

PHILIPS

MASTER LEDtube InstantFit HF T8

MAS LEDtube HF 1200mm SO 16.5W 865 T8 RN

Philips MASTER LEDtube InstantFit T8 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. Philips MASTER LEDtube InstantFit T8 is the ideal solution for customers who have higher light requirements and want to maximize value over lifetime. Full energy savings & longer lifetime result in attractive payback times 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			
Temperature				
Ambient temperature range	-20 °C to 35 °C			
T-Case Maximum (Nom)	45 °C			

Datasheet, 2023, December 6 data subject to change

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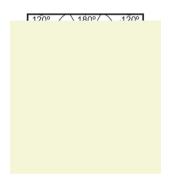
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Product Length	1,200 mm		
Approval and Application			
Energy Saving Product	Yes		
Suitable For Accent Lighting	No		
Approval Marks	CE marking RoHS compliance KEMA Keur		
	certificate		
Energy Consumption kWh/1000 h	20 kWh		
Product Data			
Order product name	MAS LEDtube HF 1200mm SO 16.5W 865 T8		
	DNI		

Full product name	MAS LEDtube HF 1200mm SO 16.5W 865 T8
	RN
Full product code	871869640892600
Order code	929001124602
Material Nr. (12NC)	929001124602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696408926
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696408933

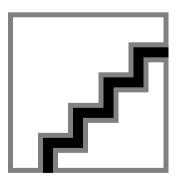
Dimensional drawing

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
16 5W 865 T8 RN					

Photometric data



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



Spectral Power Distribution Colour - MAS LEDtube HF 1200mm SO 16.5W $865\,T8\,RN$

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