



MASTER LEDtube EM/ Mains

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. 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	830 [CCT of 3,000 K]	Warm-up time to 60% light (nom.)	0.5 s
Beam Angle (Nom)	160 °	Power factor (nom.)	0.9
Luminous flux (nom.)	2300 lm	Voltage (Nom)	220-240 V
Colour designation	White (WH)	Temperature	
Correlated Colour Temperature (Nom)	3000 K	T-ambient (max.)	45 °C
Luminous efficacy (rated) (nom.)	156.00 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

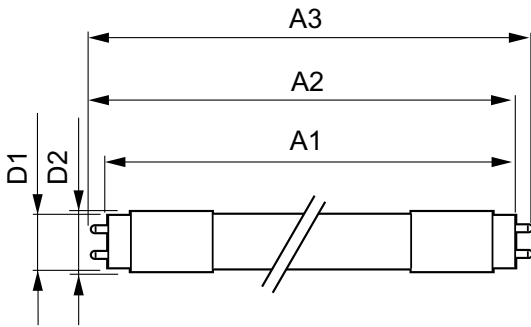
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours 15 kWh

Product Data

Full product code	871951431656000
Order product name	MASTER LEDtube 1200mm UO 14.7W 830 T8
EAN/UPC – product	8719514316560
Order code	31656000
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002998202
SAP net weight (piece)	0.270 kg

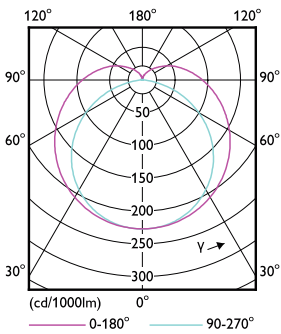
Dimensional drawing



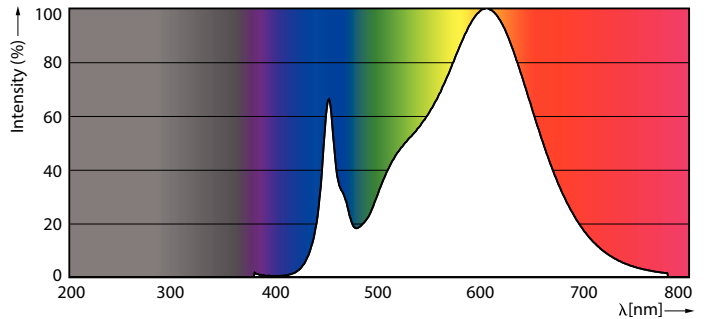
TLED T8 220-240V 14.7-36W 2300lm 3000K

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



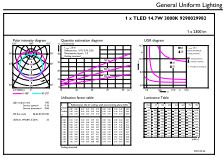
LEDtube MAS 14,7W G13 2300lm



LEDtube MAS 14,7W G13 2300lm 830

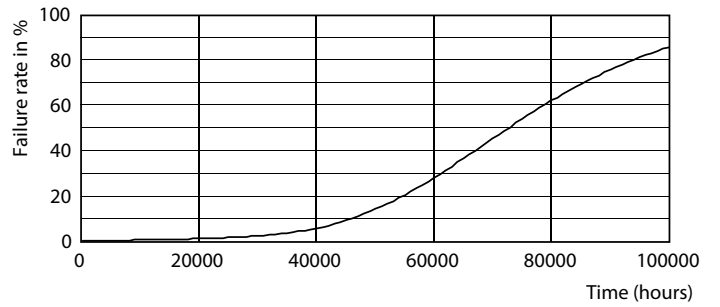
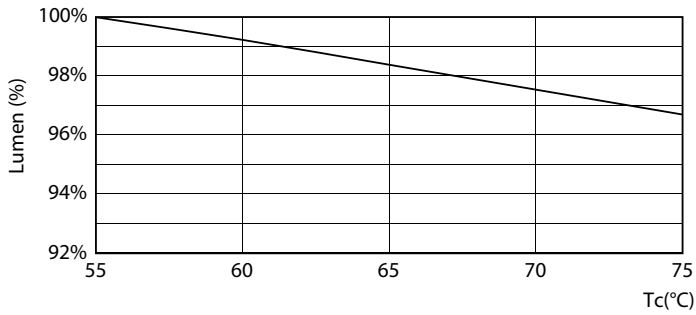
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Photometric data

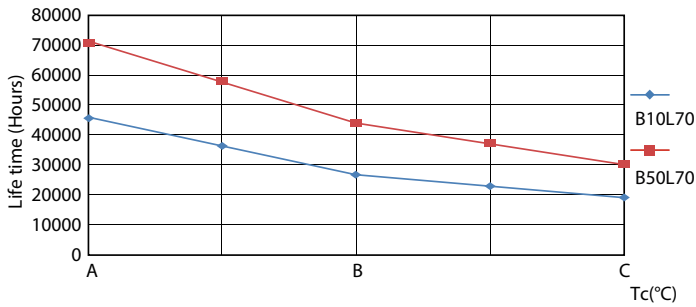


LEDtube MAS 14,7W G13 2300lm 830

Lifetime

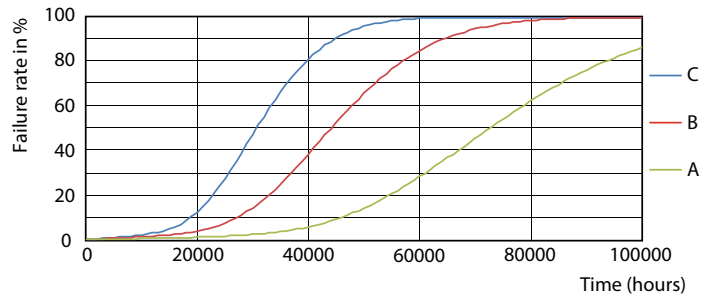


LEDtube MAS 14,7W 70K LumenVsTc



LEDtube_70K_LifetimeVsTc-LED

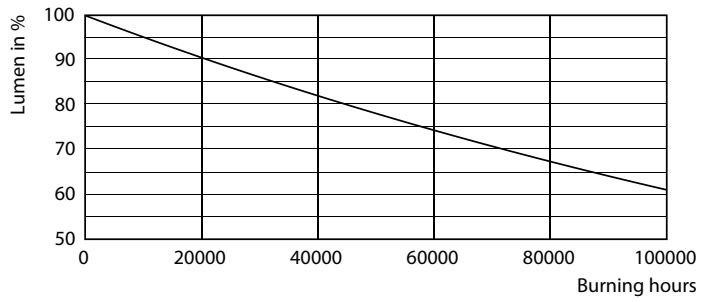
LEDtube_70K-LED



LEDtube_70K_FailureRate-LED

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Lifetime



LEDtube_70K-LMP

