



MASTER Value LED tube EM/Mains T8

MAS LEDtube VLE 600mm HO 8W 840 T8

MASTER Value, LEDtube, T8, EM/Mains, Single-end, 600 mm, 220-240 V, 8 W, 18W TL-D, 4000 K, 1050 lm, 60000 hour(s)

A high-performance LED solution, the professional MASTER Value LED tube is ideal for replacing T8 fluorescent lamps using EM ballast or installing directly on the mains. This product provides an optimal combination of value and performance – for use in all general lighting, office, industry, retail, and hospitality applications. The unique design of this LED T8 tube light offers wide compatibility, safety and fast installation, as well as instant energy savings.

Product data

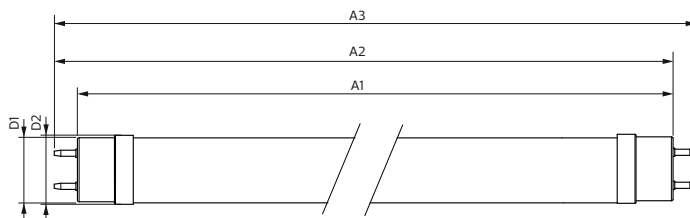
General Information		LLMF At End Of Nominal Lifetime (Nom)	
Cap-Base	G13		70 %
Nominal lifetime	60,000 hour(s)	Photobiological safety according to EN 62471 RGO	
Switching Cycle	200,000		
Lighting Technology	LEDtube		
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	240 degree(s)	Power Consumption	8 W
Luminous Flux	1,050 lm	Lamp Current (Nom)	39 mA
Color Designation	Cool White (CW)	Wattage Equivalent	18 W
Correlated Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.5 s
Luminous Efficacy (rated) (Nom)	131 lm/W	Warm-up time to 60% light	0.5 s
Color Consistency	<6	Power Factor (Fraction)	0.9
Color rendering index (CRI)	83	Voltage (Nom)	220-240 V
		LED alternative to fluorescent lamp power	18W TL-D
		Ballast Compatibility	EM/Mains

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Temperature	
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	T8
Net Weight (Piece)	0.090 kg
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
EU RoHS compliant	Yes

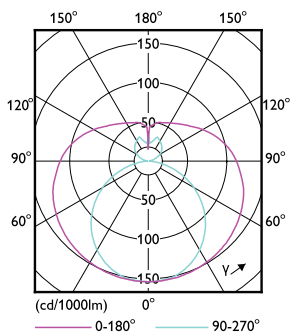
Ambient temperature range	-20 to +45 °C
Product Data	
Order product name	MAS LEDtube VLE 600mm HO 8W 840 T8
Full product name	MAS LEDtube VLE 600mm HO 8W 840 T8
Full product code	872016934162300
Order code	929003069968
Material Nr. (12NC)	929003069968
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169341623
Numerator - Packs per outer box	20
EAN/UPC - Case	8720169341630

Dimensional drawing

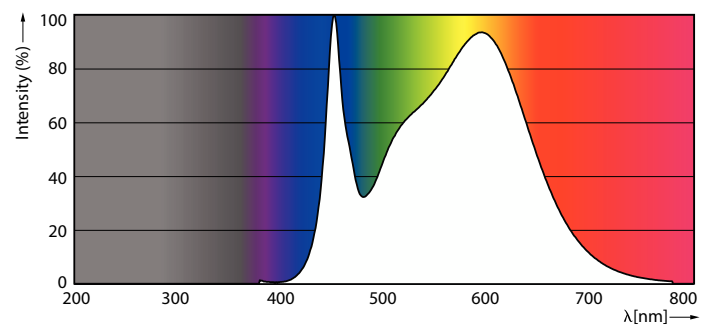


Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 600mm HO 8W 840 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data



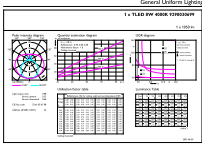
Light Distribution Diagram - MAS LEDtube VLE 600mm HO 8W 840 T8



