



# 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		Operating and Electrical	
Cap base	G13 ROT (Rotating) [ Medium Bi-Pin Fluorescent]	Input frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power (Rated) (Nom)	14.7 W
Nominal lifetime (nom.)	70000 h	Lamp current (max.)	74 mA
Switching cycle	200,000X	Lamp current (min.)	61 mA
Light Technical		Starting time (nom.)	0.5 s
Colour Code	865 [ CCT of 6,500 K]	Warm-up time to 60% light (nom.)	0.5 s
Beam Angle (Nom)	160 °	Power factor (nom.)	0.9
Luminous flux (nom.)	2500 lm	Voltage (Nom)	220-240 V
Colour designation	Cool Daylight	Temperature	
Correlated Colour Temperature (Nom)	6500 K	T-ambient (max.)	45 °C
Luminous efficacy (rated) (nom.)	170.00 lm/W	T-ambient (min.)	-20 °C
Colour consistency	<6	T storage (max.)	65 °C
Colour rendering index (nom.)	80	T storage (min.)	-40 °C
LLMF at end of nominal lifetime (nom.)	70 %	T-Case maximum (nom.)	55 °C

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Plastic
Product length	1200 mm

## Approval and Application

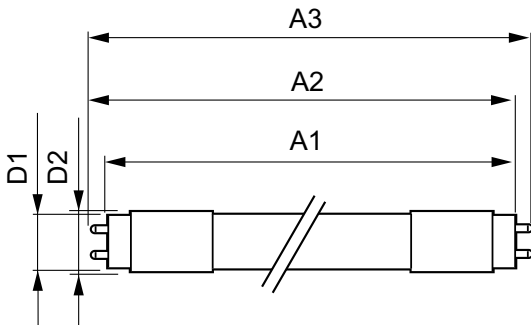
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	15 kWh
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## Product Data

Full product code	871951431660700
Order product name	MASTER LEDtube 1200mm UO 14.7W 865 T8
EAN/UPC – product	8719514316607
Order code	31660700
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002998402
SAP net weight (piece)	0.270 kg

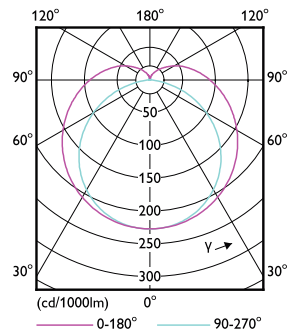
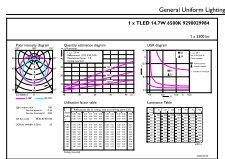
## Dimensional drawing



TLED T8 220-240V 14.7-36W 2500lm 6500K

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

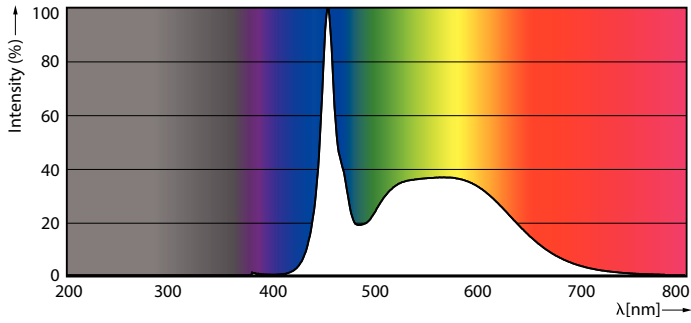


LEDtube MAS 14,7W G13 2500lm 865

LEDtube MAS 14,7W G13 2300lm

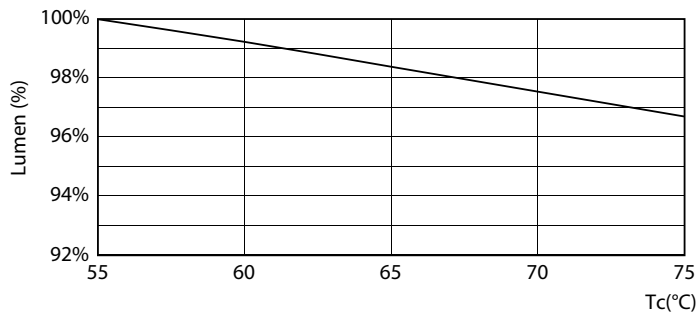
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## Photometric data

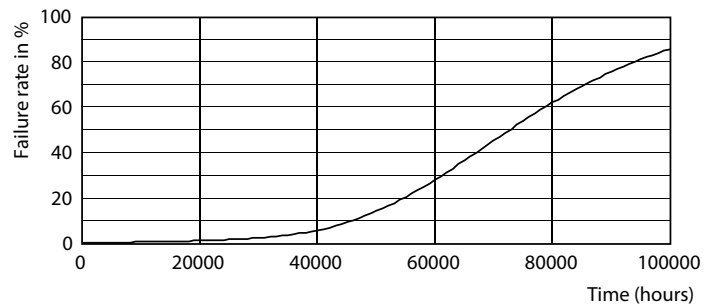


LEDtube MAS 14,7W G13 2500lm 865

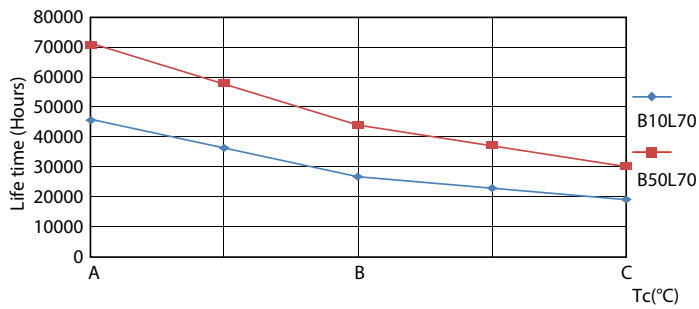
## Lifetime



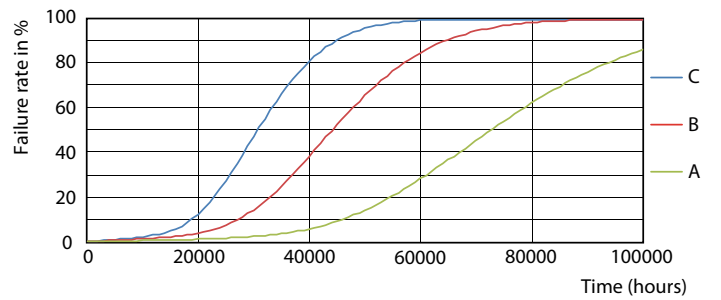
LEDtube MAS 14,7W 70K LumenVsTc



LEDtube\_70K-LED



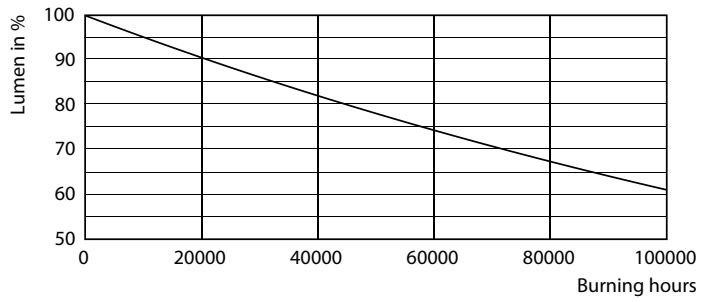
LEDtube\_70K\_LifetimeVsTc-LED



LEDtube\_70K\_FailureRate-LED

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## Lifetime



LEDtube\_70K-LMP

