PHILIPS Lighting

MASTER LEDtube EM/ Mains T8

Master LEDTube 600 mm 10W 865 T8 I W

The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance which cannot be distinguished from traditional fluorescent. This product is the ideal solution for up lamping in general lighting applications.

Warnings and Safety

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Product data

| General Information | | | | |
|------------------------------------|---------------------------------|--|--|--|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | | | |
| Nominal lifetime | 40,000 hour(s) | | | |
| Switching Cycle | 50,000 | | | |
| Lighting Technology | LED | | | |
| EU RoHS compliant | Yes | | | |
| | | | | |
| Light Technical | | | | |
| Color Code | 865 [CCT of 6500K] | | | |
| Beam Angle (Nom) | 160 degree(s) | | | |
| Luminous Flux | 1,050 lm | | | |
| Color Designation | Cool Daylight | | | |
| Correlated Color Temperature (Nom) | 6500 K | | | |
| Luminous Efficacy (rated) (Nom) | 105.00 lm/W | | | |
| Color Consistency | <6 | | | |
| Color rendering index (CRI) | 82 | | | |

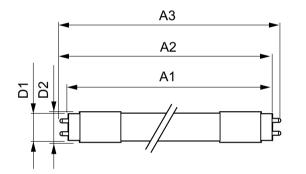
| LLMF At End Of Nominal Lifetime (Nom) 70 % | | | | | |
|--|----------------------|--|--|--|--|
| | | | | | |
| Operating and Electrical | | | | | |
| Line Frequency | 50 to 60 Hz | | | | |
| Input Frequency | 50 to 60 Hz | | | | |
| Power Consumption | 10 W | | | | |
| Starting Time (Nom) | 0.5 s | | | | |
| Warm-up time to 60% light | Instant full light s | | | | |
| Power Factor (Fraction) | 0.92 | | | | |
| Voltage (Nom) | 100-240 V | | | | |
| | | | | | |
| Temperature | | | | | |
| Ambient temperature range | -20 ℃ to 45 ℃ | | | | |
| T-Case Maximum (Nom) | 70 °C | | | | |
| | | | | | |

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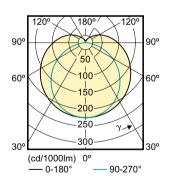
| Controls and Dimming | | | | |
|-------------------------------|--------------------------------------|--|--|--|
| Dimmable | No | | | |
| | | | | |
| Mechanical and Housing | | | | |
| Product Length | 600 mm | | | |
| Bulb Shape | Т8 | | | |
| | | | | |
| Approval and Application | | | | |
| Energy Saving Product | Yes | | | |
| Suitable For Accent Lighting | No | | | |
| Approval Marks | CE marking RoHS compliance KEMA Keur | | | |
| | certificate | | | |
| Energy Consumption kWh/1000 h | 10 kWh | | | |

| Product Data | |
|---------------------------------|--------------------------------------|
| Order product name | Master LEDTube 600 mm 10W 865 T8 I W |
| Full product name | Master LEDTube 600 mm 10W 865 T8 I W |
| Full product code | 871869652410700 |
| Order code | 929001188012 |
| Material Nr. (12NC) | 929001188012 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696524107 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8718696524114 |
| | |

Dimensional drawing

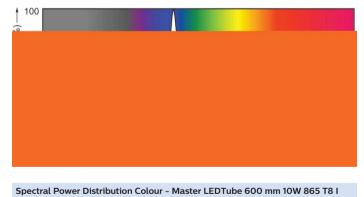


Photometric data



Light Distribution Diagram - Master LEDTube 600 mm 10W 865 T8 I W

| Product | D1 | D2 | A1 | A2 | A3 |
|---------------------------|---------|---------|----------|----------|----------|
| Master LEDTube 600 mm 10W | 25.6 mm | 27.8 mm | 588.6 mm | 595.7 mm | 602.8 mm |
| 865 T8 I W | | | | | |



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