



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm HO VWV 18W 865 T8 GM

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	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
Switching Cycle	200,000	Input Frequency	50 to 60 Hz
Nominal lifetime	60,000 hour(s)	Power Consumption	18 W
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	100-277 V
Light Technical		Temperature	
Color Code	865 [CCT of 6500K]	Ambient temperature range	-20 °C to 45 °C
Beam Angle (Nom)	190 degree(s)	T-Case Maximum (Nom)	50 °C
Luminous Flux	2,100 lumen		
Color Designation	Cool Daylight	Controls and Dimming	
Correlated Color Temperature (Nom)	6500 K	Dimmable	No
Luminous Efficacy (rated) (Nom)	116 lm/W		
Color Consistency	<6		
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1,200 mm
Bulb Shape	Tube, double-ended

Approval and Application

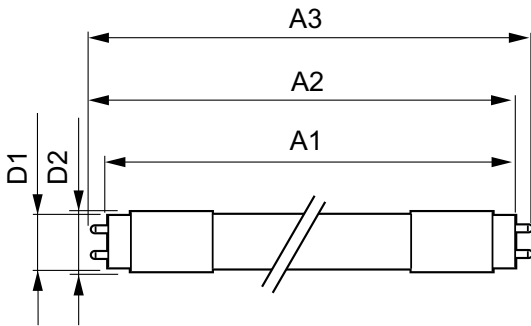
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate KEMA Keur certificate
EU RoHS compliant	Yes

Product Data

Full product code	871951446935800
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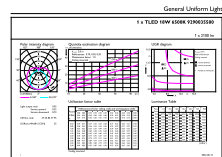
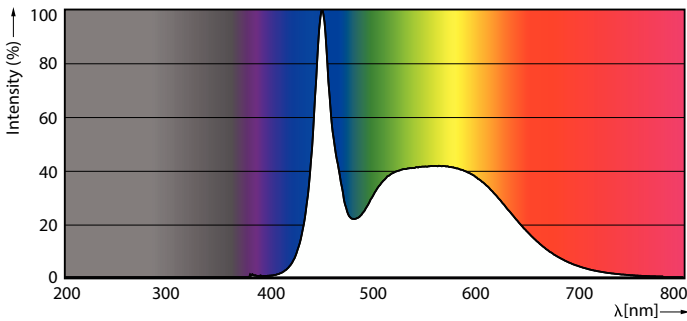
Order product name	MAS LEDtube 1200mm HO VWV 18W 865 T8 GM
Order code	929003558008
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material number (12NC)	929003558008
Full product name	MAS LEDtube 1200mm HO VWV 18W 865 T8 GM
EAN/UPC - Case	8719514469365

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO VWV 18W 865 T8 GM	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Photometric data

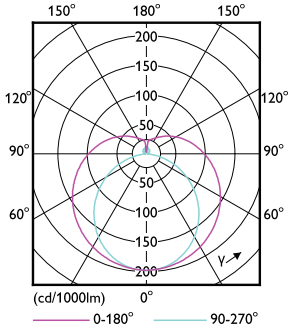


Spectral Power Distribution Colour

General uniform lighting - MAS LEDtube 1200mm HO VWV 18W 865 T8 GM

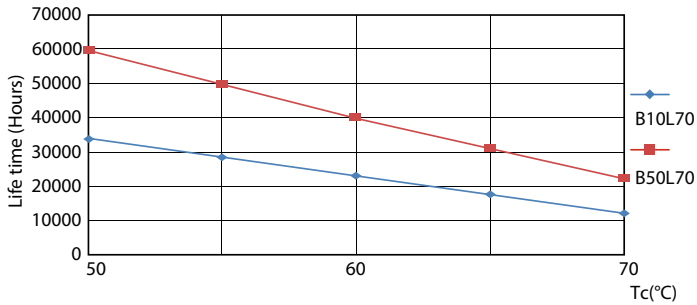
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Photometric data

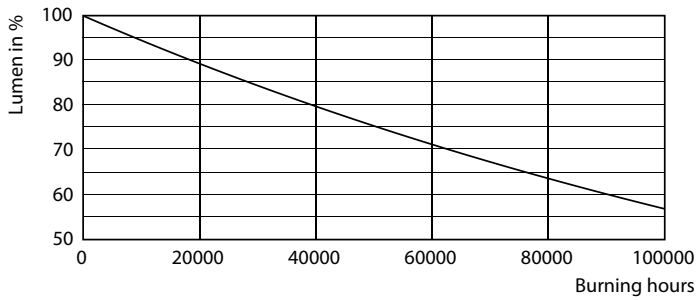


Light Distribution Diagram

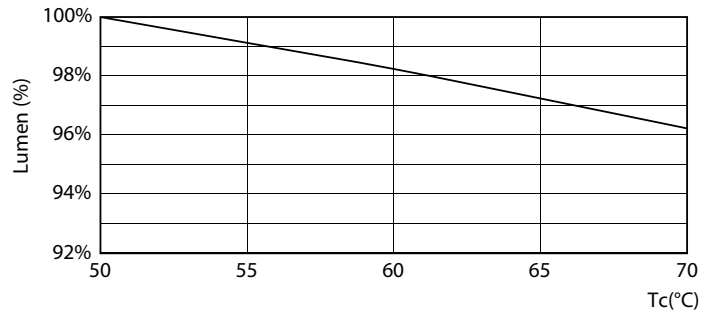
Lifetime



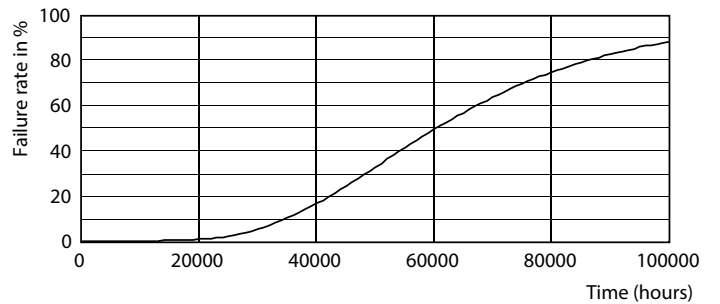
Life Expectancy Diagram - MAS LEDtube 1200mm HO VWV 18W 865 T8 GM



Lumen Maintenance Diagram - MAS LEDtube 1200mm HO VWV 18W 865 T8 GM



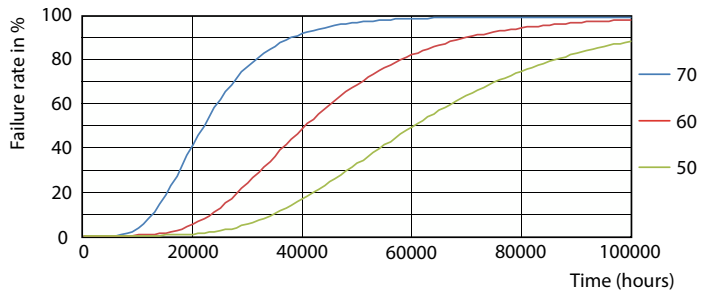
Lumen Maintenance Diagram



Life Expectancy Diagram - MAS LEDtube 1200mm HO VWV 18W 865 T8 GM

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Lifetime



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