



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1500mm HO 20W840 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]
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000X
B50L70	50000 h

Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux (Nom)	3100 lm
Luminous Flux (Rated) (Nom)	3100 lm
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
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)	20 W
Lamp Current (Max)	94 mA
Lamp Current (Min)	86 mA

Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	60 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	1500 mm

Approval and Application	
Energy Efficiency Label (EEL)	A++

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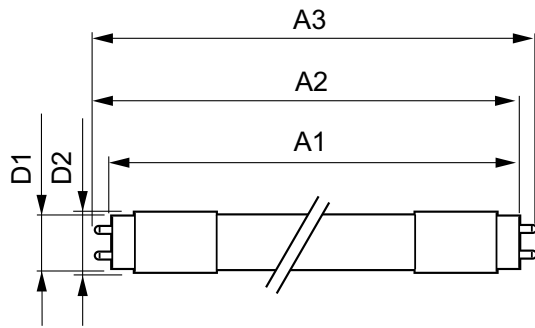
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh
Product Data	
Full product code	871869668714700
Order product name	MAS LEDtube 1500mm HO 20W840 T8

EAN/UPC - Product	8718696687147
Order code	929001298702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001298702
Net Weight (Piece)	0.310 kg

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.

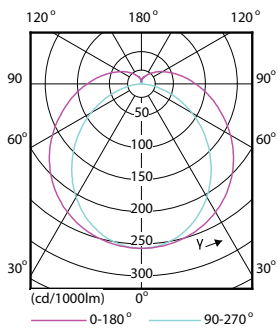
Dimensional drawing



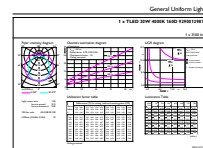
TLED 5ft 20W-58W 3100lm 160D 4000K G13ND

Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm HO 20W840 T8	25.78 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

Photometric data



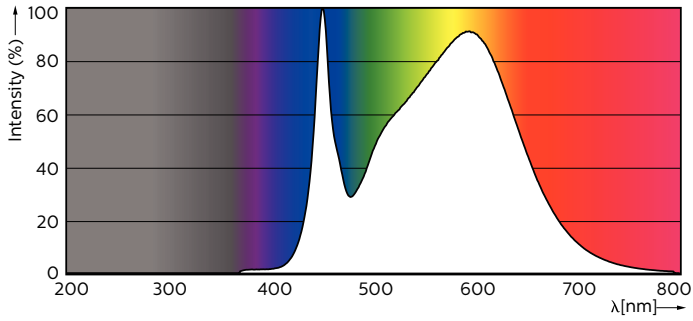
LEDtube 600mm 1200mm 1500mm UO T8



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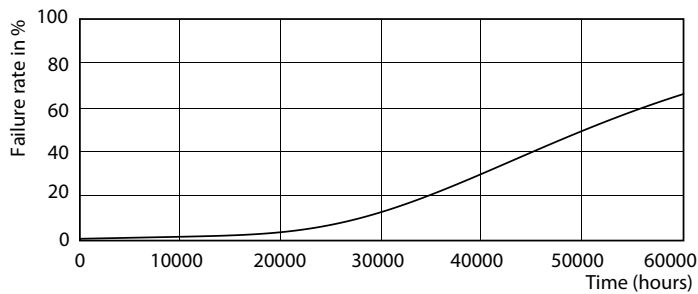
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Photometric data

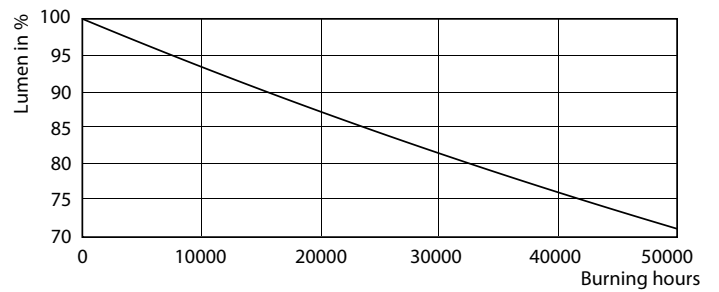


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Lifetime



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