



MASTER LEDtube EM/ Mains

MASTER LEDtube 1500mm UO 25W 865 T8

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

• -

Product data

General Information					
Cap base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	50,000 h				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Colour Code	865 [CCT of 6500K]				
Beam angle (nom.)	160 degree(s)				
Luminous Flux	3,700 lm				
Correlated Colour Temperature	6500 K				
Luminous efficacy (rated) (nom.)	148 lm/W				
Colour consistency	<6				
Colour 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	25 W			
Lamp current (max.)	113 mA			
Lamp current (min.)	105 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 ℃			
Controls and Dimming				
Dimmable	No			

Datasheet, 2023, April 29 data subject to change

MASTER LEDtube EM/Mains

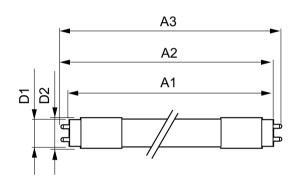
Mechanical and Housing			
Product length	1,500 mm		
Approval and Application			
Energy-saving product	Yes		
Suitable for accent lighting	No		
Approval marks	CE marking KEMA Keur certificate RoHS		
	compliance		
Energy consumption kWh/1,000 hours	25 kWh		
Product Data			

MAS LEDtube 1500mm UO 25W 865 T8

Full product name	MASTER LEDtube 1500mm UO 25W 865 T8				
Full EOC	871869646163100				
Order code	46163100				
Material no. (12 NC)	929001149302				
Local order code	MLEDTUBE15UO65R				
SAP numerator – quantity per pack	1				
EAN/UPC — Product/Case	8718696461631				
Numerator – packs per outer box	10				
EAN/UPC - Case	8718696461648				

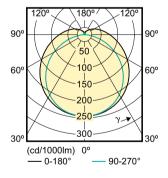
Dimensional drawing

Order product name

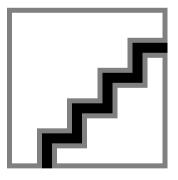


Product	D1	D2	A1	A2	А3
MAS LEDtube 1500mm UO 25W	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
865 T8					

Photometric data



Light Distribution Diagram - MAS LEDtube 1500mm UO 25W 865 T8



Spectral Power Distribution Colour - MAS LEDtube 1500mm UO 25W 865 T8

MASTER LEDtube EM/Mains



© 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.