



MASTER LEDtube EM/ Mains

MAS LEDtube 600mm 9W 865 T8 RS

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.

Product data

General Information				
Cap base	G13 [Medium Bi-Pin Fluorescent]			
Main application	Industrial			
Nominal lifetime (nom.)	50000 h			
Switching cycle	200000X			
B50L70	50000 h			
Light Technical				
Colour code	865 [CCT of 6,500 K]			
Beam Angle (Nom)	160 °			
Luminous flux (nom.)	1050 lm			
Luminous flux (rated) (nom.)	1050 lm			
Rated beam angle	160 °			
Correlated colour temperature (nom.)	6500 K			
Luminous efficacy (rated) (nom.)	117 lm/W			
Colour consistency	<6			
Color rendering index (nom.)	83			
LLMF at end of nominal lifetime (nom.) 70 %				

Operating and Electrical				
Input frequency	50 to 60 Hz			
Power (Rated) (Nom)	9 W			
Lamp current (max.)	43 mA			
Lamp current (min.)	36 mA			
Starting time (nom.)	0.5 s			
Warm-up time to 60% light (nom.)	0.1 s			
Power factor (nom.)	0.9			
Voltage (Nom)	220-240 V			
Temperature				
T ambient (max.)	35 ℃			
T ambient (min.)	-20 ℃			
T storage (max.)	65 ℃			
T storage (min.)	-45 °C			
T-Case maximum (nom.)	55 ℃			
Controls and Dimming				
Dimmable	No			

Datasheet, 2019, May 7 data subject to change

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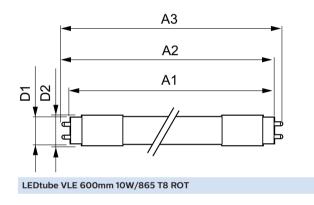
Mechanical and Housing				
Product length	600 mm			
Approval and Application				
Energy efficiency label (EEL)	A+			
Energy-saving product	Yes			
Suitable for accent lighting	No			
Approval marks	CE marking KEMA Keur certificate RoHS			
	compliance			
Energy Consumption kWh/1000 h	9 kWh			

Product Data		
Full product code	871869646145700	
Order product name	MAS LEDtube 600mm 9W 865 T8 RS	
EAN/UPC – product	8718696461457	
Order code	46145700	
Numerator – quantity per pack	1	
Numerator – packs per outer box	10	
Material no. (12NC)	929001149602	
Net weight (piece)	0.150 kg	

Warnings and Safety

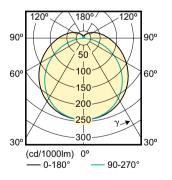
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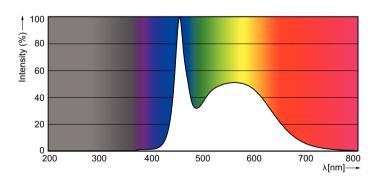
Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube 600mm 9W	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
865 T8 RS					

Photometric data





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