MASTER LEDtube InstantFit HF

MASTER LEDtube HF 1200mm UO 21W830 T8

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

• Light Technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	2300 lm
Luminous Flux (Rated) (Nom)	2300 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	3000 K
Color Consistency	6 steps
Color Rendering Index (Nom)	83
Llmf At End Of Nominal Lifetime (Nom)	70 %

• Operating and Electrical

Input Frequency	25000-80000 Hz
Power (Rated) (Nom)	21 W
Lamp Current (Nom)	400 mA
Starting Time (Max)	0.5 s
Warm Up Time To 60% Light (Max)	0.1 s
Power Factor (Min)	0.9
Voltage (Nom)	50-100 V

• Temperature

T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Max)	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 KEMA Keur certificate RoHS compliance VDE marking
Energy Consumption kWh/1000 h	26 kWh

• Product Data

Full product code	871869655282700

PHILIPS

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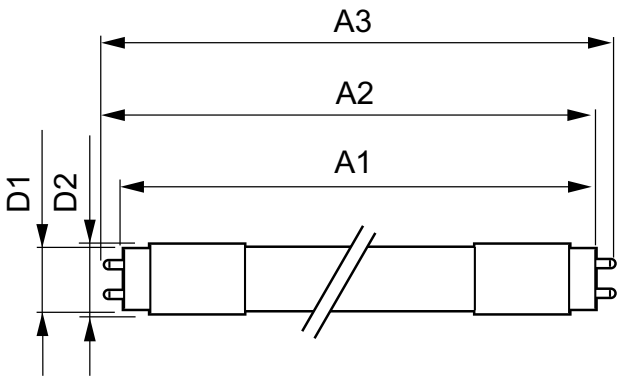
Order product name	MASTER LEDtube HF 1200mm UO 21W830 T8
EAN/UPC - Product	8718696552827
Order code	929001211302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001211302
Net Weight (Piece)	0.360 kg

Dimensional drawing



TLED 50-100V 20W-36W 2500lm 3000K G13 ND

Product	D1	D2	A1	A2	A3
MASTER LEDtube HF 1200mm UO 21W830 T8	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm

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Photometric data

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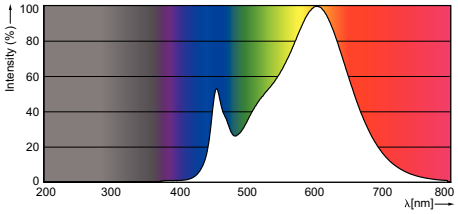

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data subject to change