



# MASTER LEDtube InstantFit HF T8

## MASTER LEDtube HF 1200mm 16.5W833 T8 FOOD

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.

### 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 ROT (Rotating) [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	833 [CCT of 3300K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	960 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3300 K
Luminous Efficacy (rated) (Nom)	58.18 lm/W

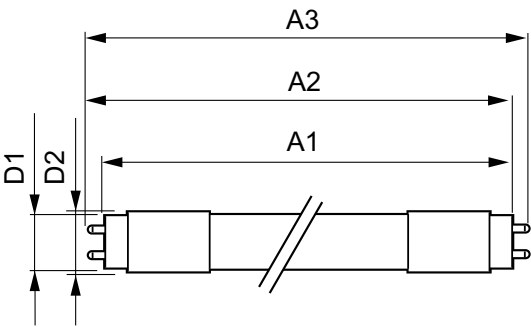
Color Consistency	<6
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	25000-75000 Hz
Input Frequency	25000-75000 Hz
Power Consumption	16.5 W
Lamp Current (Max)	500 mA
Lamp Current (Min)	280 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	50-100 V

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Temperature	
Ambient temperature range	-20 °C to 35 °C
T-Case Maximum (Nom)	45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Plastic
Product Length	1,200 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	RoHS compliance KEMA Keur certificate CE marking

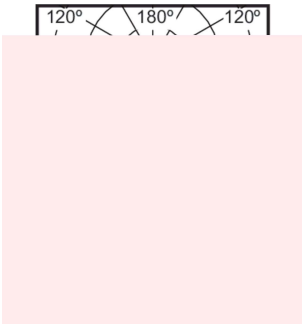
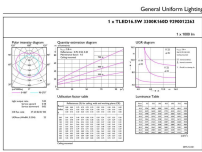
Energy Consumption kWh/1000 h	21 kWh
Product Data	
Order product name	MAS LEDtube HF 1200mm 16.5W833 T8 FOOD
Full product name	MASTER LEDtube HF 1200mm 16.5W833 T8 FOOD
Full product code	871869656616900
Order code	56616900
Material Nr. (12NC)	929001226302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696566169
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696566176

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1200mm 16.5W833 T8 FOOD	25.7 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

Photometric data

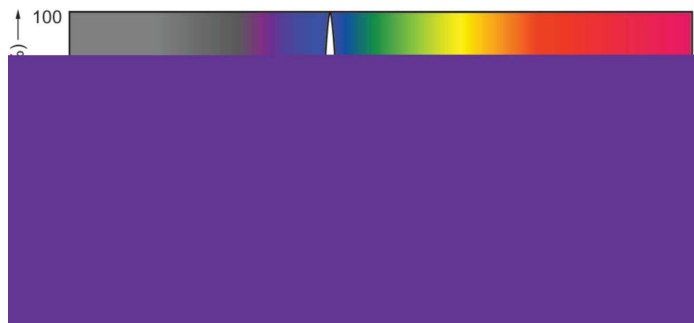


General uniform lighting - MAS LEDtube HF 1200mm 16.5W833 T8 FOOD

Light Distribution Diagram - MAS LEDtube HF 1200mm 16.5W833 T8 FOOD

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### Photometric data



Spectral Power Distribution Colour - MAS LEDtube HF 1200mm 16.5W833

T8 FOOD

