



MASTER LEDtube EM/ Mains



MASTER LEDtube 900mm HO 12W 865 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

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Product data

General Information	
Cap base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	70000 h
Switching cycle	200,000X Sphere
Light Technical	
Colour Code	865 [CCT of 6,500 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	1575 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	131.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80

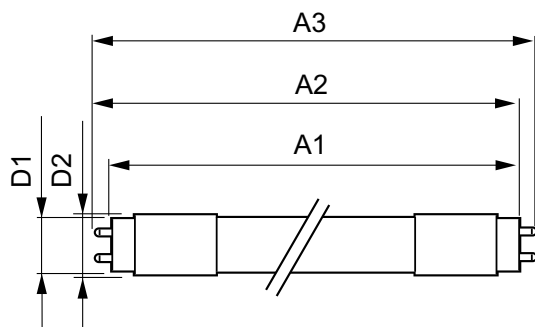
LLMF at end of nominal lifetime (nom.) 70 %	
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	12 W
Lamp current (max.)	60 mA
Lamp current (min.)	50 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C

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T-Case maximum (nom.)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Plastic
Product length	900 mm
Bulb shape	Tube, double-ended
Approval and Application	
Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	12 kWh
	403573
Product Data	
Full product code	871869668710900
Order product name	MASTER LEDtube 900mm HO 12W 865 T8
EAN/UPC – product	8718696687109
Order code	68710900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001298502
SAP net weight (piece)	0.174 kg

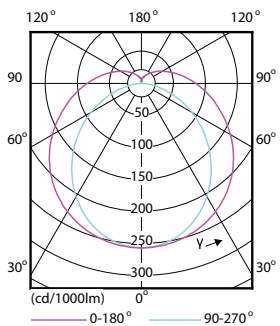
Dimensional drawing



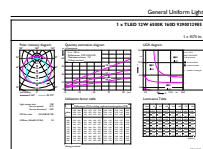
TLED 3ft 12W-30W 1575lm 160D 6500K G13ND

Product	D1	D2	A1	A2	A3
MASTER LEDtube 900mm HO 12W 865 T8	25.78 mm	28 mm	893.3 mm	900.4 mm	907.5 mm

Photometric data



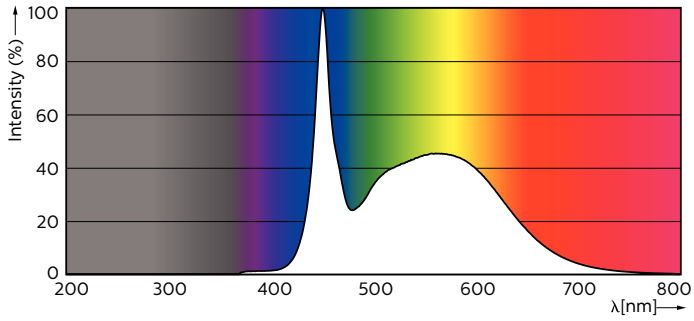
LEDtube 600mm 1200mm 1500mm UO T8



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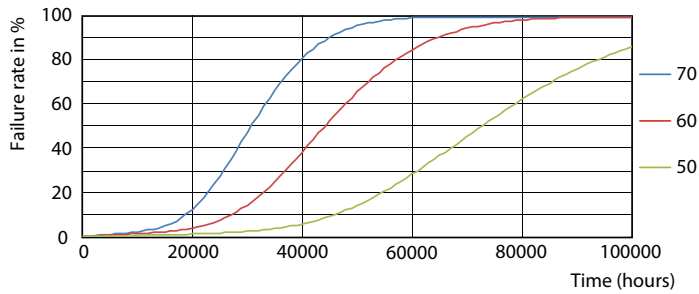
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Photometric data

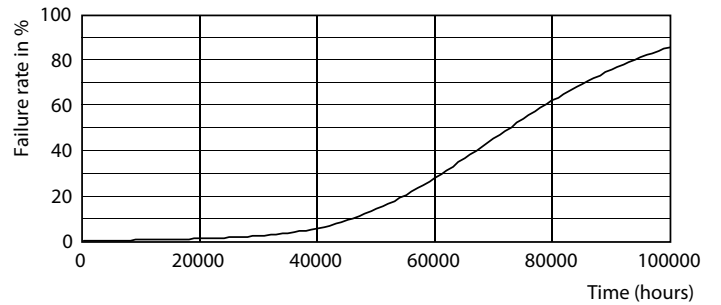


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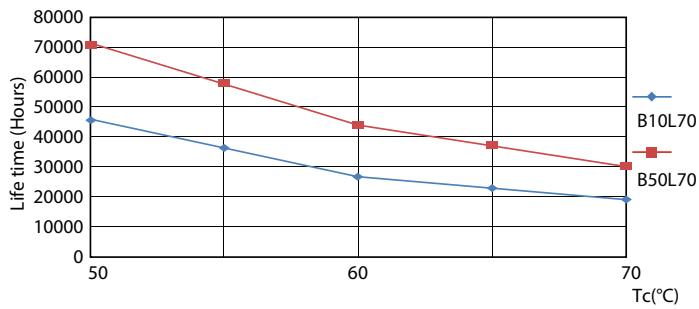
Lifetime



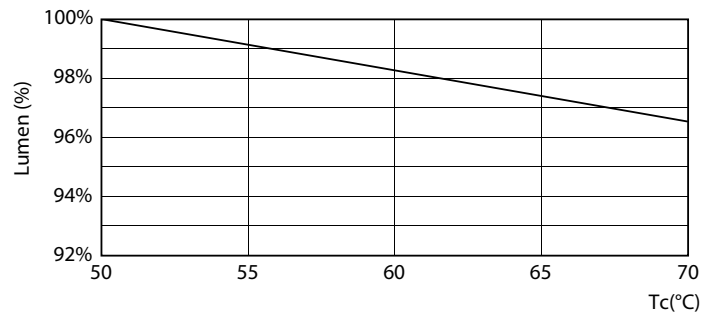
LEDtube MAS SLR 12,5W 70K FailureRate-LED-LED



LEDtube_70K-LED



LEDtube MAS SLR 12,5W 70K LifetimeVsTc-LED-LED



LEDtube MAS SLR 12,5W 70K LumenVsTc-LMP-LMP

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Lifetime



LEDtube_70K-LMP

