



MASTER LEDtube InstantFit HF

MASTER LEDtube HF 1200mm HO 18W830 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

• 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 h				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Colour Code	830 [CCT of 3000K]				
Beam angle (nom.)	160 degree(s)				
Luminous Flux	2,000 lm				
Correlated Colour Temperature	3000 K				
Colour consistency	<6				
Colour 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			
Controls and Dimming				
Dimmable	No			

Datasheet, 2023, April 29 data subject to change

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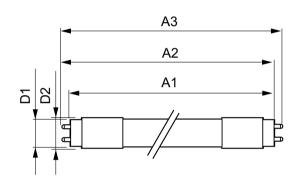
Mechanical and Housing	
Product length	1,200 mm
Approval and Application	
Energy-saving product	Yes
Suitable for accent lighting	No
Approval marks	CE marking RoHS compliance KEMA Keur
	certificate
Energy consumption kWh/1,000 hours	22 kWh
Product Data	

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Full product name	MASTER LEDtube HF 1200mm HO 18W830 T8			
Full EOC	871869651456600			
Order code	51456600			
Material no. (12 NC)	929001180002			
Local order code	MLEDTU12HO30HFR			
SAP numerator – quantity per pack	1			
EAN/UPC — Product/Case	8718696514566			
Numerator – packs per outer box	10			
EAN/UPC - Case	8718696514573			

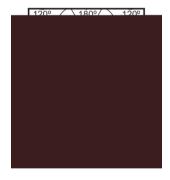
Dimensional drawing

Order product name

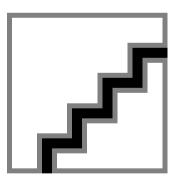


Product	D1	D2	A1	A2	А3
MAS LEDtube HF 1200mm HO	25.6 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
18W830 T8					

Photometric data







Spectral Power Distribution Colour - MAS LEDtube HF 1200mm HO 18W830

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