PHILIPS Lighting

MASTER LEDtube EM/ Mains T8

Master LEDTube 600 mm 10W 865 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. 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	865 [CCT of 6500K]				
Beam Angle (Nom)	160 degree(s)				
Luminous Flux	1,050 lm				
Color Designation	Cool Daylight				
Correlated Color Temperature (Nom)	6500 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				

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Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	70 °C			
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			

Product Data				
Order product name	Master LEDTube 600 mm 10W 865 T8 I V			
Full product name	Master LEDTube 600 mm 10W 865 T8 I W			
Full product code	871869652410700			
Order code	929001188012			
Material Nr. (12NC)	929001188012			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696524107			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696524114			

10 kWh

Energy Consumption kWh/1000 h

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
865 T8 I W					

Photometric data

Light Distribution Diagram - Master LEDTube 600 mm 10W 865 T8 I W

Spectral Power Distribution Colour - Master LEDTube 600 mm 10W 865 T8 I W

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