

MASTER LEDtube EM/ Mains T8

MAS LEDtube STD 1200mm 20W865 T8 I

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) | 150 degree(s) | | | |
| Luminous Flux | 2,100 lm | | | |
| Correlated Color Temperature (Nom) | 6500 K | | | |
| Color Consistency | <6 | | | |
| Color rendering index (CRI) | 83 | | | |
| 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 | 20 W | | |
| Starting Time (Nom) | 0.5 s | | |
| Warm-up time to 60% light | Instant full light s | | |
| Power Factor (Fraction) | 0.9 | | |
| Voltage (Nom) | 220-240 V | | |
| | | | |
| Temperature | | | |
| Ambient temperature range | -20 °C to 45 °C | | |
| T-Case Maximum (Nom) | 50 ℃ | | |
| | <u> </u> | | |
| Controls and Dimming | <u> </u> | | |
| Dimmable | No | | |
| | | | |

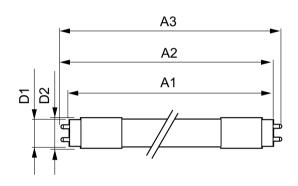
Datasheet, 2023, April 29 data subject to change

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| Mechanical and Housing | |
|-------------------------------|--------------------------------------|
| Product Length | 1,200 mm |
| | |
| 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 | 20 kWh |
| | |
| Product Data | |
| Order product name | MAS LEDtube STD 1200mm 20W865 T8 I |

| Full product name | MAS LEDtube STD 1200mm 20W865 T8 I | | | |
|---------------------------------|------------------------------------|--|--|--|
| Full product code | 871869642190100 | | | |
| Order code | 929001127008 | | | |
| Material Nr. (12NC) | 929001127008 | | | |
| Numerator - Quantity Per Pack | 1 | | | |
| EAN/UPC - Product/Case | 8718696421901 | | | |
| Numerator - Packs per outer box | 10 | | | |
| EAN/UPC - Case | 8718696421918 | | | |
| | | | | |

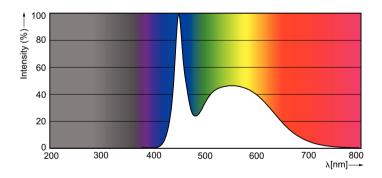
Dimensional drawing



| Product | D1 | D2 | A1 | A2 | А3 |
|------------------------|----------|-------|------------|------------|------------|
| MAS LEDtube STD 1200mm | 25.68 mm | 28 mm | 1,198.0 mm | 1,205.0 mm | 1,212.0 mm |
| 20W865 T8 I | | | | | |

Photometric data





Light Distribution Diagram - MAS LEDtube STD 1200mm 20W865 T8 I

Spectral Power Distribution Colour - MAS LEDtube STD 1200mm 20W865 T8 I

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