



MASTER LEDtube EM/ Mains

MASTER LEDtube 900mm HO 12W 840 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.

Warnings and Safety

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Product data

General Information	
Cap base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	50000 h
Switching cycle	200,000X
Light Technical	
Colour Code	840 [CCT of 4,000 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	1575 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	131.00 lm/W
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

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb material	Plastic
Product length	900 mm

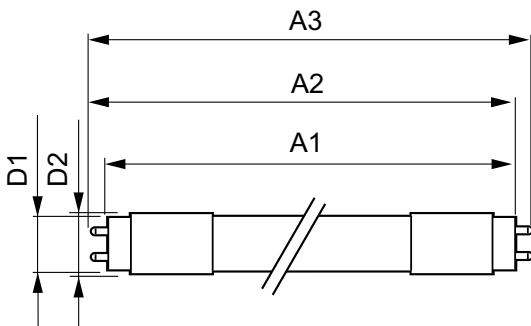
Approval and Application

Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	12 kWh

Product Data

Full product code	871869668708600
Order product name	MASTER LEDtube 900mm HO 12W 840 T8
EAN/UPC – product	8718696687086
Order code	68708600
SAP numerator – quantity per pack	1
SAP numerator – packs per outer box	10
Material no. (12 NC)	929001298402
SAP net weight (piece)	0.174 kg

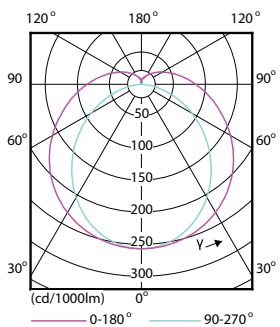
Dimensional drawing



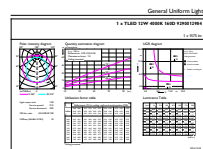
TLED 3ft 12W-30W 1575lm 160D 4000K G13ND

Product	D1	D2	A1	A2	A3
MASTER LEDtube 900mm HO 12W 840 T8	25.78 mm	28 mm	893.3 mm	900.4 mm	907.5 mm

Photometric data



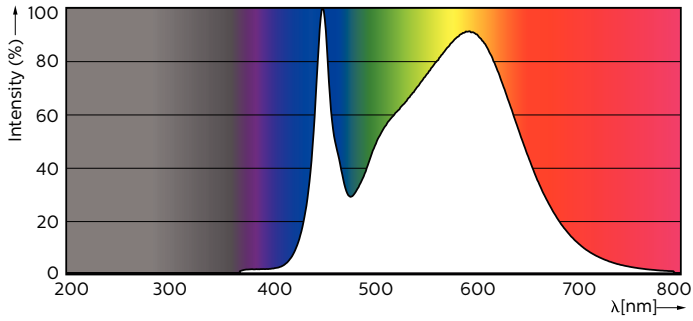
LEDtube 600mm 1200mm 1500mm UO T8



LEDtube 900mm HO 12W840 T8

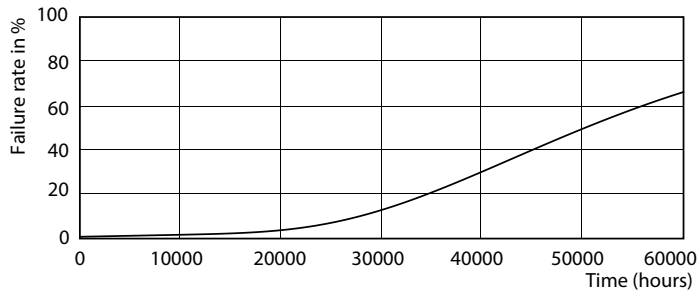
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Photometric data

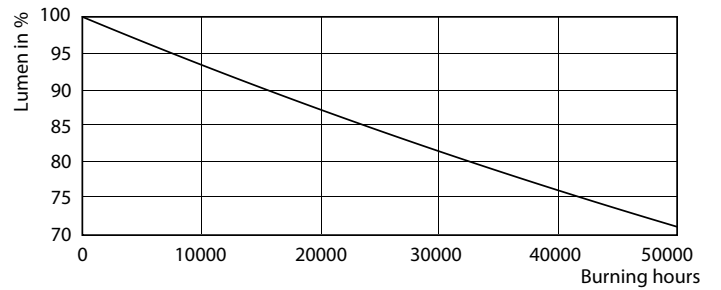


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Lifetime



LEDtube 600mm 1200mm 1500mm UO T8



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