



MASTER LEDtube EM/ Mains

MASTER 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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000X
Light Technical	
Colour Code	865 [CCT of 6500K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	1575 lm
Colour Temperature, horizontal (Nom)	6500 K
Color 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)	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	
Bulb Material	Plastic
Product Length	900 mm

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Approval and Application

Energy Efficiency Label	A++
Energy Saving Product	Yes
Approval Marks	TUV CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	12 kWh

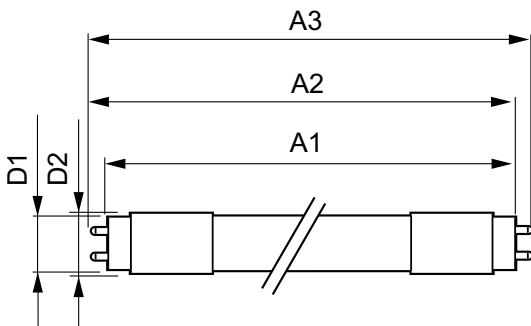
Product Data

Full product code	871869668710900
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Order product name	MASTER 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 Nr. (12NC)	929001298502
Net Weight (Piece)	0.174 kg

Warnings and Safety

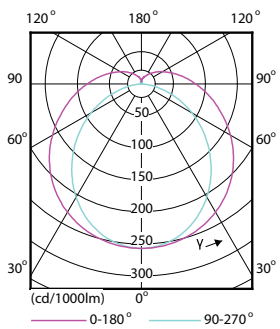
Dimensional drawing



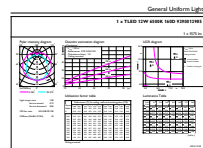
TLED 3ft 12W-30W 1575lm 160D 6500K G13ND

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

Photometric data



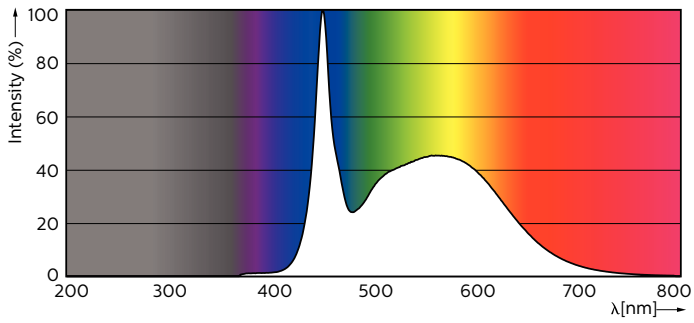
LEDtube 600mm 1200mm 1500mm UO T8



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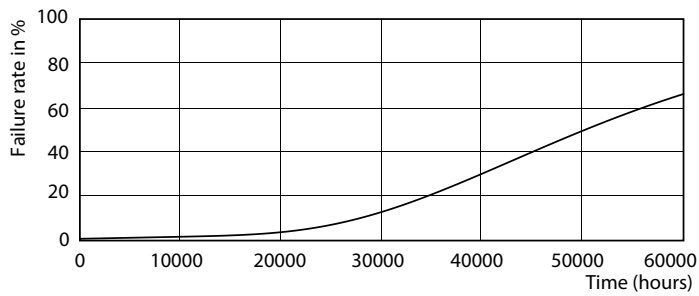
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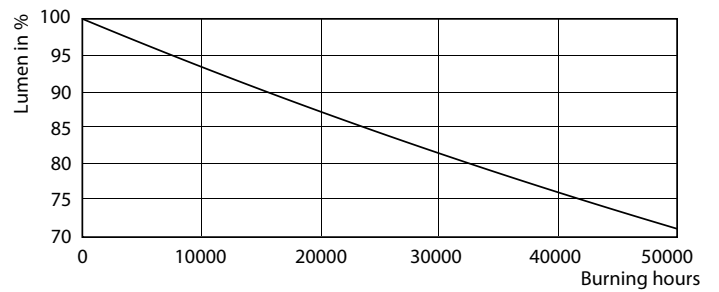


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Lifetime



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