



# MASTER LEDtube EM/ Mains T8

## Master LEDTube 600 mm 10W 840 T8 I W

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**

• -

• -

### **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	840 [CCT of 4000K]				
Beam Angle (Nom)	160 degree(s)				
Luminous Flux	1,050 lm				
Color Designation	Cool White (CW)				
Correlated Color Temperature (Nom)	4000 K				
Luminous Efficacy (rated) (Nom)	105.00 lm/W				
Color Consistency	<6				
Color rendering index (CRI)	82				

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)	0.92	
Voltage (Nom)	100-240 V	
Temperature		
Ambient temperature range	-20 °C to 45 °C	
T-Case Maximum (Nom)	70 ℃	

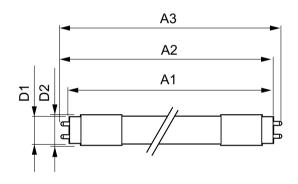
Datasheet, 2023, April 29 data subject to change

# **MASTER LEDtube EM/Mains T8**

Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	600 mm
Bulb Shape	Т8
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

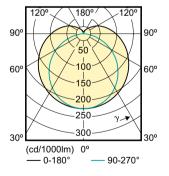
Product Data				
Order product name	Master LEDTube 600 mm 10W 840 T8 I W			
Full product name	Master LEDTube 600 mm 10W 840 T8 I W			
Full product code	871869652408400			
Order code	929001187912			
Material Nr. (12NC)	929001187912			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696524084			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696524091			

## Dimensional drawing

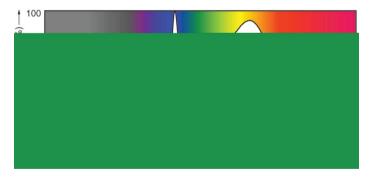


Product	D1	D2	A1	A2	A3
Master LEDTube 600 mm 10W	25.6 mm	27.8 mm	588.6 mm	595.7 mm	602.8 mm
840 T8 I W					

#### Photometric data



Light Distribution Diagram - Master LEDTube 600 mm 10W 840 T8 I W



Spectral Power Distribution Colour - Master LEDTube 600 mm 10W 840 T8 I W

# **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.