



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm HO 14W840 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

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	14 W
Lamp Current (Nom)	70 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	60,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	190 degree(s)
Luminous Flux	2,100 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	150.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Temperature	
Ambient temperature range	-20 °C to 45 °C
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	1,200 mm
Bulb Shape	Tube, double-ended

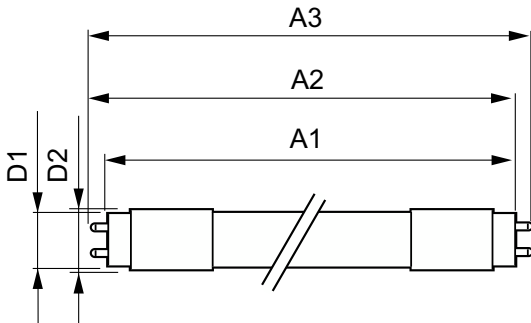
Approval and Application

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

Product Data

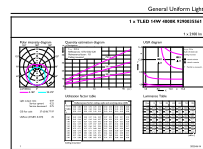
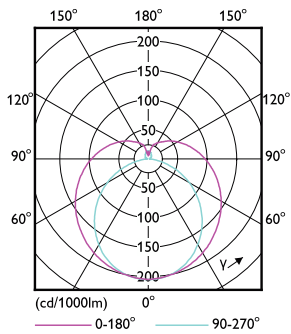
Full product code	871951446848100
Order product name	MAS LEDtube 1200mm HO 14W840 T8
Order code	929003556108
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material number (12NC)	929003556108
Full product name	MAS LEDtube 1200mm HO 14W840 T8
EAN/UPC - Case	8719514468498

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 14W840 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Photometric data

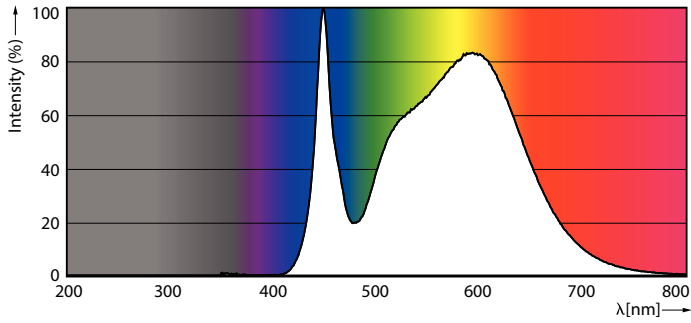


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Light Distribution Diagram - MAS LEDtube 1200mm HO 14W840 T8

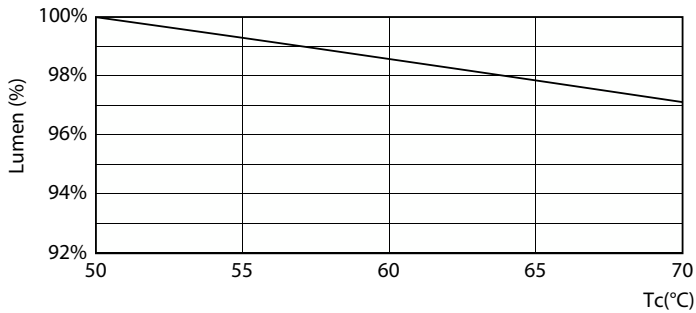
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Photometric data

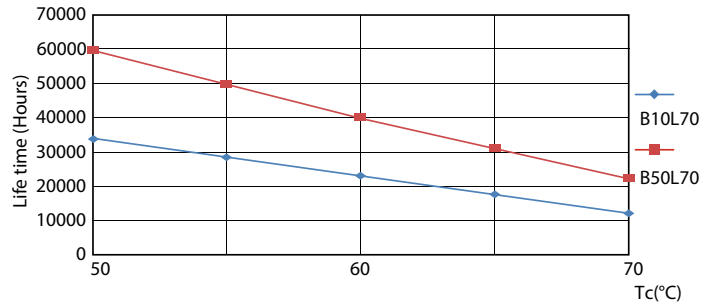


Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 14W840 T8

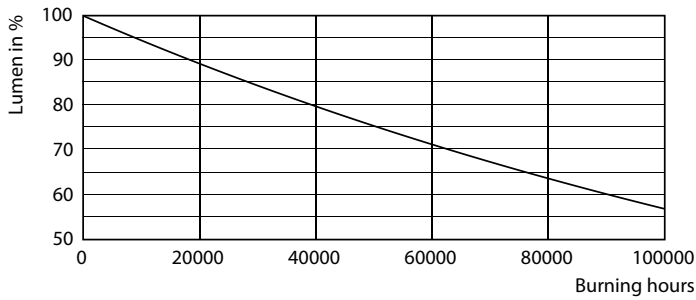
Lifetime



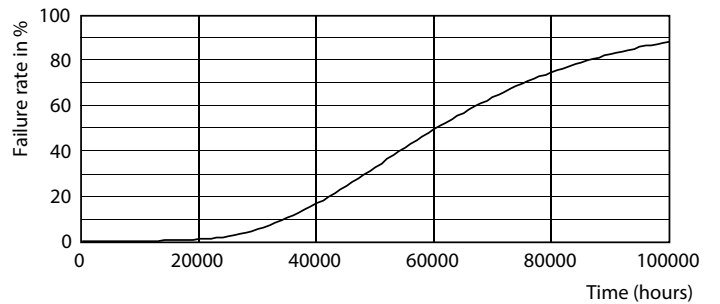
Lumen Maintenance Diagram - MAS LEDtube 1200mm HO 14W840 T8



Life Expectancy Diagram - MAS LEDtube 1200mm HO 14W840 T8



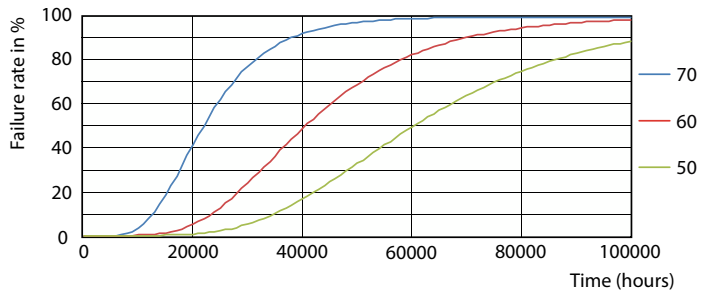
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Life Expectancy Diagram - MAS LEDtube 1200mm HO 14W840 T8

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Lifetime



Life Expectancy Diagram - MAS LEDtube 1200mm HO 14W840 T8

