



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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	60,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	190 degree(s)
Luminous Flux	1,050 lumen
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	131 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
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
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

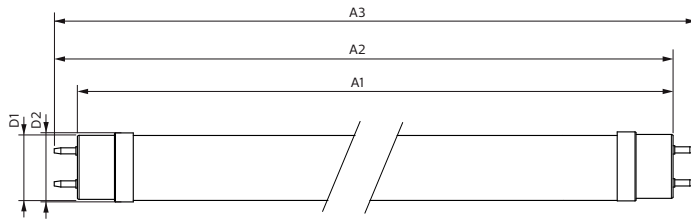
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass

MASTER Value LEDtube T8

Product Length	600 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	1,095,864
CE mark	Yes
EU RoHS compliant	Yes

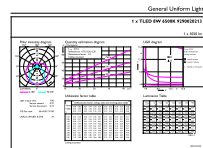
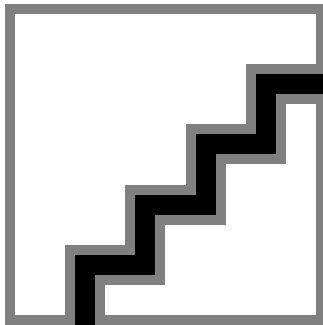
Product Data	
Full product code	871869964683700
Order product name	MAS LEDtube VLE 600mm HO 8W 865 T8
Order code	929002021302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929002021302
Full product name	MAS LEDtube VLE 600mm HO 8W 865 T8
EAN/UPC - Case	8718699646844

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

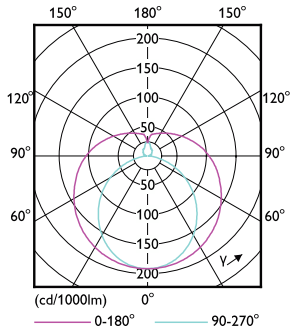
Photometric data



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

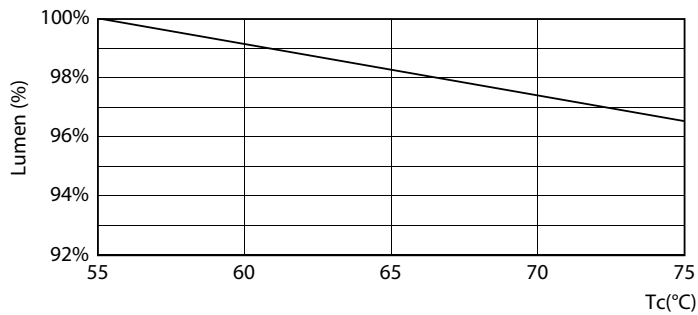
MASTER Value LEDtube T8

Photometric data

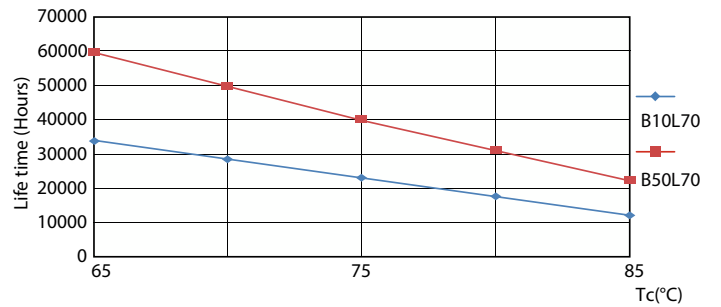


Light Distribution Diagram - MAS LEDtube VLE 600mm HO 8W 865 T8

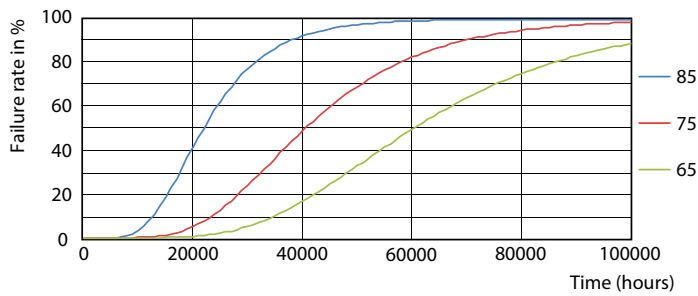
Lifetime



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



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



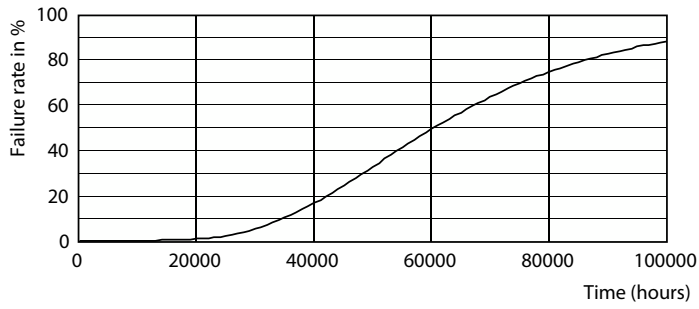
Life Expectancy Diagram - MAS LEDtube VLE 600mm HO 8W 865 T8



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

MASTER Value LEDtube T8

Lifetime



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

