

### PHILIPS

# 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 lamping 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	1,600 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	25000-75000 Hz			
Input frequency	25000-75000 Hz			
Power Consumption	16.5 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.)	45 ℃			

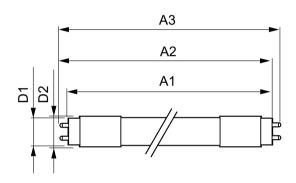
Datasheet, 2023, April 29 data subject to change

#### **MASTER LEDtube InstantFit HF**

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

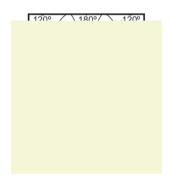
Product Data	
Order product name	MAS LEDtube HF 1200mm SO 16.5W 840 T8 RN
Full product name	MASTER LEDtube HF 1200mm SO 16.5W 840 T8
	RN
Full EOC	871869640890200
Order code	40890200
Material no. (12 NC)	929001124502
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696408902
Numerator –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

#### Dimensional drawing

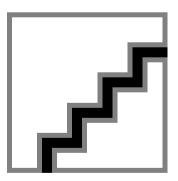


Product	D1	D2	A1	A2	А3
MAS LEDtube HF 1200mm SO	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
16.5W 840 T8 RN					

#### 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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