PHILIPS Lighting

MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm 18W830 T8 I

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	40,000 hour(s)				
Switching Cycle	50,000				
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				
Correlated Color Temperature (Nom)	3000 К				
Color Consistency	<6				
Color rendering index (CRI)	83				
LLMF At End Of Nominal Lifetime (Nom) 70 %					
Operating and Electrical					
Line Frequency	50 to 60 Hz				

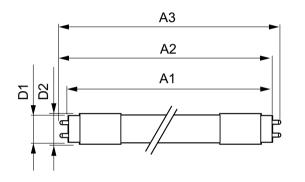
Input Frequency	50 to 60 Hz			
Power Consumption	18 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	Instant full light s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	220-240 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	60 °C			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	1,200 mm			

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Approval and Application					
Energy Saving Product	Yes				
Suitable For Accent Lighting	No				
Approval Marks	CE marking RoHS compliance KEMA Keur				
	certificate				
Energy Consumption kWh/1000 h	18 kWh				
Product Data					
Order product name	MAS LEDtube 1200mm 18W830 T8 I				
Full product name	MAS LEDtube 1200mm 18W830 T8 I				

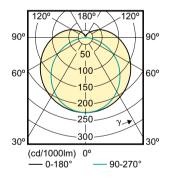
Full product code	871869651116900			
Order code	929001178508			
Material Nr. (12NC)	929001178508			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696511169			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696511176			

Dimensional drawing

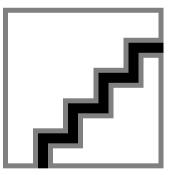


Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
18W830 T8 I					

Photometric data



Light Distribution Diagram - MAS LEDtube 1200mm 18W830 T8 I



Spectral Power Distribution Colour - MAS LEDtube 1200mm 18W830 T8 I



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