



MASTER LEDtube InstantFit HF

MASTER LEDtube HF 1200mm HO 18W840 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	
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	840 [CCT of 4000K]
Beam angle (nom.)	160 degree(s)
Luminous Flux	2,100 lm
Correlated Colour Temperature	4000 K
Colour consistency	<6
Colour rendering index (CRI)	83
LLMF at end of nominal lifetime (nom.)	70 %

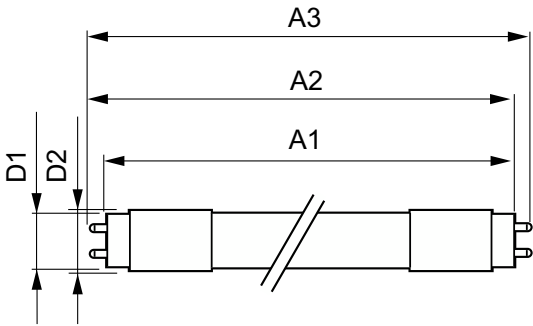
Operating and Electrical	
Line Frequency	25000-80000 Hz
Input frequency	25000-80000 Hz
Power Consumption	18 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.9
Voltage (nom.)	50-100 V
Temperature	
Ambient temperature range	-20°C to 35°C
T-Case maximum (nom.)	40 °C
Controls and Dimming	
Dimmable	No

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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 18W840 T8

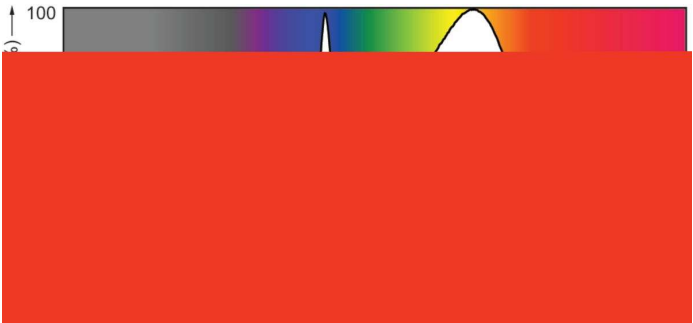
Full product name	MASTER LEDtube HF 1200mm HO 18W840 T8
Full EOC	871869647125800
Order code	47125800
Material no. (12 NC)	929001155102
Local order code	MLEDTU12HO40HFR
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696471258
Numerator – packs per outer box	10
EAN/UPC – Case	8718696471265

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1200mm HO 18W840 T8	25.6 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

Photometric data



Light Distribution Diagram – MAS LEDtube HF 1200mm HO 18W840 T8

Spectral Power Distribution Colour – MAS LEDtube HF 1200mm HO 18W840 T8

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