



MASTER LEDtube EM/ Mains T8

MASTER LEDtube 1200mm UO 16W 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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

Product data

General Information		LLMF At End Of Nominal Lifetime (Nom) 70 %	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		
EU RoHS compliant	Yes		
Nominal Lifetime (Nom)	50000 h		
Switching Cycle	200000X		
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	160 °	Power (Nom)	16 W
Luminous Flux (Nom)	2500 lm	Lamp Current (Max)	75 mA
Color Designation	Cool White (CW)	Lamp Current (Min)	68 mA
Correlated Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.5 s
Luminous Efficacy (rated) (Nom)	156.00 lm/W	Warm Up Time to 60% Light (Nom)	0.5 s
Color Consistency	<6	Power Factor (Nom)	0.9
Color Rendering Index (Nom)	83	Voltage (Nom)	220-240 V
		Temperature	
		T-Ambient (Max)	35 °C
		T-Ambient (Min)	-20 °C
		T-Storage (Max)	65 °C

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T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	55 °C

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Product Length	1200 mm
Bulb Shape	Tube, double-ended

Approval and Application

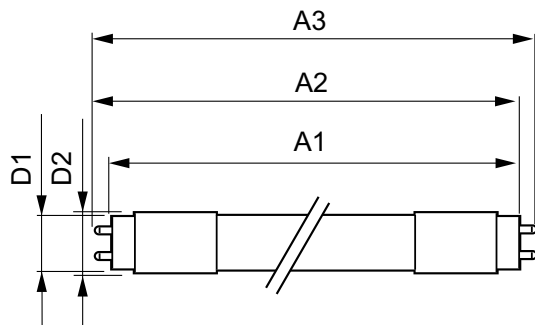
Energy Efficiency Label (EEL)	A++
Energy Saving Product	Yes
Approval Marks	TUV CE marking RoHS compliance KEMA Keur certificate

Energy Consumption kWh/1000 h	16 kWh
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Product Data

Full product code	871869668738300
Order product name	MASTER LEDtube 1200mm UO 16W 840 T8
EAN/UPC - Product	8718696687383
Order code	929001297902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001297902
Net Weight (Piece)	0.251 kg

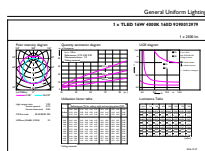
Dimensional drawing



TLED 4ft 16W-36W 2500lm 160D 4000K G13ND

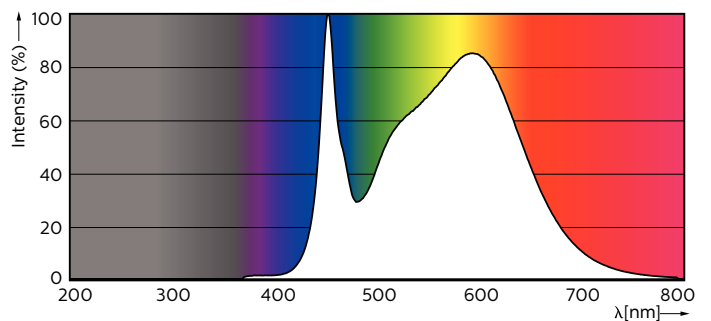
Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm UO 16W 840 T8	25.78 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

Photometric data



General Uniform Lighting
1 = 1600 mm x 1600 mm x 1600 mm
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Photometric data



LEDtube 600mm 1200mm 1500mm UO T8

Lifetime



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