

PHILIPS

MASTER LEDtube EM/ Mains T8

MAS LEDtube VLE 600mm 10W830 T8C ROT

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	830 [CCT of 3000K]				
Beam Angle (Nom)	150 degree(s)				
Luminous Flux	1,000 lm				
Correlated Color Temperature (Nom)	3000 K				
Color Consistency	<6				
Color rendering index (CRI)	83				

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)	0.9			
Voltage (Nom)	220-240 V			
Temperature				
Ambient temperature range	-30 °C to 45 °C			

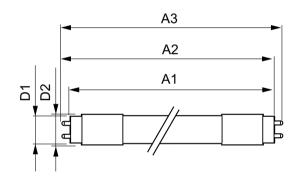
Datasheet, 2023, December 6 data subject to change

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T-Case Maximum (Nom)	50 ℃				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product Length	23-5/8 inch				
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				
	-				

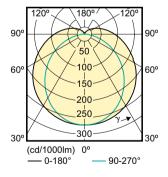
Product Data	
Order product name	MAS LEDtube VLE 600mm 10W830 T8C ROT
Full product name	MAS LEDtube VLE 600mm 10W830 T8C ROT
Full product code	871869642204500
Order code	929001126402
Material Nr. (12NC)	929001126402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696422045
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696422052

Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube VLE 600mm	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
10W830 T8C ROT					

Photometric data



Light Distribution Diagram - MAS LEDtube VLE 600mm 10W830 T8C ROT



Spectral Power Distribution Colour - MAS LEDtube VLE 600mm 10W830 T8C ROT

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