



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm UO 18W 830 T8 RS

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

٠ _

• _

Product data

General Information					
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	50,000 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	2,300 lm				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	128 lm/W				
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			
Lamp Current (Max)	82 mA			
Lamp Current (Min)	75 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.1 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	220-240 V			
Temperature				
Ambient temperature range	-20 °C to 35 °C			
T-Case Maximum (Nom)	55 ℃			

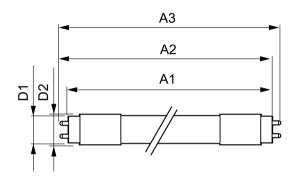
Datasheet, 2023, April 29 data subject to change

MASTER LEDtube EM/Mains T8

Controls and Dimming						
Dimmable	No					
Mechanical and Housing						
Product Length	1,200 mm					
Approval and Application						
Energy Saving Product	Yes					
Suitable For Accent Lighting	No					
Approval Marks	CE marking KEMA Keur certificate RoHS					
	compliance					
Energy Consumption kWh/1000 h	18 kWh					

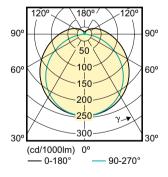
Product Data					
Order product name	MAS LEDtube 1200mm UO 18W 830 T8 RS				
Full product name	MAS LEDtube 1200mm UO 18W 830 T8 RS				
Full product code	871869646149500				
Order code	929001148802				
Material Nr. (12NC)	929001148802				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718696461495				
Numerator - Packs per outer box	10				
EAN/UPC - Case	8718696461501				

Dimensional drawing

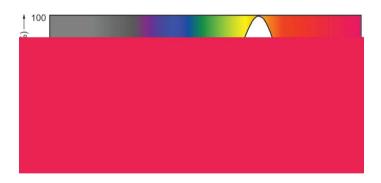


Product	D1	D2	A1	A2	А3
MAS LEDtube 1200mm UO 18W 830	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
T8 RS					

Photometric data



Light Distribution Diagram - MAS LEDtube 1200mm UO 18W 830 T8 RS



Spectral Power Distribution Colour - MAS LEDtube 1200mm UO 18W 830 T8 $\,$ RS

MASTER LEDtube EM/Mains T8



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.