PHILIPS

Lighting



MASTER LEDtube EM/Mains T8

MAS LEDtube 1500mm UO 25W 840 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 h

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	3700 lm
Luminous Flux (Rated) (Nom)	3700 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (Rated) (Nom)	148 lm/W
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)	25 W
Lamp Current (Max)	113 mA
Lamp Current (Min)	105 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

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Mechanical and Housing	
Product Length	1500 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	25 kWh

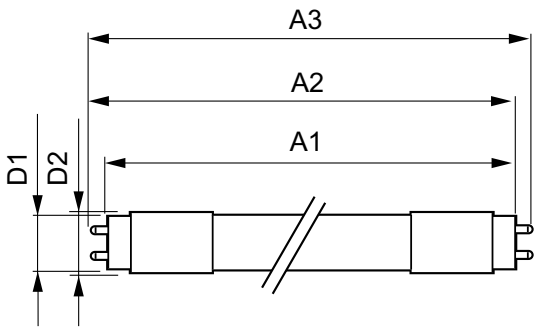
Product Data	
Full product code	871869646159400

Order product name	MAS LEDtube 1500mm UO 25W 840 T8
EAN/UPC - Product	8718696461594
Order code	929001149202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001149202
Net Weight (Piece)	0.450 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.

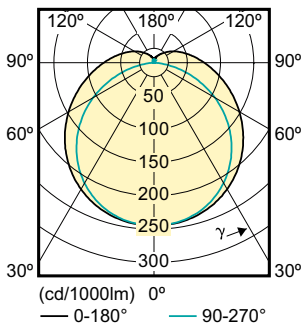
Dimensional drawing



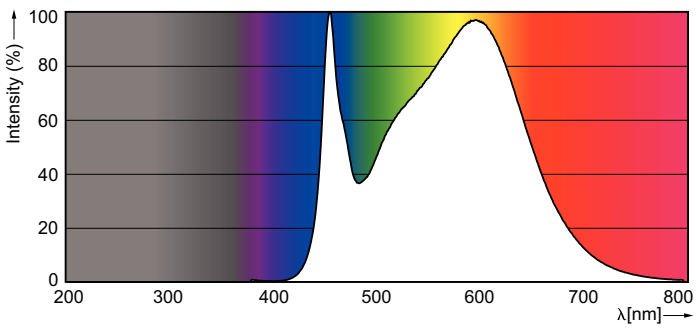
LEDtube 1500mm UO 25W 840 T8 ROT

Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm UO 25W 840 T8	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

Photometric data



LEDtube 1200 mm UO, 1500 mm UO, 1800 mm T8 ROT



LEDtube 1500 mm UO 25 W /840 T8 ROT



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