MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm 14W 865 T8 THD

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 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,100 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	150.00 lm/W
Color Consistency	<6
Color 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)	73 mA
Lamp Current (Min)	54 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

MASTER LEDtube EM/Mains T8

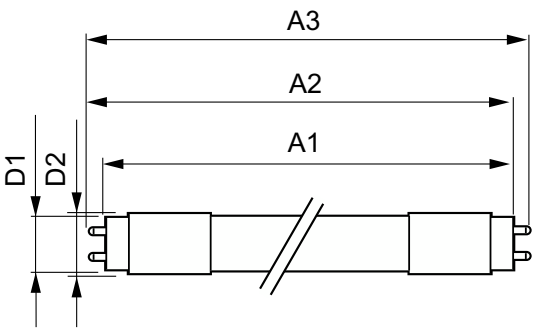
Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	1,200 mm
Bulb Shape	Tube, double-ended

Approval and Application	
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	14 kWh

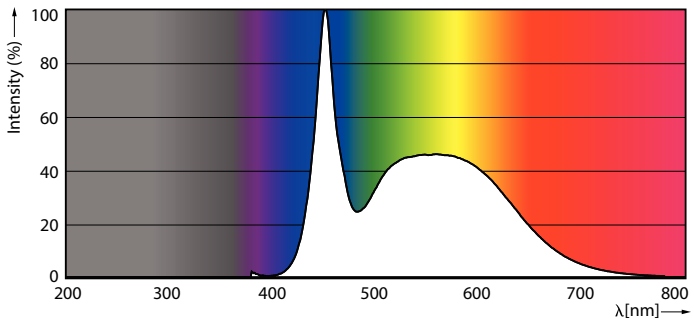
Product Data	
Order product name	MAS LEDtube 1200mm 14W 865 T8 THD
Full product name	MAS LEDtube 1200mm 14W 865 T8 THD
Full product code	871869672859800
Order code	929001375308
Material Nr. (12NC)	929001375308
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696728598
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696728604

Dimensional drawing

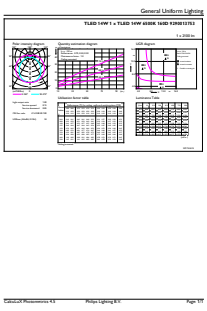


Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm 14W 865 T8 THD	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Photometric data



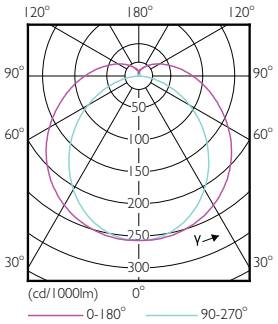
Spectral Power Distribution Colour - MAS LEDtube 1200mm 14W 865 T8 THD



General uniform lighting - MAS LEDtube 1200mm 14W 865 T8 THD

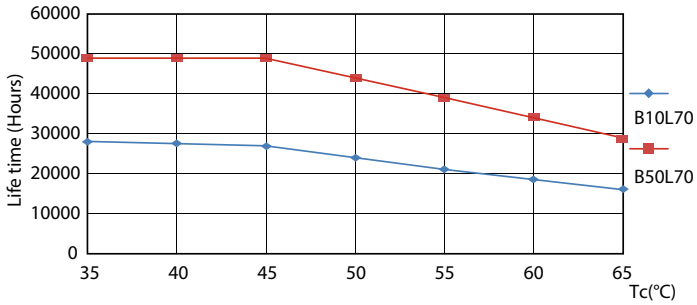
MASTER LEDtube EM/Mains T8

Photometric data

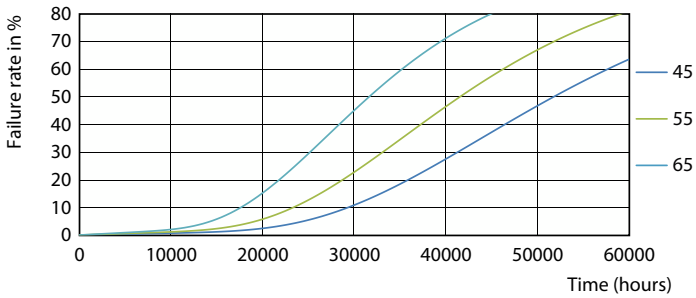


Light Distribution Diagram - MAS LEDtube 1200mm 14W 865 T8 THD

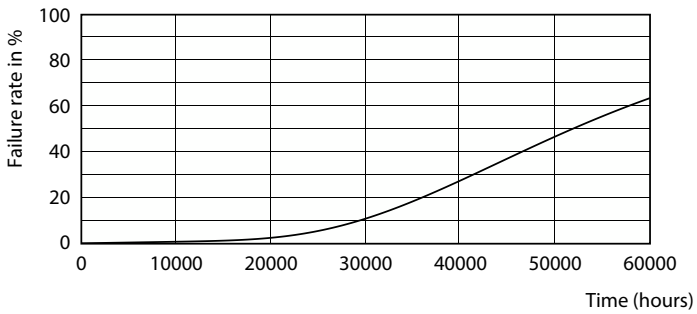
Lifetime



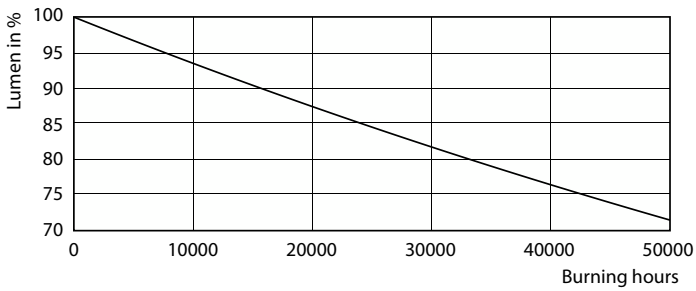
Life Expectancy Diagram - MAS LEDtube 1200mm 14W 865 T8 THD



Life Expectancy Diagram - MAS LEDtube 1200mm 14W 865 T8 THD



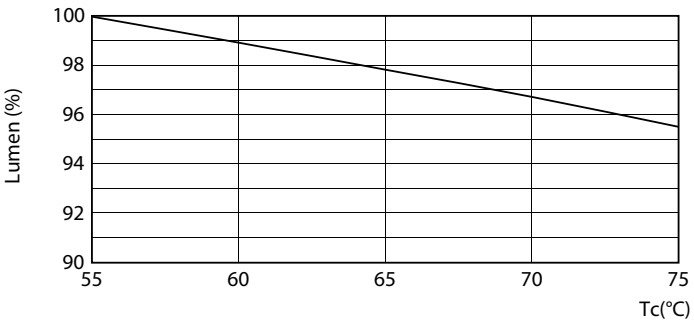
Life Expectancy Diagram - MAS LEDtube 1200mm 14W 865 T8 THD



Lumen Maintenance Diagram - MAS LEDtube 1200mm 14W 865 T8 THD

MASTER LEDtube EM/Mains T8

Lifetime



Lumen Maintenance Diagram - MAS LEDtube 1200mm 14W 865 T8 THD

© 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.