


# MASTER LEDtube InstantFit HF

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

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. The MASTER LEDtube Performance is the ideal solution for customers which have higher light requirements and the want to maximize value over lifetime.(need the longest lifetime). Full energy savings and TCO benefits.

## Product data

### • General Information

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

### • Light Technical

| | |
|---|---|
| Colour Code | 840 [ CCT of 4000K (841)] |
| Beam Angle (Nom) | 160 ° |
| Luminous Flux (Rated) (Nom) | 1600 lm |
| Rated Beam Angle | 160 ° |
| Colour Temperature, horizontal (Nom) | 4000 K |
| Color Consistency | 6 steps |
| Colour Rendering Index horiz (Nom) | 83 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

### • Operating and Electrical

| | |
|---|---|
| Input Frequency | 25000-75000 Hz |
| Power (Rated) (Nom) | 16.5 W |
| Starting Time (Max) | 0.5 s |
| Warm Up Time To 60% Light (Nom) | instant full light |
| Power Factor (Min) | 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 (Max) | 45 °C |
| T-Case Maximum (Nom) | 45 °C |

### • Controls and Dimming

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

### • Mechanical and Housing

| | |
|---|---|
| Product Length | 1200 mm |

### • Approval and Application

| | |
|---|---|
| Energy Saving Product | Yes |
| Suitable For Accent Lighting | No |
| Energy Efficiency Label | A |
| Approval Marks | CE marking<br>RoHS compliance<br>KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 20 kWh |

### • Product Data

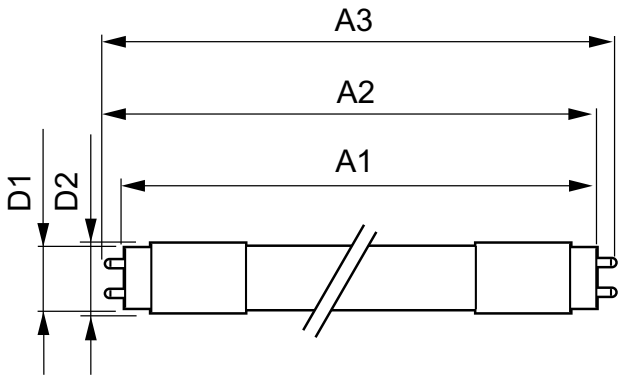
| | |
|---|---|
| Full product code | 871829172885600 |
| Order product name | MASTER LEDtube HF 1200mm SO 16.5W 840 T8 RS |

PHILIPS

# MASTER LEDtube InstantFit HF

| | |
|---|---|
| EAN/UPC - Product | 8718291728856 |
| Order code | 72885600 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929000284402 |
| Net Weight (Piece) | 0.360 kg |

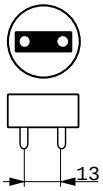
## Dimensional drawing



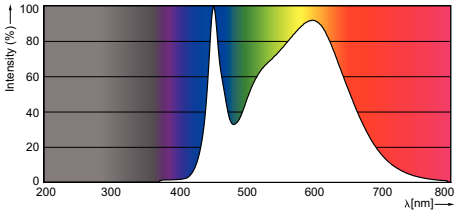

MASTER LEDtube HF, VLE, VALUE HF

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

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




## Photometric data




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data subject to change