

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.

Product data

General Information	
Cap base	G13 [Medium Bi-Pin Fluorescent]
RoHS mark	RoHS mark
Main application	Industrial
Nominal lifetime (nom.)	60000 h
Switching cycle	50000X
B50L70	60000 h

Light Technical	
Colour code	840 [CCT of 4,000 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	3100 lm
Luminous flux (rated) (nom.)	3100 lm
Rated beam angle	160 °
Correlated colour temperature (nom.)	4000 K
Colour consistency	<6
Color rendering index (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
T-Case maximum (nom.)	55 °C

Controls and Dimming	
Dimmable	Yes

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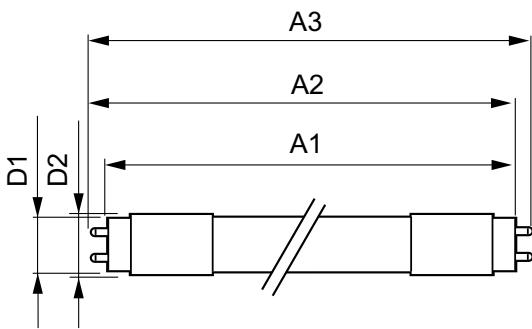
Mechanical and Housing	
Product length	1500 mm
Approval and Application	
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	24 kWh
Product Data	
Full product code	871869668754300

Order product name	MASTER LEDtube HF 1500mm HO 20W840 T8
EAN/UPC – product	8718696687543
Order code	68754300
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001284402
Net weight (piece)	0.360 kg

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.

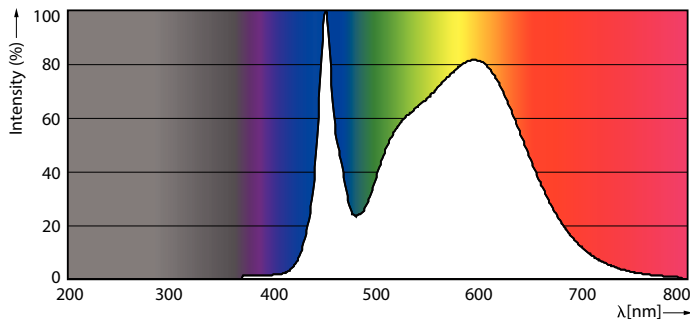
Dimensional drawing



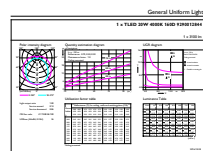
MAS LEDtube HF 1500mm HO 20W840 T8

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



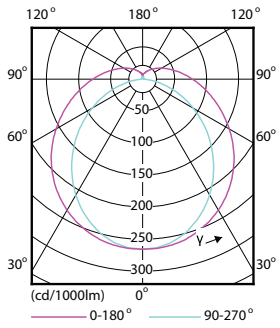
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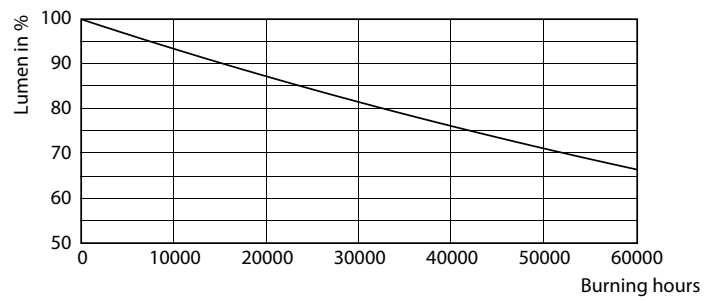
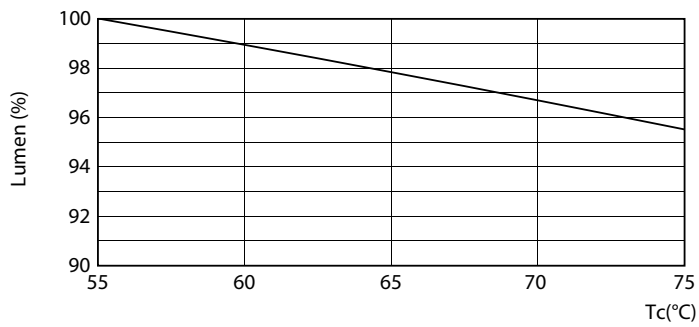
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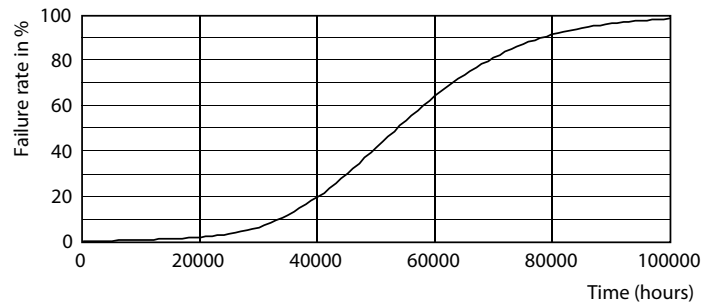
Photometric data



Lifetime

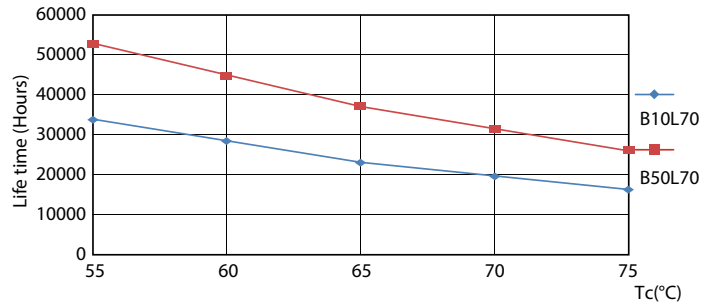
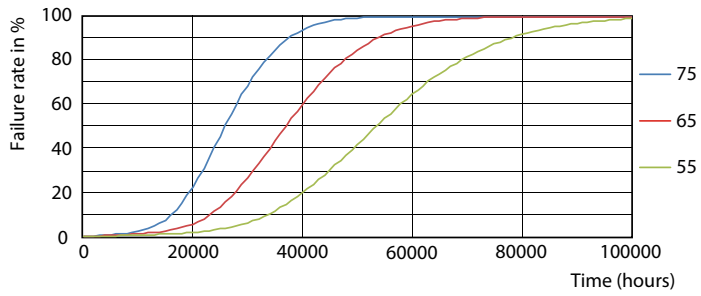


LEDtube HF 1500mm HO-UO 20-24W G13 830-865 T8



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Lifetime



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

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