



MASTER LEDtube InstantFit HF T8

MASTER LEDtube HF 1200mm SO 16.5W 865 T8 RS

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.

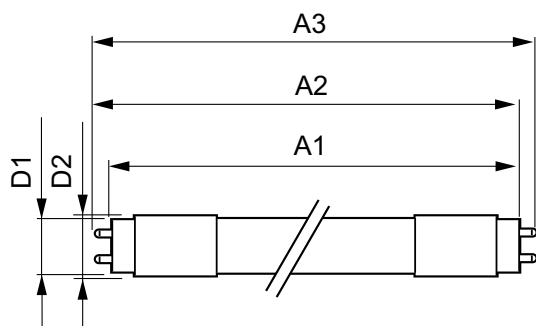
Product data

General Information		Color rendering index (CRI)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	83	
Nominal lifetime	50,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom) 70 %	
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	865 [CCT of 6500K]	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 Color Temperature (Nom)	6500 K	Starting Time (Nom)	0.5 s
Color Consistency	<6	Warm-up time to 60% light	Instant full light s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	50-100 V

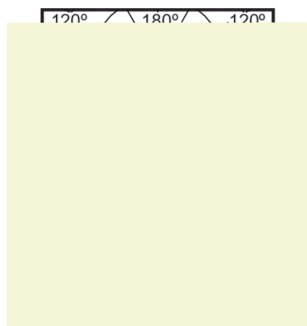
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Temperature	
Ambient temperature range	-20 °C to 35 °C
T-Case Maximum (Nom)	45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,200 mm
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh

Dimensional drawing



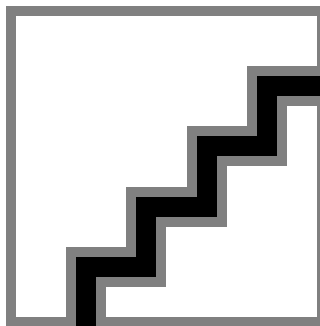
Photometric data



Light Distribution Diagram - MAS LEDtube HF 1200mm SO 16.5W 865 T8 RS

Product Data	
Order product name	MAS LEDtube HF 1200mm SO 16.5W 865 T8 RS
Full product name	MASTER LEDtube HF 1200mm SO 16.5W 865 T8 RS
Full product code	871829172887000
Order code	72887000
Material Nr. (12NC)	929000284502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291728870
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291728887

Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1200mm SO 16.5W 865 T8 RS	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm



Spectral Power Distribution Colour - MAS LEDtube HF 1200mm SO 16.5W 865 T8 RS

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