



MASTER LEDtube EM/ Mains T8



MASTER LEDtube 600mm HO 8W840 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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

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

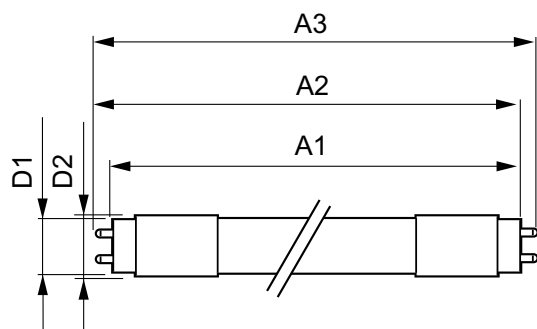
General Information	
Cap-Base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	70000 h
Switching Cycle	200000X
Flux measurement reference	Sphere
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	1050 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	131.00 lm/W
Color Consistency	<6

Color Rendering Index (Nom)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	8 W
Lamp Current (Max)	42 mA
Lamp Current (Min)	36 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-Ambient (Max)	35 °C
T-Ambient (Min)	-20 °C

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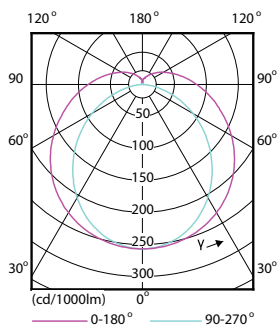
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	600 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Efficiency Class	E
Energy Saving Product	Yes

Dimensional drawing



TLED 220-240V 8W-18W 1050lm 4000K G13

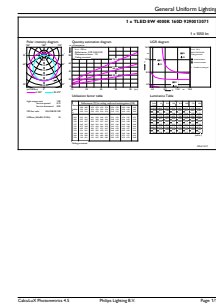
Photometric data



LEDtube 600mm 1200mm 1500mm UO T8

Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	465199
Product Data	
Full product code	871869669749800
Order product name	MASTER LEDtube 600mm HO 8W840 T8
EAN/UPC - Product	8718696697498
Order code	929001307102
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001307102
Net Weight (Piece)	0.150 kg

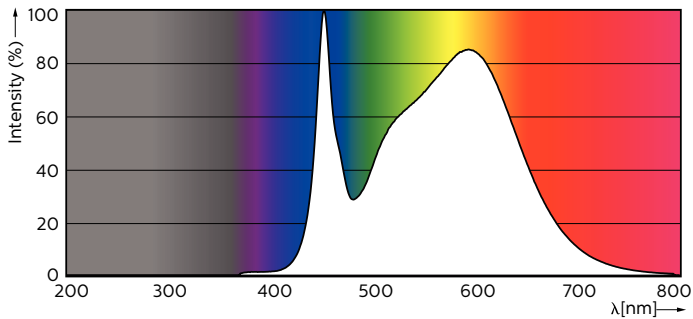
Product	D1	D2	A1	A2	A3
MASTER LEDtube 600mm HO 8W840 T8	25.78 mm	28 mm	588.5 mm	595.5 mm	602.5 mm



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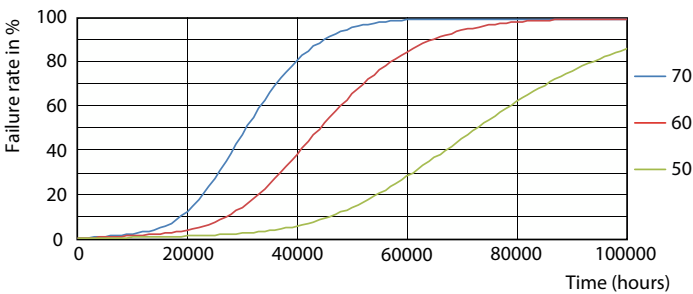
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Photometric data

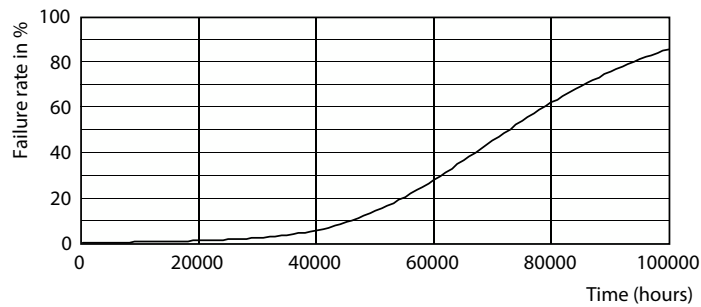


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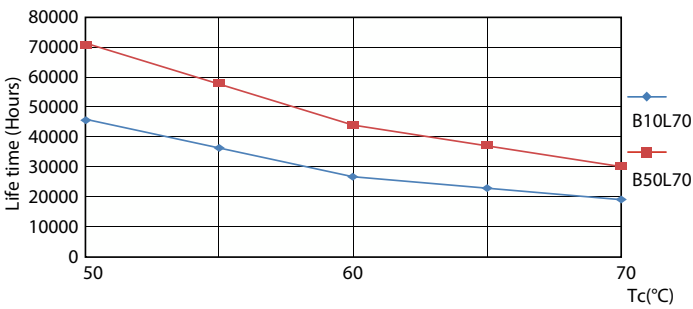
Lifetime



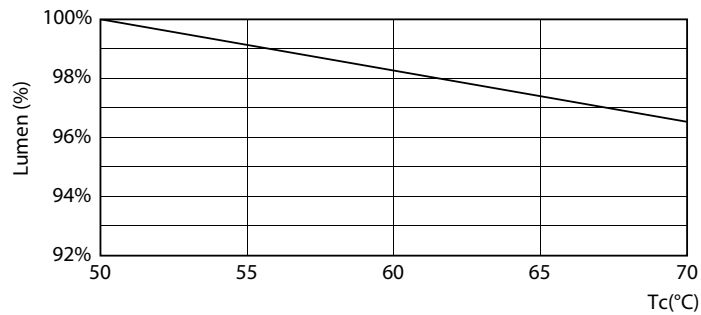
LEDtube 70K 5070 FailureRate-LED



LEDtube_70K-LED



LEDtube 70K 5070 LifetimeVsTc-LED



LEDtube 70K 5070 LumenVsTc-LMP

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Lifetime



LEDtube_70K-LMP

