PHILIPS Lighting

MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm 18W865 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	865 [CCT of 6500K]				
Beam Angle (Nom)	160 degree(s)				
Luminous Flux	2,100 lm				
Correlated Color Temperature (Nom)	6500 K				
Color Consistency	<6				
Color rendering index (CRI)	83				
LLMF At End Of Nominal Lifetime (Nom) 70 %					

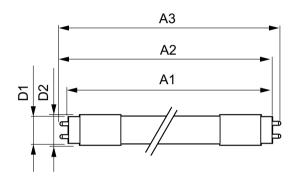
Operating and Electrical					
Line Frequency	50 to 60 Hz				
Input Frequency	50 to 60 Hz				
Power Consumption	18 W				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	Instant full light s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range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

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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	CE marking RoHS compliance KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	18 kWh			
Product Data				
Order product name	MAS LEDtube 1200mm 18W865 T8 I			

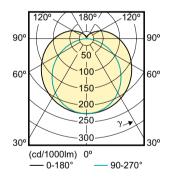
Full product name	MAS LEDtube 1200mm 18W865 T8 I			
Full product code	871869651120600			
Order code	929001178708 929001178708 1			
Material Nr. (12NC)				
Numerator - Quantity Per Pack				
EAN/UPC - Product/Case	8718696511206			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696511213			

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
18W865 T8 I					

Photometric data



Light Distribution Diagram - MAS LEDtube 1200mm 18W865 T8 I



Spectral Power Distribution Colour - MAS LEDtube 1200mm 18W865 T8 I

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