



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm HO 16W840 T8 RN

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. These T8 LED tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings thanks to low energy consumption and an exceptionally long lifetime ensure this tube masters every demanding application.

Warnings and Safety

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

Product data

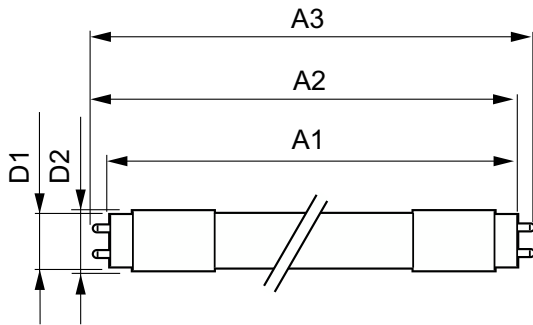
General Information		Color rendering index (CRI)		80
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	LLMF At End Of Nominal Lifetime (Nom)		70 %
Nominal lifetime	50,000 hour(s)	Operating and Electrical		
Switching Cycle	200,000	Line Frequency	50 to 60 Hz	
Lighting Technology	LED	Input Frequency	50 to 60 Hz	
EU RoHS compliant	Yes	Power Consumption	16 W	
Light Technical		Lamp Current (Max)	77 mA	
Color Code	840 [CCT of 4000K]	Lamp Current (Min)	68 mA	
Beam Angle (Nom)	160 degree(s)	Starting Time (Nom)	0.5 s	
Luminous Flux	2,100 lm	Warm-up time to 60% light	0.5 s	
Color Designation	Cool White (CW)	Power Factor (Fraction)	0.9	
Correlated Color Temperature (Nom)	4000 K	Voltage (Nom)	220-240 V	
Color Consistency	<6			

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Temperature	
Ambient temperature range	-20 °C to 35 °C
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
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 Keur certificate

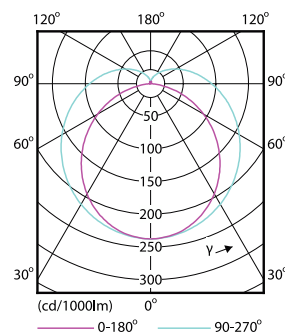
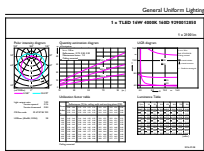
Energy Consumption kWh/1000 h	16 kWh
Product Data	
Order product name	MAS LEDtube 1200mm HO 16W840 T8 RN
Full product name	MAS LEDtube 1200mm HO 16W840 T8 RN
Full product code	871869667779700
Order code	929001285002
Material Nr. (12NC)	929001285002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696677797
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696677803

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 16W840 T8 RN	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Photometric data

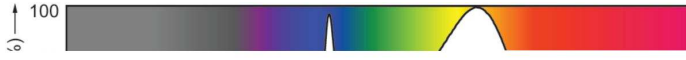


General uniform lighting - MAS LEDtube 1200mm HO 16W840 T8 RN

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

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Photometric data



Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 16W840 T8
RN

