



MASTER LEDtube EM/Mains

MAS LEDtube 900mm HO 12W865 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 6500K]
Luminous flux (nom.)	1575 lm
Luminous flux (rated) (nom.)	1575 lm
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

Mechanical and Housing	
Product length	900 mm

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Approval and Application

Energy-saving product	Yes
Energy efficiency label (EEL)	A++
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	12 kWh

Product Data

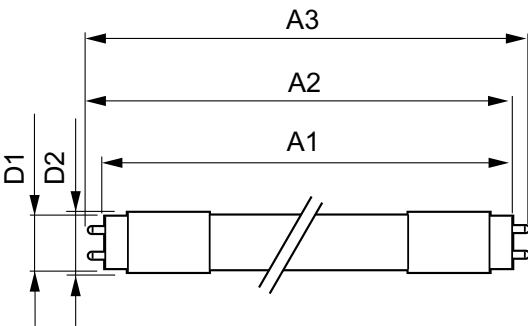
Full product code	871869668710900
Order product name	MAS LEDtube 900mm HO 12W865 T8

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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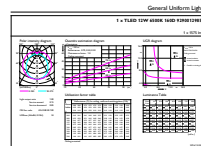
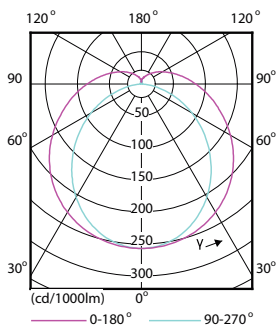
Dimensional drawing



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

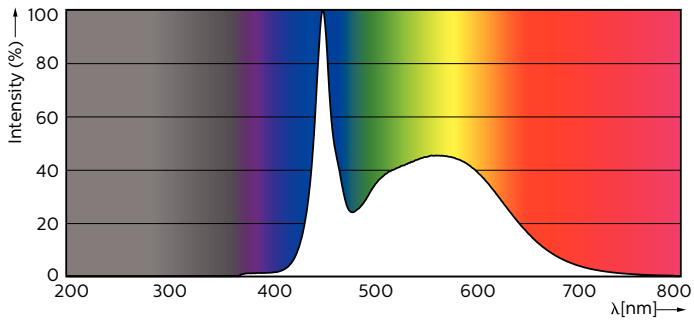
Product	D1	D2	A1	A2	A3
MAS LEDtube 900mm HO 12W865 T8	25.78 mm	28 mm	893.3 mm	900.4 mm	907.5 mm

Photometric data



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Photometric data



Lifetime

