



# MASTER LEDtube EM/ Mains

## MASTER LEDtube 1200mm UO 16W 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 [ 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
<b>Light Technical</b>		Starting time (nom.)	0.5 s
Colour Code	865 [ CCT of 6,500 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)	2500 lm	Voltage (Nom)	220-240 V
Colour Designation	Cool Daylight	<b>Temperature</b>	
Colour Temperature, horizontal (Nom)	6500 K	T-ambient (max.)	35 °C
Lamp Luminous Efficacy EM (Nom)	156.00 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

## Mechanical and Housing

Product length 1200 mm

## 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 871869668740600

Order product name MASTER LEDtube 1200mm UO 16W 865 T8

EAN/UPC – product 8718696687406

Order code 929001298002

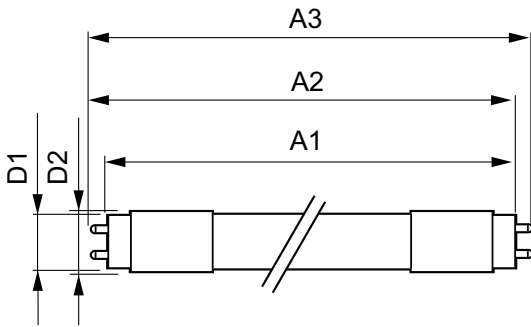
SAP numerator – quantity per pack 1

SAP numerator – packs per outer box 10

SAP material 929001298002

Net Weight (Piece) 0.251 kg

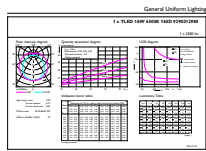
## Dimensional drawing



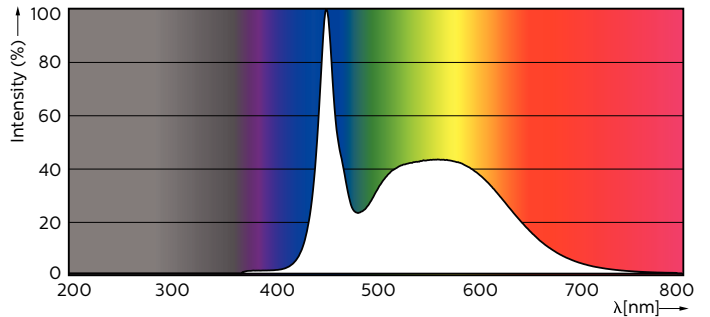
TLED 4ft 16W-36W 2500lm 160D 6500K G13ND

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm UO 16W 865 T8	25.78 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

## Photometric data



LEDtube 1200mm UO 16W 865 T8



LEDtube 1200mm UO 16W 865 T8

# MASTER LEDtube EM/Mains

## Photometric data



LEDtube 600mm 1200mm 1500mm UO T8

## Lifetime



LEDtube 600mm 1200mm 1500mm UO T8



LEDtube 600mm 1200mm 1500mm UO T8

