



# MASTER Value LEDtube T8

## MAS LEDtube VLE 1500mm HO 20.5W 865 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

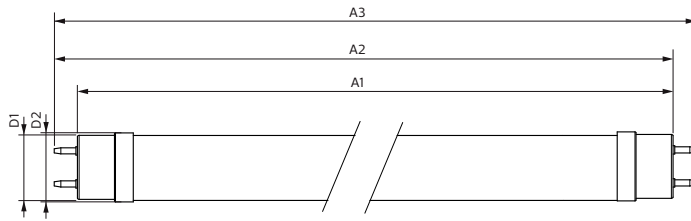
General Information		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	50 to 60 Hz
Nominal lifetime	60,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	200,000	Power Consumption	20.5 W
Lighting Technology	LED	Starting Time (Nom)	0.5 s
Flux measurement reference	Sphere	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	865 [CCT of 6500K]	Ambient temperature range	-20 °C to 45 °C
Beam Angle (Nom)	190 degree(s)	T-Case Maximum (Nom)	65 °C
Luminous Flux	3,100 lumen		
Color Designation	Cool Daylight	Controls and Dimming	
Correlated Color Temperature (Nom)	6500 K	Dimmable	No
Luminous Efficacy (rated) (Nom)	151 lm/W		
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	80	Bulb Finish	Frosted
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Material	Glass

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Product Length	1,500 mm
Bulb Shape	Tube, double-ended
<b>Approval and Application</b>	
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	21 kWh
EPREL Registration Number	1,095,870
CE mark	Yes
EU RoHS compliant	Yes

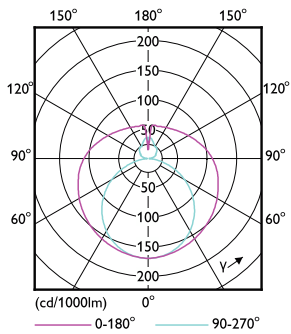
<b>Product Data</b>	
Full product code	871869964695000
Order product name	MAS LEDtube VLE 1500mm HO 20.5W 865 T8
Order code	929002021902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929002021902
Full product name	MAS LEDtube VLE 1500mm HO 20.5W 865 T8
EAN/UPC - Case	8718699646967

## Dimensional drawing

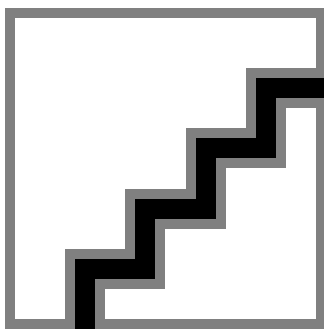


Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1500mm HO 20.5W 865 T8	25.8 mm	28 mm	1,498.7 mm	1,505.8 mm	1,512.9 mm

## Photometric data



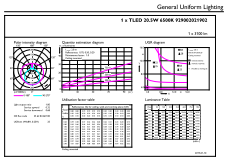
Light Distribution Diagram - MAS LEDtube VLE 1500mm HO 20.5W 865 T8



Spectral Power Distribution Colour - MAS LEDtube VLE 1500mm HO 20.5W 865 T8

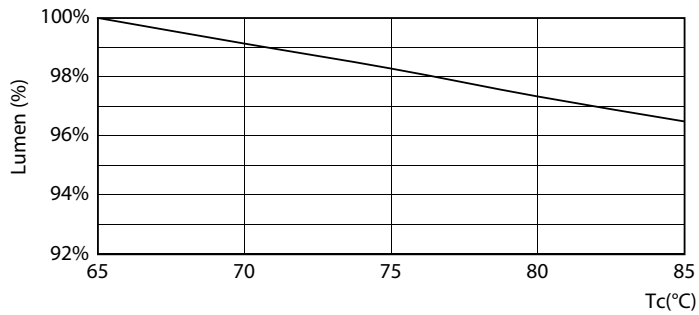
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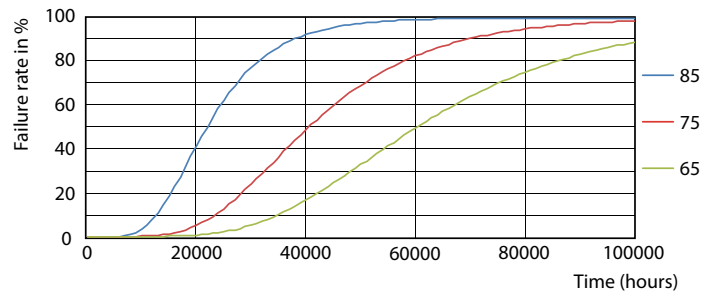


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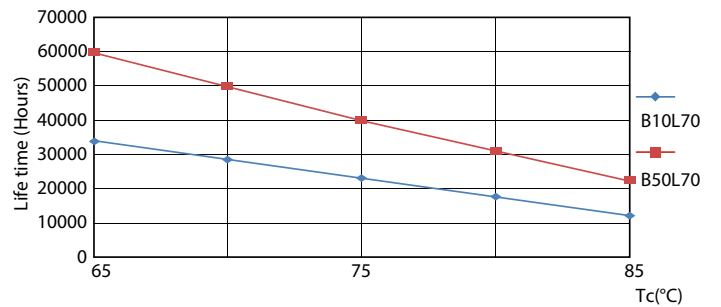
## Lifetime



Lumen Maintenance Diagram - MAS LEDtube VLE 1500mm HO 20.5W 865 T8



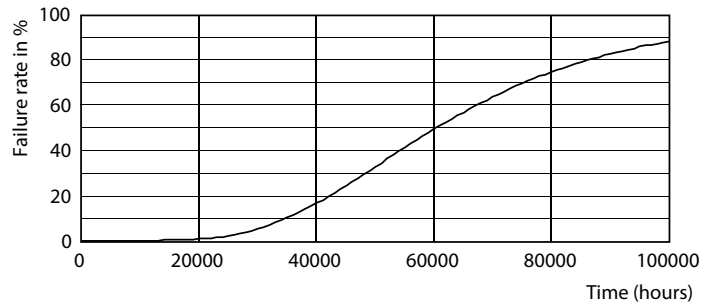
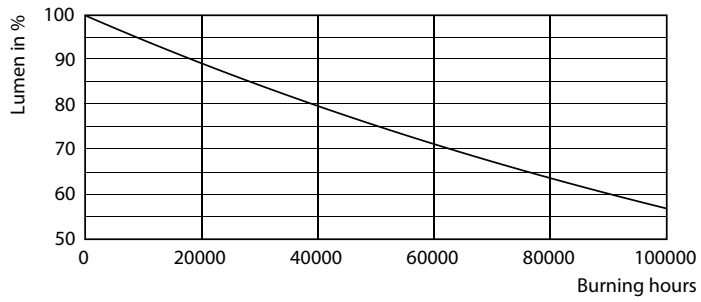
Life Expectancy Diagram - MAS LEDtube VLE 1500mm HO 20.5W 865 T8



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Life Expectancy Diagram - MAS LEDtube VLE 1500mm HO 20.5W 865 T8

