PHILIPS

Lighting



MASTER LEDtube InstantFit HF T8

MASTER LEDtube HF 1200mm 16.5W833 T8 FOOD

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.

Product data

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

Light Technical	
Color Code	833 [CCT of 3300K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	960 lm
Luminous Flux (Rated) (Nom)	960 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	3300 K
Color Consistency	<6
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
Lamp Current (Max)	500 mA
Lamp Current (Min)	280 mA
Starting Time (Nom)	0.5 s
Warm Up Time To 60% Light (Nom)	0.5 s
Power Factor (Nom)	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

MASTER LEDtube InstantFit HF T8

T-Case Maximum (Nom)	45 °C

Energy Consumption kWh/1000 h	21 kWh

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)	B
Approval Marks	RoHS compliance KEMA Keur certificate CE marking

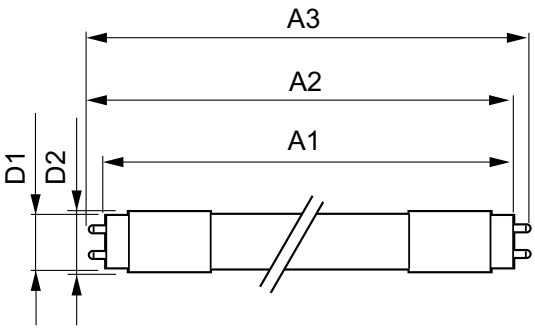
Product Data

Full product code	871869656616900
Order product name	MASTER LEDtube HF 1200mm 16.5W833 T8 FOOD
EAN/UPC - Product	8718696566169
Order code	929001226302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001226302
Net Weight (Piece)	0.360 kg

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.

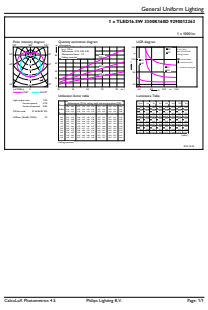
Dimensional drawing

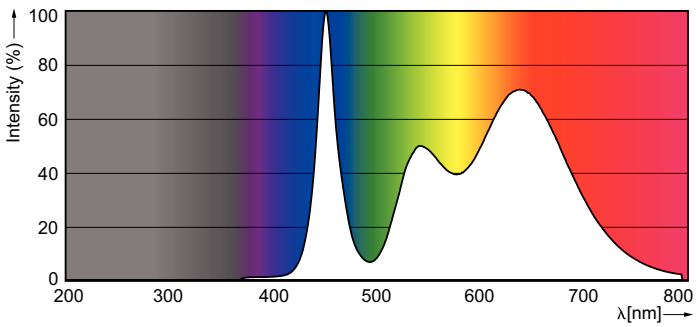


Product	D1	D2	A1	A2	A3
MASTER LEDtube HF 1200mm 16.5W833 T8 MEAT	25.7 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm

TLED 50-100V 16.5W-36W 3300K G13

Photometric data





MASTER LEDtube InstantFit HF T8



© 2017 Philips Lighting Holding B.V. All rights reserved. Philips Lighting reserves the right to make changes in specifications and/or to discontinue any product at any timewithout notice or obligation and will not be liable for any consequences resulting from the use of this publication.

www.lighting.philips.com
2017, June 5 - data subject to change