



# MASTER LEDtube EM/ Mains

## MASTER LEDtube 1200mm HO 14W865 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

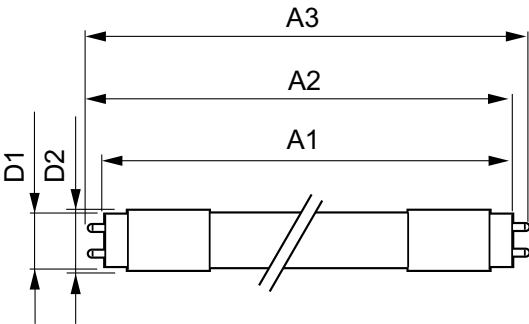
General Information	
Cap base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 h
Switching Cycle	200,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Colour Code	865 [CCT of 6500K]
Luminous Flux	2,100 lm
Correlated Colour Temperature	6500 K
Colour consistency	<6
Colour rendering 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

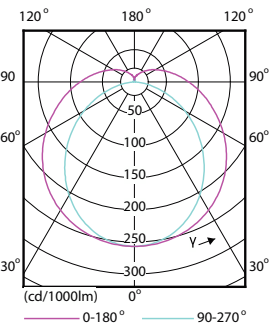
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Approval and Application	
Energy-saving product	Yes
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	14 kWh
Product Data	
Order product name	MAS LEDtube 1200mm HO 14W865 T8
Full product name	MASTER LEDtube 1200mm HO 14W865 T8

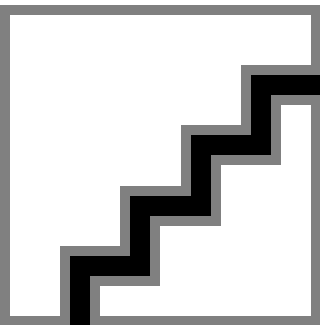
## Dimensional drawing



## Photometric data



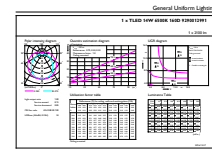
Light Distribution Diagram - MAS LEDtube 1200mm HO 14W865 T8



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

Full EOC	871869668722200
Order code	68722200
Material no. (12 NC)	929001299102
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696687222
Numerator – packs per outer box	10
EAN/UPC – Case	8718696687239

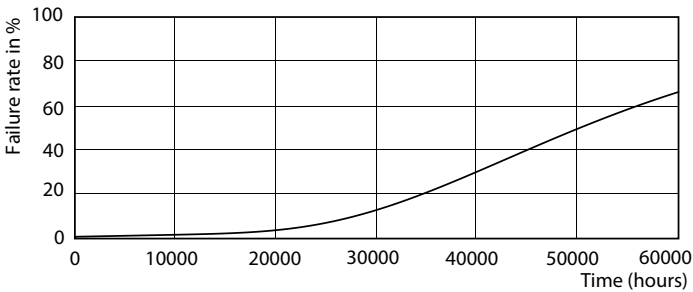
Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 14W865 T8	25.78 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm



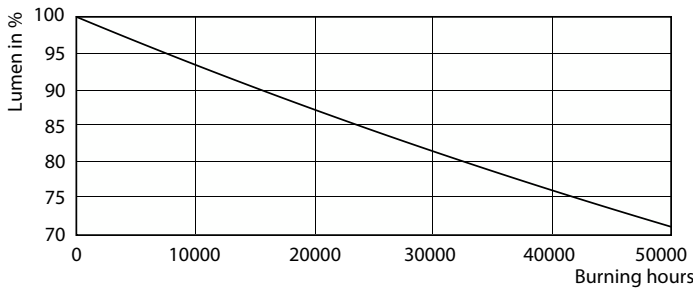
General uniform lighting - MAS LEDtube 1200mm HO 14W865 T8

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Lifetime



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



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

