PHILIPS Lighting

MASTER LEDtube EM/ Mains T8

MAS LEDtube 600mm 9W 840 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. 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

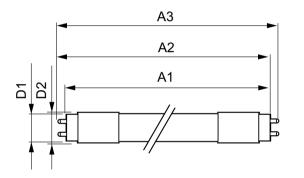
eneral Information		Color rendering index (CRI)	83
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	LLMF At End Of Nominal Lifetime	(Nom) 70 %
Nominal lifetime	50,000 hour(s)		
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Input Frequency	50 to 60 Hz
		Power Consumption	9 W
Light Technical		Lamp Current (Max)	43 mA
Color Code	840 [CCT of 4000K]	Lamp Current (Min)	36 mA
Beam Angle (Nom)	160 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	1,050 lm	Warm-up time to 60% light	0.1 s
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	117 lm/W	Voltage (Nom)	220-240 V
Color Consistency	<6		

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Temperature	
Ambient temperature range	-20 ℃ to 35 ℃
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	600 mm
Approval and Application	
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			
Order product name	MAS LEDtube 600mm 9W 840 T8 RS		
Full product name	MAS LEDtube 600mm 9W 840 T8 RS		
Full product code	871869646143300		
Order code	929001149502		
Material Nr. (12NC)	929001149502		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718696461433		
Numerator - Packs per outer box	10		
EAN/UPC - Case	8718696461440		

Dimensional drawing



Product D1 D2 A1 A2 A3 MAS LEDtube 600mm 9W 840 T8 25.7 mm 28 mm 588.5 mm 595.5 mm 602.5 mm RS

Photometric data

1200 / \ 1800/ \ 1200



Light Distribution Diagram - MAS LEDtube 600mm 9W 840 T8 RS

Spectral Power Distribution Colour - MAS LEDtube 600mm 9W 840 T8 RS

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