



MASTER LEDtube EM/ Mains T8

MAS 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

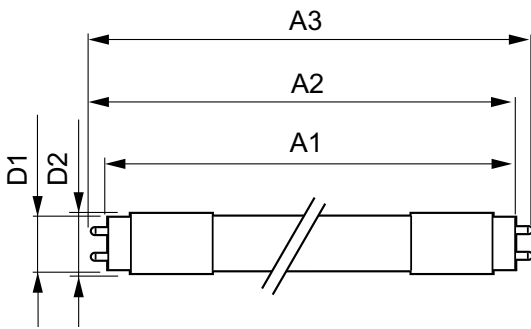
General Information		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	50 to 60 Hz
Nominal lifetime	60,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	200,000	Power Consumption	8 W
Lighting Technology	LED	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	830 [CCT of 3000K]	Ambient temperature range	-20 °C to 45 °C
Beam Angle (Nom)	190 degree(s)	T-Case Maximum (Nom)	50 °C
Luminous Flux	1,000 lumen		
Color Designation	White (WH)	Controls and Dimming	
Correlated Color Temperature (Nom)	3000 K	Dimmable	No
Luminous Efficacy (rated) (Nom)	125.00 lm/W		
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	83	Bulb Finish	Frosted
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Bulb Material	Plastic
Product Length	600 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
Product Data	
Full product code	871951446899300

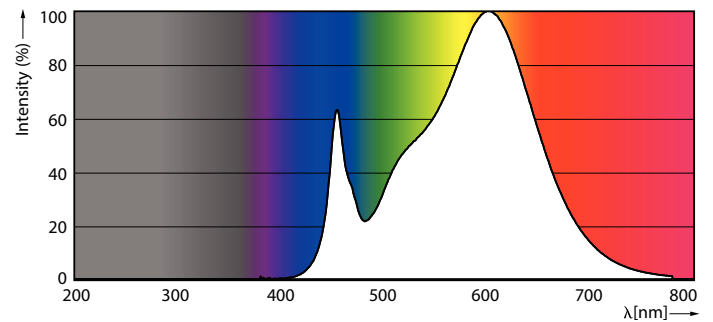
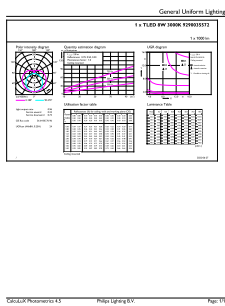
Order product name	MAS LEDtube 600mm HO 8W830 T8
Order code	929003557208
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929003557208
Full product name	MAS LEDtube 600mm HO 8W830 T8
EAN/UPC - Case	8719514469006
EAN/UPC - Product/Case	8719514468993

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm HO 8W830 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data

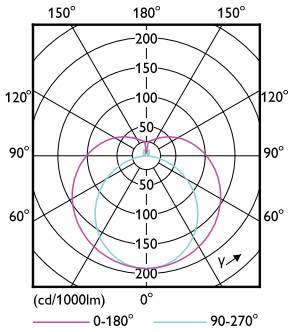


General uniform lighting - MAS LEDtube 600mm HO 8W830 T8

Spectral Power Distribution Colour

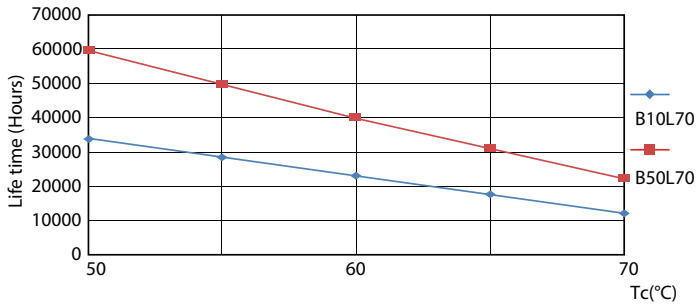
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Photometric data

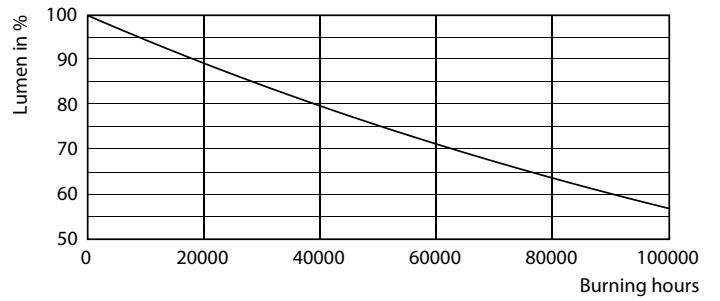


Light Distribution Diagram - MAS LEDtube 600mm HO 8W830 T8

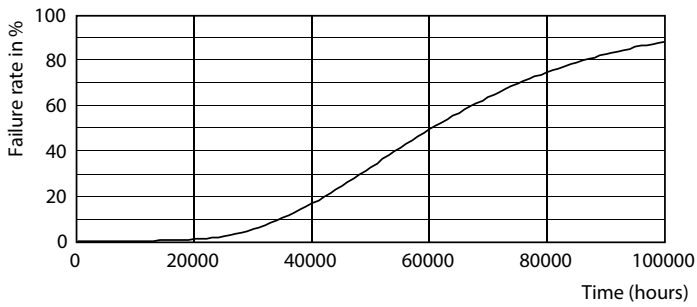
Lifetime



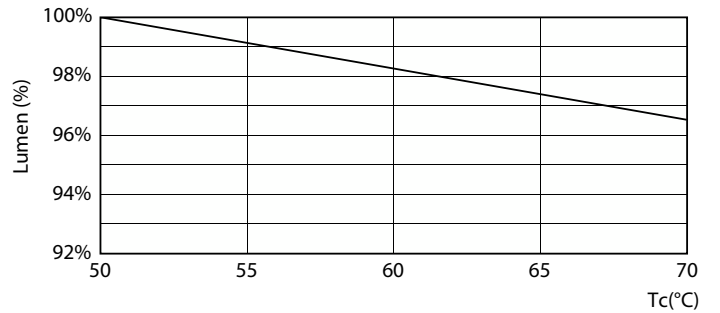
Life Expectancy Diagram - MAS LEDtube 600mm HO 8W830 T8



Lumen Maintenance Diagram - MAS LEDtube 600mm HO 8W830 T8



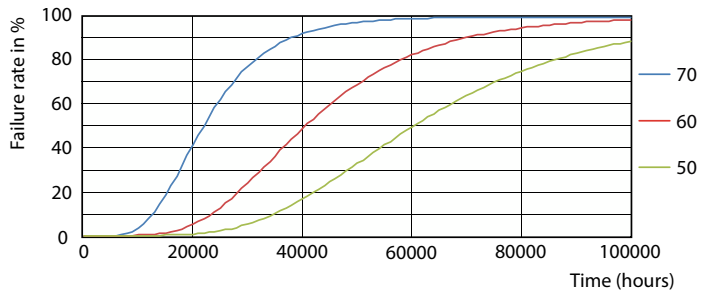
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Lumen Maintenance Diagram - MAS LEDtube 600mm HO 8W830 T8

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Lifetime



Life Expectancy Diagram - MAS LEDtube 600mm HO 8W830 T8

