



# 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. These T8 LED tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings thanks to low energy consumption and an exceptionally long lifetime ensure this tube masters every demanding application.

### Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.

### Product data

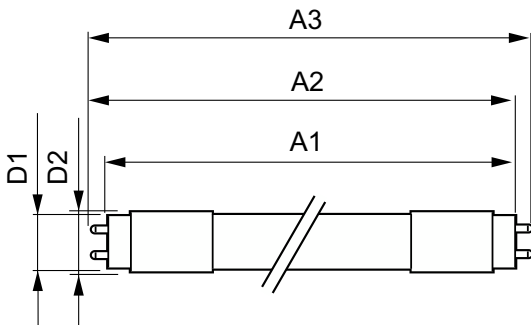
General Information		Color rendering index (CRI)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		80
Nominal lifetime	60,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	200,000	<b>Operating and Electrical</b>	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
<b>Light Technical</b>		Input Frequency	50 to 60 Hz
Color Code	865 [CCT of 6500K]	Power Consumption	14 W
Beam Angle (Nom)	190 degree(s)	Lamp Current (Nom)	70 mA
Luminous Flux	2,100 lumen	Starting Time (Nom)	0.5 s
Color Designation	Cool Daylight	Warm-up time to 60% light	0.5 s
Correlated Color Temperature (Nom)	6500 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	150.00 lm/W	Voltage (Nom)	220-240 V
Color Consistency	<6		

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Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
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

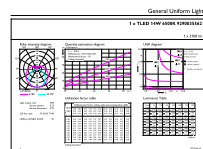
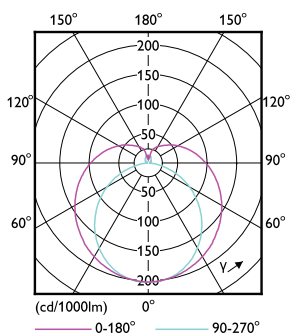
Approval Marks	RoHS compliance KEMA Keur certificate
EU RoHS compliant	Yes
Product Data	
Full product code	871951446854200
Order product name	MAS LEDtube 1200mm HO 14W865 T8 MY
Order code	929003556237
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material number (12NC)	929003556237
Full product name	MAS LEDtube 1200mm HO 14W865 T8 MY
EAN/UPC - Case	8719514468559

## 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

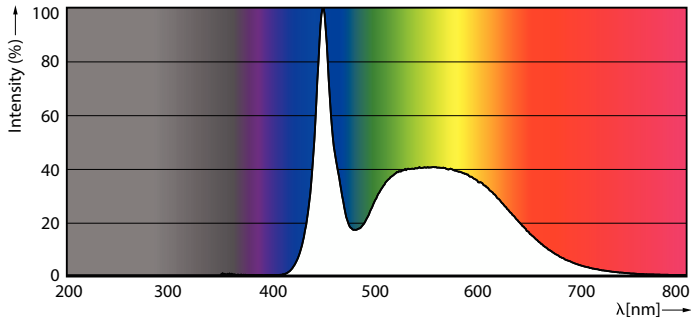


Light Distribution Diagram - MAS LEDtube 1200mm HO 14W865 T8 MY

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

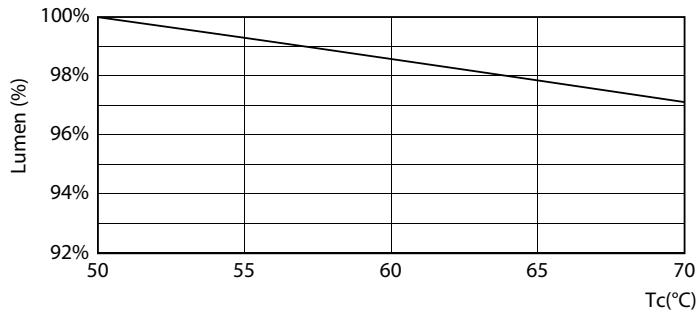
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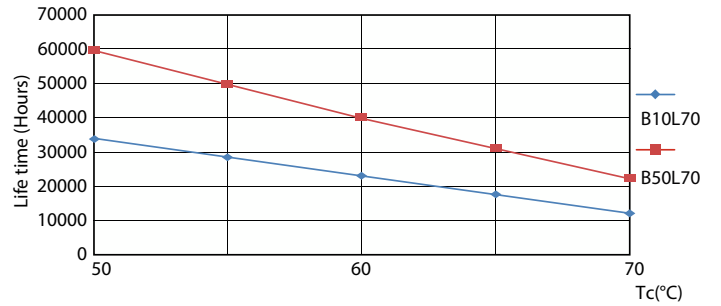


Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 14W865 T8 MY

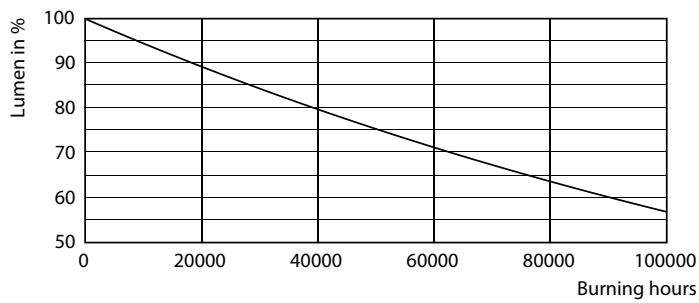
## Lifetime



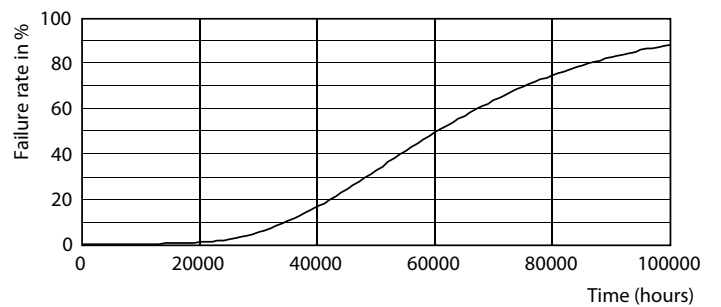
Lumen Maintenance Diagram - MAS LEDtube 1200mm HO 14W865 T8 MY



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



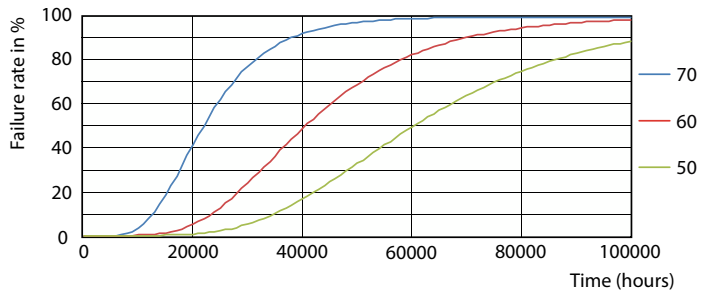
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## Lifetime



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

