



# MASTER Value LEDtube T8

## MAS LEDtube VLE 600mm HO 8W 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

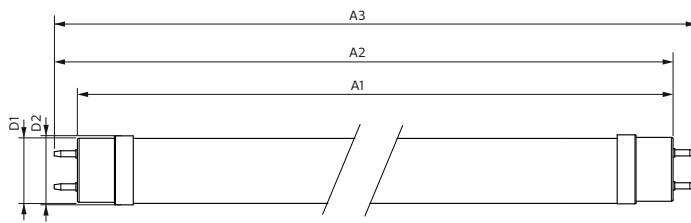
General Information		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	200,000	Power Consumption	8 W
Lighting Technology	LED	Lamp Current (Nom)	39 mA
EU RoHS compliant	Yes	Starting Time (Nom)	0.5 s
		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)	240 degree(s)	T-Case Maximum (Nom)	55 °C
Luminous Flux	1,050 lumen		
Color Designation	Cool Daylight	Controls and Dimming	
Correlated Color Temperature (Nom)	6500 K	Dimmable	No
Luminous Efficacy (rated) (Nom)	131.00 lm/W		
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	83	Bulb Finish	Frosted
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Bulb Material	Glass
Product Length	600 mm
Bulb Shape	Tube, double-ended
<b>Approval and Application</b>	
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
<b>Product Data</b>	
Full product code	871951435072400

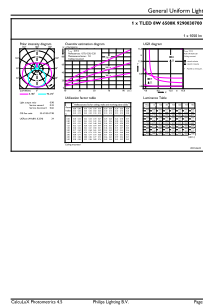
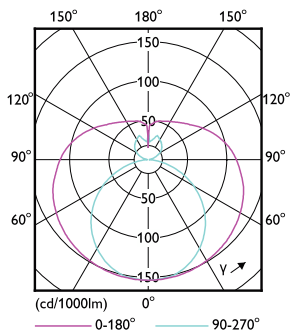
Order product name	MAS LEDtube VLE 600mm HO 8W 865 T8
Order code	929003070008
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003070008
Full product name	MAS LEDtube VLE 600mm HO 8W 865 T8
EAN/UPC - Case	8719514350731
EAN/UPC - Product/Case	8719514350724

## Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 600mm HO 8W 865 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

## Photometric data

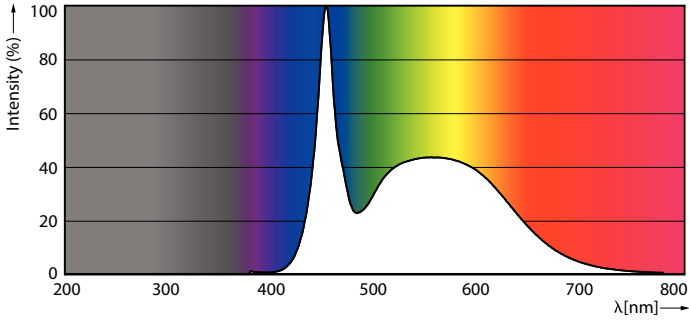


Light Distribution Diagram - MAS LEDtube VLE 600mm HO 8W 865 T8

General uniform lighting - MAS LEDtube VLE 600mm HO 8W 865 T8

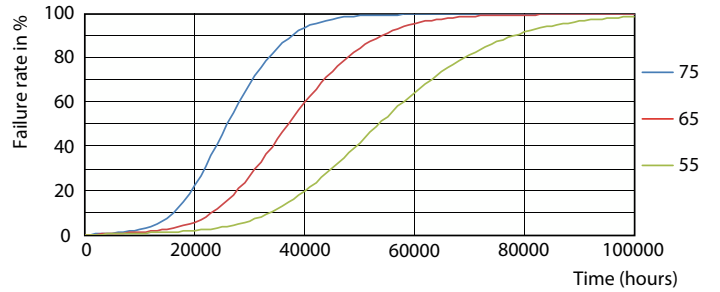
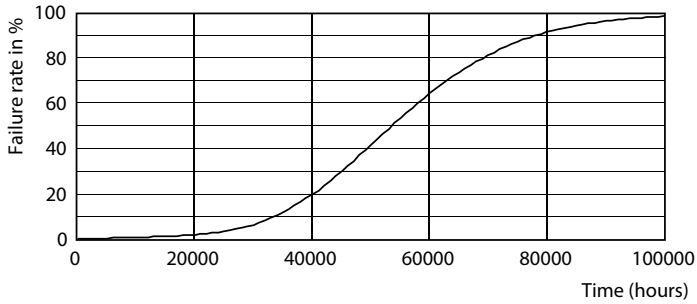
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## Photometric data



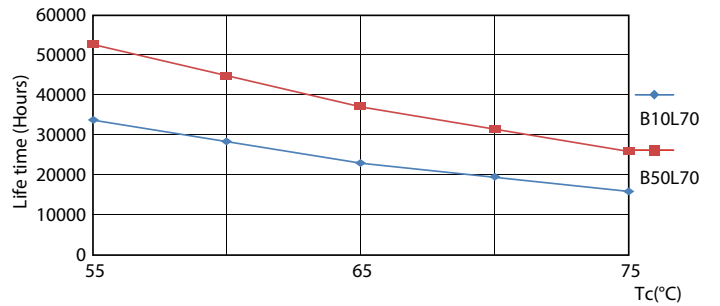
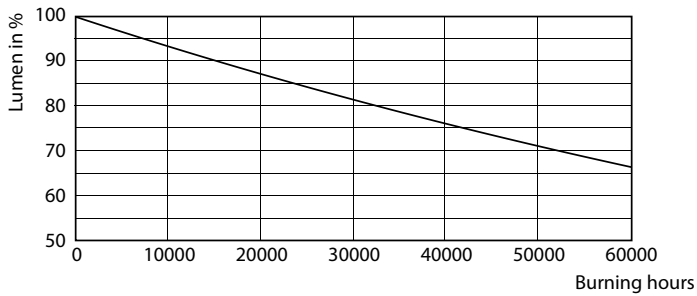
Spectral Power Distribution Colour - MAS LEDtube VLE 600mm HO 8W 865 T8

## Lifetime



Life Expectancy Diagram - MAS LEDtube VLE 600mm HO 8W 865 T8

Life Expectancy Diagram

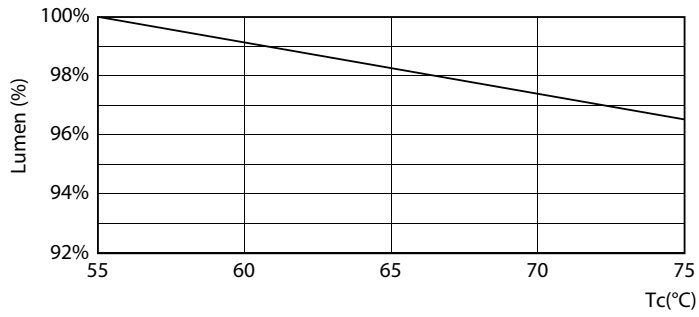


Lumen Maintenance Diagram - MAS LEDtube VLE 600mm HO 8W 865 T8

Life Expectancy Diagram

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## Lifetime



Lumen Maintenance Diagram - MAS LEDtube VLE 600mm HO 8W 865 T8

