

MASTER LEDtube EM/ Mains T8

MAS LEDtube 900mm 15W840 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. These T8 LED tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings thanks to low energy consumption and an exceptionally long lifetime ensure this tube masters every demanding application.

Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	1,575 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	15 W
Lamp Current (Max)	72 mA
Lamp Current (Min)	64 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	200-240 V

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Temperature	
Ambient temperature range	-20 °C to 35 °C
T-Case Maximum (Nom)	50 °C

Controls and Dimming	
Dimmable	No

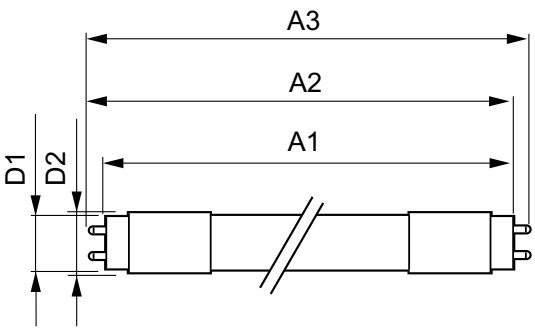
Mechanical and Housing	
Product Length	900 mm

Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking RoHS compliance KEMA Keur certificate

Energy Consumption kWh/1000 h	15 kWh

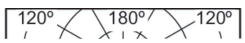
Product Data	
Order product name	MAS LEDtube 900mm 15W840 T8 RS
Full product name	MAS LEDtube 900mm 15W840 T8 RS
Full product code	871829123880500
Order code	929000295401
Material Nr. (12NC)	929000295401
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291238805
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291238812

Dimensional drawing

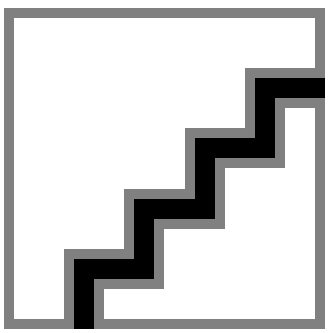


Product	D1	D2	A1	A2	A3
MAS LEDtube 900mm 15W840 T8 RS	25.68 mm	28 mm	893.3 mm	900.4 mm	907.5 mm

Photometric data



Light Distribution Diagram - MAS LEDtube 900mm 15W840 T8 RS



Spectral Power Distribution Colour - MAS LEDtube 900mm 15W840 T8 RS

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2023, December 6 - data subject to change