



MASTER LEDtube InstantFit HF T8

MAS LEDtube HF 1200mm UO 21W865 T8

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.

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 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,500 lm
Correlated Color Temperature (Nom)	6500 K
Color Consistency	<6
Color rendering index (CRI)	83

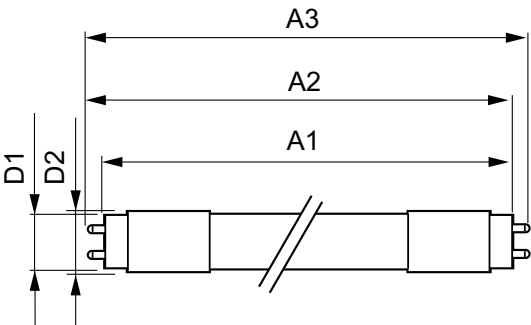
LLMF At End Of Nominal Lifetime (Nom) 70 %	
Operating and Electrical	
Line Frequency	25000-80000 Hz
Input Frequency	25000-80000 Hz
Power Consumption	21 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	50-100 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	45 °C

MASTER LEDtube InstantFit HF T8

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 KEMA Keur certificate RoHS compliance
Energy Consumption kWh/1000 h	25 kWh

Product Data	
Order product name	MAS LEDtube HF 1200mm UO 21W865 T8
Full product name	MAS LEDtube HF 1200mm UO 21W865 T8
Full product code	871869655280300
Order code	929001211202
Material Nr. (12NC)	929001211202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696552803
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696552810

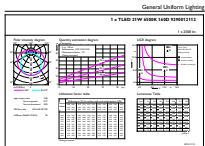
Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1200mm UO 21W865 T8	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

Photometric data

120° / 180° / 120°



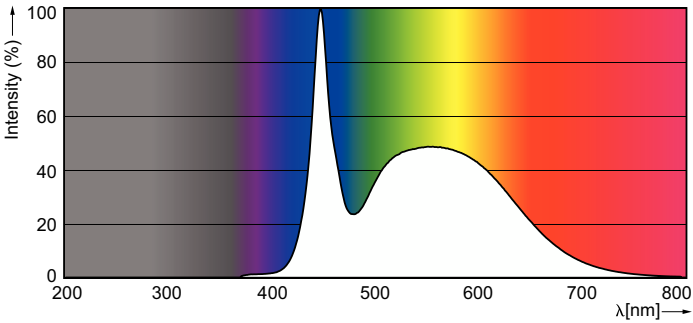
General uniform lighting

Light Distribution Diagram - MAS LEDtube HF 1200mm UO 21W865 T8

General uniform lighting - MAS LEDtube HF 1200mm UO 21W865 T8

MASTER LEDtube InstantFit HF T8

Photometric data



Spectral Power Distribution Colour - MAS LEDtube HF 1200mm UO 21W865 T8

