PHILIPS Lighting

MASTER LEDtube EM/ Mains T8

MASTER LEDtube 1200mm HO 16W830 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. 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					
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	830 [CCT of 3000K]				
Beam Angle (Nom)	160 degree(s)				
Luminous Flux	2,000 lm				
Color Designation	White (WH)				
Correlated Color Temperature (Nom)	3000 K				
Color Consistency	<6				
Color rendering index (CRI)	80				
LLMF At End Of Nominal Lifetime (Nom) 70 %					

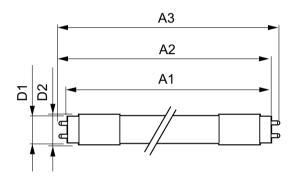
Operating and Electrical					
Line Frequency	50 to 60 Hz				
Input Frequency	50 to 60 Hz				
Power Consumption	16 W				
Lamp Current (Max)	77 mA				
Lamp Current (Min)	68 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range	-20 °C to 35 °C				
T-Case Maximum (Nom)	55 ℃				

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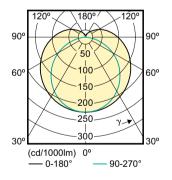
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product Length	1,200 mm				
Approval and Application					
Energy Saving Product	Yes				
Suitable For Accent Lighting	No				
Approval Marks	TUV CE marking RoHS compliance KEMA Keur				
	certificate				
Energy Consumption kWh/1000 h	16 kWh				

Product Data				
Order product name	MAS LEDtube 1200mm HO 16W830 T8 RS			
Full product name	MASTER LEDtube 1200mm HO 16W830 T8 RS			
Full product code	871869642198700			
Order code	42198700			
Material Nr. (12NC)	929001126102			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696421987			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696421994			

Dimensional drawing

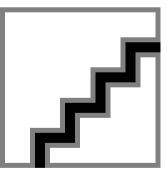


Photometric data



Light Distribution Diagram - MAS LEDtube 1200mm HO 16W830 T8 RS

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
16W830 T8 RS					



Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 16W830 T8 RS

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