

MASTER LEDtube EM/ Mains T8



MAS LEDtube DC72-110V 450mm 6W 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. 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

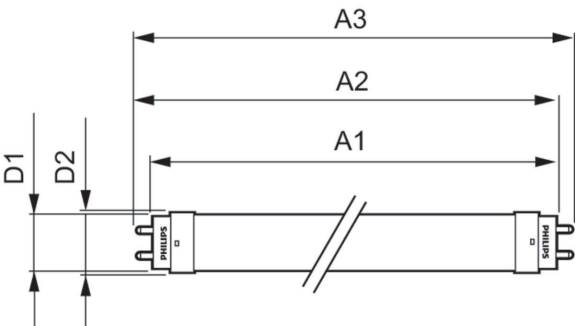
General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	141.00 lm/W	
Nominal lifetime	50,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom) 70 %	
Flux measurement reference	Sphere	Operating and Electrical	
EU RoHS compliant	Yes	Line Frequency	- Hz
Light Technical		Input Frequency	- Hz
Color Code	840 [CCT of 4000K]	Power Consumption	6 W
Beam Angle (Nom)	240 degree(s)	Lamp Current (Max)	85 mA
Luminous Flux	850 lm	Lamp Current (Min)	57 mA
Color Designation	Cool White (CW)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	4000 K	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9

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Voltage (Nom)	72-110 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	500 mm
Bulb Shape	T8
Approval and Application	
Energy Efficiency Class	E
Energy Saving Product	Yes

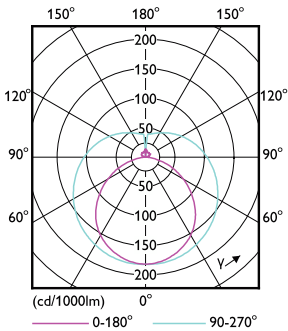
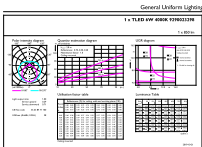
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	6 kWh
EPREL Registration Number	491847
Product Data	
Order product name	MAS LEDtube DC72-110V 450mm 6W 840 T8
Full product name	MAS LEDtube DC72-110V 450mm 6W 840 T8
Full product code	871869973687300
Order code	929002329802
Material Nr. (12NC)	929002329802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699736873
Numerator - Packs per outer box	20
EAN/UPC - Case	8718699736873

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube DC72-110V 450mm 6W 840 T8	25.7 mm	28 mm	437 mm	442 mm	452 mm

Photometric data

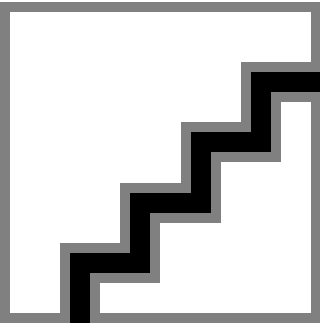


General uniform lighting - MAS LEDtube DC72-110V 450mm 6W 840 T8

Light Distribution Diagram - MAS LEDtube DC72-110V 450mm 6W 840 T8

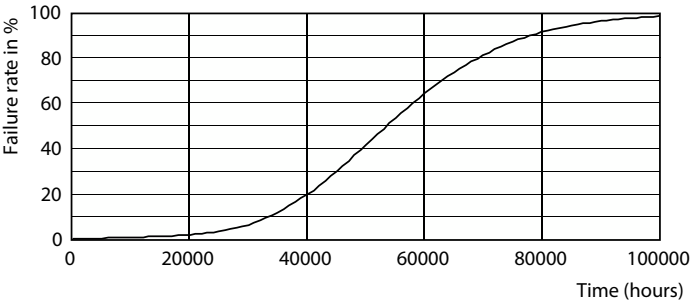
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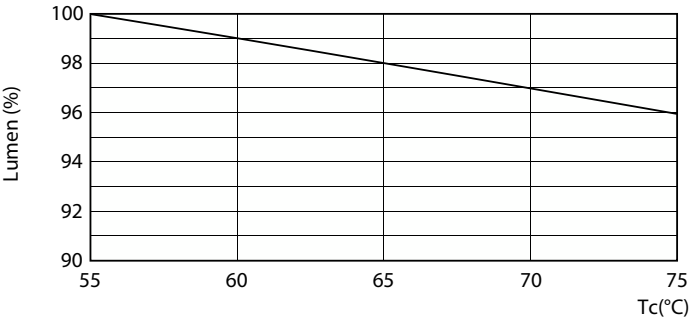


Spectral Power Distribution Colour - MAS LEDtube DC72-110V 450mm 6W 840 T8

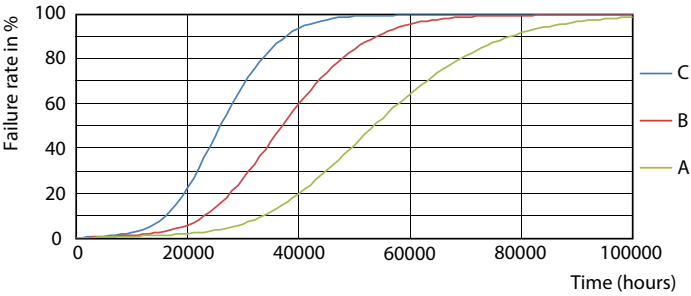
Lifetime



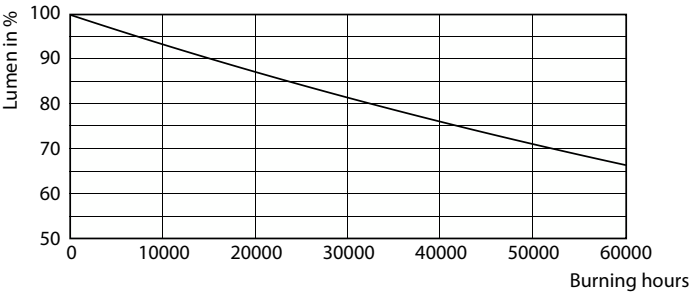
Life Expectancy Diagram - MAS LEDtube DC72-110V 450mm 6W 840 T8



Lumen Maintenance Diagram - MAS LEDtube DC72-110V 450mm 6W 840 T8



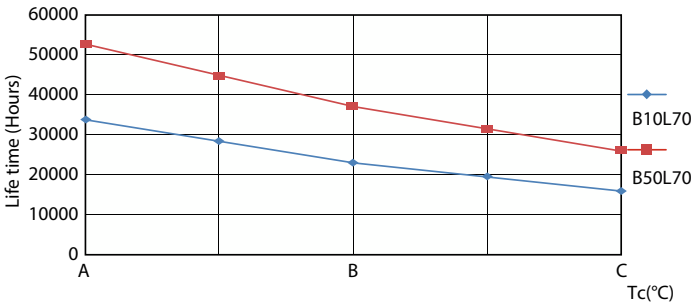
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