

PHILIPS

MASTER LEDtube InstantFit HF T8

MASTER LEDtube HF 1200mm HO 18W865 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. 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	2,100 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	25000-80000 Hz			
Input Frequency	25000-80000 Hz			
Power Consumption	18 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)	40 °C			

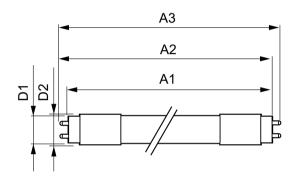
Datasheet, 2023, April 29 data subject to change

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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 HO 18W865 T8			
Full product name	MASTER LEDtube HF 1200mm HO 18W865			
Full product code	871869647127200			
Order code	47127200			
Material Nr. (12NC)	929001155202			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696471272			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696471289			

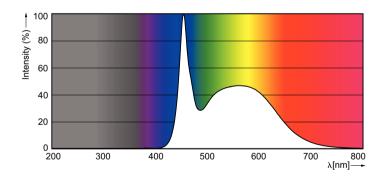
Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube HF 1200mm HO	25.6 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
18W865 T8					

Photometric data

1200 / \1800/ \ .1200



Light Distribution Diagram - MAS LEDtube HF 1200mm HO 18W865 T8

Spectral Power Distribution Colour - MAS LEDtube HF 1200mm HO 18W865 T8

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