

MASTER LEDtube EM/ Mains

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. This product is the ideal solution for up lamping in general lighting applications.

Warnings and Safety

- -

Product data

General Information	
Cap base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 h
Switching Cycle	200,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Colour Code	830 [CCT of 3000K]
Luminous Flux	2,000 lm
Correlated Colour Temperature	3000 K
Colour consistency	<6
Colour rendering index (CRI)	83
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	14 W
Lamp current (max.)	65 mA
Lamp current (min.)	60 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

Temperature	
Ambient temperature range	-20°C to 45°C
T-Case maximum (nom.)	55 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product length	1,200 mm

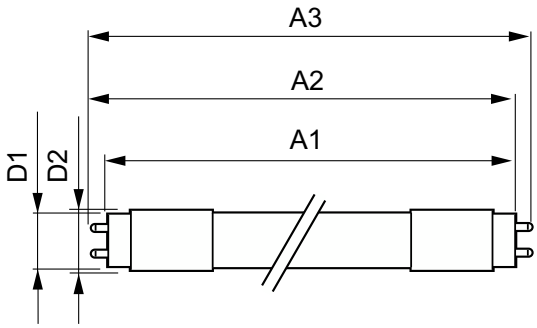
MASTER LEDtube EM/Mains

Approval and Application	
Energy-saving product	Yes
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	14 kWh

Product Data	
Order product name	MAS LEDtube 1200mm HO 14W830 T8
Full product name	MASTER LEDtube 1200mm HO 14W830 T8

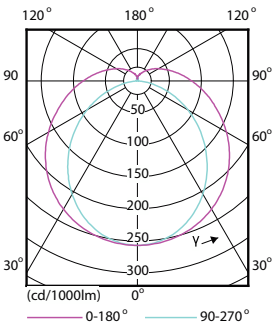
Full EOC	871869668718500
Order code	68718500
Material no. (12 NC)	929001298902
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696687185
Numerator – packs per outer box	10
EAN/UPC - Case	8718696687192

Dimensional drawing

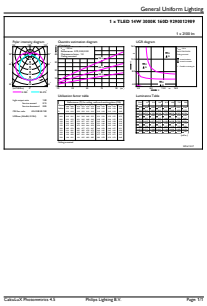


Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 14W830 T8	25.78 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

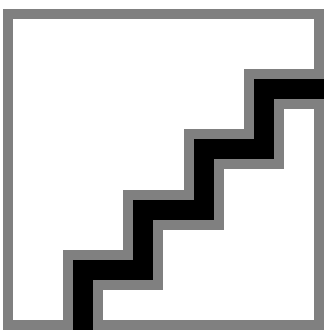
Photometric data



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



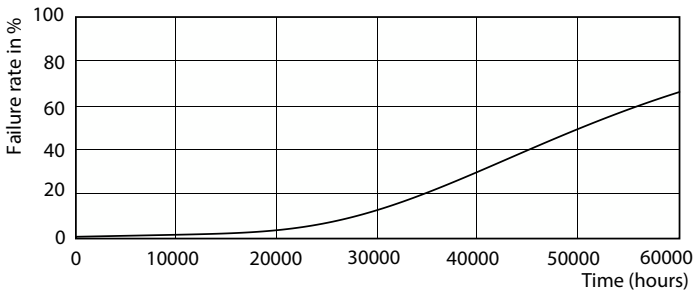
General uniform lighting - MAS LEDtube 1200mm HO 14W830 T8



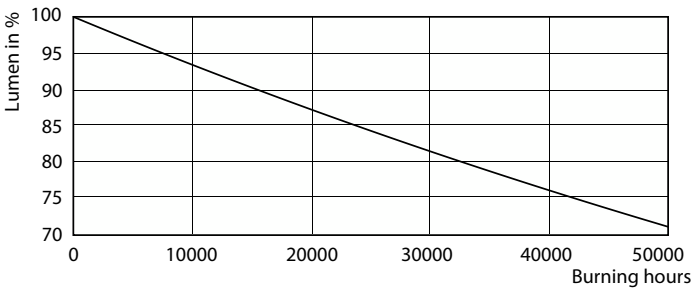
Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 14W830 T8

MASTER LEDtube EM/Mains

Lifetime



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



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

© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.