



# MASTER LEDtube InstantFit HF

## MASTER LEDtube HF 1200mm UO 16W830 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	830 [ CCT of 3,000 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2350 lm
Luminous flux (rated) (nom.)	2350 lm
Rated beam angle	160 °
Correlated colour temperature (nom.)	3000 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)	16 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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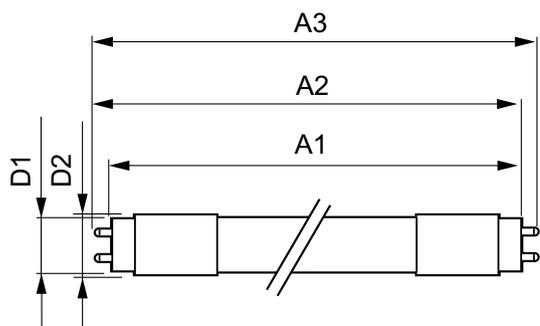
Mechanical and Housing	
Product length	1200 mm
Approval and Application	
Energy efficiency label (EEL)	A+
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh
Product Data	
Full product code	871869668800700

Order product name	MASTER LEDtube HF 1200mm UO 16W830 T8
EAN/UPC – product	8718696688007
Order code	68800700
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001300202
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.

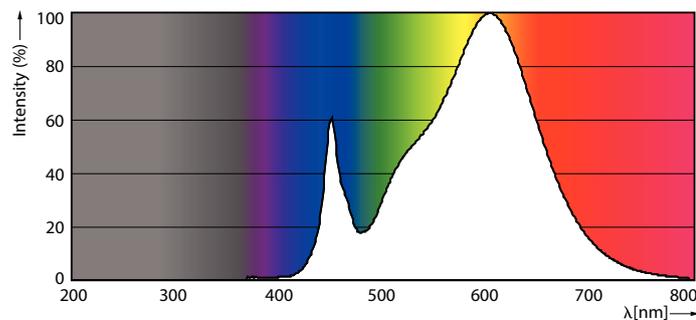
## Dimensional drawing



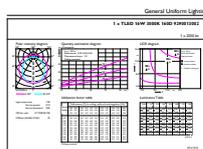
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Product	D1	D2	A1	A2	A3
MASTER LEDtube HF 1200mm UO 16W830 T8	25.6 mm	28 mm	1198.1 mm	1205.2 mm	1212.3 mm

## Photometric data



MAS LEDtube HF 1200mm UO 16W830 T8

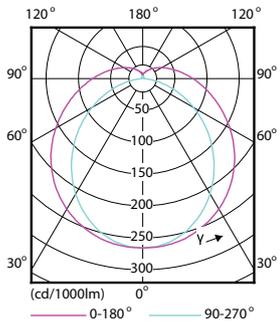


General Lighting Data sheet

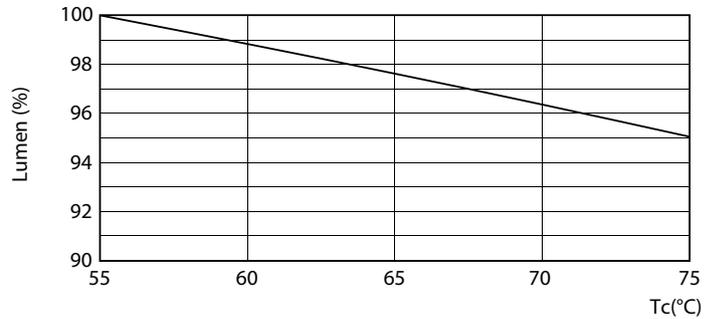
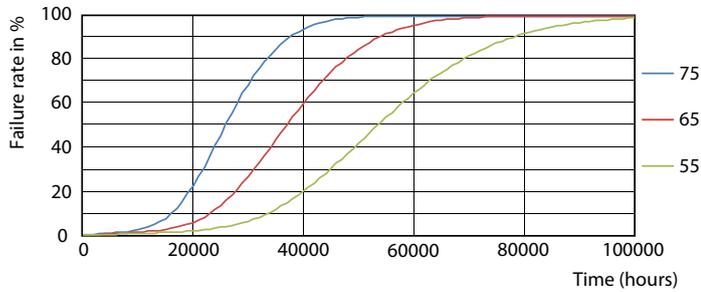
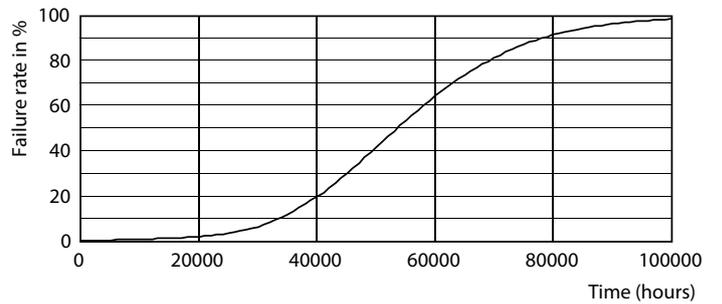
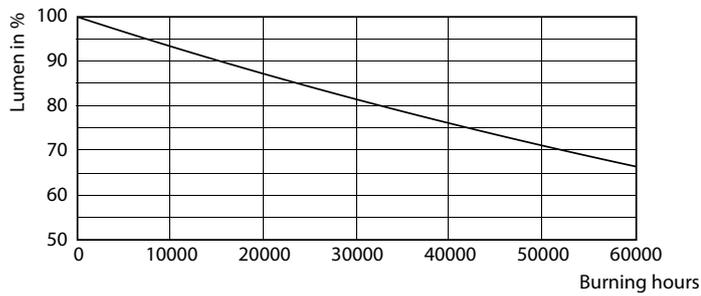
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## Photometric data



## Lifetime

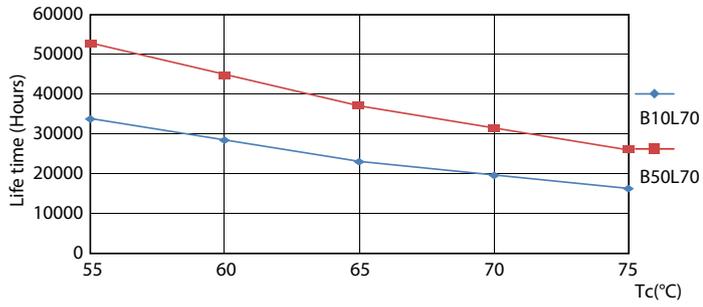


LEDtube HF HO-UO 14-24W G13 830-865 T8

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

