



# MASTER LEDtube InstantFit HF

## MASTER LEDtube HF 1200mm HO 14W840 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. This product is the ideal solution for up lighting in general lighting applications.

### 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.

### Product data

General Information	
Cap base	G13 ROT (Rotating) [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	60000 h
Switching cycle	50,000X
Light Technical	
Colour Code	840 [ CCT of 4,000 K]
Technical Beam Angle (Nom)	160 °
Lamp Luminous Flux 25°C EL (Nom)	2100 lm
Colour Designation	Cool White (CW)
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	150.00 lm/W
Colour consistency	<6
Colour Rendering Index, horiz (Nom)	83

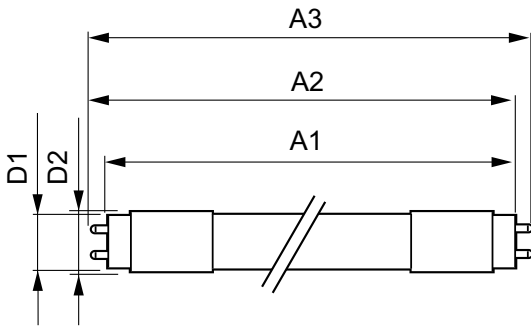
LLMF at end of nominal lifetime (nom.) 70 %	
Operating and Electrical	
Input frequency	20000-75000 Hz
Power (Rated) (Nom)	14 W
Lamp current (max.)	750 mA
Lamp current (min.)	300 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	30-80 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C

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T-Case maximum (nom.)	55 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb material	Plastic
Product length	1200 mm
<b>Approval and Application</b>	
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	17 kWh
<b>Product Data</b>	
Full product code	871869668748200
Order product name	MASTER LEDtube HF 1200mm HO 14W840 T8
EAN/UPC – product	8718696687482
Order code	929001284102
Numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001284102
SAP net weight (piece)	0.360 kg

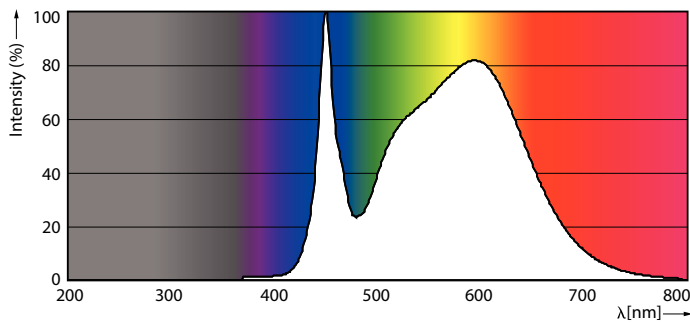
## Dimensional drawing



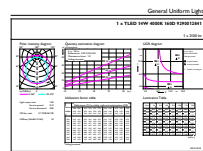
MAS LEDtube HF 1200mm HO 14W840 T8

Product	D1	D2	A1	A2	A3
MASTER LEDtube HF 1200mm HO 14W840 T8	25.6 mm	28 mm	1198.1 mm	1205.2 mm	1212.3 mm

## Photometric data



MAS LEDtube HF 1200mm HO 14W840 T8



MAS LEDtube HF 1200mm HO 14W840 T8

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## Photometric data



LEDtube HF 1200mm 1500mm UO T8

## Lifetime



LEDtube HF 1500mm 26W G5 T5

LEDtube HF 1200mm 1500mm UO T8



LEDtube HF HO-UO 14-24W G13 830-865 T8

LEDtube HF 1200mm HO-UO 14-16W G13 830-865 T8

# MASTER LEDtube InstantFit HF

## Lifetime



LEDtube HF HO-UO 14-24W G13 830-865 T8

