



# 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 lighting 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.

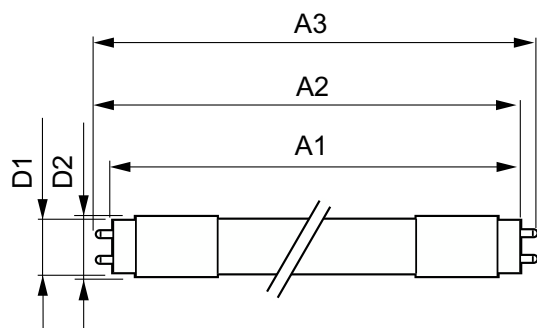
### Product data

General Information		Operating and Electrical	
Cap base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	25000-80000 Hz
Nominal lifetime	50,000 h	Input frequency	25000-80000 Hz
Switching Cycle	50,000	Power Consumption	18 W
Lighting Technology	LED	Starting time (nom.)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	Instant full light s
Light Technical		Power Factor (Fraction)	0.9
Colour Code	830 [CCT of 3000K]	Voltage (nom.)	50-100 V
Beam angle (nom.)	160 degree(s)	Temperature	
Luminous Flux	2,000 lm	Ambient temperature range	-20°C to 35°C
Correlated Colour Temperature	3000 K	T-Case maximum (nom.)	40 °C
Colour consistency	<6	Controls and Dimming	
Colour rendering index (CRI)	83	Dimmable	No
LLMF at end of nominal lifetime (nom.)	70 %		

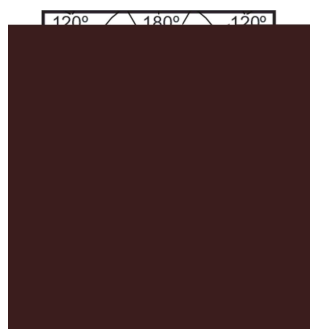
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Mechanical and Housing	
Product length	1,200 mm
Approval and Application	
Energy-saving product	Yes
Suitable for accent lighting	No
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	22 kWh
Product Data	
Order product name	MAS LEDtube HF 1200mm HO 18W830 T8

## Dimensional drawing



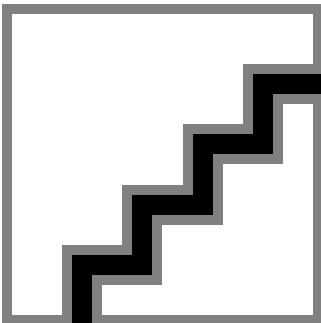
## Photometric data



Light Distribution Diagram - MAS LEDtube HF 1200mm HO 18W830 T8

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

Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1200mm HO 18W830 T8	25.6 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm



Spectral Power Distribution Colour - MAS LEDtube HF 1200mm HO 18W830 T8

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