

# MASTER LEDtube EM/ Mains T8

## MAS LEDtube STD 600mm 10W830 T8 I

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				
Cap-Base	G13 [Medium Bi-Pin Fluorescent]			
Nominal lifetime	40,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	830 [CCT of 3000K]			
Beam Angle (Nom)	150 degree(s)			
Luminous Flux	1,000 lm			
Correlated Color Temperature (Nom)	3000 K			
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	10 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	Instant full light s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	100-240 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			

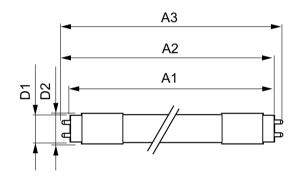
Datasheet, 2023, December 6 data subject to change

# **MASTER LEDtube EM/Mains T8**

T-Case Maximum (Nom) 55 °C  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 RoHS compliance KEMA Keur certificate  Energy Consumption kWh/1000 h 10 kWh					
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 RoHS compliance KEMA Keur certificate	T-Case Maximum (Nom)	55 ℃			
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Approval and Application  Energy Saving Product Yes  Suitable For Accent Lighting No  Approval Marks CE marking RoHS compliance KEMA Keur certificate	Mechanical and Housing				
Energy Saving Product  Yes  Suitable For Accent Lighting  No  Approval Marks  CE marking RoHS compliance KEMA Keur certificate	Product Length	600 mm			
Energy Saving Product  Suitable For Accent Lighting  Approval Marks  CE marking RoHS compliance KEMA Keur certificate					
Suitable For Accent Lighting  Approval Marks  CE marking RoHS compliance KEMA Keur certificate	Approval and Application				
Approval Marks  CE marking RoHS compliance KEMA Keur certificate	Energy Saving Product	Yes			
certificate	Suitable For Accent Lighting	No			
	Approval Marks	CE marking RoHS compliance KEMA Keur			
Energy Consumption kWh/1000 h 10 kWh		certificate			
	Energy Consumption kWh/1000 h	10 kWh			

Product Data	
Order product name	MAS LEDtube STD 600mm 10W830 T8 I
Full product name	MAS LEDtube STD 600mm 10W830 T8 I
Full product code	871829174085800
Order code	929000286608
Material Nr. (12NC)	929000286608
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291740858
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291740865

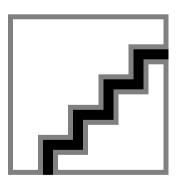
## Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube STD 600mm	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
10W830 T8 I					

### Photometric data





Light Distribution Diagram - MAS LEDtube STD 600mm 10W830 T8 I

Spectral Power Distribution Colour - MAS LEDtube STD 600mm 10W830 T8

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