

MASTER LEDtube EM/ Mains T8

MAS LEDtube 1500mm SO 20W 840 T8

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. This product is the ideal solution for up lamping in general lighting applications.

Warnings and Safety

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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)	160 degree(s)			
Luminous Flux	2,000 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	20 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	Instant full light s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	220-240 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	50 °C			
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Controls and Dimming	<u> </u>			
Dimmable	No			

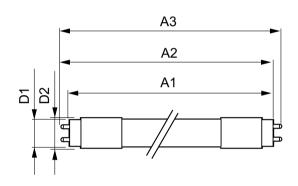
Datasheet, 2023, April 29 data subject to change

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Mechanical and Housing	
Product Length	1,500 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	20 kWh
Product Data	
Order product name	MAS LEDtube 1500mm SO 20W 840 T8

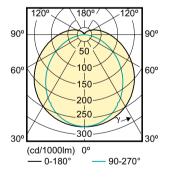
Full product name	MAS LEDtube 1500mm SO 20W 840 T8		
Full product code	871829173451200		
Order code	929000287602		
Material Nr. (12NC)	929000287602		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718291734512		
Numerator - Packs per outer box	10		
EAN/UPC - Case	8718291734529		

Dimensional drawing

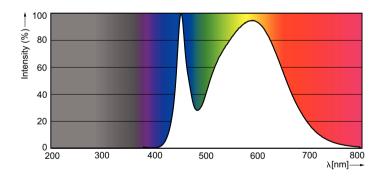


Product	D1	D2	A1	A2	А3
MAS LEDtube 1500mm SO	25.68 mm	28 mm	1,500.0 mm	1,507.1 mm	1,514.2 mm
20W 840 T8					

Photometric data







Spectral Power Distribution Colour - MAS LEDtube 1500mm SO 20W 840 T8

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