



MASTER LEDtube EM/ Mains

MASTER LEDtube 1200mm UO 16W 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 [Medium Bi-Pin Fluorescent]	Input frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power (Rated) (Nom)	16 W
Nominal lifetime (nom.)	50000 h	Lamp current (max.)	75 mA
Switching cycle	200,000X	Lamp current (min.)	68 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
Technical Beam Angle (Nom)	160 °	Power factor (nom.)	0.9
Lamp Luminous Flux 25°C EL (Nom)	2300 lm	Voltage (Nom)	220-240 V
Colour Designation	White (WH)	Temperature	
Colour Temperature, horizontal (Nom)	3000 K	T-ambient (max.)	35 °C
Lamp Luminous Efficacy EM (Nom)	143.00 lm/W	T-ambient (min.)	-20 °C
Colour consistency	<6	T storage (max.)	65 °C
Colour Rendering Index,horiz (Nom)	83	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

Product length	1200 mm
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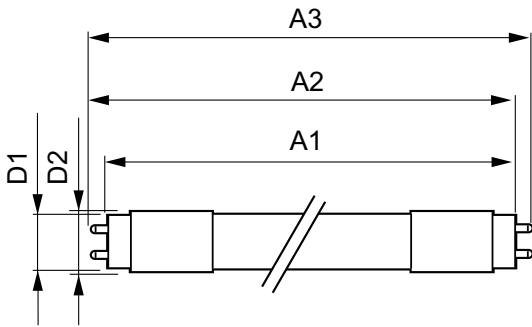
Approval and Application

Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	16 kWh

Product Data

Full product code	871869668736900
Order product name	MASTER LEDtube 1200mm UO 16W 830 T8
EAN/UPC – product	8718696687369
Order code	929001297802
Numerator – quantity per pack	1
SAP numerator – packs per outer box	10
Material no. (12 NC)	929001297802
SAP net weight (piece)	0.251 kg

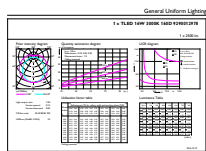
Dimensional drawing



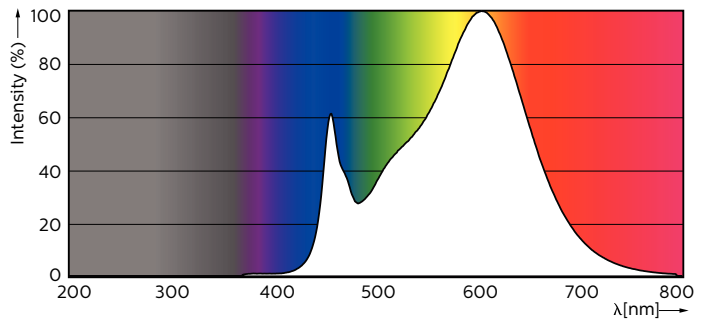
TLED 4ft 16W-36W 2300lm 160D 3000K G13ND

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm UO 16W 830 T8	25.78 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

Photometric data



LEDtube 1200mm UO 16W 830 T8



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Photometric data



LEDtube 600mm 1200mm 1500mm UO T8

Lifetime



LEDtube 600mm 1200mm 1500mm UO T8



LEDtube 600mm 1200mm 1500mm UO T8

