

# MASTER Value LEDtube T8

## MAS LEDtube VLE 600mm HO 8W 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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	1,000 lumen
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	125.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	8 W
Lamp Current (Nom)	39 mA
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

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

# MASTER Value LEDtube T8

Bulb Material	Glass
Product Length	600 mm
Bulb Shape	Tube, double-ended

## Approval and Application

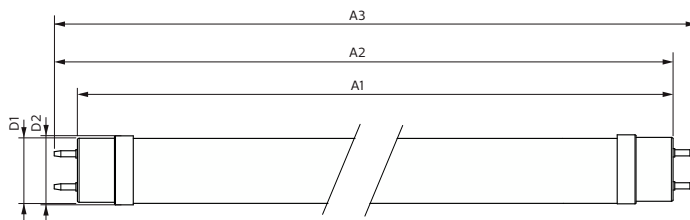
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate

## Product Data

Full product code	871951435068700
-------------------	-----------------

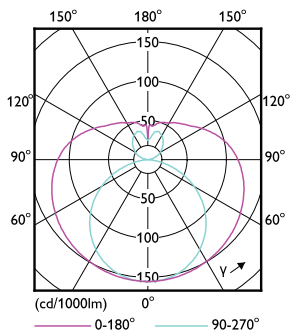
Order product name	MAS LEDtube VLE 600mm HO 8W 830 T8
Order code	929003069808
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003069808
Full product name	MAS LEDtube VLE 600mm HO 8W 830 T8
EAN/UPC - Case	8719514350694

## Dimensional drawing

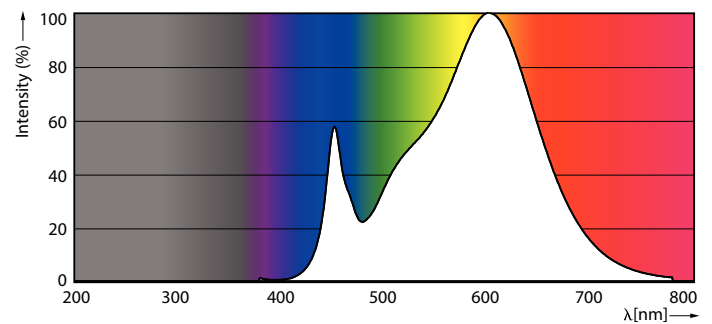


Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 600mm HO 8W 830 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

## Photometric data



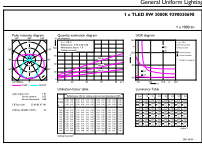
Light Distribution Diagram - MAS LEDtube VLE 600mm HO 8W 830 T8



Spectral Power Distribution Colour - MAS LEDtube VLE 600mm HO 8W 830 T8

# MASTER Value LEDtube T8

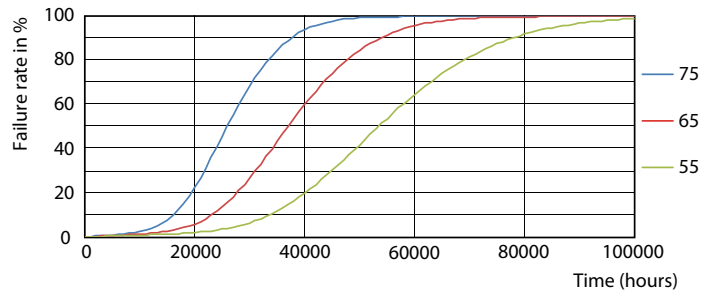
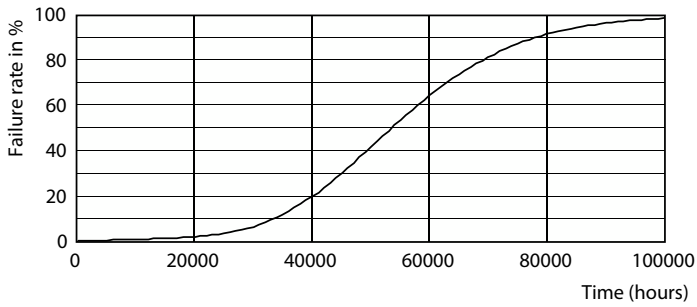
## Photometric data



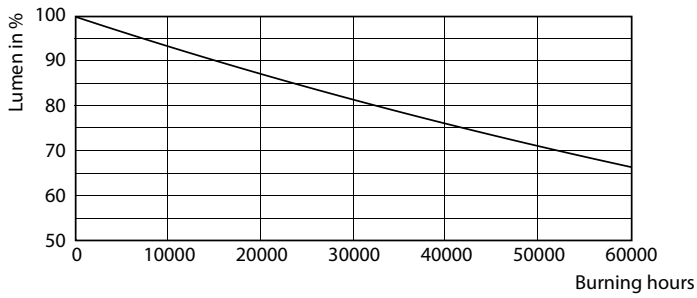
General uniform lighting - MAS LEDtube VLE 600mm HO 8W 830 T8

General uniform lighting - MAS LEDtube VLE 600mm HO 8W 830 T8

## Lifetime

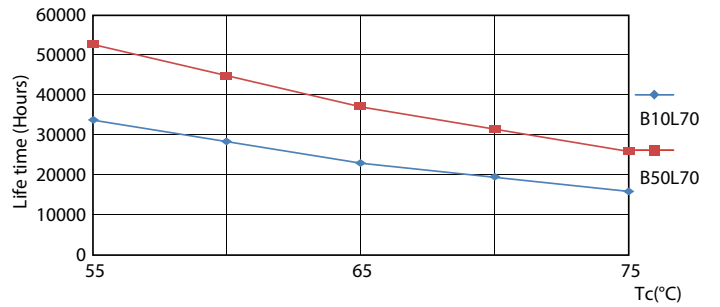


Life Expectancy Diagram - MAS LEDtube VLE 600mm HO 8W 830 T8



Lumen Maintenance Diagram - MAS LEDtube VLE 600mm HO 8W 830 T8

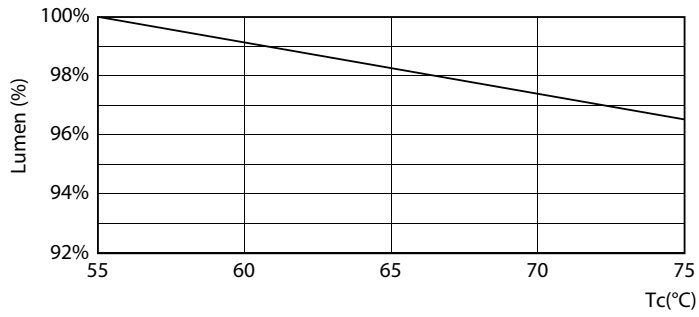
Life Expectancy Diagram



Life Expectancy Diagram

# MASTER Value LEDtube T8

## Lifetime



Lumen Maintenance Diagram - MAS LEDtube VLE 600mm HO 8W 830 T8

