



# MASTER LEDtube EM/ Mains T8

## MASTER LEDtube 1200mm UO 14.7W 830 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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

### Warnings and Safety

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

### Product data

General Information		Color Rendering Index (Nom)		80	
Cap-Base	G13 ROT (Rotating) [ Medium Bi-Pin Fluorescent]	LLMF At End Of Nominal Lifetime (Nom)		70 %	
EU RoHS compliant	Yes	Operating and Electrical			
Nominal Lifetime (Nom)	70000 h	Input Frequency	50 to 60 Hz		
Switching Cycle	200000X	Power (Nom)	14.7 W		
Flux measurement reference	Sphere	Lamp Current (Max)	74 mA		
		Lamp Current (Min)	61 mA		
		Starting Time (Nom)	0.5 s		
		Warm Up Time to 60% Light (Nom)	0.5 s		
Light Technical		Power Factor (Nom)	0.9		
Color Code	830 [ CCT of 3000K]	Voltage (Nom)	220-240 V		
Beam Angle (Nom)	160 °	Temperature			
Luminous Flux (Nom)	2300 lm	T-Ambient (Max)	45 °C		
Color Designation	White (WH)	T-Ambient (Min)	-20 °C		
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	156.00 lm/W				
Color Consistency	<6				

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T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	55 °C

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1200 mm
Bulb Shape	Tube, double-ended

## Approval and Application

Energy Efficiency Class	D
Energy Saving Product	Yes

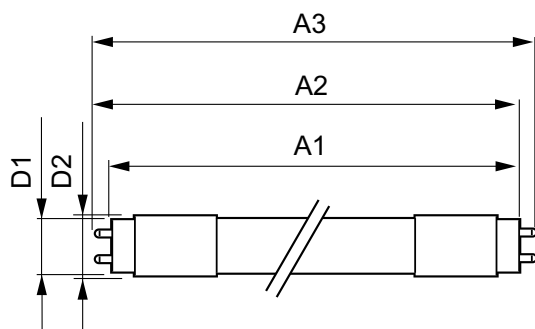
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
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Energy Consumption kWh/1000 h	15 kWh
EPREL Registration Number	403670

## Product Data

Full product code	871951431656000
Order product name	MASTER LEDtube 1200mm UO 14.7W 830 T8
EAN/UPC - Product	8719514316560
Order code	929002998202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002998202
Net Weight (Piece)	0.270 kg

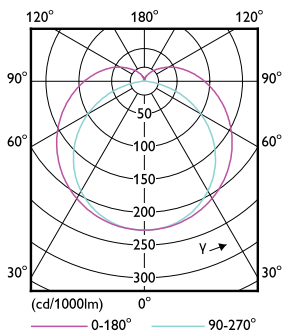
## Dimensional drawing



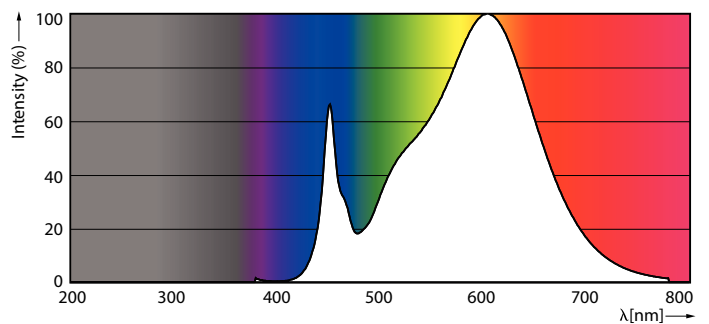
TLED T8 220-240V 14.7-36W 2300lm 3000K

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm UO 14.7W 830 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

## Photometric data



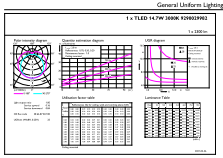
LEDtube MAS 14,7W G13 2300lm



LEDtube MAS 14,7W G13 2300lm 830

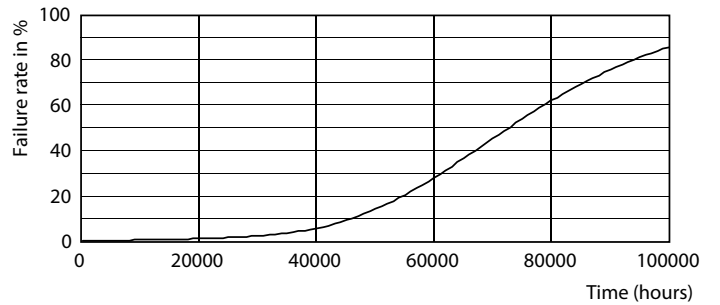
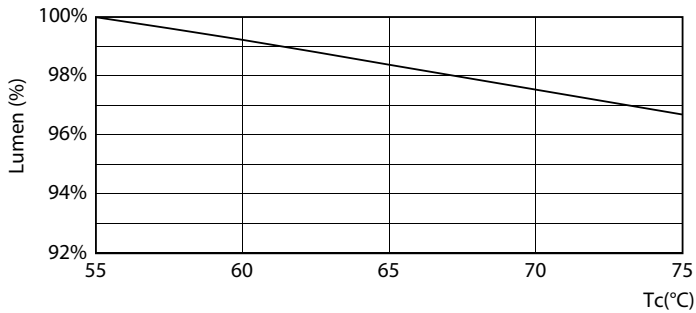
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## Photometric data

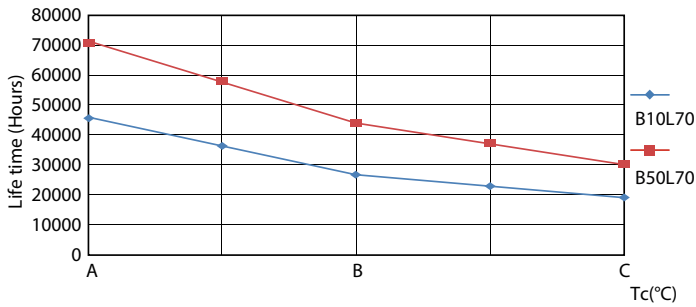


LEDtube MAS 14,7W G13 2300lm 830

## Lifetime

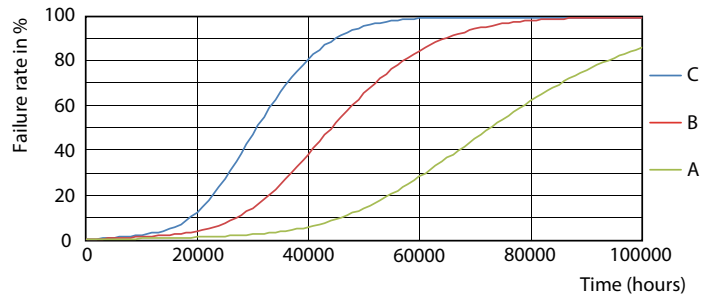


LEDtube MAS 14,7W 70K LumenVsTc



LEDtube\_70K\_LifetimeVsTc-LED

LEDtube\_70K-LED



LEDtube\_70K\_FailureRate-LED

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## Lifetime



LEDtube\_70K-LMP

