

# MASTER LEDtube EM/ Mains

## MASTER LEDtube 1200mm UO 14.7W 865 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

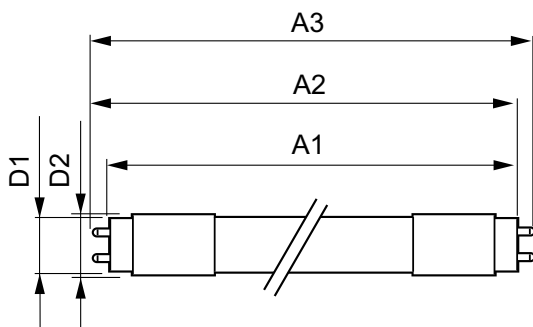
General information		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 ROT (Rotating) [ Medium Bi-Pin Fluorescent]		
EU RoHS compliant	Yes		
Nominal lifetime (nom.)	75000 h		
Switching cycle	200000		
	Sphere		
Tier	MASTER		
Light technical		Operating and electrical	
Colour Code	865 [ CCT of 6,500 K]	Input frequency	50 to 60 Hz
Technical Beam Angle (Nom)	160 °	Power (Rated) (Nom)	14.7 W
Lamp Luminous Flux 25°C EL (Nom)	2500 lm	Lamp current (max.)	74 mA
Colour Designation	Cool Daylight	Lamp current (min.)	61 mA
Colour Temperature, horizontal (Nom)	6500 K	Starting time (nom.)	0.5 s
Lamp Luminous Efficacy EM (Nom)	170 lm/W	Warm-up time to 60% light (nom.)	0.5 s
Colour consistency	<6	Power factor (nom.)	0.9
Colour Rendering Index,horiz (Nom)	80	Voltage (Nom)	220-240 V
		Temperature	
		T-ambient (max.)	45 °C
		T-ambient (min.)	-20 °C
		T storage (max.)	65 °C
		T storage (min.)	-40 °C

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T-Case maximum (nom.)	55 °C
<b>Controls and dimming</b>	
Dimmable	No
<b>Mechanical and housing</b>	
Lamp Finish	Frosted
Bulb material	Plastic
Product length	1200 mm
Bulb shape	Tube, double-ended
<b>Approval and application</b>	
Energy Efficiency Class	C
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Approval marks	TUV
Energy consumption kWh/1,000 hours	15 kWh
	1206975
<b>Product data</b>	
Full product code	871951431660700
Order product name	MASTER LEDtube 1200mm UO 14.7W 865 T8
EAN/UPC – product	8719514316607
Order code	929002998402
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002998402
Net Weight (Piece)	0.230 kg

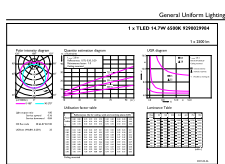
## Dimensional drawing



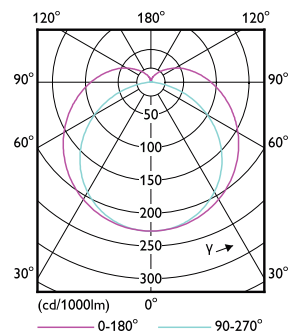
MASTER LEDtube 1200mm UO 14.7W 865 T8

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm UO 14.7W 865 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

