



# MASTER LEDtube EM/ Mains T8

## MAS 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**

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#### **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	865 [CCT of 6500K]			
Beam Angle (Nom)	160 degree(s)			
Luminous Flux	3,700 lm			
Correlated Color Temperature (Nom)	6500 K			
Luminous Efficacy (rated) (Nom)	148 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	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 ℃			

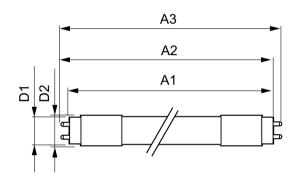
Datasheet, 2023, April 29 data subject to change

## **MASTER LEDtube EM/Mains T8**

Controls and Dimming	
Dimmable	No
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/1000 h	25 kWh

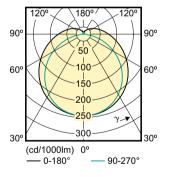
Product Data				
Order product name	MAS LEDtube 1500mm UO 25W 865 T8			
Full product name	MAS LEDtube 1500mm UO 25W 865 T8			
Full product code	871869646163100			
Order code	929001149302			
Material Nr. (12NC)	929001149302			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696461631			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696461648			

## Dimensional drawing

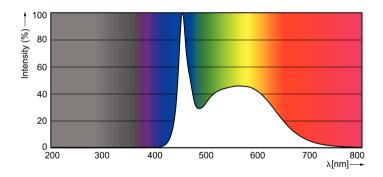


Product	D1	D2	A1	A2	А3
MAS LEDtube 1500mm UO 25W	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
865 T8					

## Photometric data



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



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

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