

MASTER LEDtube EM/ Mains

MAS LEDtube 1200mm HO 18W840 T8

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 [Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000X
B50L70	50000

• Light Technical

Colour Code	840 [CCT of 4000K (841)]
Beam Angle (Nom)	160 °
Luminous Flux (Rated) (Nom)	2100 lm
Rated Beam Angle	160 °
Colour Temperature, horizontal (Nom)	4000 K
Color Consistency	6 steps
Colour Rendering Index horiz (Nom)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

• Operating and Electrical

Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	18 W
Starting Time (Max)	0.5 s
Warm Up Time To 60% Light (Nom)	instant full light
Power Factor (Min)	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 (Max)	60 °C
T-Case Maximum (Nom)	60 °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	A+
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	18 kWh

• Product Data

Full product code	871869642200700
Order product name	MAS LEDtube 1200mm HO 18W840 T8

PHILIPS

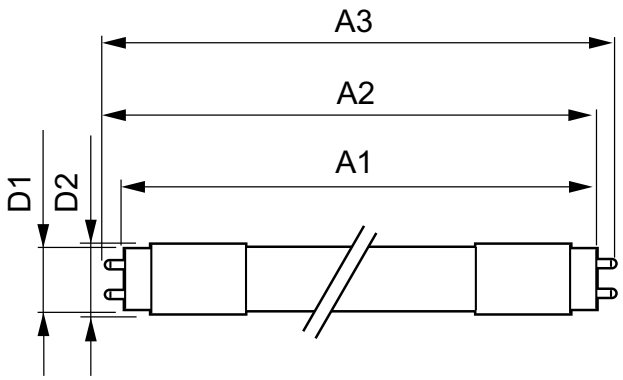
MASTER LEDtube EM/Mains

EAN/UPC - Product	8718696422007
Order code	42200700
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001126202
Net Weight (Piece)	0.270 kg

Warnings and Safety

- -

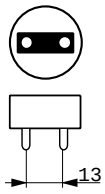
Dimensional drawing



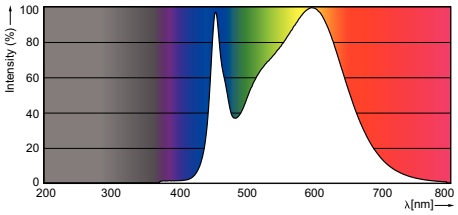
MASTER LEDtube HF, VLE, VALUE HF

LEDtube 1200mm HO 18W840 T8

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 16W840 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