



MASTER LEDtube EM/ Mains



MASTER LEDtube 600mm HO 8W830 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

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Product data

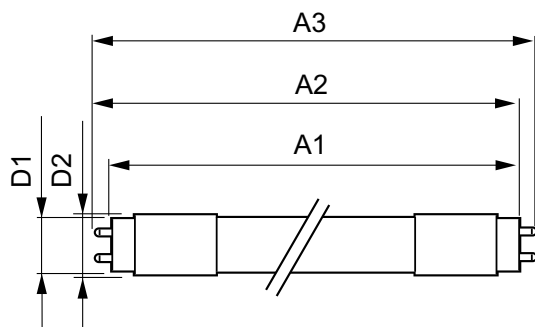
General Information		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]		
EU RoHS compliant	Yes		
Nominal lifetime (nom.)	70000 h		
Switching cycle	200,000X		
	Sphere		
Light Technical		Operating and Electrical	
Colour Code	830 [CCT of 3,000 K]	Input frequency	50 to 60 Hz
Beam Angle (Nom)	160 °	Power (Rated) (Nom)	8 W
Luminous flux (nom.)	1000 lm	Lamp current (max.)	42 mA
Colour designation	White (WH)	Lamp current (min.)	36 mA
Correlated Colour Temperature (Nom)	3000 K	Starting time (nom.)	0.5 s
Luminous efficacy (rated) (nom.)	125.00 lm/W	Warm-up time to 60% light (nom.)	0.5 s
Colour consistency	<6	Power factor (nom.)	0.9
Colour rendering index (nom.)	83	Voltage (Nom)	220-240 V
		Temperature	
		T-ambient (max.)	35 °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	600 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	8 kWh
	465198
Product Data	
Full product code	871869669747400
Order product name	MASTER LEDtube 600mm HO 8W830 T8
EAN/UPC – product	8718696697474
Order code	69747400
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001307002
SAP net weight (piece)	0.150 kg

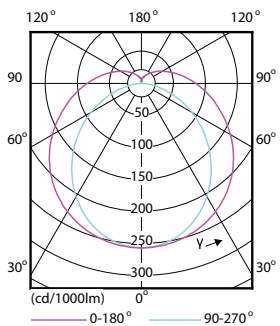
Dimensional drawing



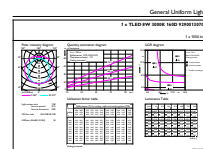
TLED 220-240V 8W-18W 1000lm 3000K G13

Product	D1	D2	A1	A2	A3
MASTER LEDtube 600mm HO 8W830 T8	25.78 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data



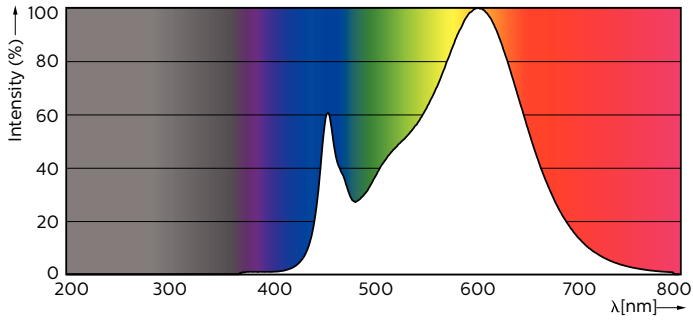
LEDtube 600mm 1200mm 1500mm UO T8



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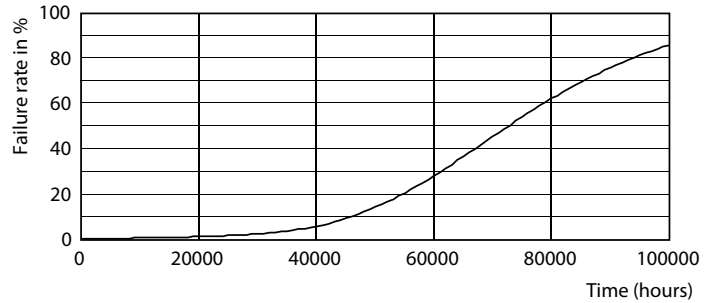
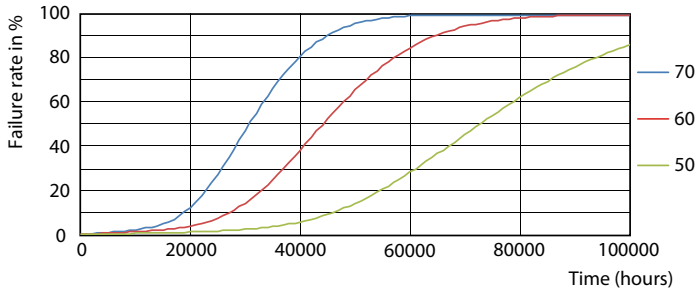
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Photometric data



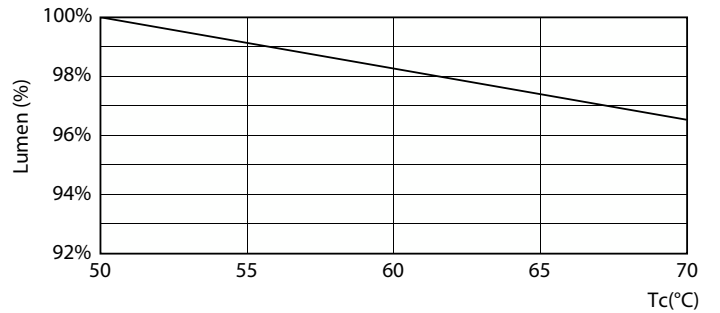
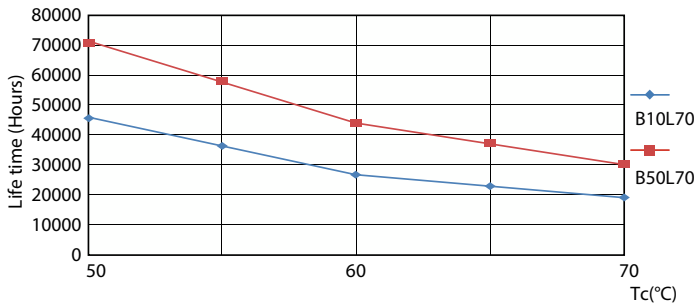
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Lifetime



LEDtube 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

