



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm HO 16W840 T8 RS

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 lamping in general lighting applications.

Warnings and Safety

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Product data

General Information					
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	50,000 hour(s)				
Switching Cycle	200,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	840 [CCT of 4000K]				
Luminous Flux	2,100 lm				
Color Designation	Cool White (CW)				
Correlated Color Temperature (Nom)	4000 K				
Color Consistency	<6				
Color rendering index (CRI)	80				
LLMF At End Of Nominal Lifetime (Nom) 70 %					
Operating and Electrical					
Line Frequency	50 to 60 Hz				

Input Frequency	50 to 60 Hz				
Power Consumption	16 W				
Lamp Current (Max)	77 mA				
Lamp Current (Min)	68 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range	-20 °C to 35 °C				
T-Case Maximum (Nom)	55 °C				
Controls and Dimming					
Dimmable	No				

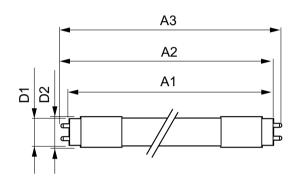
Datasheet, 2023, April 29 data subject to change

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Mechanical and Housing					
Product Length	1,200 mm				
Approval and Application					
Energy Saving Product	Yes				
Suitable For Accent Lighting	No				
Approval Marks	TUV CE marking RoHS compliance KEMA Keu				
	certificate				
Energy Consumption kWh/1000 h	16 kWh				
Product Data					
Order product name	MAS LEDtube 1200mm HO 16W840 T8 RS				

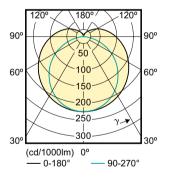
Full product name	MAS LEDtube 1200mm HO 16W840 T8 RS				
Full product code	871869642200700				
Order code	929001126202				
Material Nr. (12NC)	929001126202				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718696422007				
Numerator - Packs per outer box	10				
EAN/UPC - Case	8718696422014				

Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube 1200mm HO	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
16W840 T8 RS					

Photometric data





Light Distribution Diagram - MAS LEDtube 1200mm HO 16W840 T8 RS

Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 16W840 T8 $\ensuremath{\mathsf{RS}}$

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