



# MASTER LEDtube EM/ Mains T8

## MASTER LEDtube STD 1200mm 10.5W840 T8 I

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

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

### Product data

General Information	
Cap base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	50000 h
Switching cycle	200,000X

Light Technical	
Colour Code	840 [ CCT of 4,000 K]
Technical Beam Angle (Nom)	160 °
Lamp Luminous Flux 25°C EL (Nom)	1600 lm
Colour Designation	Cool White (CW)
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	152.00 lm/W
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	83
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Technical Lamp Power (Nom)	10.5 W
Lamp current (max.)	55 mA
Lamp current (min.)	45 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (nom.)	220-240 V

Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	35 °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
Bulb shape	Tube, double-ended

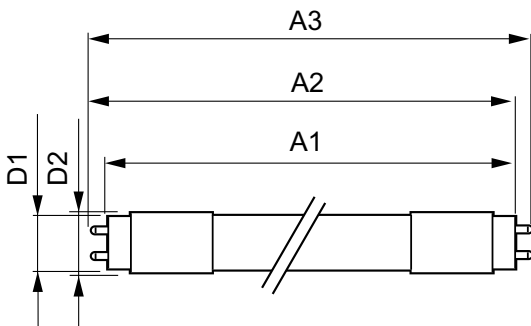
## Approval and Application

Energy-saving product	Yes
Approval marks	RoHS compliance
Energy consumption kWh/1,000 hours	11 kWh

## Product Data

Full product code	871869668768000
Order product name	MASTER LEDtube STD 1200mm 10.5W840 T8 I
EAN/UPC – product	8718696687680
Order code	929001297608
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001297608
SAP net weight (piece)	0.215 kg

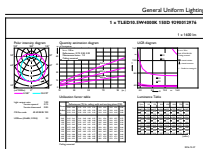
## Dimensional drawing



MASTER LEDtube STD 1200mm 10.5W840 T8 I

Product	D1	D2	A1	A2	A3
MASTER LEDtube STD 1200mm 10.5W840 T8 I	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

## Photometric data



LEDtube MAS STD 10.5W GU13 840 ND

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