Spectral Power Distribution Colour - MAS LEDtube VLE 600mm HO 8W 840 T8

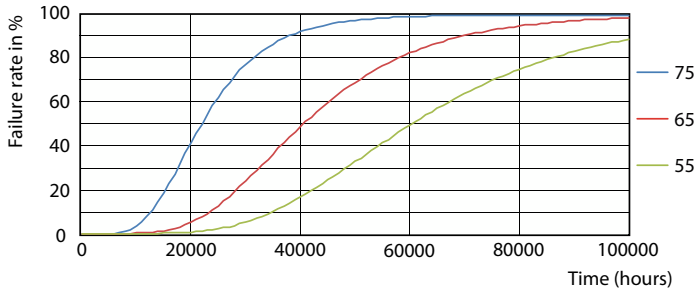
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Photometric data

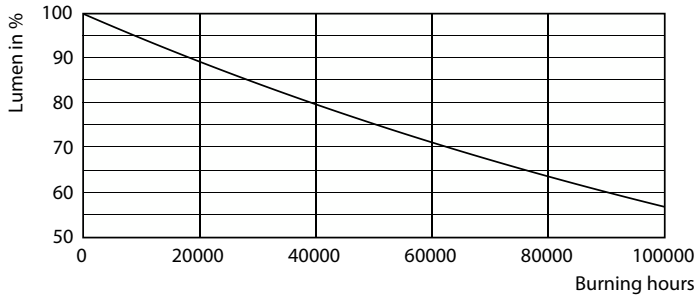


General uniform lighting - MAS LEDtube VLE 600mm HO 8W 840 T8

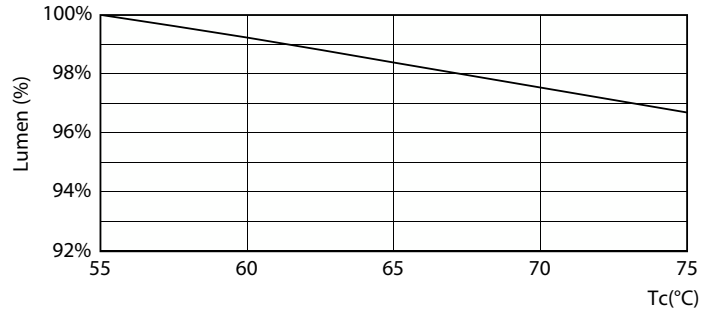
Lifetime



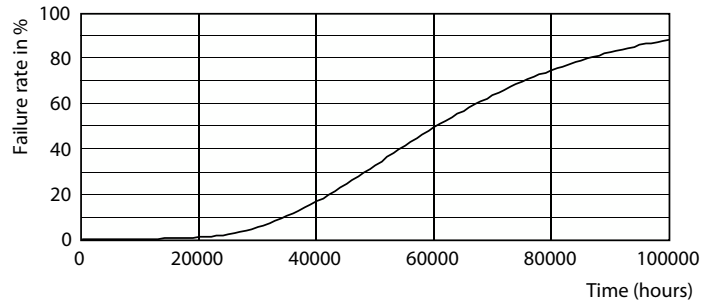
FailureRate



Lumen Maintenance Diagram - MAS LEDtube VLE 600mm HO 8W 840 T8



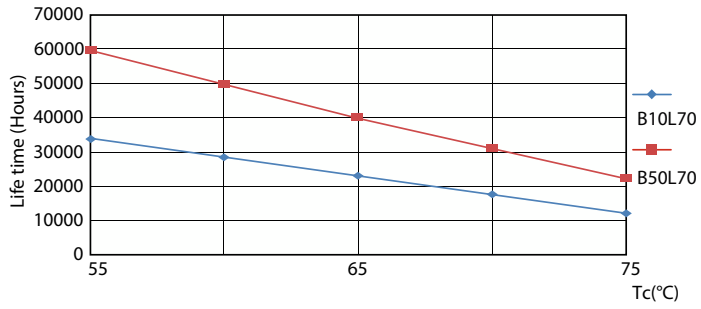
Lumen Maintenance Diagram - MAS LEDtube VLE 600mm HO 8W 840 T8



Life Expectancy Diagram

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Lifetime



LifetimeVsTc

