



MASTER LEDtube InstantFit HF

MASTER LEDtube HF 1200mm SO 16.5W 840 T8 RN

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

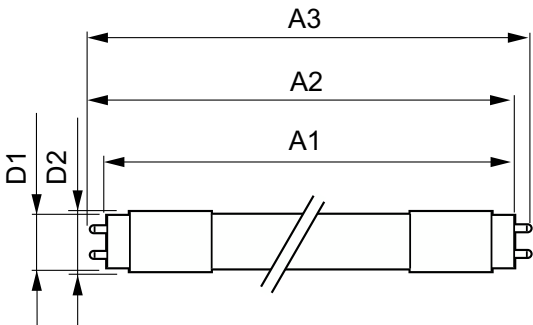
General Information		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 [Medium Bi-Pin Fluorescent]		
Nominal lifetime	50,000 h		
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Colour Code	840 [CCT of 4000K]	Line Frequency	25000-75000 Hz
Beam angle (nom.)	160 degree(s)	Input frequency	25000-75000 Hz
Luminous Flux	1,600 lm	Power Consumption	16.5 W
Correlated Colour Temperature	4000 K	Starting time (nom.)	0.5 s
Colour consistency	<6	Warm-up time to 60% light	Instant full light s
Colour rendering index (CRI)	83	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

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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/1,000 hours	20 kWh

Product Data	
Order product name	MAS LEDtube HF 1200mm SO 16.5W 840 T8 RN
Full product name	MASTER LEDtube HF 1200mm SO 16.5W 840 T8 RN
Full EOC	871869640890200
Order code	40890200
Material no. (12 NC)	929001124502
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696408902
Numerator – packs per outer box	10
EAN/UPC – Case	8718696408919

Dimensional drawing

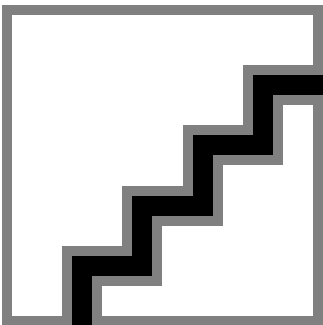


Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1200mm SO 16.5W 840 T8 RN	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

Photometric data



Light Distribution Diagram – MAS LEDtube HF 1200mm SO 16.5W 840 T8 RN



Spectral Power Distribution Colour – MAS LEDtube HF 1200mm SO 16.5W 840 T8 RN

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