



MASTER LEDtube EM/ Mains

MAS LEDtube 900mm HO 12W 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.

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 h

Light Technical	
Colour code	865 [CCT of 6,500 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	1575 lm
Luminous flux (rated) (nom.)	1575 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)	12 W
Lamp current (max.)	57 mA
Lamp current (min.)	51 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

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Mechanical and Housing

Product length 900 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/1000 h 12 kWh

Product Data

Full product code 871869668710900

Order product name MAS LEDtube 900mm HO 12W 865 T8

EAN/UPC – product 8718696687109

Order code 68710900

Numerator – quantity per pack 1

Numerator – packs per outer box 10

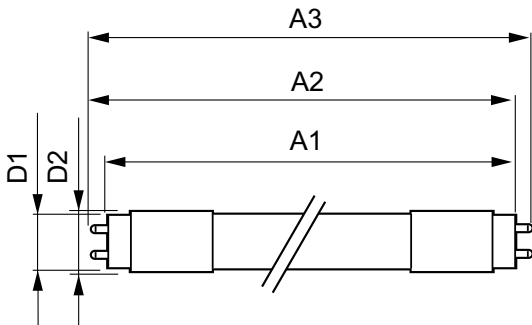
Material no. (12NC) 929001298502

Net weight (piece) 0.174 kg

Warnings and Safety

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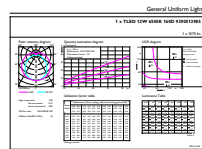
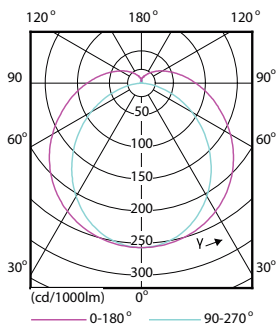
Dimensional drawing



TLED 3ft 12W-30W 1575lm 160D 6500K G13ND

Product	D1	D2	A1	A2	A3
MAS LEDtube 900mm HO 12W 865 T8	25.78 mm	28 mm	893.3 mm	900.4 mm	907.5 mm

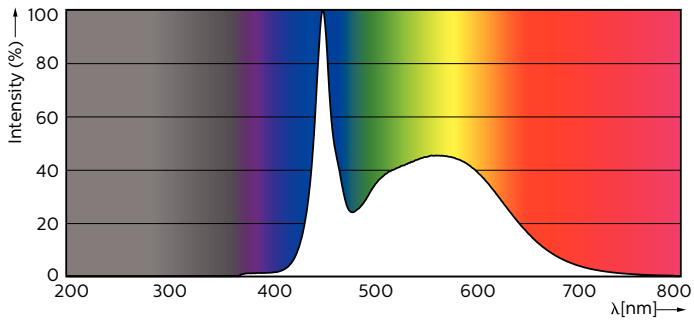
Photometric data



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Photometric data



Lifetime

