



MASTER LEDtube EM/ Mains T8

MAS 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. 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)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		70 %
Nominal lifetime	60,000 hour(s)	Operating and Electrical	
Switching Cycle	200,000	Line Frequency	50 to 60 Hz
Lighting Technology	LED	Input Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power Consumption	8 W
Light Technical		Lamp Current (Max)	40 mA
Color Code	840 [CCT of 4000K]	Lamp Current (Min)	35 mA
Beam Angle (Nom)	190 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	1,050 lm	Warm-up time to 60% light	0.5 s
Color Designation	Cool White (CW)	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Voltage (Nom)	220-240 V
Luminous Efficacy (rated) (Nom)	131.00 lm/W	Temperature	
Color Consistency	<6	Ambient temperature range	-20 °C to 45 °C
Color rendering index (CRI)	83	T-Case Maximum (Nom)	50 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	600 mm
Bulb Shape	T8

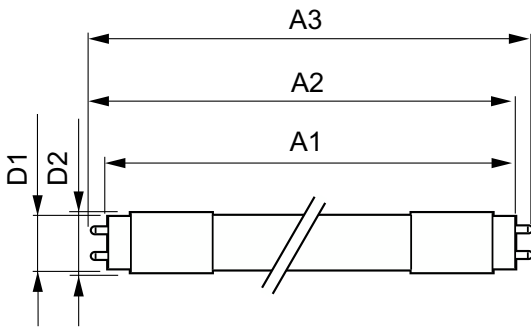
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate

Product Data

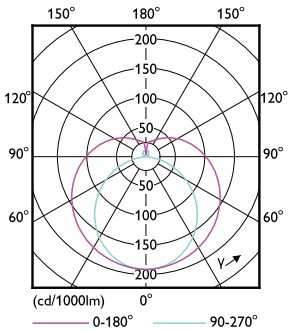
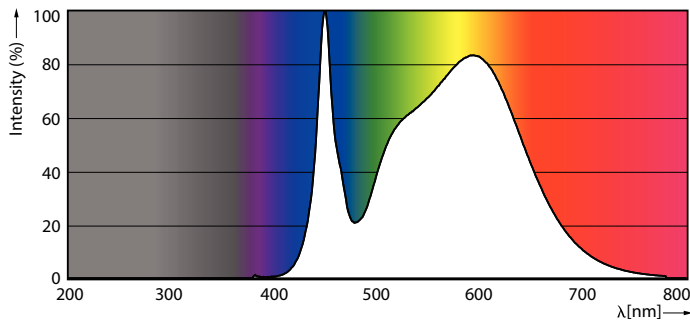
Order product name	MAS LEDtube 600mm HO 8W840 T8
Full product name	MAS LEDtube 600mm HO 8W840 T8
Full product code	871951446901300
Order code	929003557308
Material Nr. (12NC)	929003557308
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514469013
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514469020

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm HO 8W840 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data

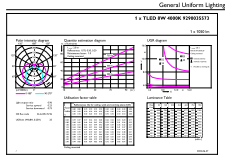


Spectral Power Distribution Colour - MAS LEDtube 600mm HO 8W840 T8

Light Distribution Diagram - MAS LEDtube 600mm HO 8W840 T8

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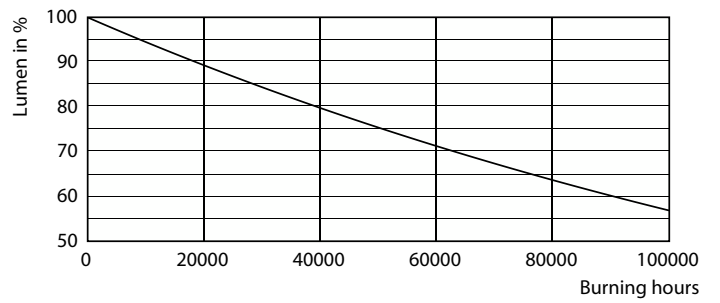
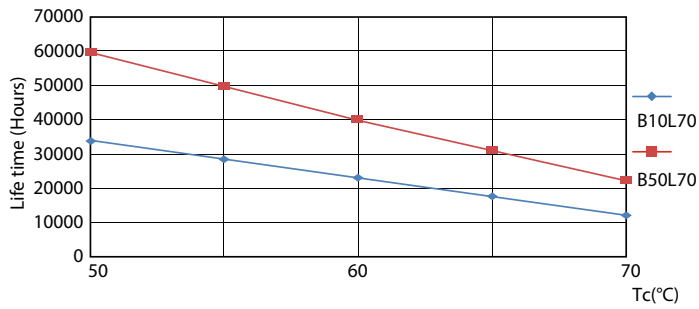
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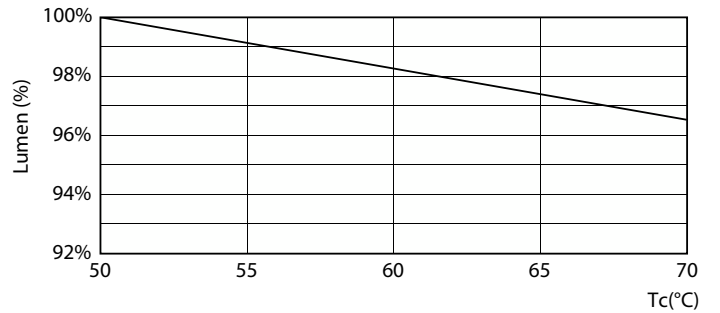
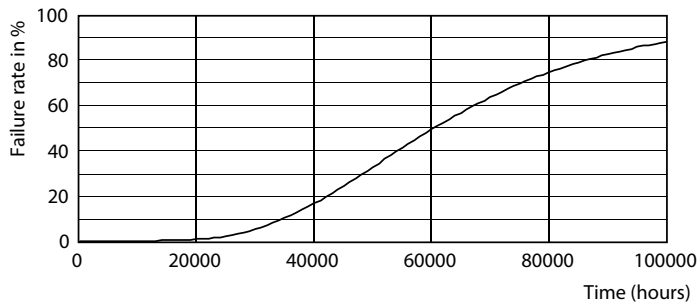
General uniform lighting - MAS LEDtube 600mm HO 8W840 T8

Lifetime



Life Expectancy Diagram - MAS LEDtube 600mm HO 8W840 T8

Lumen Maintenance Diagram - MAS LEDtube 600mm HO 8W840 T8

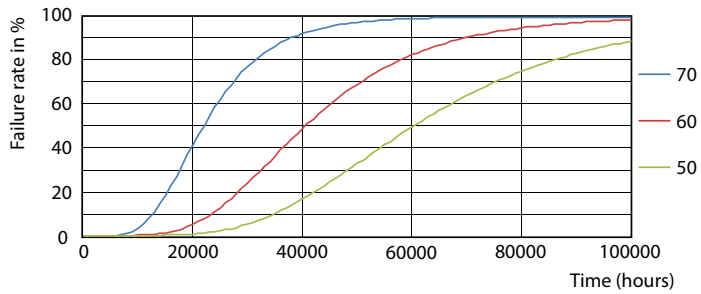


Life Expectancy Diagram - MAS LEDtube 600mm HO 8W840 T8

Lumen Maintenance Diagram - MAS LEDtube 600mm HO 8W840 T8

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Lifetime



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