



# 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. This product is the ideal solution for up lighting in general lighting applications.

### 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 3,000 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2900 lm
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)	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
Mechanical and Housing	
Product length	1500 mm
Approval and Application	
Energy efficiency label (EEL)	A+

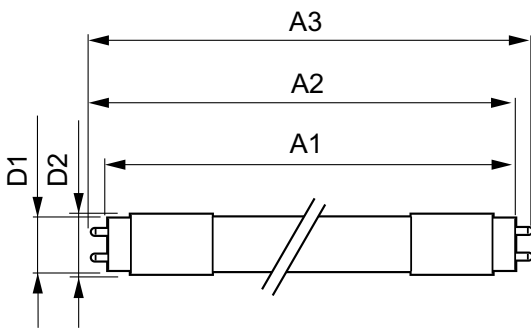
# MASTER LEDtube InstantFit HF

Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	24 kWh
<b>Product Data</b>	
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 no. (12NC)	929001284602
Net weight (piece)	0.450 kg

## Warnings and Safety

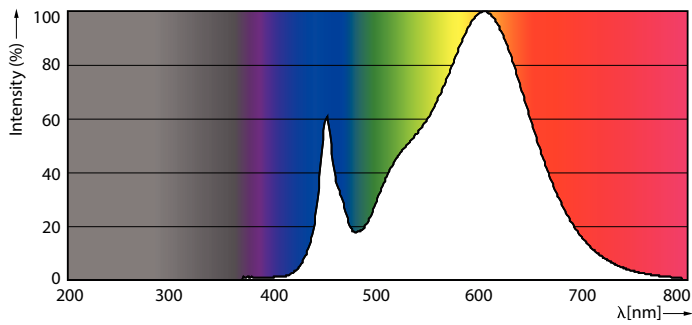
### Dimensional drawing



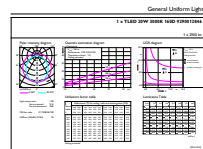
MAS LEDtube HF 1500mm HO 20W830 T8

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



MAS LEDtube HF 1500mm HO 20W830 T8



General Uniform Lighting

MAS LEDtube HF 1500mm HO 20W830 T8

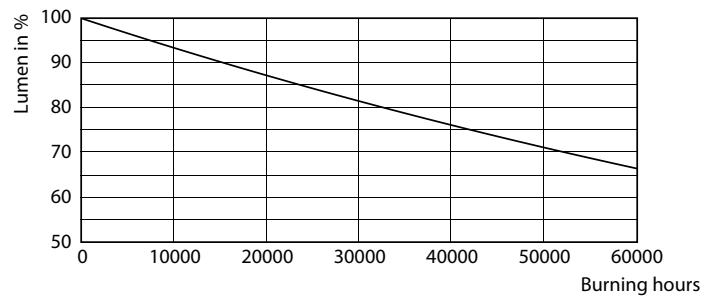
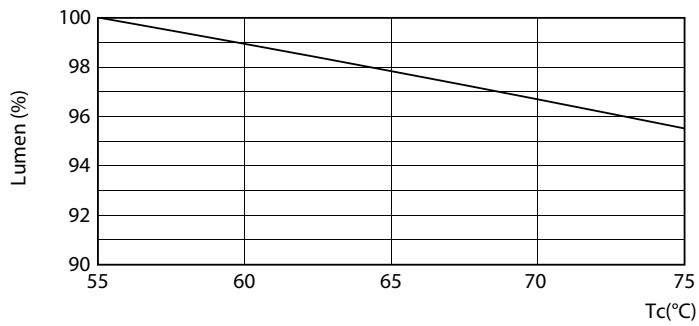
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## Photometric data



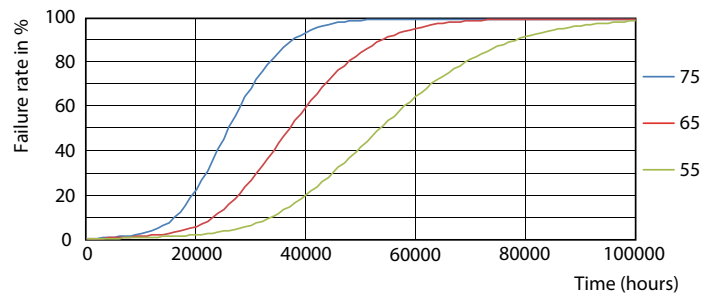
LEDtube HF 1200mm 1500mm UO T8

## 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

# MASTER LEDtube InstantFit HF

## Lifetime



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

