



# MASTER LEDtube InstantFit HF T8

## MAS LEDtube HF 1200mm SO 16.5W 840 T8 RN

Philips MASTER LEDtube InstantFit T8 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. Philips MASTER LEDtube InstantFit T8 is the ideal solution for customers who have higher light requirements and want to maximize value over lifetime. Full energy savings & longer lifetime result in attractive payback times 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		LLMF At End Of Nominal Lifetime (Nom) 70 %	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		
Nominal lifetime	50,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color 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 Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.5 s
Color Consistency	<6	Warm-up time to 60% light	Instant full light s
Color 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
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## Mechanical and Housing

Product Length	1,200 mm
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## Approval and Application

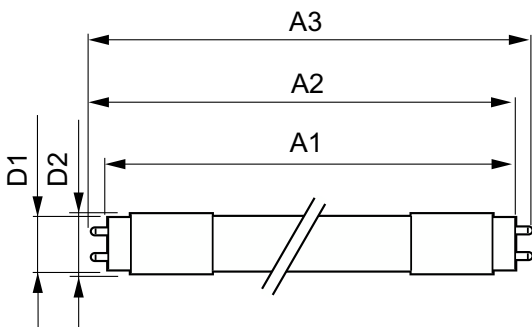
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh

## Product Data

Order product name	MAS LEDtube HF 1200mm SO 16.5W 840 T8 RN
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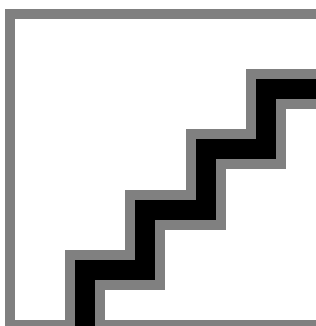
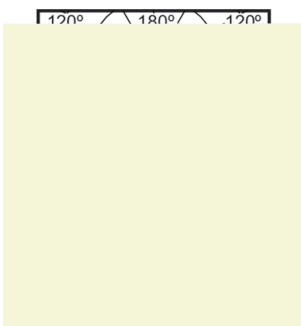
Full product name	MAS LEDtube HF 1200mm SO 16.5W 840 T8 RN
Full product code	871869640890200
Order code	929001124502
Material Nr. (12NC)	929001124502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696408902
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696408919

## 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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