



# MASTER LEDtube EM/ Mains T8

## MASTER LEDtube 600mm 9W 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**

• -

#### **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	1,050 lm			
Correlated Color Temperature (Nom)	6500 K			
Luminous Efficacy (rated) (Nom)	117 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	9 W		
Lamp Current (Max)	43 mA		
Lamp Current (Min)	36 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 °C		

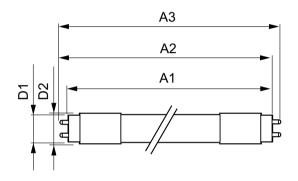
Datasheet, 2023, April 29 data subject to change

# **MASTER LEDtube EM/Mains T8**

Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product Length	600 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	9 kWh				

Product Data					
Order product name	MAS LEDtube 600mm 9W 865 T8 RS				
Full product name	MASTER LEDtube 600mm 9W 865 T8 RS				
Full product code	871869646145700				
Order code	46145700				
Material Nr. (12NC)	929001149602				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718696461457				
Numerator - Packs per outer box	10				
EAN/UPC - Case	8718696461464				

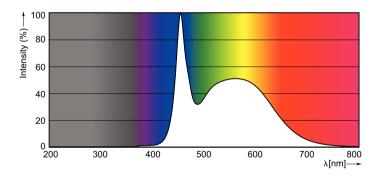
## Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube 600mm 9W 865 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
RS					

## Photometric data

1200 / \1800/ \ 1200



Light Distribution Diagram - MAS LEDtube 600mm 9W 865 T8 RS

Spectral Power Distribution Colour - MAS LEDtube 600mm 9W 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.