



MASTER LEDtube EM/ Mains T8

MAS LEDtube PERF 1200mm 21W840 T8 C

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	50,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	840 [CCT of 4000K]				
Beam Angle (Nom)	140 degree(s)				
Luminous Flux	2,100 lm				
Correlated Color Temperature (Nom)	4000 K				
Color Consistency	<6				
Color rendering index (CRI)	85				

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	21 W			
Lamp Current (Max)	210 mA			
Lamp Current (Min)	88 mA			
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			

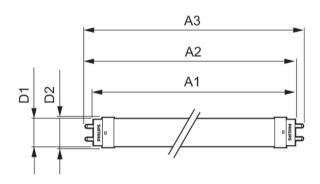
Datasheet, 2023, December 6 data subject to change

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Temperature	
Ambient temperature range	-30 °C to 45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,200 mm
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking RoHS compliance KEMA Keur
	certificate

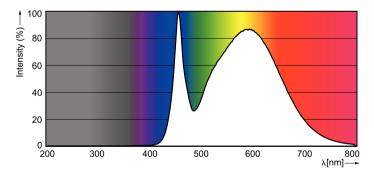
Energy Consumption kWh/1000 h	21 kWh			
Product Data				
Order product name	MAS LEDtube PERF 1200mm 21W840 T8 C			
Full product name				
Full product code	871829123852200			
Order code	929000280732			
Material Nr. (12NC)	929000280732			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718291700661			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718291700678			

Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube PERF 1200mm	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
21W840 T8 C					

Photometric data



Light Distribution Diagram - MAS LEDtube PERF 1200mm 21W840 T8 C

Spectral Power Distribution Colour - MAS LEDtube PERF 1200mm 21W840

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