



MASTER LEDtube InstantFit HF



MASTER LEDtube HF 1500mm HO 20W830 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.

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	50000X
Flux measurement reference	Sphere
Light Technical	
Colour Code	830 [CCT of 3000K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	2900 lm
Colour Designation	White (WH)
Colour Temperature, horizontal (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	145.00 lm/W

Color 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

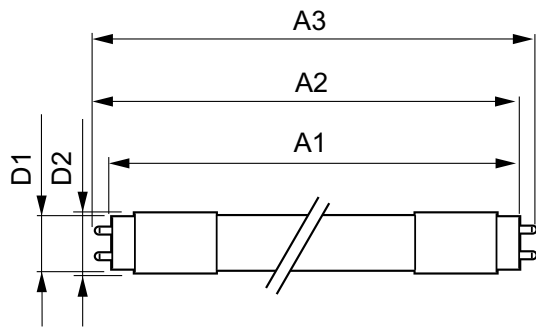
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Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Plastic
Product Length	1500 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Efficiency Class	E

Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh
EPREL Registration Number	387372

Product Data	
Full product code	871869668758100
Order product name	MASTER LEDtube HF 1500mm HO 20W830 T8
EAN/UPC - Product	8718696687581
Order code	68758100
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001284602
Net Weight (Piece)	0.450 kg

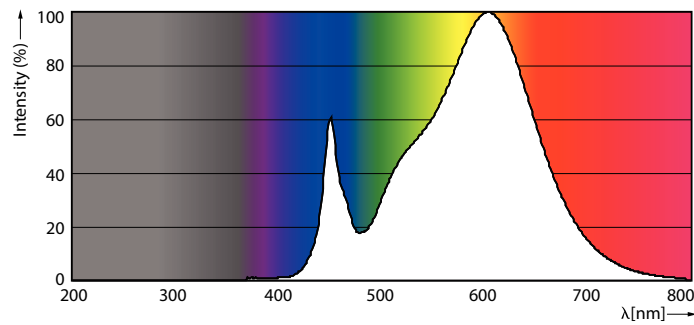
Dimensional drawing



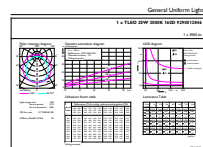
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Product	D1	D2	A1	A2	A3
MASTER LEDtube HF 1500mm HO 20W830 T8	25.6 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm

Photometric data



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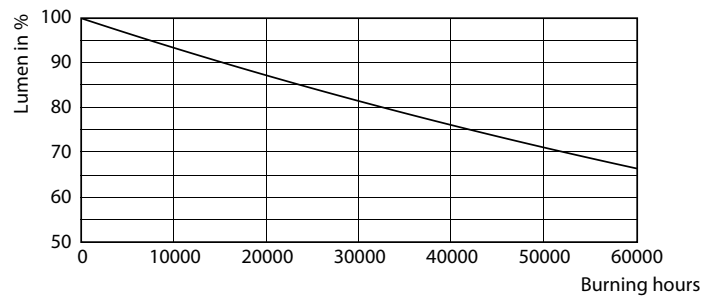
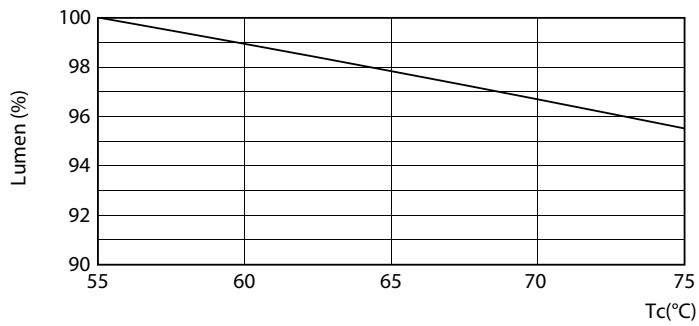
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Photometric data



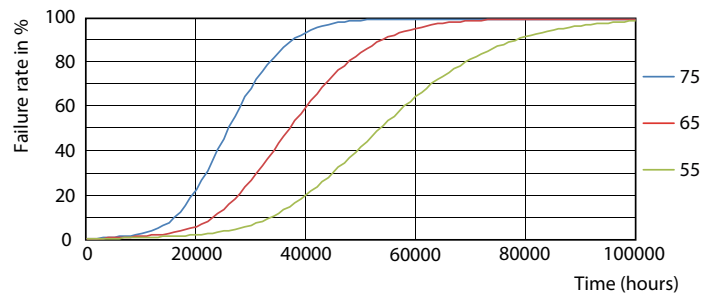
LEDtube HF 1200mm 1500mm UO T8

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



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