



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm HO 14W865 T8 MY

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	50,000 hour(s)	Power Consumption	14 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)	220-240 V
Light Technical		Temperature	
Color Code	865 [CCT of 6500K]	Ambient temperature range	-20 °C to 45 °C
Beam Angle (Nom)	160 degree(s)	T-Case Maximum (Nom)	35 °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)	150.00 lm/W		
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	83	Bulb Finish	Frosted
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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

Approval and Application

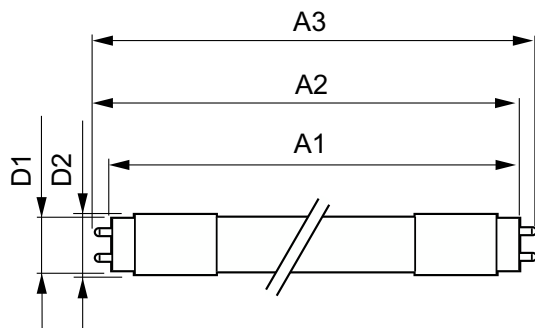
Energy Saving Product	Yes
Approval Marks	RoHS compliance
EU RoHS compliant	Yes

Product Data

Full product code	871869972393400
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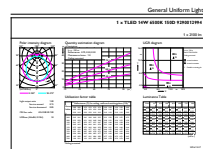
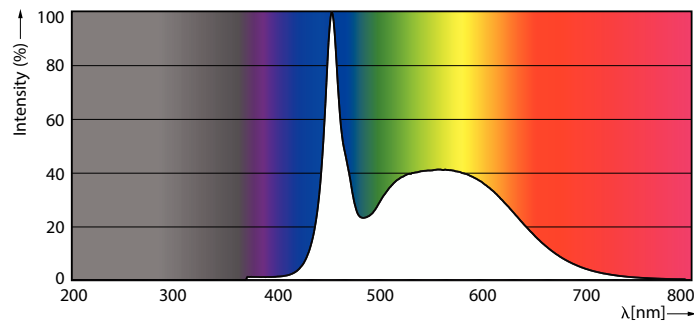
Order product name	MAS LEDtube 1200mm HO 14W865 T8 MY
Order code	929001299437
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929001299437
Full product name	MAS LEDtube 1200mm HO 14W865 T8 MY
EAN/UPC - Case	8718699723941

Dimensional drawing



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

Photometric data

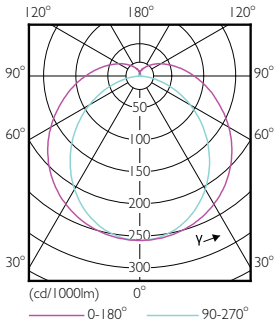


Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 14W865 T8 MY

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

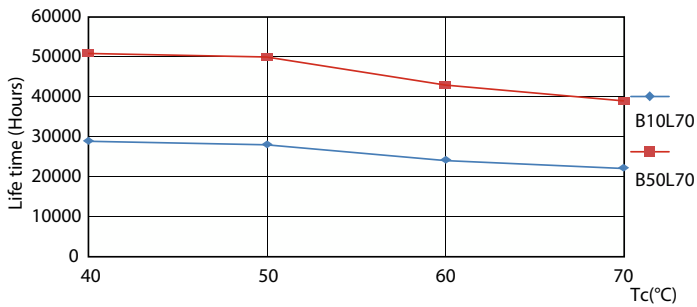
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Photometric data

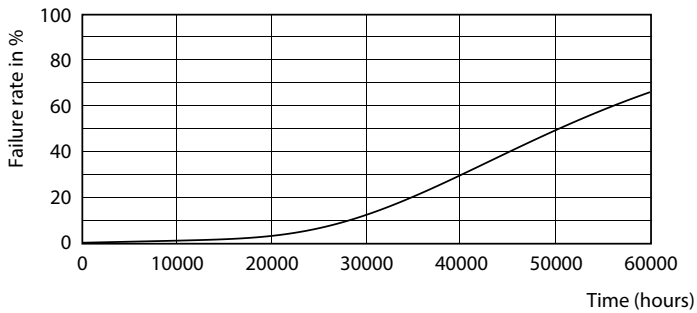


Light Distribution Diagram - MAS LEDtube 1200mm HO 14W865 T8 MY

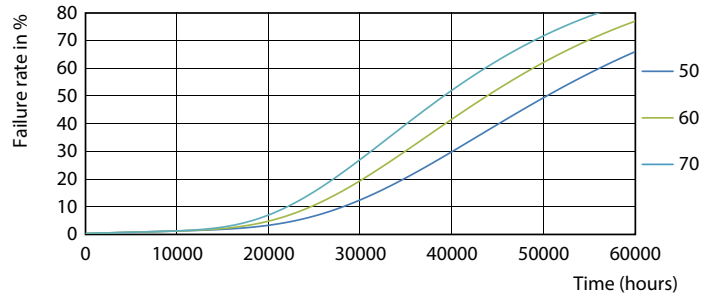
Lifetime



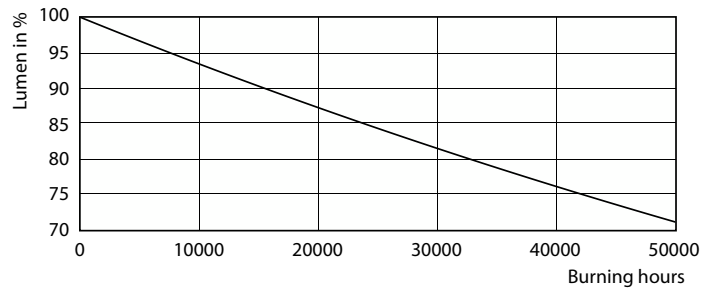
Life Expectancy Diagram - MAS LEDtube 1200mm HO 14W865 T8 MY



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



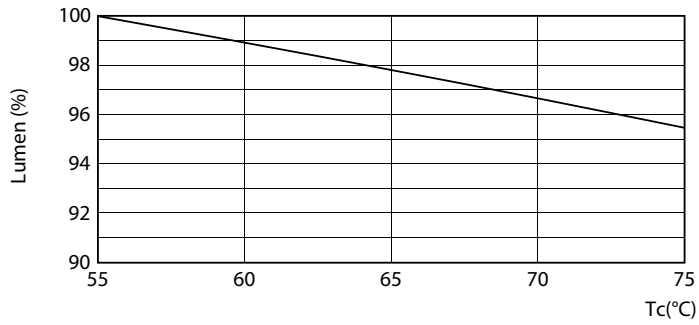
Life Expectancy Diagram - MAS LEDtube 1200mm HO 14W865 T8 MY



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

MASTER LEDtube EM/Mains T8

Lifetime



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

