



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm 16W865 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	50,000 hour(s)		
Switching Cycle	20,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical			
Color Code	865 [CCT of 6500K]		
Luminous Flux	2,100 lm		
Correlated Color Temperature (Nom)	6500 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 45 °C			
T-Case Maximum (Nom)	55 °C			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	1,200 mm			

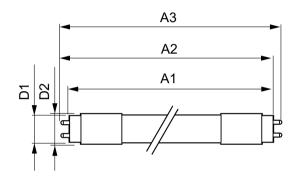
Datasheet, 2023, April 29 data subject to change

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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	16 kWh			
Product Data				
Order product name	MAS LEDtube 1200mm 16W865 T8 I			
Full product name	MAS LEDtube 1200mm 16W865 T8 I			

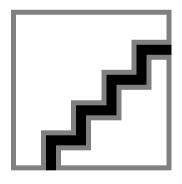
Full product code	871869667640000		
Order code	929001249208		
Material Nr. (12NC)	929001249208		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718696676400		
Numerator - Packs per outer box	10		
EAN/UPC - Case	8718696676417		

Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube 1200mm 16W865	25.68 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
T8 I					

Photometric data



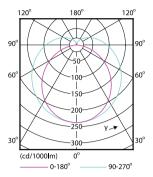




General uniform lighting - MAS LEDtube 1200mm 16W865 T8 I

MASTER LEDtube EM/Mains T8

Photometric data



Light Distribution Diagram - MAS LEDtube 1200mm 16W865 T8 I



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