

MASTER LEDtube EM/ Mains

MAS LEDtube 1200mm UO 20W 840 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. This product is the ideal solution for up lamping in general lighting applications.

Benefits

• General Information

Cap base	G13 [G13]
Main application	Industrial
Nominal lifetime (nom.)	50000 h
B50L70	50000

• Light Technical

Beam Angle (Nom)	150 °
Lamp Luminous Flux 25°C EL (Nom)	2500 lm
Lamp Luminous Flux (Nom)	2500 lm
Rated beam angle	160 °
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	139 lm/W
Colour consistency	6 steps
Colour Rendering Index,horiz (Nom)	83
LLMF at end of nominal lifetime (nom.)	70 %

• Operating and Electrical

Input frequency	50-60 Hz
Power (Rated) (Nom)	20 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

• Product Data

Full product code	871869646151800

PHILIPS

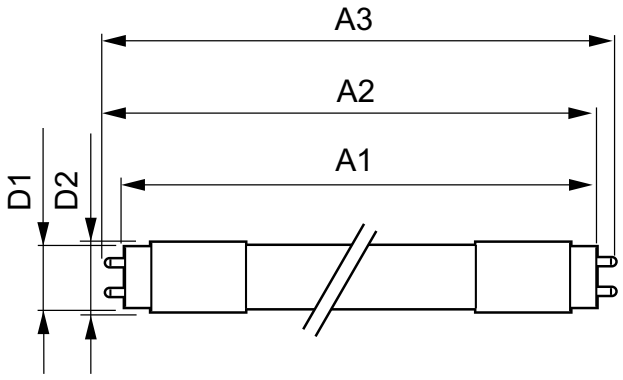
MASTER LEDtube EM/Mains

Order product name	MAS LEDtube 1200mm UO 20W 840 T8 ROT	Numerator – packs per outer box	10
EAN/UPC – product	8718696461518	Material no. (12NC)	929001148902
Order code	929001148902	Net weight (piece)	0.270 kg
Numerator – quantity per pack	1		

Warnings and Safety

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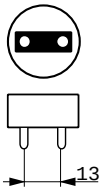
Dimensional drawing



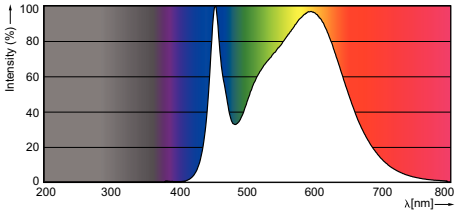
MASTER LEDtube HF, VLE, VALUE HF

LEDtube 1200mm UO 20W 840 T8 ROT

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm UO 18W 840 T8 RS	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm



Photometric data



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data subject to change