

PHILIPS

MASTER LEDtube InstantFit HF T8

MASTER LEDtube HF 1200mm SO 16.5W 865 T8 RS

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. The MASTER LEDtube Performance is the ideal solution for customers which have higher light requirements and the want to maximize value over lifetime. (need the longest lifetime). Full energy savings and TCO benefits.

Warnings and Safety

• NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are 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	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	25000-75000 Hz			
Input Frequency	25000-75000 Hz			
Power Consumption	16.5 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	Instant full light s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	50-100 V			

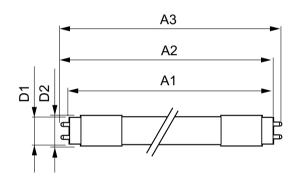
Datasheet, 2023, April 29 data subject to change

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Temperature					
Ambient temperature range	-20 °C to 35 °C				
T-Case Maximum (Nom)	45 ℃				
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	20 kWh				

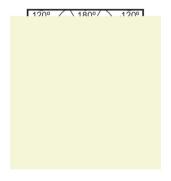
Product Data			
Order product name	MAS LEDtube HF 1200mm SO 16.5W 865 T8		
	RS		
Full product name	MASTER LEDtube HF 1200mm SO 16.5W 865		
	T8 RS		
Full product code	871829172887000		
Order code	72887000		
Material Nr. (12NC)	929000284502		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718291728870		
Numerator - Packs per outer box	10		
EAN/UPC - Case	8718291728887		

Dimensional drawing

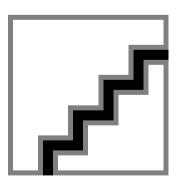


Product	D1	D2	A1	A2	А3
MAS LEDtube HF 1200mm SO	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
1C FW 9CF T0 DC					

Photometric data



Light Distribution Diagram - MAS LEDtube HF 1200mm SO 16.5W 865 T8 RS



Spectral Power Distribution Colour - MAS LEDtube HF 1200mm SO 16.5W $865\,\mathrm{T8}\,\mathrm{RS}$

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