



MASTER LEDtube EM/ Mains T8

MAS LEDtube 600mm HO VWV 10W 840 T8 GM

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	60,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	190 degree(s)
Luminous Flux	1,050 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	105 lm/W
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	10 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	100-277 V

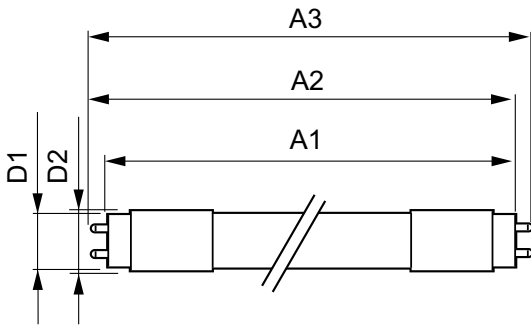
Temperature	
Ambient temperature range	-20 °C to 45 °C

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T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	600 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate KEMA Keur certificate

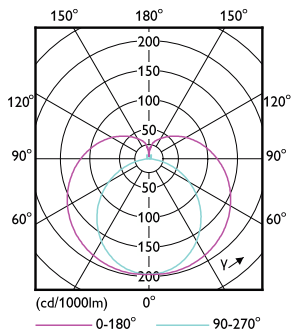
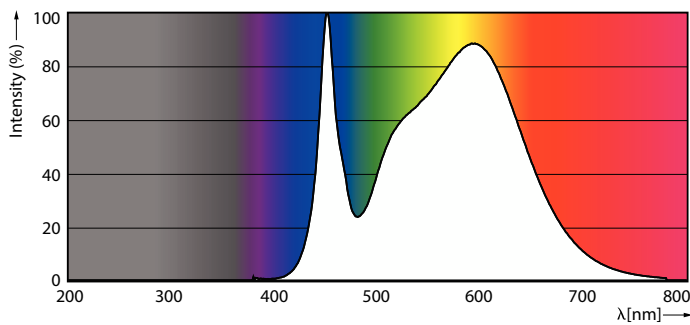
EU RoHS compliant	Yes
Product Data	
Full product code	871951446937200
Order product name	MAS LEDtube 600mm HO VWV 10W 840 T8 GM
Order code	929003558108
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material number (12NC)	929003558108
Full product name	MAS LEDtube 600mm HO VWV 10W 840 T8 GM
EAN/UPC - Case	8719514469389

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm HO VWV 10W 840 T8 GM	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data

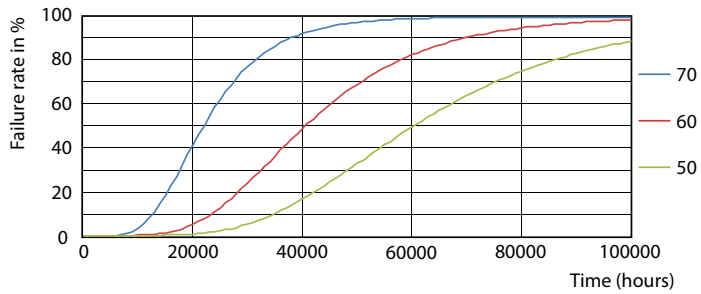


Spectral Power Distribution Colour

Light Distribution Diagram

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Lifetime



Life Expectancy Diagram - MAS LEDtube 600mm HO VWV 10W 840 T8 GM

