PHILIPS

Lighting



# MASTER LEDtube InstantFit HF T8

## MASTER LEDtube HF 1200mm SO 16.5W 840 T8 RN

Philips MASTER LEDtube InstantFit T8 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. Philips MASTER LEDtube InstantFit T8 is the ideal solution for customers who have higher light requirements and want to maximize value over lifetime.;Full energy savings & longer lifetime result in attractive payback times and TCO benefits.

### Product data

| General Information | |
|---|---|
| **Cap-Base** | G13 [ Medium Bi-Pin Fluorescent] |
| **Main Application** | Industrial |
| **Nominal Lifetime (Nom)** | 50000 h |
| **Switching Cycle** | 50000X |
| **B50L70** | 50000 h |

| Light Technical | |
|---|---|
| **Color Code** | 840 [ CCT of 4000K] |
| **Beam Angle (Nom)** | 160 ° |
| **Luminous Flux (Nom)** | 1600 lm |
| **Luminous Flux (Rated) (Nom)** | 1600 lm |
| **Rated Beam Angle** | 160 ° |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Color Consistency** | <6 |
| **Color Rendering Index (Nom)** | 83 |
| **LLMF At End Of Nominal Lifetime (Nom)** | 70 % |

| Operating and Electrical | |
|---|---|
| **Input Frequency** | 25000-75000 Hz |
| **Power (Rated) (Nom)** | 16.5 W |
| **Lamp Current (Nom)** | 280 mA |
| **Starting Time (Nom)** | 0.5 s |
| **Warm Up Time to 60% Light (Nom)** | instant full light s |
| **Power Factor (Nom)** | 0.9 |
| **Voltage (Nom)** | 50-100 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)** | 45 °C |

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

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| Mechanical and Housing | |
|---|---|
| **Product Length** | 1200 mm |

| Approval and Application | |
|---|---|
| **Energy Saving Product** | Yes |
| **Suitable For Accent Lighting** | No |
| **Energy Efficiency Label (EEL)** | A |
| **Approval Marks** | CE marking RoHS compliance KEMA Keur certificate |
| **Energy Consumption kWh/1000 h** | 20 kWh |

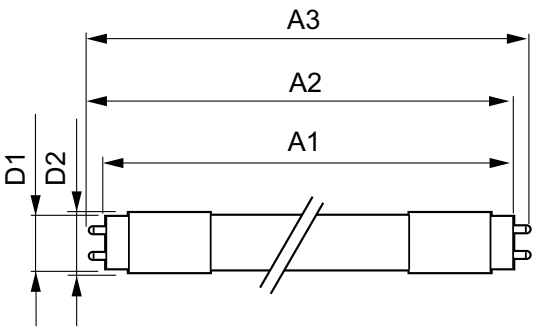
| Product Data | |
|---|---|
| **Full product code** | 871869640890200 |

| | |
|---|---|
| **Order product name** | MASTER LEDtube HF 1200mm SO 16.5W 840 T8 RN |
| **EAN/UPC - Product** | 8718696408902 |
| **Order code** | 929001124502 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 10 |
| **Material Nr. (12NC)** | 929001124502 |
| **Net Weight (Piece)** | 0.360 kg |

## Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

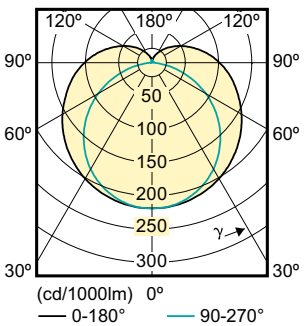
## Dimensional drawing



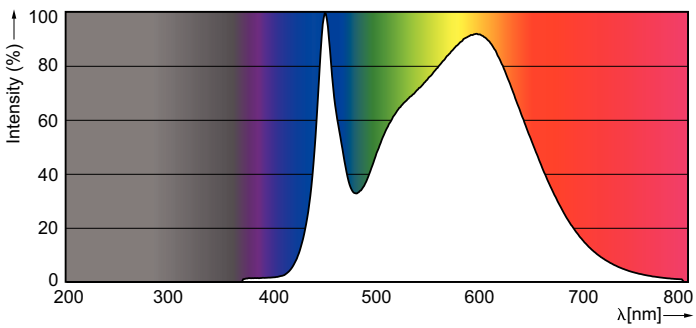

LEDtube HF 1200mm SO 16.5W 840 T8

| Product | D1 | D2 | A1 | A2 | A3 |
|---|---|---|---|---|---|
| MASTER LEDtube HF 1200mm SO 16.5W 840 T8 RN | 25.68 mm | 28 mm | 1198.0 mm | 1205.0 mm | 1212.0 mm |

## Photometric data




LEDtube HF 1200mm SO 16.5 W T8




LEDtube HF 1200mm SO 16.5 W /840 T8

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2017, July 25 - data subject to change