


# MASTER LEDtube InstantFit HF

## MASTER LEDtube HF 1500mm SO 22W840 T8

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) | 2000 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 | 50 to 60 Hz |
| Power (Rated) (Nom) | 22 W |
| Starting Time (Max) | 0.5 s |
| Warm Up Time To 60% Light (Nom) | instant full light |
| Power Factor (Min) | 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 (Max) | 60 °C |
| T-Case Maximum (Nom) | 60 °C |

### • Controls and Dimming

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

### • Mechanical and Housing

| | |
|---|---|
| Product Length | 1500 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 | 27 kWh |

### • Product Data

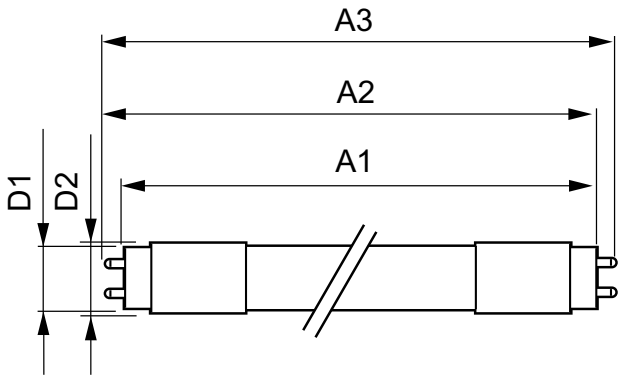
| | |
|---|---|
| Full product code | 871869640078400 |
| Order product name | MASTER LEDtube HF 1500mm SO 22W840 T8 |

PHILIPS

# MASTER LEDtube InstantFit HF

| | | | |
|---|---|---|---|
| EAN/UPC - Product | 8718696400784 | Numerator - Packs per outer box | 10 |
| Order code | 40078400 | Material Nr. (12NC) | 929001122402 |
| Numerator - Quantity Per Pack | 1 | Net Weight (Piece) | 0.450 kg |

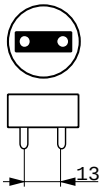
## Dimensional drawing



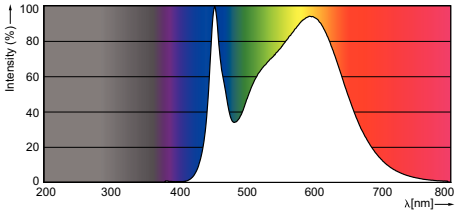

MASTER LEDtube HF, VLE, VALUE HF

### LEDtube VLE HF 1500mm 22W/840 T8C Rot

| Product | D1 | D2 | A1 | A2 | A3 |
|---|---|---|---|---|---|
| MASTER LEDtube HF 1500mm SO 22W840 T8 | 25.68 mm | 28 mm | 1500.0 mm | 1507.1 mm | 1514.2 mm |




## Photometric data




© 2016 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

**www.philips.com/lighting**

2016, April 21
data subject to change