

MASTER LEDtube EM/ Mains T8

MASTER LEDtube 1200mm SO 14.5W 865 T8 ROT

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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

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	865 [CCT of 6500K]			
Beam Angle (Nom)	160 degree(s)			
Luminous Flux	1,600 lm			
Correlated Color Temperature (Nom)	6500 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	14.5 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 35 °C			
T-Case Maximum (Nom)	55 ℃			
Controls and Dimming				
Dimmable	No			

Datasheet, 2023, April 29 data subject to change

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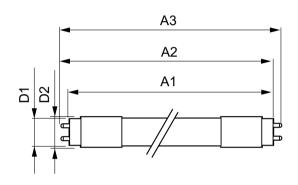
Mechanical and Housing			
Product Length	1,200 mm		
Approval and Application			
Energy Saving Product	Yes		
Suitable For Accent Lighting	No		
Approval Marks	CE marking RoHS compliance KEMA Keur		
	certificate		
Energy Consumption kWh/1000 h	14.5 kWh		

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Full product name	MASTER LEDtube 1200mm SO 14.5W 865 T8			
	ROT			
Full product code	871829179310600			
Order code	79310600			
Material Nr. (12NC)	929001119302			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718291793106			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718291793113			

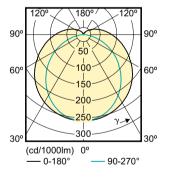
Dimensional drawing

Product Data
Order product name

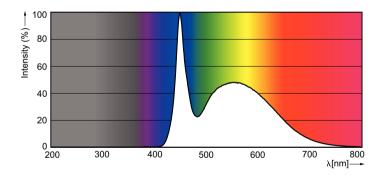


Product	D1	D2	A1	A2	А3
MAS LEDtube 1200mm SO	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
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Photometric data



Light Distribution Diagram - MAS LEDtube 1200mm SO 14.5W 865 T8 ROT



Spectral Power Distribution Colour - MAS LEDtube 1200mm SO 14.5W 865 T8 ROT

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