PHILIPS Lighting

MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm UO 18W 865 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. These T8 LED tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings thanks to low energy consumption and an exceptionally long lifetime ensure this tube masters every demanding application.

Warnings and Safety

• NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.

Product data

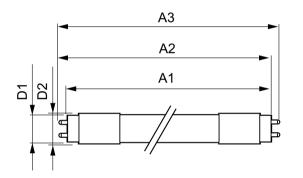
General Information		Color rendering index (CRI)	83
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	LLMF At End Of Nominal Lifetime	
Nominal lifetime	50,000 hour(s)		
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Input Frequency	50 to 60 Hz
		Power Consumption	18 W
Light Technical		Lamp Current (Max)	82 mA
Color Code	865 [CCT of 6500K]	Lamp Current (Min)	75 mA
Beam Angle (Nom)	160 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	2,500 lm	Warm-up time to 60% light	0.1 s
Correlated Color Temperature (Nom)	6500 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	139 lm/W	Voltage (Nom)	220-240 V
Color Consistency	<6		

MASTER LEDtube EM/Mains T8

Temperature		
Ambient temperature range	-20 ℃ to 35 ℃	
T-Case Maximum (Nom)	55 ℃	
Controls and Dimming		
Controts and Dimining		
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	

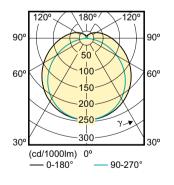
Energy Consumption kWh/1000 h	18 kWh		
Product Data			
Order product name	MAS LEDtube 1200mm UO 18W 865 T8 RS		
Full product name	MAS LEDtube 1200mm UO 18W 865 T8 RS		
Full product code	871869646155600		
Order code	929001149002		
Material Nr. (12NC)	929001149002		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718696461556		
Numerator - Packs per outer box	10		
EAN/UPC - Case	8718696461563		

Dimensional drawing

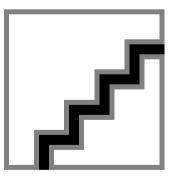


Product D1 D2 A1 A2 A3 MAS LEDtube 1200mm UO 18W 865 25.7 mm 28 mm 1,198 mm 1,205 mm 1,212 mm T8 RS 1,212 mm

Photometric data



Light Distribution Diagram - MAS LEDtube 1200mm UO 18W 865 T8 RS



Spectral Power Distribution Colour - MAS LEDtube 1200mm UO 18W 865 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.

www.lighting.philips.com 2023, October 26 - data subject to change