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	25,000 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				

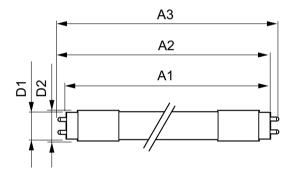
Color Consistency	<6		
Color rendering index (CRI)	82		
LLMF At End Of Nominal Lifetime (Nom) 70 %			
Operating and Electrical			
Line Frequency	50 to 60 Hz		
Input Frequency	50 to 60 Hz		
Power Consumption	10 W		
Lamp Current (Max)	115 mA		
Lamp Current (Min)	40 mA		
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	Instant full light s		
Power Factor (Fraction)	0.92		

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Voltage (Nom)	100-240 V		
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	Tube, double-ended		
Approval and Application			
Energy Saving Product	Yes		
Suitable For Accent Lighting	No		

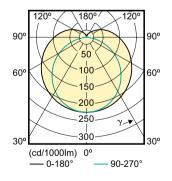
Approval Marks	CE marking RoHS compliance KEMA Keur				
	certificate				
Energy Consumption kWh/1000 h	10 kWh				
Product Data					
Order product name	Master LEDTube 600 mm 10W 865 T8 I W				
Full product name	Master LEDTube 600 mm 10W 865 T8 I W				
Full product code	871869652410700				
Order code	929001188072				
Material Nr. (12NC)	929001188072				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718696524107				
Numerator - Packs per outer box	10				
EAN/UPC - Case	8718696524114				

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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