



# 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. 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.

### Product data

General Information	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	60000 h
Switching Cycle	50000X

Light Technical	
Colour Code	830 [ CCT of 3000K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	2350 lm
Colour Temperature, horizontal (Nom)	3000 K
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)	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

Mechanical and Housing	
Bulb Material	Plastic

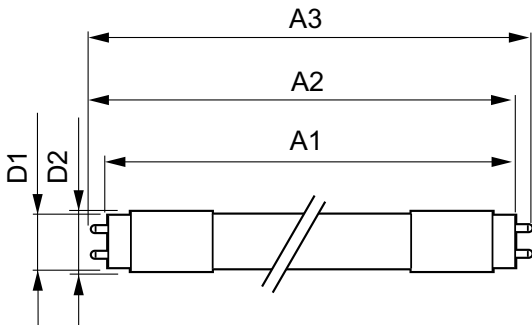
# MASTER LEDtube InstantFit HF

Product Length	1200 mm
<b>Approval and Application</b>	
Energy Efficiency Label	A+
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh
<b>Product Data</b>	
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 Nr. (12NC)	929001300202
Net Weight (Piece)	0.360 kg

## Warnings and Safety

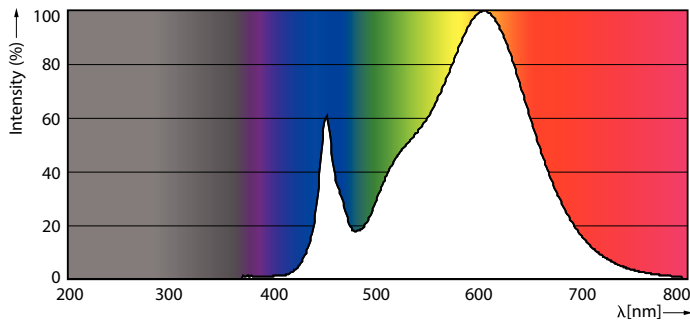
### Dimensional drawing



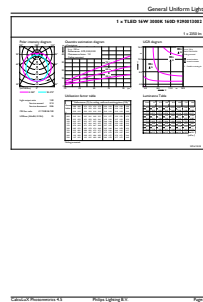
MAS LEDtube HF 1200mm UO 18W830 T8

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



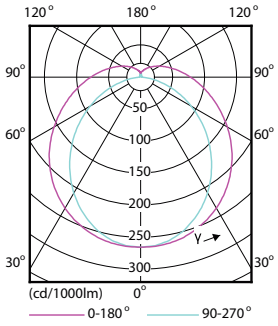
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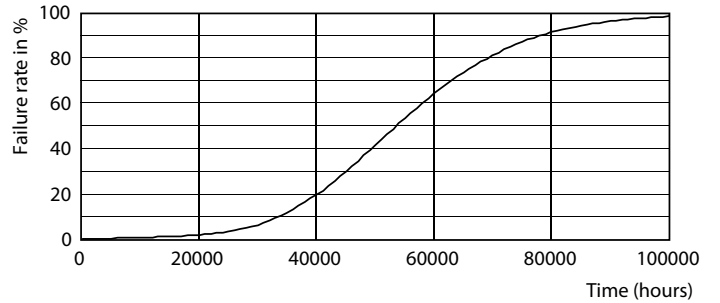
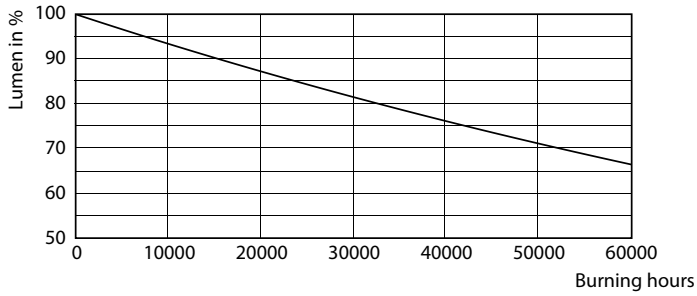
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## Photometric data



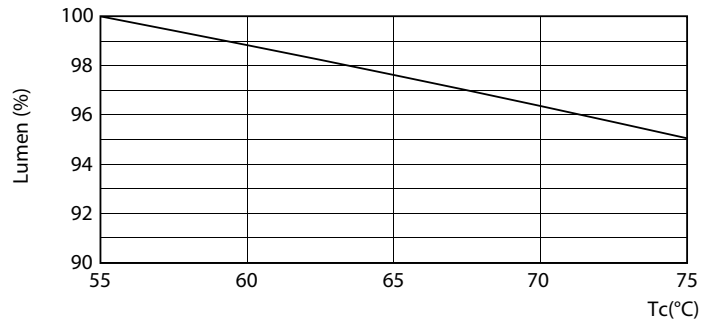
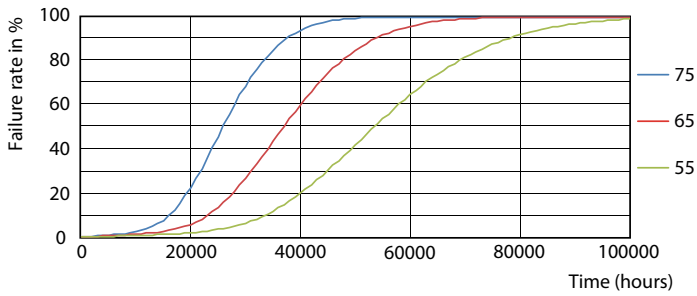
LEDtube HF 1200mm 1500mm UO T8

## 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

