



# MASTER LEDtube InstantFit HF

## MASTER LEDtube HF 1500mm HO 20W840 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	840 [ CCT of 4,000 K]
Technical Beam Angle (Nom)	160 °
Lamp Luminous Flux 25°C EL (Nom)	3100 lm
Colour Designation	Cool White (CW)
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	155,00 lm/W
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	83

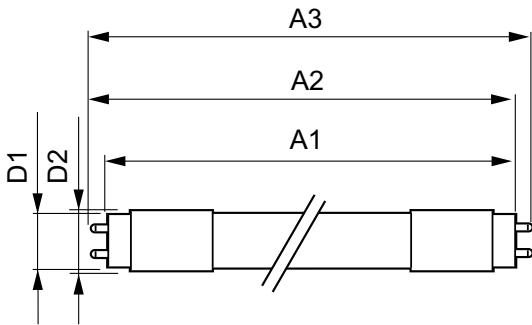
LLMF at end of nominal lifetime (nom.) 70 %	
Operating and Electrical	
Input frequency	20000-75000 Hz
Power (Rated) (Nom)	20 W
Lamp current (max.)	750 mA
Lamp current (min.)	300 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	30-80 V
Temperature	
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	1500 mm
Bulb shape	Tube, double-ended
<b>Approval and Application</b>	
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	20 kWh
	387370
<b>Product Data</b>	
Full product code	871869668754300
Order product name	MASTER LEDtube HF 1500mm HO 20W840 T8
EAN/UPC – product	8718696687543
Order code	929001284402
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001284402
SAP net weight (piece)	0.450 kg

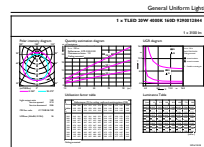
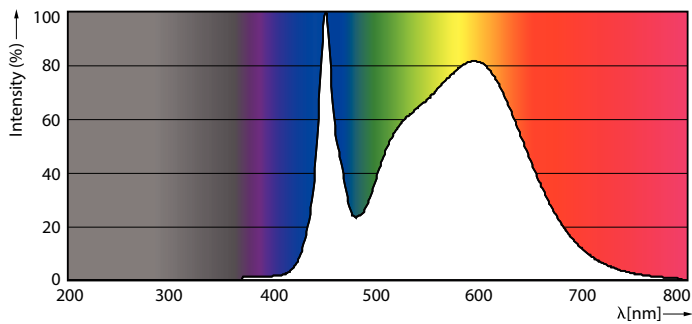
## Dimensional drawing



MASTER LEDtube HF 1500mm HO 20W840 T8

Product	D1	D2	A1	A2	A3
MASTER LEDtube HF 1500mm HO 20W840 T8	25,6 mm	28 mm	1498,7 mm	1505,8 mm	1512,9 mm

## Photometric data



MAS LEDtube HF 1500mm HO 20W840 T8

MAS LEDtube HF 1500mm HO 20W840 T8

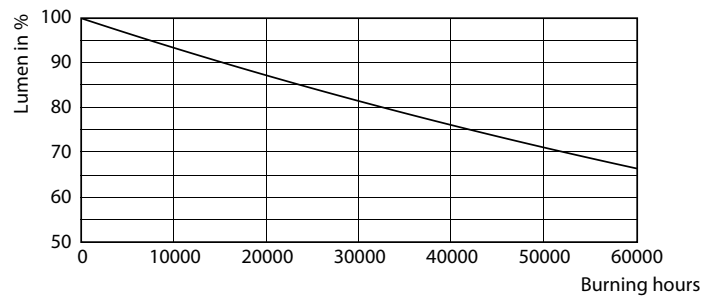
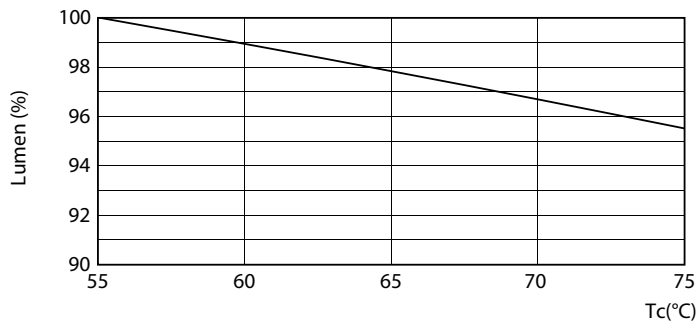
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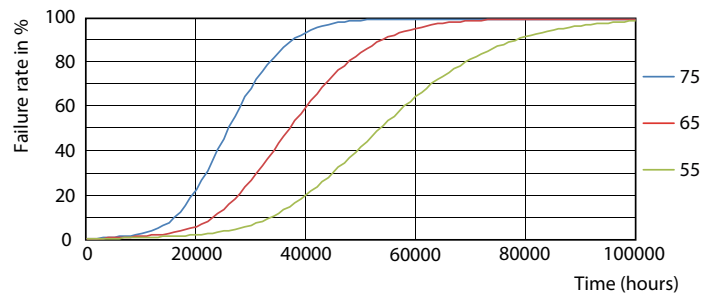
LEDtube HF 1200mm 1500mm UO T8

## Lifetime



LEDtube HF 1500mm HO-UO 20-24W G13 830-865 T8

LEDtube HF 1500mm 26W G5 T5



LEDtube HF 1200mm 1500mm UO T8

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

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## Lifetime



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

