



MASTER LEDtube InstantFit HF T8



MASTER LEDtube HF 600mm HO 8W840 T8

Philips MASTER LEDtube InstantFit T8 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. Philips MASTER LEDtube InstantFit T8 is the ideal solution for customers who have higher light requirements and want to maximize value over lifetime. Full energy savings & longer lifetime result in attractive payback times and TCO benefits.

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]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	60000 h
Switching Cycle	50000
Flux measurement reference	Sphere
Tier	MASTER

Light technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	1050 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K

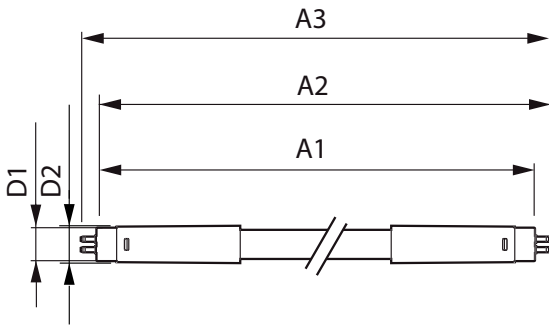
Operating and electrical	
Luminous Efficacy (rated) (Nom)	131.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %
Input Frequency	20000-80000 Hz
Power (Nom)	8 W
Lamp Current (Max)	500 mA
Lamp Current (Min)	150 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	20-50 V

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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)	60 °C
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Material	Plastic
Product Length	23-5/8 in
Bulb Shape	Tube, double-ended
Approval and application	
Energy Efficiency Class	E

Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	1251110
Product data	
Full product code	871869674355300
Order product name	MASTER LEDtube HF 600mm HO 8W840 T8
EAN/UPC - Product	8718696743553
Order code	929001393202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001393202
Net Weight (Piece)	0.160 kg

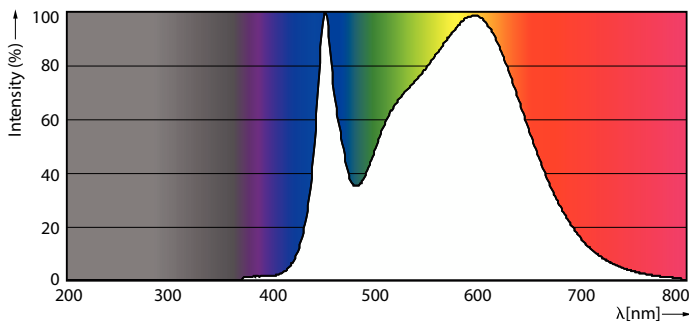
Dimensional drawing



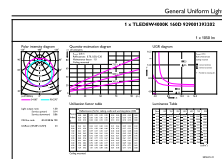
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Product	D1	D2	A1	A2	A3
MASTER LEDtube HF 600mm HO 8W840 T8	25.8 mm	28 mm	588.6 mm	595.7 mm	602.8 mm

Photometric data



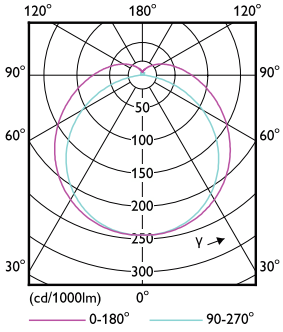
Spectral Power Distribution Colour



General uniform lighting

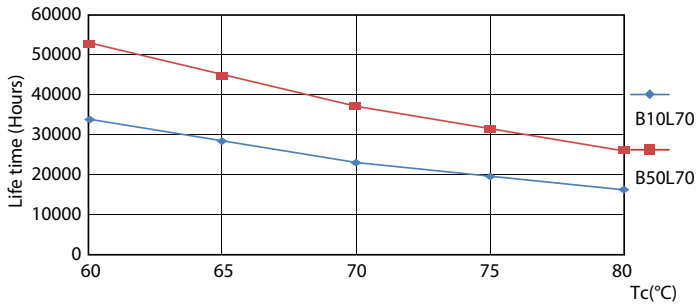
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Photometric data

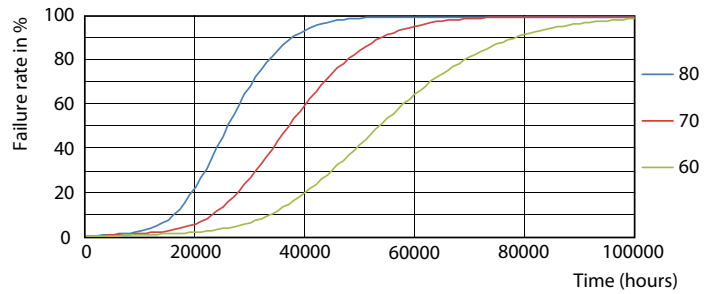


Light Distribution Diagram

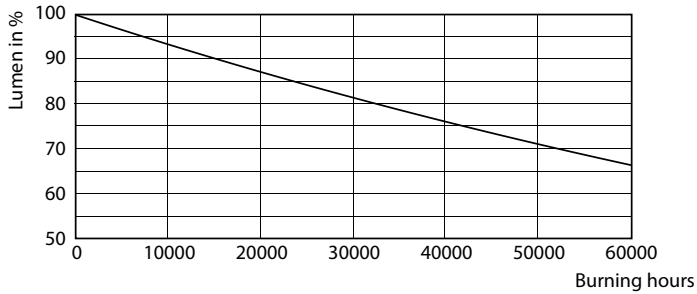
Lifetime



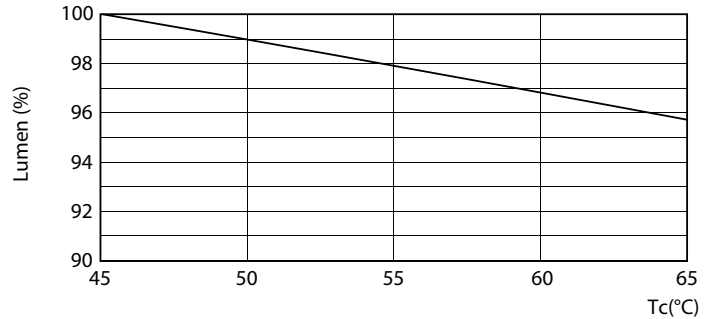
LifetimeVsTc



FailureRate



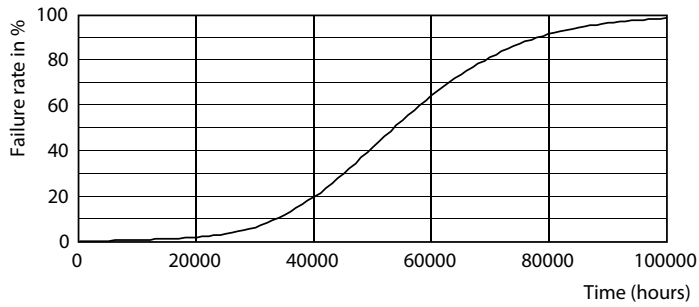
Lumen Maintenance Diagram



LumenVsTc

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Lifetime



Life Expectancy Diagram

