PHILIPS

Lighting



MASTER LEDtube EM/Mains T8

MAS LEDtube 600mm 9W 865 T8 RS

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	865 [CCT of 6500K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	1050 lm
Luminous Flux (Rated) (Nom)	1050 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (Rated) (Nom)	117 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)	9 W
Lamp Current (Max)	43 mA
Lamp Current (Min)	36 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)	-45 °C
T-Case Maximum (Nom)	55 °C

Controls and Dimming	
Dimmable	No

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Mechanical and Housing	
Product Length	600 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	9 kWh

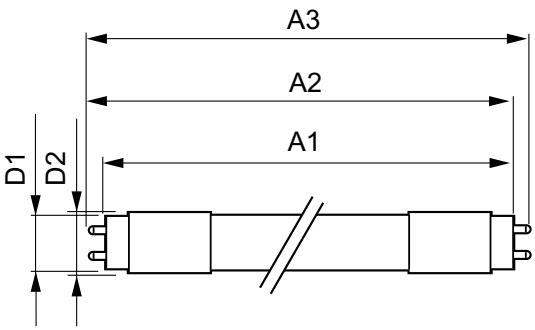
Product Data	
Full product code	871869646145700

Order product name	MAS LEDtube 600mm 9W 865 T8 RS
EAN/UPC - Product	8718696461457
Order code	929001149602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001149602
Net Weight (Piece)	0.150 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.

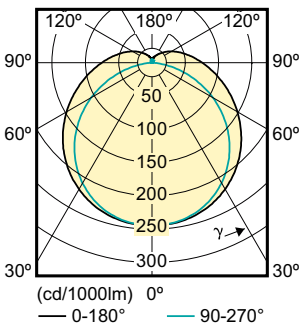
Dimensional drawing



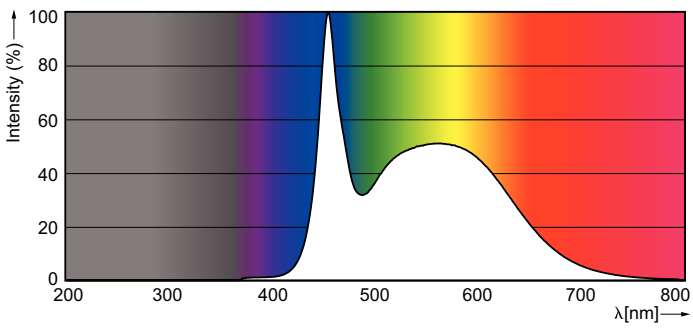
Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm 9W 865 T8 RS	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

LEDtube VLE 600mm 10W/865 T8 ROT

Photometric data



LEDtube VLE 600 mm 10 W T8 ROT



LEDtube VLE 600 mm 10 W /865 T8 ROT



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www.lighting.philips.com
2018, May 18 - data subject to change