

MASTER LEDtube EM/ Mains T8

MASTER LEDtube 1200mm UO 16W 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.

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				
Cap-Base	G13 [Medium Bi-Pin Fluorescent]			
EU RoHS compliant	Yes			
Nominal Lifetime (Nom)	50000 h			
Switching Cycle	200000X			
Light Technical				
Color Code	865 [CCT of 6500K]			
Beam Angle (Nom)	160 °			
Luminous Flux (Nom)	2500 lm			
Color Designation	Cool Daylight			
Correlated Color Temperature (Nom)	6500 K			
Luminous Efficacy (rated) (Nom)	156.00 lm/W			
Color Consistency	<6			
Color Rendering Index (Nom)	83			

LLMF At End Of Nominal Lifetime (Nom) 70 %				
LEMI At Elia of Nominal Elietime (Nor	11, 70 %			
Operating and Electrical				
Input Frequency	50 to 60 Hz			
Power (Nom)	16 W			
Lamp Current (Max)	75 mA			
Lamp Current (Min)	68 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)	35 ℃			
T-Ambient (Min)	-20 °C			
T-Storage (Max)	65 °C			

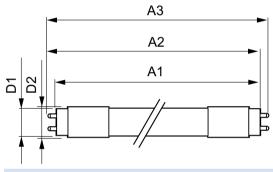
Datasheet, 2021, January 20 data subject to change

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T-Storage (Min)	-40 °C			
T-Case Maximum (Nom)	55 ℃			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	1200 mm			
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		
Product Data			
Full product code	871869668740600		
Order product name	MASTER LEDtube 1200mm UO 16W 865 T8		
EAN/UPC - Product	8718696687406		
Order code	929001298002		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	10		
Material Nr. (12NC)	929001298002		
Net Weight (Piece)	0.251 kg		

Dimensional drawing



TLED 4ft 16W-36W 2500lm 160D 6500K G13ND

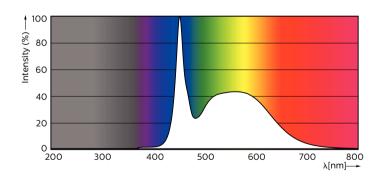
Product	D1	D2	A1	A2	А3
MASTER LEDtube	25.78 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
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Photometric data



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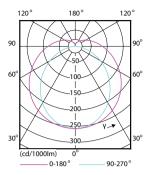
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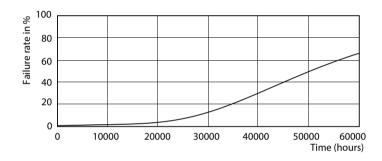
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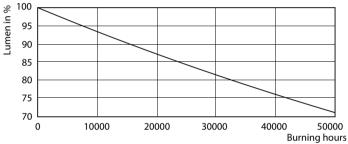
Photometric data



LEDtube 600mm 1200mm 1500mm UO T8

Lifetime





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