

MASTER LEDtube EM/ Mains T8

MAS LEDtube STD 600mm 10W840 T8 I

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	840 [CCT of 4000K]			
Beam Angle (Nom)	150 degree(s)			
Luminous Flux	1,050 lm			
Correlated Color Temperature (Nom)	4000 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)	100-240 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			

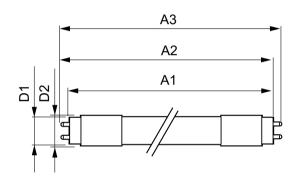
Datasheet, 2023, December 6 data subject to change

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T-Case Maximum (Nom)	55 ℃		
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 STD 600mm 10W840 T8 I				
Full product name	MAS LEDtube STD 600mm 10W840 T8 I				
Full product code	871829174087200				
Order code	929000286708				
Material Nr. (12NC)	929000286708				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718291740872				
Numerator - Packs per outer box	10				
EAN/UPC - Case	8718291740889				

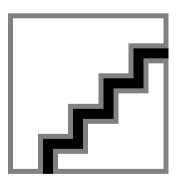
Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube STD 600mm	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
10W840 T8 I					

Photometric data





Light Distribution Diagram - MAS LEDtube STD 600mm 10W840 T8 I

Spectral Power Distribution Colour - MAS LEDtube STD 600mm 10W840 T8

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