

MASTER LEDtube EM/ Mains T8

MAS LEDtube STD 1200mm 20W830 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)	150 degree(s)		
Luminous Flux	2,000 lm		
Correlated Color Temperature (Nom)	3000 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			

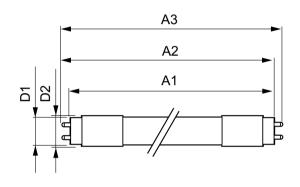
Datasheet, 2023, April 29 data subject to change

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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	20 kWh
Product Data	
Order product name	MAS LEDtube STD 1200mm 20W830 T8 I

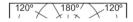
Full product name	MAS LEDtube STD 1200mm 20W830 T8 I				
Full product code	871829173480200				
Order code	929000286308				
Material Nr. (12NC)	929000286308				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718291734802				
Numerator - Packs per outer box	10				
EAN/UPC - Case	8718291734819				

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
20W830 T8 I					

Photometric data





Light Distribution Diagram - MAS LEDtube STD 1200mm 20W830 T8 I

Spectral Power Distribution Colour - MAS LEDtube STD 1200mm 20W830 T8 I

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