



# MASTER LEDtube EM/ Mains

## MASTER LEDtube STD 1200mm 10.5W840 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 lighting in general lighting applications.

### Warnings and Safety

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### Product data

| General Information     |                                  |
|-------------------------|----------------------------------|
| Cap base                | G13 [ Medium Bi-Pin Fluorescent] |
| EU RoHS compliant       | Yes                              |
| Nominal lifetime (nom.) | 50000 h                          |
| Switching cycle         | 200,000X                         |

| Light Technical                        |                       |
|--|-----------------------|
| Colour Code                            | 840 [ CCT of 4,000 K] |
| Technical Beam Angle (Nom)             | 160 °                 |
| Lamp Luminous Flux 25°C EL (Nom)       | 1600 lm               |
| Colour Designation                     | Cool White (CW)       |
| Colour Temperature, horizontal (Nom)   | 4000 K                |
| Lamp Luminous Efficacy EM (Nom)        | 152.00 lm/W           |
| Colour consistency                     | <6                    |
| Colour Rendering Index,horiz (Nom)     | 83                    |
| LLMF at end of nominal lifetime (nom.) | 70 %                  |

| Operating and Electrical         |             |
|----------------------------------|-------------|
| Input frequency                  | 50 to 60 Hz |
| Power (Rated) (Nom)              | 10.5 W      |
| Lamp current (max.)              | 50 mA       |
| Lamp current (min.)              | 45 mA       |
| Starting time (nom.)             | 0.5 s       |
| Warm-up time to 60% light (nom.) | 0.5 s       |
| Power factor (nom.)              | 0.9         |
| Voltage (Nom)                    | 220-240 V   |

| Temperature           |        |
|-----------------------|--------|
| T-ambient (max.)      | 45 °C  |
| T-ambient (min.)      | -20 °C |
| T storage (max.)      | 65 °C  |
| T storage (min.)      | -40 °C |
| T-Case maximum (nom.) | 50 °C  |

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## Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

## Mechanical and Housing

|                |                    |
|----------------|--------------------|
| Product length | 1200 mm            |
| Bulb shape     | Tube, double-ended |

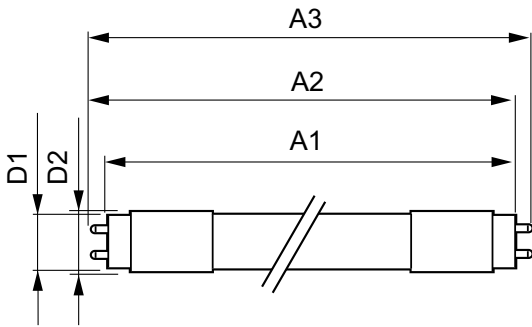
## Approval and Application

|                                    |  |
|------------------------------------|--|
| Energy-saving product              | Yes  |
| Approval marks                     | CE marking RoHS compliance KEMA Keur certificate |
| Energy consumption kWh/1,000 hours | 11 kWh   |

## Product Data

|                                   |   |
|-----------------------------------|---|
| Full product code                 | 871869668768000                         |
| Order product name                | MASTER LEDtube STD 1200mm 10.5W840 T8 I |
| EAN/UPC – product                 | 8718696687680                           |
| Order code                        | 929001297608                            |
| SAP numerator – quantity per pack | 1                                       |
| Numerator – packs per outer box   | 10                                      |
| SAP material                      | 929001297608                            |
| SAP net weight (piece)            | 0.215 kg                                |

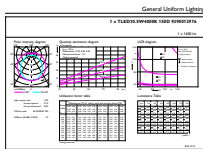
## Dimensional drawing



TLED 220-240V 10.5W-36W 4000K G13 ND

| Product                                 | D1      | D2    | A1        | A2        | A3        |
|---|---------|-------|-----------|-----------|-----------|
| MASTER LEDtube STD 1200mm 10.5W840 T8 I | 25.8 mm | 28 mm | 1198.2 mm | 1205.3 mm | 1212.4 mm |

## Photometric data



LEDtube MAS STD 10.5W GU13 840 ND

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