



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm HO 14W865 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	14 W
Light Technical		Lamp Current (Nom)	70 mA
Color Code	865 [CCT of 6500K]	Starting Time (Nom)	0.5 s
Beam Angle (Nom)	190 degree(s)	Warm-up time to 60% light	0.5 s
Luminous Flux	2,100 lm	Power Factor (Fraction)	0.9
Color Designation	Cool Daylight	Voltage (Nom)	220-240 V
Correlated Color Temperature (Nom)	6500 K	Temperature	
Luminous Efficacy (rated) (Nom)	150.00 lm/W	Ambient temperature range	-20 °C to 45 °C
Color Consistency	<6	T-Case Maximum (Nom)	50 °C
Color rendering index (CRI)	80		

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1,200 mm
Bulb Shape	T8

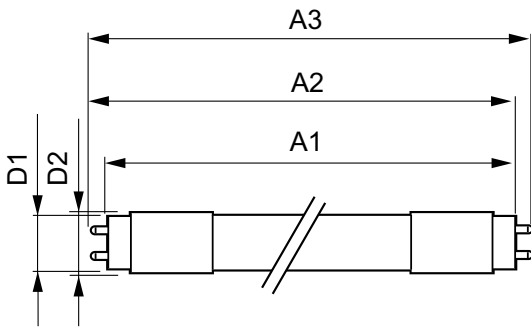
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate

Product Data

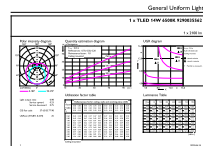
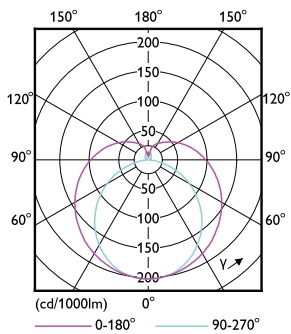
Order product name	MAS LEDtube 1200mm HO 14W865 T8
Full product name	MAS LEDtube 1200mm HO 14W865 T8
Full product code	871951446850400
Order code	929003556208
Material Nr. (12NC)	929003556208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514468504
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514468511

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 14W865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Photometric data

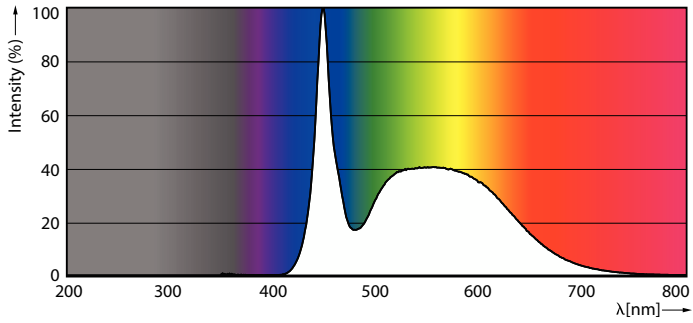


Light Distribution Diagram - MAS LEDtube 1200mm HO 14W865 T8

General uniform lighting - MAS LEDtube 1200mm HO 14W865 T8

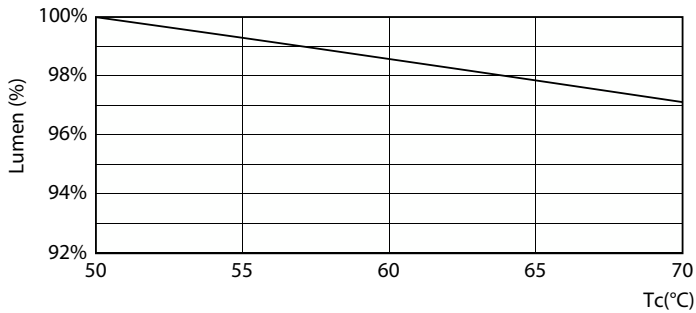
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Photometric data

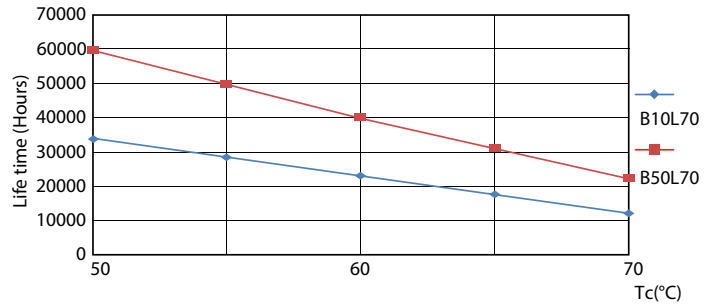


Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 14W865 T8

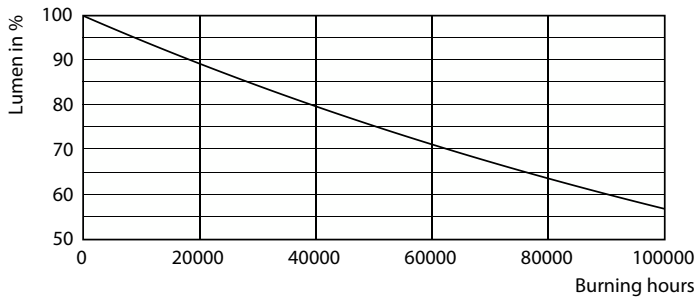
Lifetime



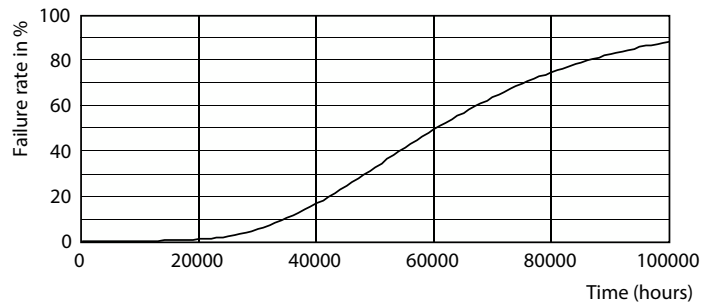
Lumen Maintenance Diagram - MAS LEDtube 1200mm HO 14W865 T8



Life Expectancy Diagram - MAS LEDtube 1200mm HO 14W865 T8



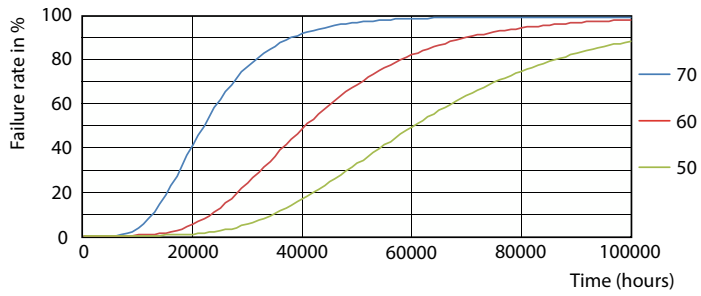
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Life Expectancy Diagram - MAS LEDtube 1200mm HO 14W865 T8

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Lifetime



Life Expectancy Diagram - MAS LEDtube 1200mm HO 14W865 T8

