



MASTER LEDtube EM/ Mains T8

MAS LEDtube 600mm HO 8W865 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. These T8 LED tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings thanks to low energy consumption and an exceptionally long lifetime ensure this tube masters every demanding application.

Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.

Product data

General Information		Color rendering index (CRI)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		83
Nominal lifetime	60,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	200,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
Light Technical		Input Frequency	50 to 60 Hz
Color Code	865 [CCT of 6500K]	Power Consumption	8 W
Beam Angle (Nom)	190 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	1,050 lumen	Warm-up time to 60% light	0.5 s
Color Designation	Cool Daylight	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	6500 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

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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	Tube, double-ended

Approval and Application

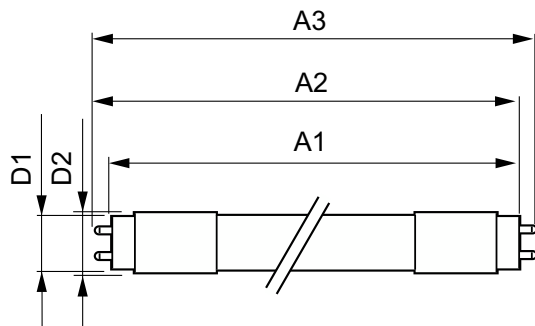
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate

EU RoHS compliant	Yes
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Product Data

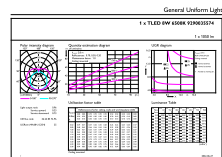
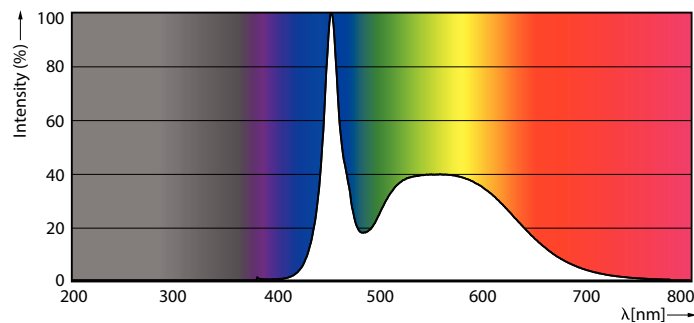
Full product code	871951446903700
Order product name	MAS LEDtube 600mm HO 8W865 T8
Order code	929003557408
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material number (12NC)	929003557408
Full product name	MAS LEDtube 600mm HO 8W865 T8
EAN/UPC - Case	8719514469044

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm HO 8W865 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

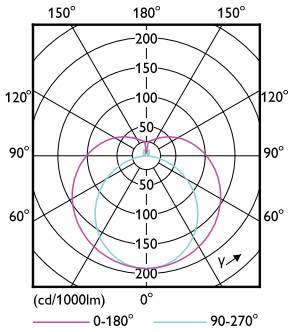
Photometric data



Spectral Power Distribution Colour

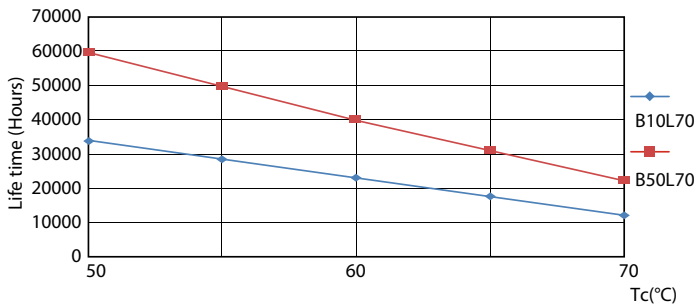
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Photometric data

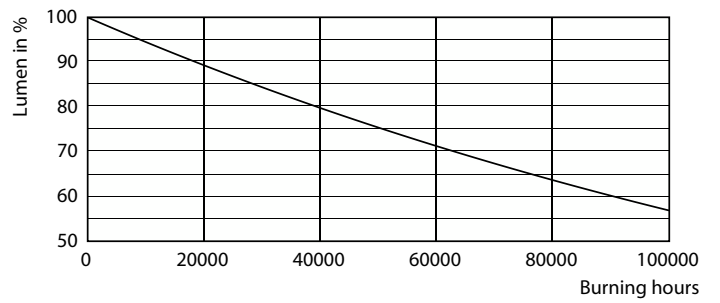


Light Distribution Diagram - MAS LEDtube 600mm HO 8W865 T8

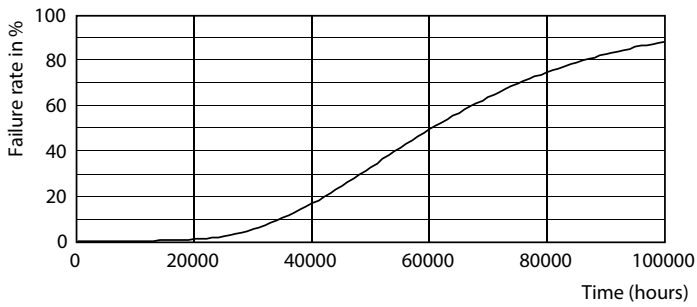
Lifetime



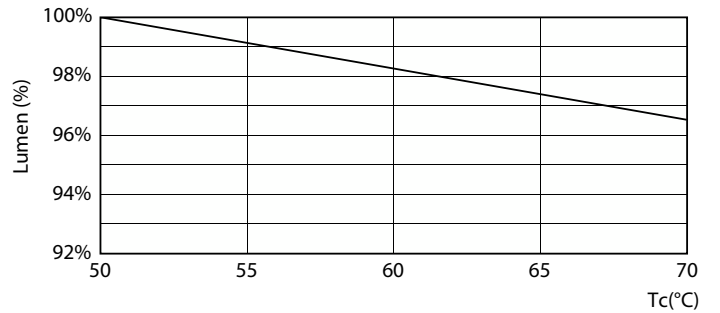
Life Expectancy Diagram - MAS LEDtube 600mm HO 8W865 T8



Lumen Maintenance Diagram - MAS LEDtube 600mm HO 8W865 T8



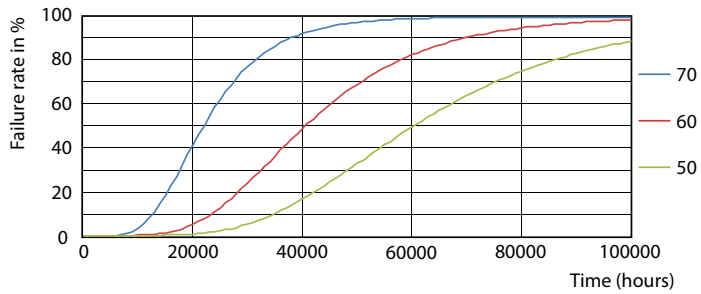
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Lifetime



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