

MASTER LEDtube InstantFit HF



MASTER LEDtube HF 600mm HO 8W865 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.

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]
Nominal lifetime	60,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Colour Code	865 [CCT of 6500K]
Beam angle (nom.)	160 degree(s)
Luminous Flux	1,050 lm
Colour designation	Cool Daylight
Correlated Colour Temperature	6500 K
Luminous efficacy (rated) (nom.)	131.00 lm/W
Colour consistency	<6

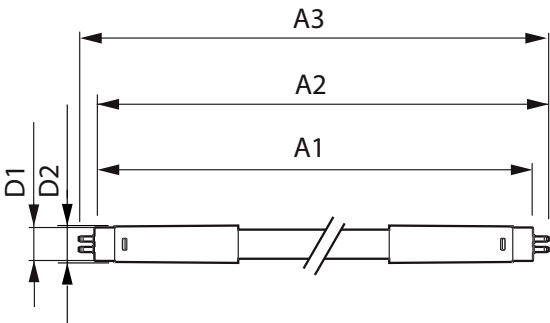
Colour rendering index (CRI)	83
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Line Frequency	20000-80000 Hz
Input frequency	20000-80000 Hz
Power Consumption	8 W
Lamp current (max.)	500 mA
Lamp current (min.)	150 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	20-50 V
Temperature	
Ambient temperature range	-20°C to 45°C

MASTER LEDtube InstantFit HF

T-Case maximum (nom.)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb material	Plastic
Product length	600 mm
Approval and Application	
Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	8 kWh

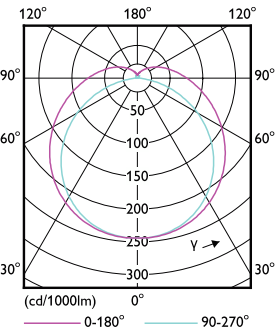
EPREL registration number	1597258
Product Data	
Order product name	MAS LEDtube HF 600mm HO 8W865 T8
Full product name	MASTER LEDtube HF 600mm HO 8W865 T8
Full EOC	871869674367600
Order code	74367600
Material no. (12 NC)	929001393302
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696743676
Numerator – packs per outer box	10
EAN/UPC – Case	8718696743683

Dimensional drawing

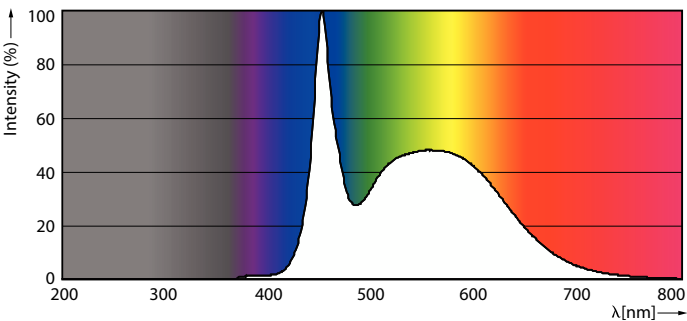


Product	D1	D2	A1	A2	A3
MAS LEDtube HF 600mm HO 8W865 T8	25.8 mm	28 mm	588.6 mm	595.7 mm	602.8 mm

Photometric data



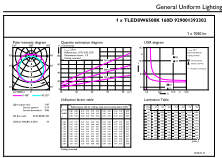
Light Distribution Diagram - MAS LEDtube HF 600mm HO 8W865 T8



