



MASTER LEDtube EM/ Mains T8

MASTER 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. 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

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Product data

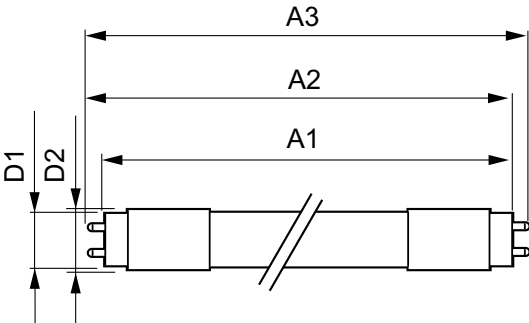
General Information		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	200,000	Power Consumption	16 W
Lighting Technology	LED	Lamp Current (Max)	77 mA
EU RoHS compliant	Yes	Lamp Current (Min)	68 mA
Light Technical		Starting Time (Nom)	0.5 s
Color Code	840 [CCT of 4000K]	Warm-up time to 60% light	0.5 s
Beam Angle (Nom)	160 degree(s)	Power Factor (Fraction)	0.9
Luminous Flux	2,100 lm	Voltage (Nom)	220-240 V
Color Designation	Cool White (CW)	Temperature	
Correlated Color Temperature (Nom)	4000 K	Ambient temperature range	-20 °C to 35 °C
Color Consistency	<6	T-Case Maximum (Nom)	55 °C
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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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

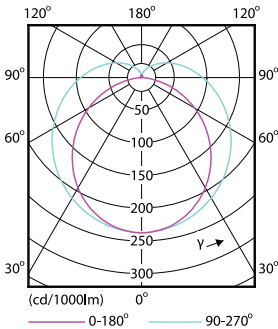
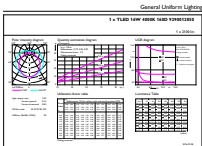
Product Data	
Order product name	MAS LEDtube 1200mm HO 16W840 T8 RN
Full product name	MASTER LEDtube 1200mm HO 16W840 T8 RN
Full product code	871869667779700
Order code	67779700
Material Nr. (12NC)	929001285002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696677797
Numerator - Packs per 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

