



MASTER Value LEDtube T8

MAS LEDtube VLE 1200mm UO 16W 830 T8

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		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	200,000	Power Consumption	16 W
Lighting Technology	LED	Lamp Current (Max)	75 mA
EU RoHS compliant	Yes	Lamp Current (Min)	68 mA
Light Technical		Starting Time (Nom)	0.5 s
Color Code	830 [CCT of 3000K]	Warm-up time to 60% light	0.5 s
Beam Angle (Nom)	240 degree(s)	Power Factor (Fraction)	0.9
Luminous Flux	2,300 lm	Voltage (Nom)	220-240 V
Color Designation	White (WH)	Temperature	
Correlated Color Temperature (Nom)	3000 K	Ambient temperature range	-20 °C to 45 °C
Luminous Efficacy (rated) (Nom)	143.00 lm/W	T-Case Maximum (Nom)	55 °C
Color Consistency	<6	Controls and Dimming	
Color rendering index (CRI)	83	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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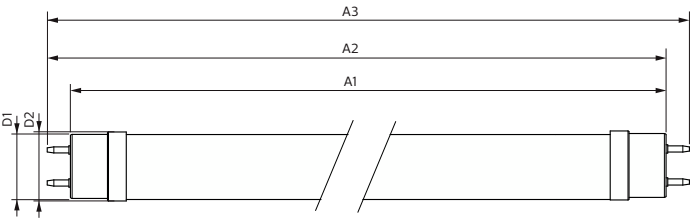
Mechanical and Housing	
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8

Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh

Product Data	
Order product name	MAS LEDtube VLE 1200mm UO 16W 830 T8

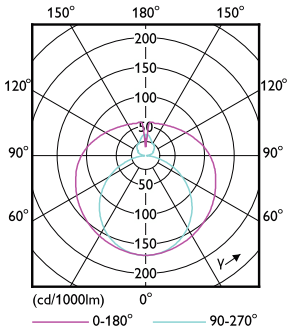
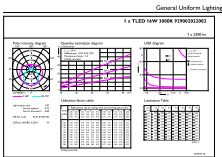
Full product name	MAS LEDtube VLE 1200mm UO 16W 830 T8
Full product code	871869964697400
Order code	929002022002
Material Nr. (12NC)	929002022002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699646974
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699646981

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1200mm UO 16W 830 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Photometric data

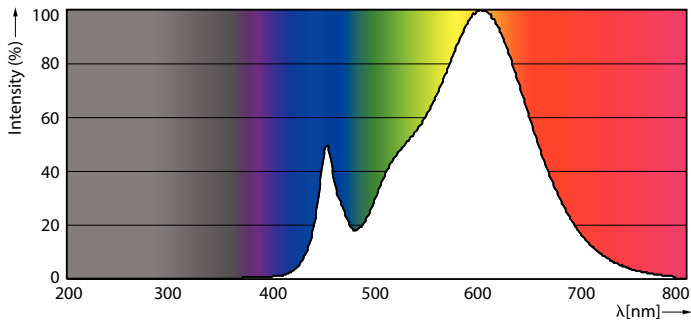


General uniform lighting - MAS LEDtube VLE 1200mm UO 16W 830 T8

Light Distribution Diagram - MAS LEDtube VLE 1200mm UO 16W 830 T8

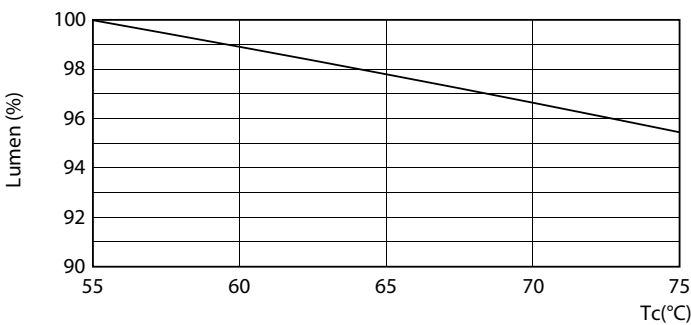
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Photometric data

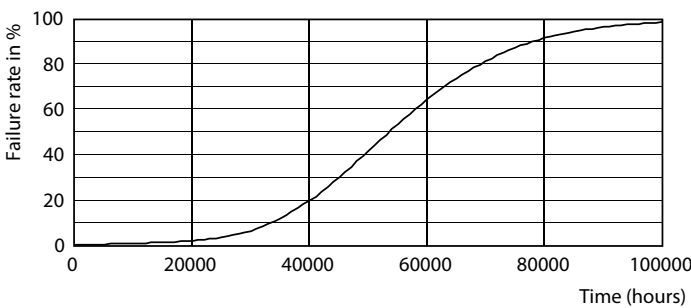


Spectral Power Distribution Colour - MAS LEDtube VLE 1200mm UO 16W 830 T8

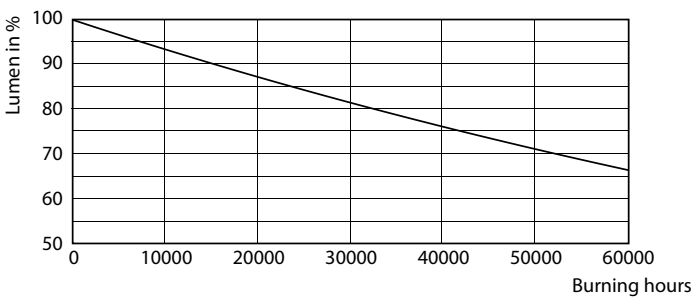
Lifetime



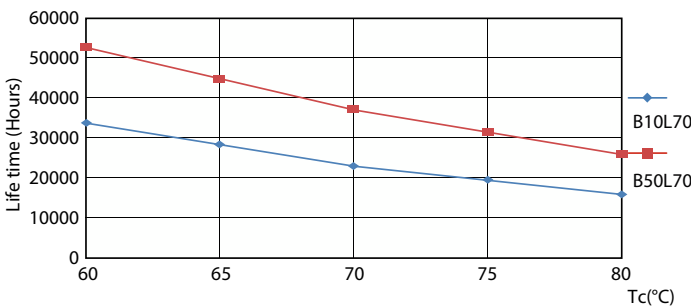
Lumen Maintenance Diagram - MAS LEDtube VLE 1200mm UO 16W 830 T8



Life Expectancy Diagram - MAS LEDtube VLE 1200mm UO 16W 830 T8



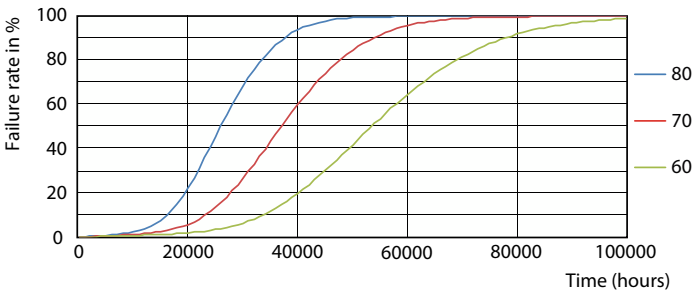
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Life Expectancy Diagram - MAS LEDtube VLE 1200mm UO 16W 830 T8

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Lifetime



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