Spectral Power Distribution Colour - MAS LEDtube HF 600mm HO 8W865 T8

MASTER LEDtube InstantFit HF

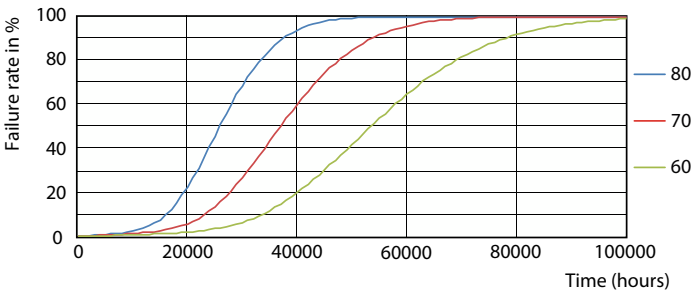
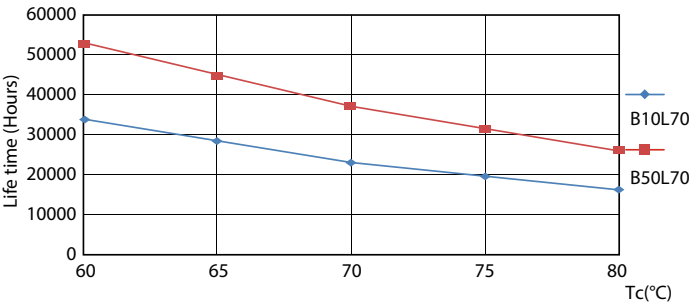
Photometric data



General Uniform Lighting - MAS LEDtube HF 600mm HO 8W865 T8

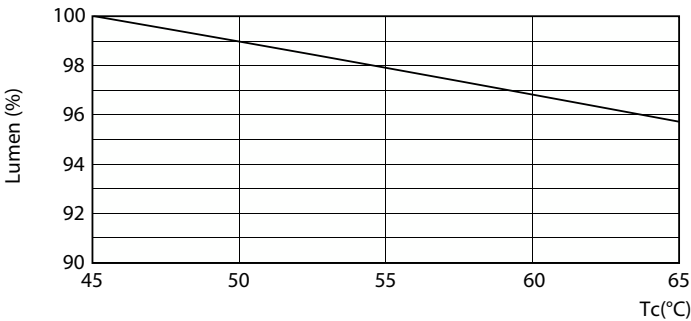
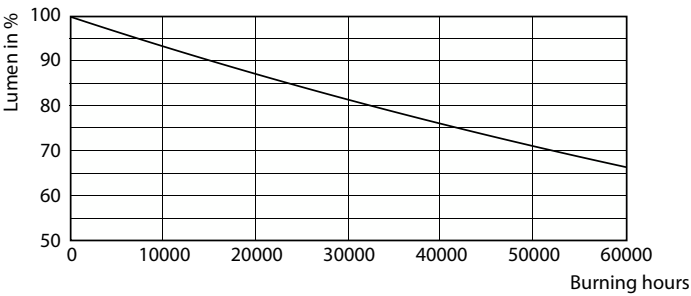
General uniform lighting - MAS LEDtube HF 600mm HO 8W865 T8

Lifetime



Life Expectancy Diagram - MAS LEDtube HF 600mm HO 8W865 T8

Life Expectancy Diagram - MAS LEDtube HF 600mm HO 8W865 T8

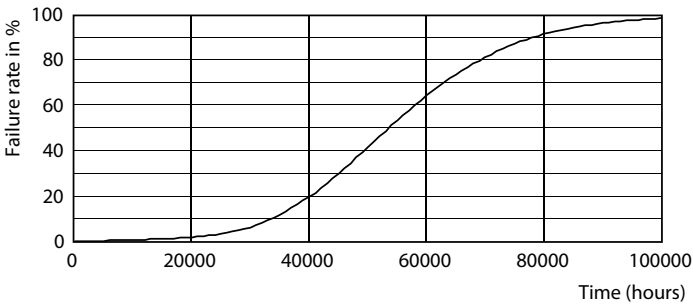


Lumen Maintenance Diagram - MAS LEDtube HF 600mm HO 8W865 T8

Lumen Maintenance Diagram - MAS LEDtube HF 600mm HO 8W865 T8

MASTER LEDtube InstantFit HF

Lifetime



Life Expectancy Diagram - MAS LEDtube HF 600mm HO 8W865 T8

