



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) 50,000 LED				
Switching Cycle					
Lighting Technology					
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 rendering index (CRI) 82 LLMF At End Of Nominal Lifetime (Nom) 70 % Operating and Electrical	Color Consistency	<6				
	Color rendering index (CRI)	82				
Operating and Electrical	LLMF At End Of Nominal Lifetime (Nom) 70 %					
Operating and Electrical						
	Operating and Electrical					
Line Frequency 50 to 60 Hz	Line Frequency	50 to 60 Hz				
Input Frequency 50 to 60 Hz	Input Frequency	50 to 60 Hz 10 W 0.5 s				
Power Consumption 10 W	Power Consumption					
Starting Time (Nom) 0.5 s	Starting Time (Nom)					
Warm-up time to 60% light Instant full light s	Warm-up time to 60% light	Instant full light s				
Power Factor (Fraction) 0.92	Power Factor (Fraction)	0.92				
Voltage (Nom) 100-240 V	Voltage (Nom)	100-240 V				

Datasheet, 2023, December 8 data subject to change

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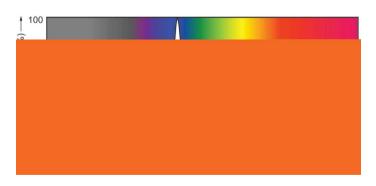
Temperature			
Ambient temperature range	-20 °C to 45 °C		
T-Case Maximum (Nom)	70 °C		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Product Length	600 mm		
Bulb Shape	Т8		
Approval and Application			
Energy Saving Product	Yes		
Suitable For Accent Lighting	No		
Approval Marks	CE marking RoHS compliance KEMA Keur		
	certificate		

Energy Consumption kWh/1000 h	10 kWh				
Product Data					
Order product name	Master LEDTube 600 mm 10W 865 T8 I W				
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 10				
Numerator - Packs per outer box					
EAN/UPC - Case	8718696524114				

Dimensional drawing

Product	D1	D2	A1	A2	А3
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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