

# MASTER LEDtube EM/ Mains T8

## MASTER LEDtube STD 600mm 10W840 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. 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	40,000 hour(s)			
Switching Cycle	cle 50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	840 [CCT of 4000K]			
Beam Angle (Nom)	150 degree(s)			
Luminous Flux	1,050 lm			
Correlated Color Temperature (Nom)	4000 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		
T-Case Maximum (Nom)	55 °C		
Controls and Dimming			
Dimmable	No		

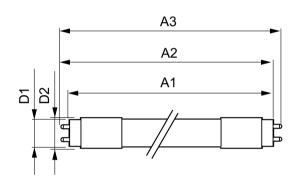
Datasheet, 2023, April 29 data subject to change

# **MASTER LEDtube EM/Mains T8**

Mechanical and Housing				
Product Length	23-5/8 inch			
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			
Product Data				
Order product name	MAS LEDtube STD 600mm 10W840 T8 I			

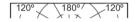
Full product name	MASTER LEDtube STD 600mm 10W840 T8 I			
Full product code	871829174087200			
Order code	74087200			
Material Nr. (12NC)	929000286708			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718291740872			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718291740889			

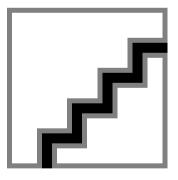
## Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube STD 600mm	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
10W840 T8 I					

#### Photometric data





Light Distribution Diagram - MAS LEDtube STD 600mm 10W840 T8 I

Spectral Power Distribution Colour - MAS LEDtube STD 600mm 10W840 T8

# **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.