



MASTER LEDtube EM/ Mains T8

MAS LEDtube STD 1200mm 20W865 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)	150 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	20 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	Instant full light s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	100-240 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	55 ℃			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	1,200 mm			

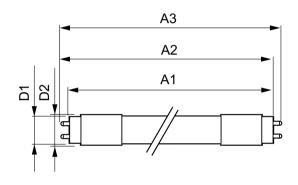
Datasheet, 2023, April 29 data subject to change

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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	20 kWh			
Product Data				
Order product name	MAS LEDtube STD 1200mm 20W865 T8 I			
Full product name	MAS LEDtube STD 1200mm 20W865 T8 I			

Full product code	871829173484000		
Order code	929000286508		
Material Nr. (12NC)	929000286508		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718291734840		
Numerator - Packs per outer box	10		
EAN/UPC - Case	8718291734857		

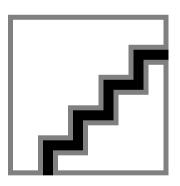
Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube STD 1200mm	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
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Photometric data





Light Distribution Diagram - MAS LEDtube STD 1200mm 20W865 T8 I

Spectral Power Distribution Colour - MAS LEDtube STD 1200mm 20W865 T8 I

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