



MASTER LEDtube EM/ Mains

MASTER LEDtube STD 1200mm 10.5W865 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.

Product data

General Information	
Cap base	G13 [Medium Bi-Pin Fluorescent]
RoHS mark	RoHS mark
Nominal lifetime (nom.)	50000 h
Switching cycle	200000X
B50L70	50000 h
Light Technical	
Colour Code	865 [CCT of 6,500 K]
Lamp Luminous Flux 25°C EL (Nom)	1600 lm
Lamp Luminous Flux (Nom)	1600 lm
Colour Temperature, horizontal (Nom)	6500 K
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
Power (Rated) (Nom)	10.5 W
Lamp current (max.)	50 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.)	50 °C
Controls and Dimming	
Dimmable	No
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/1000 h	11 kWh

Product Data

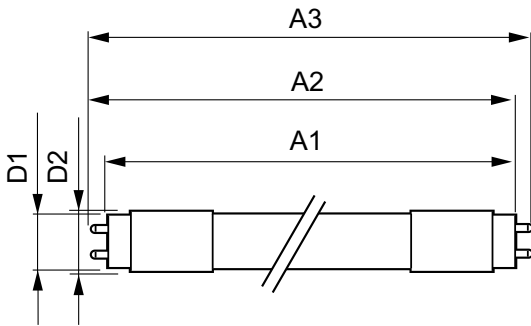
Full product code	871869668770300
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Order product name	MASTER LEDtube STD 1200mm 10.5W865 T8 I
EAN/UPC – product	8718696687703
Order code	68770300
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001297708
Net weight (piece)	0.251 kg

Warnings and Safety

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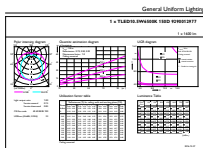
Dimensional drawing



TLED 220-240V 10.5W-36W 6500K G13 ND

Product	D1	D2	A1	A2	A3
MASTER LEDtube STD 1200mm 10.5W865 T8 I	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

Photometric data



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LEDtube MAS STD 10.5W GU13 865 ND

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