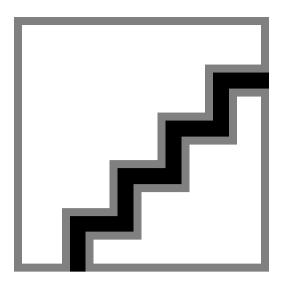
PHILIPS Lighting



MASTER LEDtube EM/ Mains T8

MAS LEDtube 600mm 9W 865 T8 RN

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

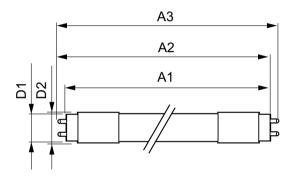
General Information		Color rendering index (CRI)	83	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	LLMF At End Of Nominal Lifetime (Nom) 70 %		
Nominal lifetime	50,000 hour(s)			
Switching Cycle	200,000	Operating and Electrical		
Lighting Technology	LED	Line Frequency	50 to 60 Hz	
EU RoHS compliant	Yes	Input Frequency	50 to 60 Hz	
		Power Consumption	9 W	
Light Technical		Lamp Current (Max)	43 mA	
Color Code	865 [CCT of 6500K]	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)	6500 K	Power Factor (Fraction)	0.9	
Luminous Efficacy (rated) (Nom)	117 lm/W	Voltage (Nom)	220-240 V	
Color Consistency	<6			

MASTER LEDtube EM/Mains T8

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

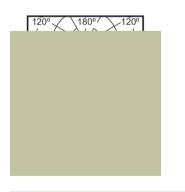
Energy Consumption kWh/1000 h	9 kWh		
Product Data			
Order product name	MAS LEDtube 600mm 9W 865 T8 RN		
Full product name	MAS LEDtube 600mm 9W 865 T8 RN		
Full product code	871869657283200		
Order code	929001239602		
Material Nr. (12NC)	929001239602		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718696572832		
Numerator - Packs per outer box	10		
EAN/UPC - Case	8718696572849		

Dimensional drawing

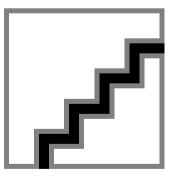


Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm 9W 865 T8	25.78 mm	28 mm	588.6 mm	595.7 mm	602.8 mm
RN					

Photometric data



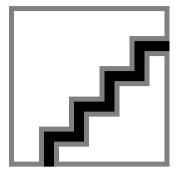
Light Distribution Diagram - MAS LEDtube 600mm 9W 865 T8 RN



General uniform lighting - MAS LEDtube 600mm 9W 865 T8 RN

MASTER LEDtube EM/Mains T8

Photometric data



Spectral Power Distribution Colour - MAS LEDtube 600mm 9W 865 T8 RN



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www.lighting.philips.com 2023, December 6 - data subject to change