



# MASTER LEDtube EM/ Mains T8

## MASTER 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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

#### **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	2,500 lm				
Correlated Color Temperature (Nom)	6500 K				
Luminous Efficacy (rated) (Nom)	139 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 ℃		

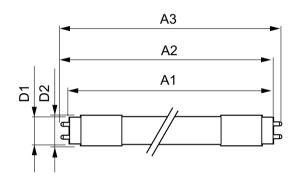
Datasheet, 2023, April 29 data subject to change

# **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					

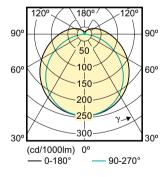
Product Data					
Order product name	MAS LEDtube 1200mm UO 18W 865 T8 RS				
Full product name	MASTER LEDtube 1200mm UO 18W 865 T8				
Full product code	871869646155600				
Order code	46155600				
Material Nr. (12NC)	929001149002				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718696461556				
Numerator - Packs per outer box	10				
EAN/UPC - Case	8718696461563				

## Dimensional drawing

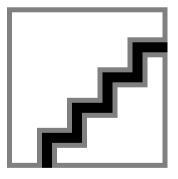


Product	D1	D2	A1	A2	А3
MAS LEDtube 1200mm UO 18W 865	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
T8 RS					

## Photometric data



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



Spectral Power Distribution Colour - MAS LEDtube 1200mm UO 18W 865 T8  $\,$  RS

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