |
| EU RoHS compliant | Yes | Colour consistency | <6 |
| Nominal lifetime (nom.) | 60000 h | Colour Rendering Index,horiz (Nom) | 83 |
| Switching cycle | 200000 | LLMF at end of nominal lifetime (nom.) | 70 % |
| Technical type | 25-58W | Operating and electrical | |
| | Sphere | Input frequency | 50 to 60 Hz |
| Light technical | | Power (Rated) (Nom) | 25 W |
| Colour Code | 865 [CCT of 6,500 K] | Lamp current (max.) | 117 mA |
| Technical Beam Angle (Nom) | 160 ° | Lamp current (min.) | 108 mA |
| Lamp Luminous Flux 25°C EL (Nom) | 3700 lm | Starting time (nom.) | 0.5 s |
| Colour Designation | Cool Daylight | Warm-up time to 60% light (nom.) | 0.5 s |
| Colour Temperature, horizontal (Nom) | 6500 K | Power factor (nom.) | 0.9 |

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| | |
|---------------------------------|--------------------|
| Voltage (Nom) | 220-240 V |
| Temperature | |
| T-ambient (max.) | 45 °C |
| T-ambient (min.) | -20 °C |
| T-ambient (min.) | -20 °C |
| T storage (max.) | 65 °C |
| T storage (min.) | -40 °C |
| T-Case maximum (nom.) | 65 °C |
| Controls and dimming | |
| Dimmable | Wireless Dim |
| Mechanical and housing | |
| Product length | 1500 mm |
| Bulb shape | Tube, double-ended |
| Approval and application | |
| Energy Efficiency Class | D |

| | |
|------------------------------------|--|
| Energy-saving product | Yes |
| Approval marks | RoHS compliance TUV CE marking KEMA Keur certificate |
| Energy consumption kWh/1,000 hours | 25 kWh |
| | 406203 |
| Product data | |
| Full product code | 871869966978200 |
| Order product name | MasterConnect LEDtube IA 1500mm UO 25W865 T8 |
| EAN/UPC – product | 8718699669782 |
| Order code | 929002210902 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 10 |
| SAP material | 929002210902 |
| Net Weight (Piece) | 0.450 kg |

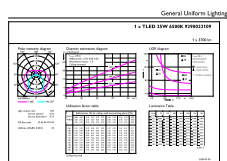
Dimensional drawing



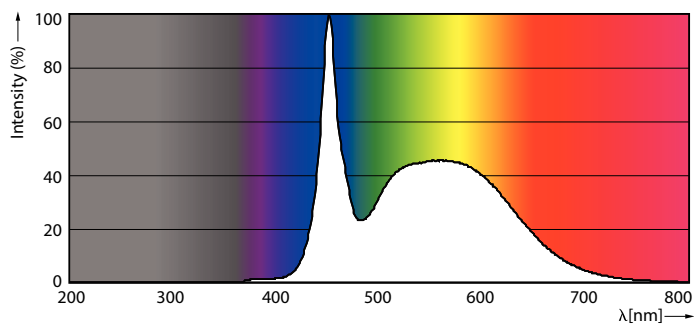
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| Product | D1 | D2 | A1 | A2 | A3 |
|--|------|-------|--------|--------|--------|
| MasterConnect LEDtube IA 1500mm UO 25W865 T8 | 25.8 | 28 mm | 1498.7 | 1505.8 | 1512.9 |
| | mm | | mm | mm | mm |

Photometric data



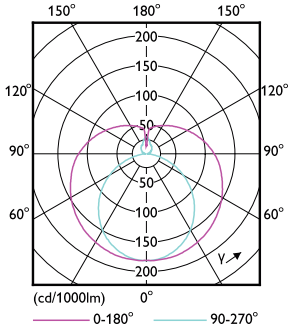
MC LEDtube 25W G13 3700lm 865



MC LEDtube G13 865

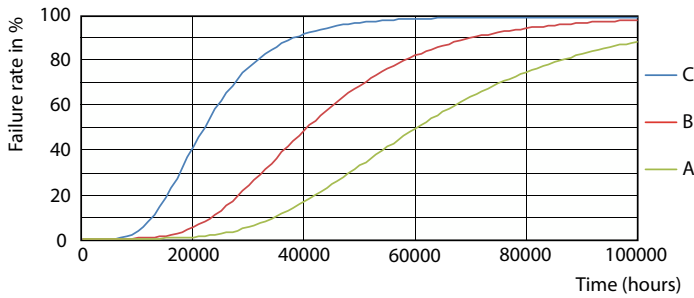
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Photometric data

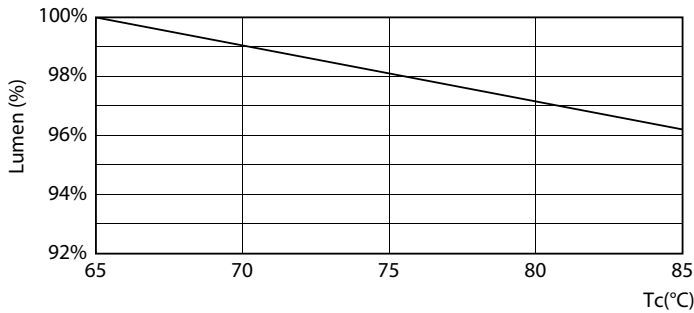


MC LEDtube G13

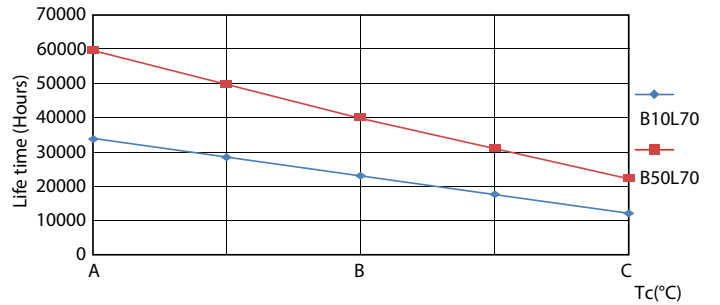
Lifetime



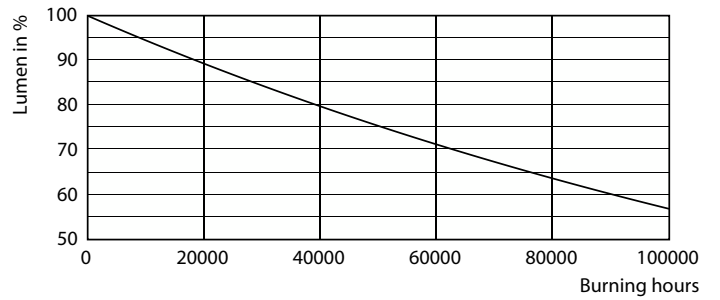
FailureRate



MC LEDtube 25W 60K LumenVsTc



LifetimeVsTc



Lumen Maintenance Diagram

MasterConnect LEDtube EM/mains T8

Lifetime



Life Expectancy Diagram

