



MASTER LEDtube EM/ Mains T8

MASTER LEDtube 1200mm HO 14W830 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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

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
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	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED

Light Technical	
Color Code	830 [CCT of 3000K]

Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,000 lumen
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	142.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	35 °C

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

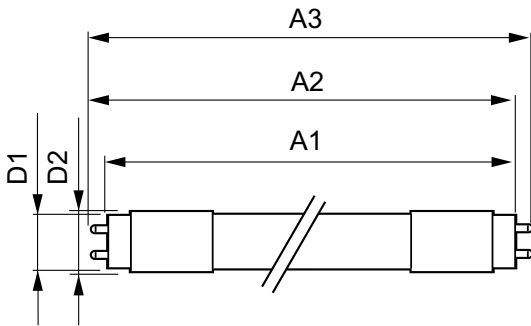
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	14 kWh
EU RoHS compliant	Yes

Product Data

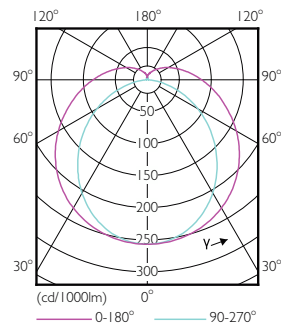
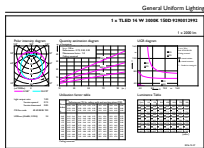
Full product code	871869668724600
Order product name	MAS LEDtube 1200mm HO 14W830 T8
Order code	68724600
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929001299208
Full product name	MASTER LEDtube 1200mm HO 14W830 T8
EAN/UPC - Case	8718696687253

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 14W830 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

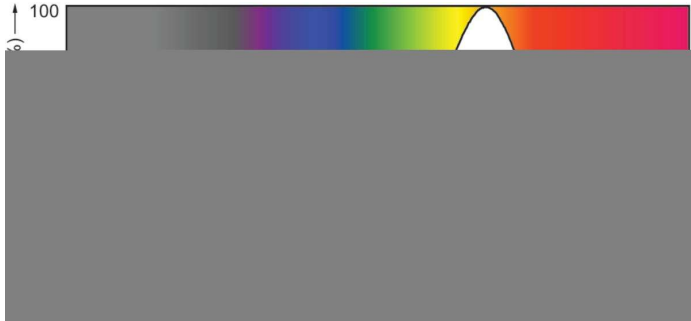
Photometric data



Light Distribution Diagram - MAS LEDtube 1200mm HO 14W830 T8

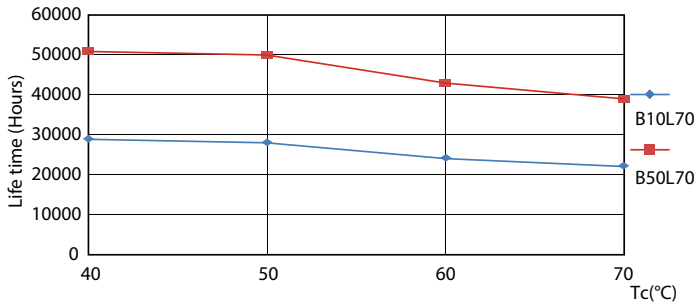
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Photometric data

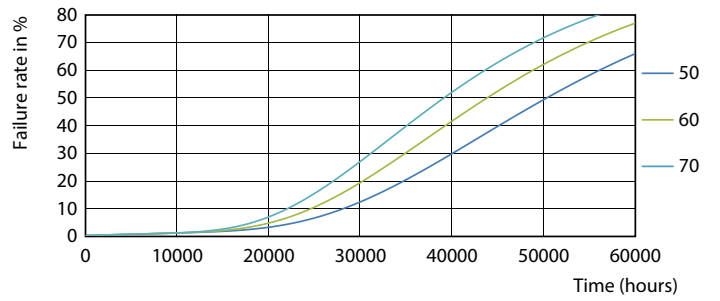


Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 14W830 T8

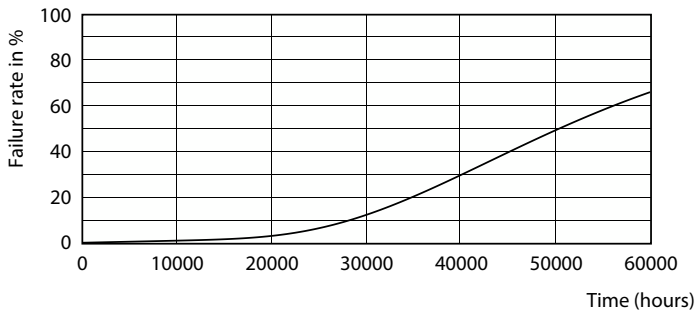
Lifetime



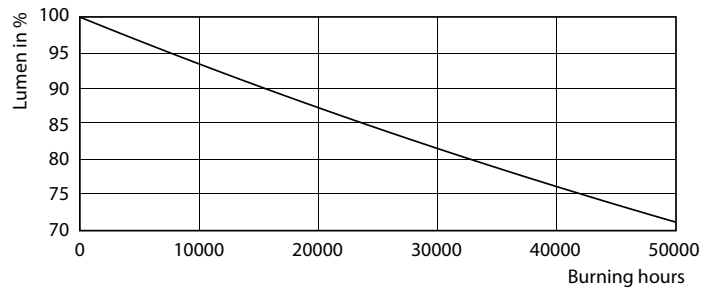
Life Expectancy Diagram - MAS LEDtube 1200mm HO 14W830 T8



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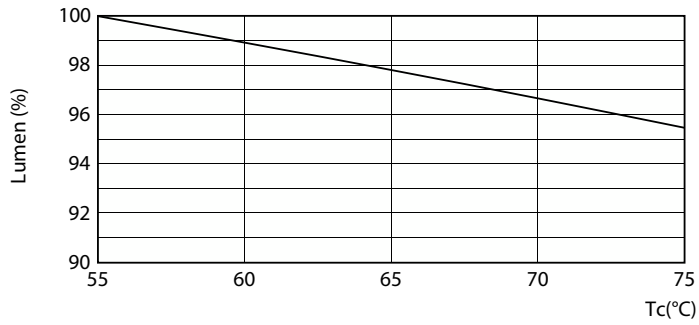
Life Expectancy Diagram - MAS LEDtube 1200mm HO 14W830 T8



Lumen Maintenance Diagram - MAS LEDtube 1200mm HO 14W830 T8

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Lifetime



Lumen Maintenance Diagram - MAS LEDtube 1200mm HO 14W830 T8

