



MASTER LEDtube InstantFit HF



MASTER LEDtube HF 1200mm UO 16W865 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 Sphere
Light Technical	
Colour Code	865 [CCT of 6,500 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2500 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	156.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	83

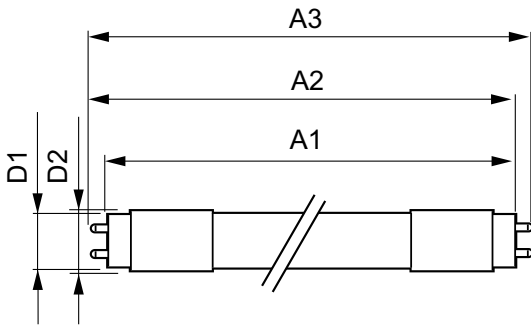
LLMF at end of nominal lifetime (nom.) 70 %	
Operating and Electrical	
Input frequency	20000-75000 Hz
Power (Rated) (Nom)	16 W
Lamp current (max.)	700 mA
Lamp current (min.)	300 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	30-80 V
Temperature	
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
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb material	Plastic
Product length	1200 mm
Bulb shape	Tube, double-ended
Approval and Application	
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	16 kWh
	387374
Product Data	
Full product code	871869668798700
Order product name	MASTER LEDtube HF 1200mm UO 16W865 T8
EAN/UPC – product	8718696687987
Order code	68798700
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001300102
SAP net weight (piece)	0.360 kg

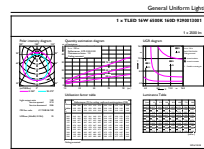
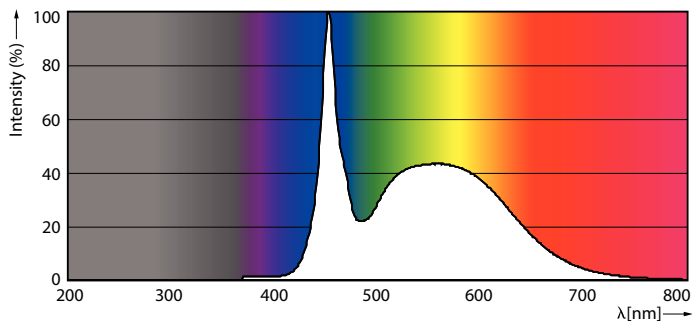
Dimensional drawing



MASTER LEDtube HF 1200mm UO 16W865 T8

Product	D1	D2	A1	A2	A3
MASTER LEDtube HF 1200mm UO 16W865 T8	25.6 mm	28 mm	1198.1 mm	1205.2 mm	1212.3 mm

Photometric data



MAS LEDtube HF 1200mm UO 16W865 T8

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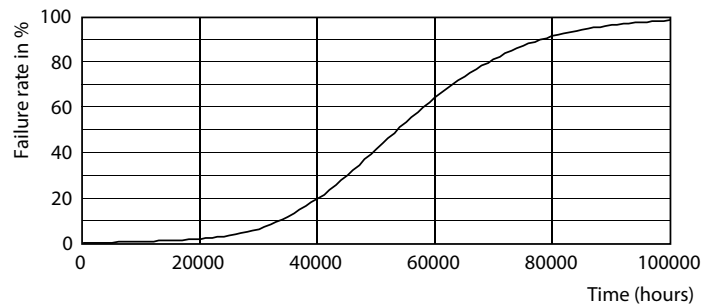
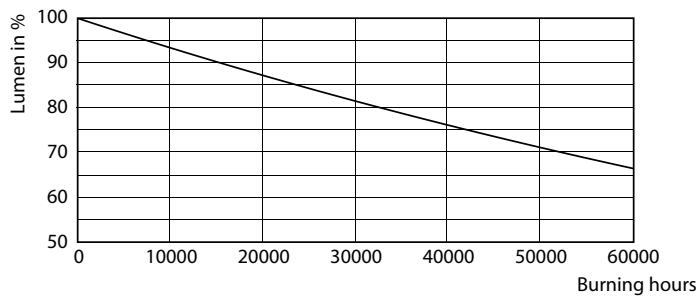
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Photometric data



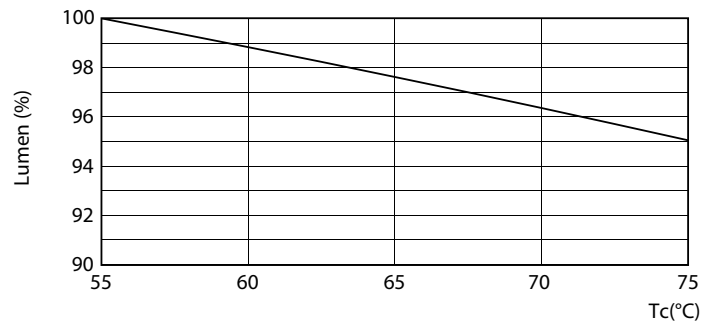
LEDtube HF 1200mm 1500mm UO T8

Lifetime



LEDtube HF 1500mm 26W G5 T5

LEDtube HF 1200mm 1500mm UO T8

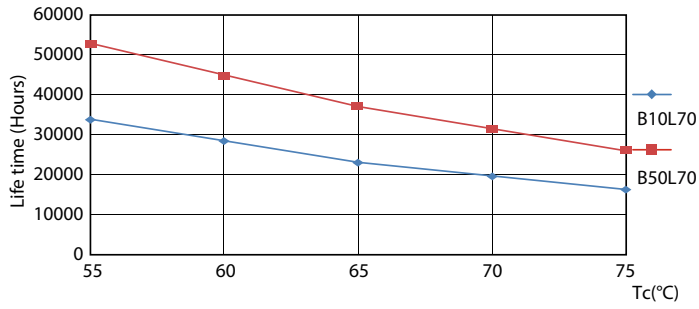


LEDtube HF HO-UO 14-24W G13 830-865 T8

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

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Lifetime



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