## Photometric data



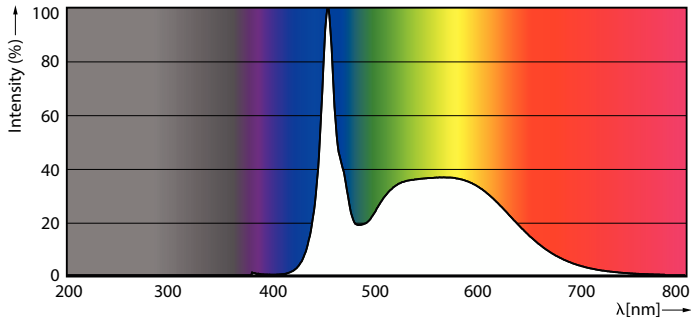
General uniform lighting



Light Distribution Diagram

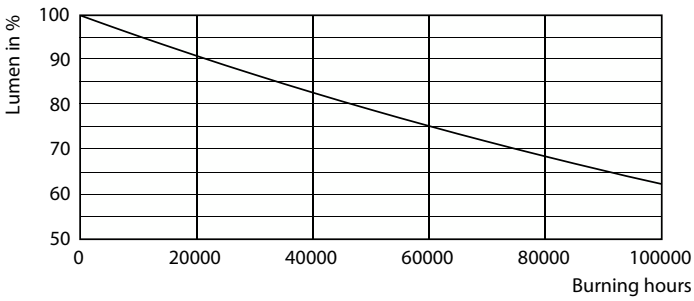
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## Photometric data

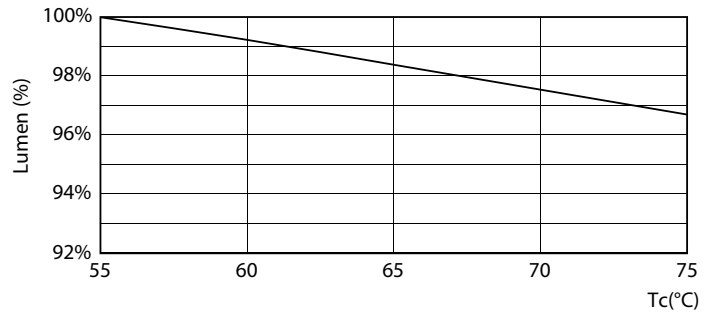


Spectral Power Distribution Colour

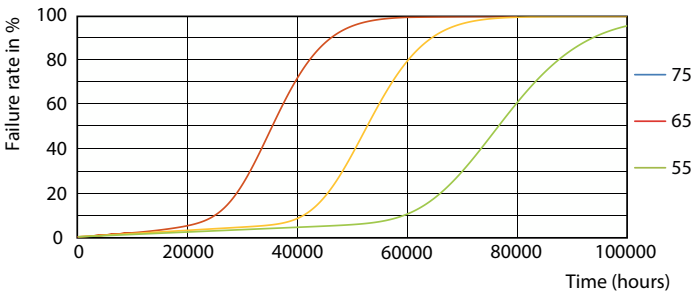
## Lifetime



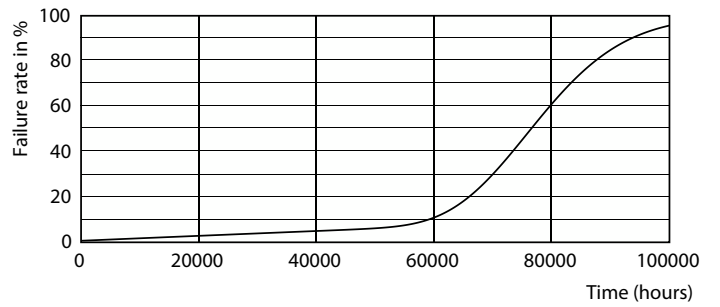
Lumen Maintenance Diagram



LumenVsTc



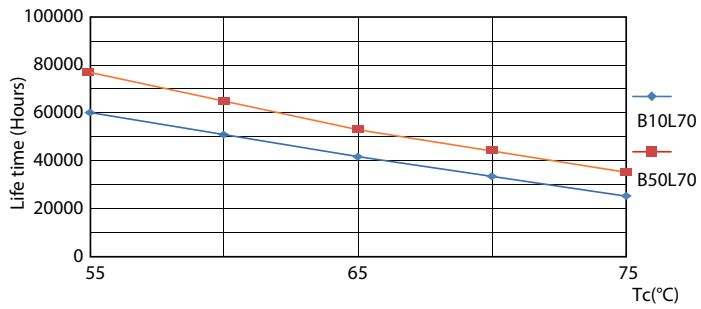
FailureRate



Life Expectancy Diagram

# MASTER LEDtube EM/Mains

## Lifetime



LifetimeVsTc

