

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. 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.

Product data

• General Information

Cap-Base	G13 [G13 Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	50000 h
Switching Cycle B50L70	50000X 50000

• Light Technical

Color Code	840 [CCT of 4000K (841)]
Beam Angle (Nom)	160 °
Luminous Flux (Rated) (Nom)	1600 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	4000 K
Color Consistency	6 steps
Color Rendering Index (Nom)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

• Operating and Electrical

Input Frequency	25000-75000 Hz
Power (Rated) (Nom)	16.5 W
Starting Time (Max)	0.5 s
Warm Up Time To 60% Light (Nom)	instant full light
Power Factor (Min)	0.9
Voltage (Nom)	50-100 V

• Temperature

T-Ambient (Max)	35 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Max)	45 °C
T-Case Maximum (Nom)	45 °C

• Controls and Dimming

Dimmable	No

• Mechanical and Housing

Product Length	1200 mm

• Approval and Application

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

• Product Data

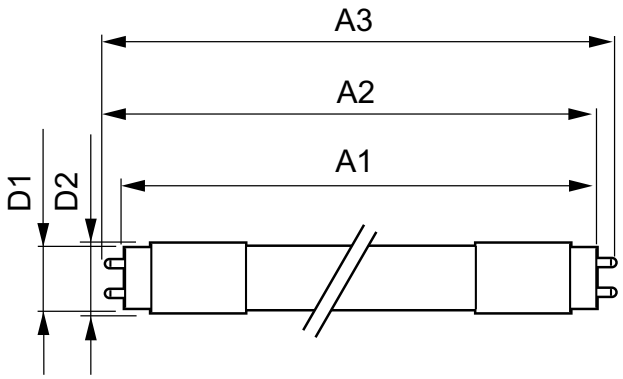
Full product code	871869640890200
Order product name	MASTER LEDtube HF 1200mm SO 16.5W 840 T8 RN

PHILIPS

MASTER LEDtube InstantFit HF

EAN/UPC - Product	8718696408902
Order code	929001124502
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001124502
Net Weight (Piece)	0.360 kg

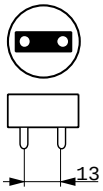
Dimensional drawing



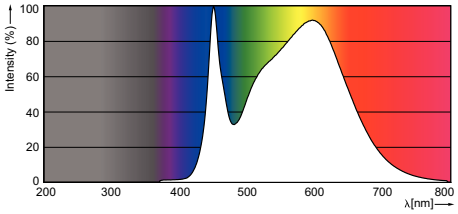
MASTER LEDtube HF, VLE, VALUE HF

LEDtube HF 1200mm SO 16.5W 840 T8

Product	D1	D2	A1	A2	A3
MASTER LEDtube HF 1200mm SO 16.5W 840 T8 RN	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm



Photometric data



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data subject to change