

MASTER LEDtube EM/ Mains

MAS LEDtube 1200mm UO 20W 830 T8 ROT

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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

Product data

• General Information

Cap-Base	G13 [G13 Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	50000 h
Switching Cycle B50L70	200000X 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
Luminous Efficacy (rated) (Nom)	128 lm/W
Color Consistency	6 steps
Color Rendering Index (Nom)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

• Operating and Electrical

Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	18 W
Lamp Current (Max)	82 mA
Lamp Current (Min)	75 mA
Starting Time (Nom)	0.5 s
Warm Up Time To 60% Light (Nom)	0.1 s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 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 (Nom)	55 °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
Energy Consumption kWh/1000 h	18 kWh

PHILIPS

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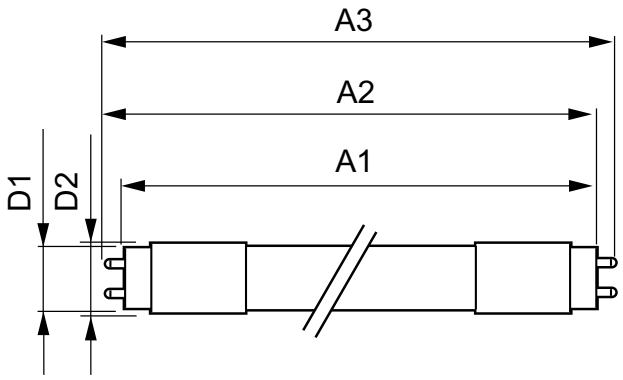
- Product Data

Full product code	871869646149500
Order product name	MAS LEDtube 1200mm UO 20W 830 T8 ROT
EAN/UPC - Product	8718696461495
Order code	929001148802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001148802
Net Weight (Piece)	0.270 kg

Warnings and Safety

- -

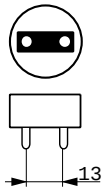
Dimensional drawing



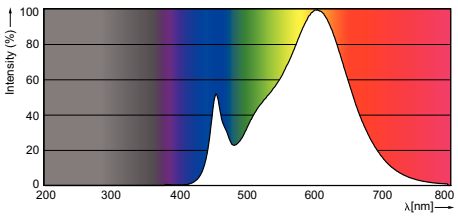
MASTER LEDtube HF, VLE, VALUE HF

LEDtube 1200mm UO 20W 830 T8 ROT

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm UO 18W 830 T8 RS	25.78 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm



Photometric data



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data subject to change