



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm 17W 840 T8 I W G

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

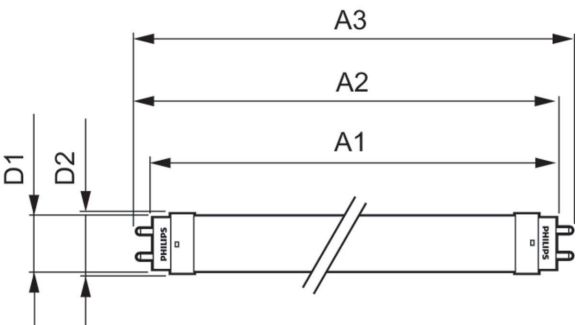
General Information		LLMF At End Of Nominal Lifetime (Nom) 70 %	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		
Nominal lifetime	50,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Luminous Flux	2,100 lm	Input Frequency	50 to 60 Hz
Correlated Color Temperature (Nom)	4000 K	Power Consumption	17 W
Color Consistency	<6	Lamp Current (Max)	135 mA
Color rendering index (CRI)	80	Lamp Current (Min)	60 mA
		Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	120-277 V

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Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,200 mm
Approval and Application	
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance KEMA Keur certificate

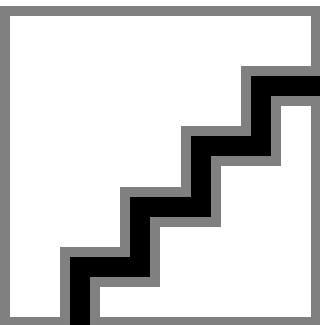
Product Data	
Order product name	MAS LEDtube 1200mm 17W 840 T8 I W G
Full product name	MAS LEDtube 1200mm 17W 840 T8 I W G
Full product code	871869676062800
Order code	929001805912
Material Nr. (12NC)	929001805912
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696760628
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696760635

Dimensional drawing

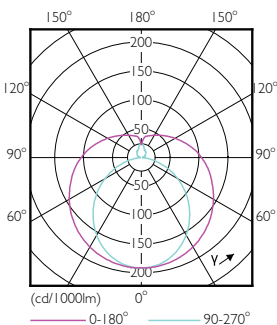


Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm 17W 840 T8 I W G	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data



General uniform lighting - MAS LEDtube 1200mm 17W 840 T8 I W G



Light Distribution Diagram - MAS LEDtube 1200mm 17W 840 T8 I W G

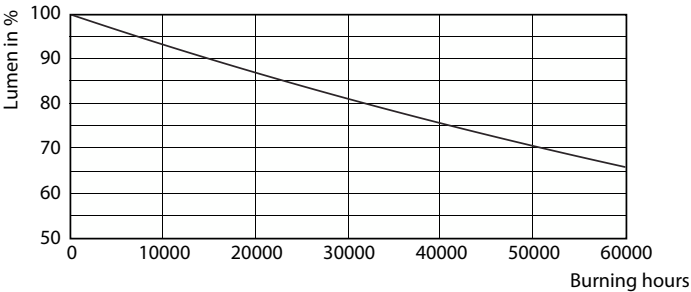
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Photometric data

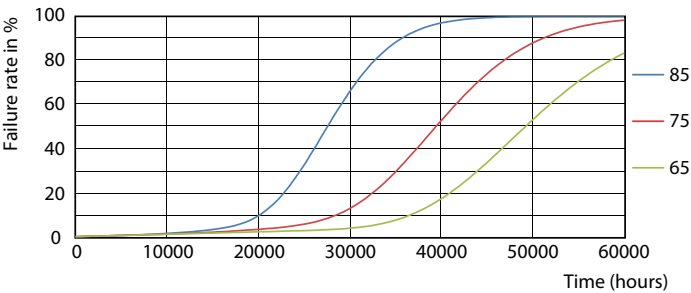


Spectral Power Distribution Colour - MAS LEDtube 1200mm 17W 840 T8 I W G

Lifetime

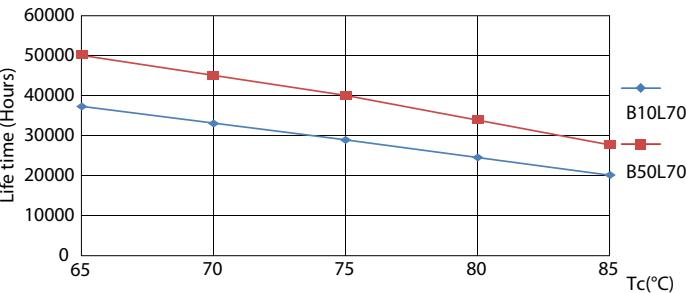


Lumen Maintenance Diagram - MAS LEDtube 1200mm 17W 840 T8 I W G



Life Expectancy Diagram - MAS LEDtube 1200mm 17W 840 T8 I W G

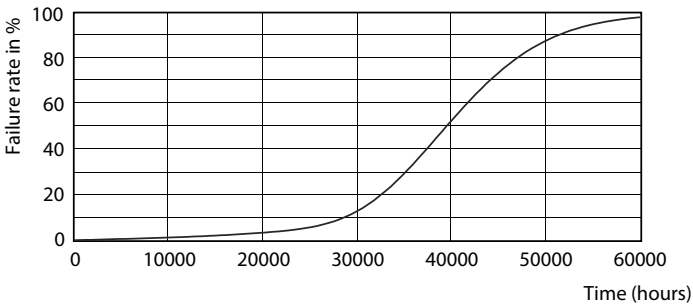
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Lifetime



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