# **PHILIPS** Lighting

# 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. 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	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				

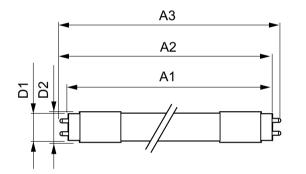
LLMF At End Of Nominal Lifetime (Nom) 70 %				
Operating and Electrical				
Line Frequency	50 to 60 Hz			
Input Frequency	50 to 60 Hz			
Power Consumption	10 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	Instant full light s			
Power Factor (Fraction)	0.92			
Voltage (Nom)	100-240 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	70 °C			

#### MASTER LEDtube EM/Mains T8

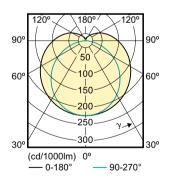
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product Length	600 mm				
Bulb Shape	Т8				
Approval and Application					
Energy Saving Product	Yes				
Suitable For Accent Lighting	No				
Approval Marks	CE marking RoHS compliance KEMA Keur				
	certificate				
Energy Consumption 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	52408400				
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**

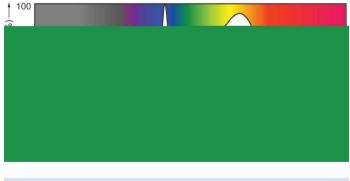


## Photometric data



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

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					



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.

www.lighting.philips.com 2023, May 1 - data subject to change