



MASTER LEDtube EM/ Mains

MAS LEDtube 600mm HO 8W865 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.

Product data

General Information	
Cap base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime (nom.)	50000 h
Switching cycle	200000X
B50L70	50000 h

Light Technical	
Colour code	865 [CCT of 6,500 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	1050 lm
Luminous flux (rated) (nom.)	1050 lm
Rated beam angle	160 °
Correlated colour temperature (nom.)	6500 K
Colour consistency	<6
Color rendering index (nom.)	83
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	8 W

Lamp current (max.)	42 mA
Lamp current (min.)	36 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.)	35 °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	600 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	8 kWh

Product Data

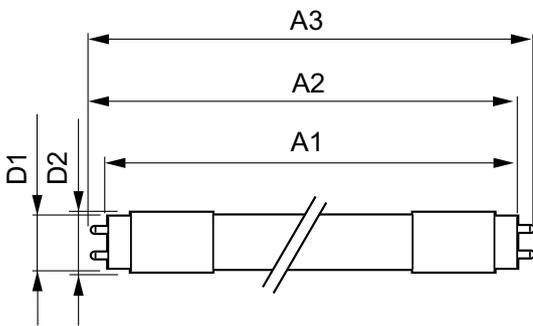
Full product code	871869669751100
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Order product name	MAS LEDtube 600mm HO 8W865 T8
EAN/UPC – product	8718696697511
Order code	69751100
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001307202
Net weight (piece)	0.150 kg

Warnings and Safety

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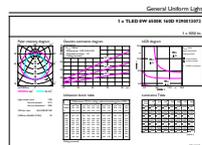
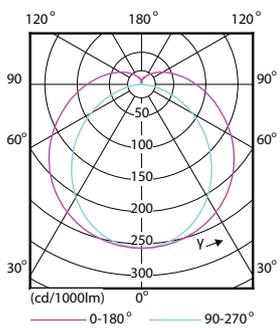
Dimensional drawing



TLED 220-240V 8W-18W 1050lm 6500K G13

Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm HO 8W865 T8	25.78 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

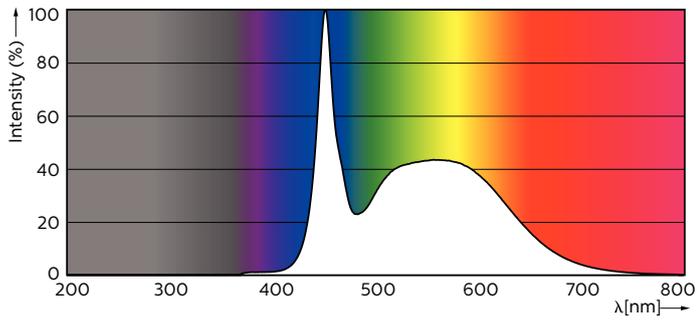
Photometric data



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Photometric data



Lifetime

