



# MASTER LEDtube EM/ Mains

## MAS LEDtube 1200mm 16W830 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.

### Product data

| General Information     |                                  |
|-------------------------|----------------------------------|
| Cap base                | G13 [ Medium Bi-Pin Fluorescent] |
| Main application        | Industrial                       |
| Nominal lifetime (nom.) | 50000 h                          |
| Switching cycle         | 200000X                          |
| B50L70                  | 50000 h                          |

| Light Technical                        |                       |
|--|-----------------------|
| Colour Code                            | 830 [ CCT of 3,000 K] |
| Lamp Luminous Flux 25°C EL (Nom)       | 2000 lm               |
| Lamp Luminous Flux (Nom)               | 2000 lm               |
| Colour Temperature, horizontal (Nom)   | 3000 K                |
| Colour consistency                     | <6                    |
| Colour Rendering Index,horiz (Nom)     | 80                    |
| LLMF at end of nominal lifetime (nom.) | 70 %                  |

| Operating and Electrical |             |
|--------------------------|-------------|
| Input frequency          | 50 to 60 Hz |
| Power (Rated) (Nom)      | 16 W        |
| Lamp current (max.)      | 77 mA       |

|                                  |           |
|----------------------------------|-----------|
| Lamp current (min.)              | 68 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.)      | 35 °C  |
| T ambient (min.)      | -20 °C |
| T storage (max.)      | 65 °C  |
| T storage (min.)      | -40 °C |
| T-Case maximum (nom.) | 55 °C  |

| Controls and Dimming |    |
|----------------------|----|
| Dimmable             | No |

| Mechanical and Housing |         |
|------------------------|---------|
| Product length         | 1200 mm |

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## Approval and Application

|                               |  |
|-------------------------------|--|
| Energy efficiency label (EEL) | A++  |
| Energy-saving product         | Yes  |
| Suitable for accent lighting  | No   |
| Approval marks                | CE marking RoHS compliance KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 16 kWh   |

## Product Data

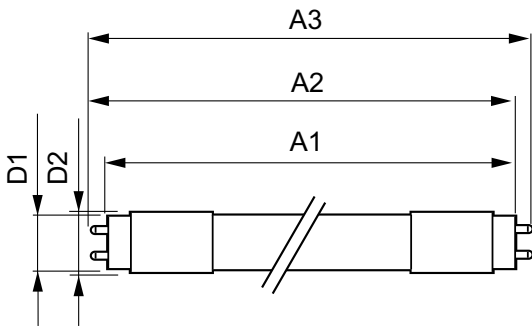
|                   |                 |
|-------------------|-----------------|
| Full product code | 871869667636300 |
|-------------------|-----------------|

|                                 |                                |
|---------------------------------|--------------------------------|
| Order product name              | MAS LEDtube 1200mm 16W830 T8 I |
| EAN/UPC – product               | 8718696676363                  |
| Order code                      | 929001249008                   |
| Numerator – quantity per pack   | 1                              |
| Numerator – packs per outer box | 10                             |
| Material no. (12NC)             | 929001249008                   |
| Net weight (piece)              | 0.251 kg                       |

## Warnings and Safety

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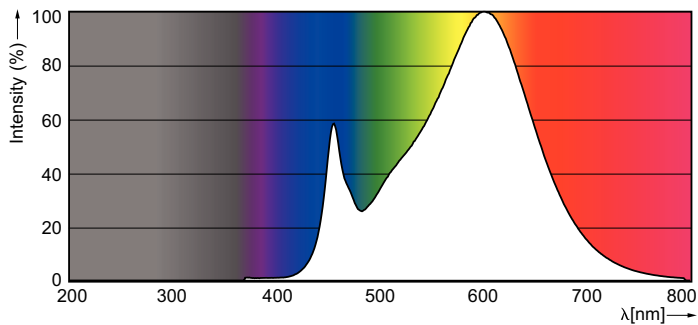
## Dimensional drawing



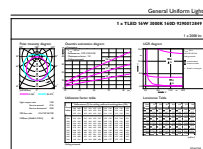
TLED 4ft 220-240V 16W-36W 3000K G13 ND

| Product                        | D1       | D2    | A1        | A2        | A3        |
|--------------------------------|----------|-------|-----------|-----------|-----------|
| MAS LEDtube 1200mm 16W830 T8 I | 25.68 mm | 28 mm | 1198.2 mm | 1205.3 mm | 1212.4 mm |

## Photometric data



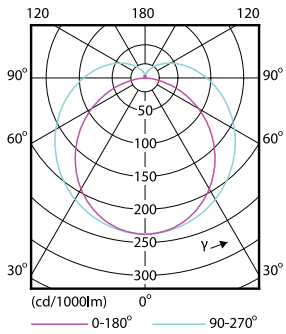
LEDtube, MASTER LEDtube 1200mm HO 16W /830 T8 RN



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## Photometric data



LEDtube, MASTER LEDtube 1200mm HO 16W /830 T8 RN

