



MASTER Value LEDtube T8

MAS LEDtube VLE 1200mm HO 14W 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

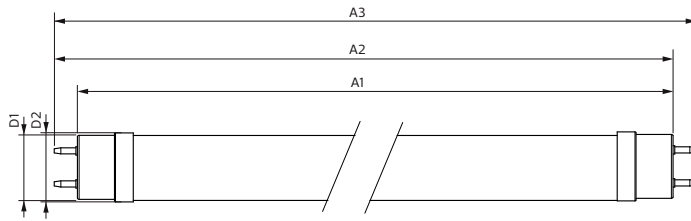
General Information		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	50 to 60 Hz
Nominal lifetime	60,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	200,000	Power Consumption	14 W
Lighting Technology	LED	Starting Time (Nom)	0.5 s
Flux measurement reference	Sphere	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	830 [CCT of 3000K]	Ambient temperature range	-20 °C to 45 °C
Beam Angle (Nom)	190 degree(s)	T-Case Maximum (Nom)	60 °C
Luminous Flux	2,000 lumen		
Color Designation	White (WH)	Controls and Dimming	
Correlated Color Temperature (Nom)	3000 K	Dimmable	No
Luminous Efficacy (rated) (Nom)	142.00 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

MASTER Value LEDtube T8

Product Length	1,200 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	14 kWh
EPREL Registration Number	1,095,865
CE mark	Yes
EU RoHS compliant	Yes

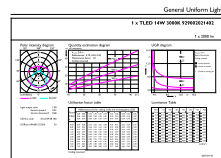
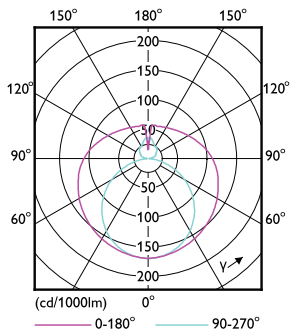
Product Data	
Full product code	871869964685100
Order product name	MAS LEDtube VLE 1200mm HO 14W 830 T8
Order code	929002021402
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929002021402
Full product name	MAS LEDtube VLE 1200mm HO 14W 830 T8
EAN/UPC - Case	8718699646868

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1200mm HO 14W 830 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Photometric data



Light Distribution Diagram - MAS LEDtube VLE 1200mm HO 14W 830 T8

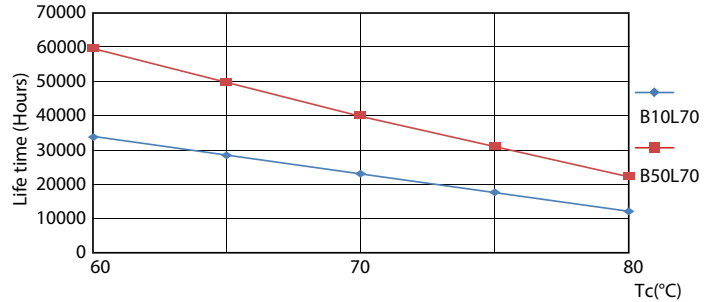
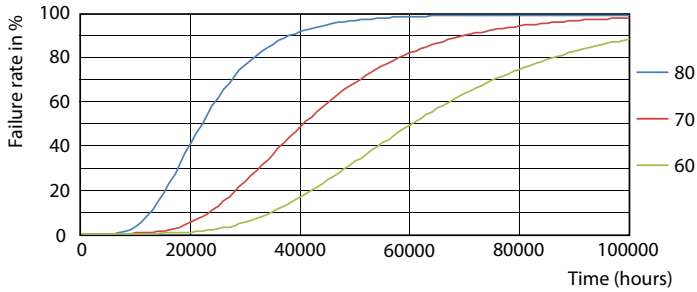
MASTER Value LEDtube T8

Photometric data



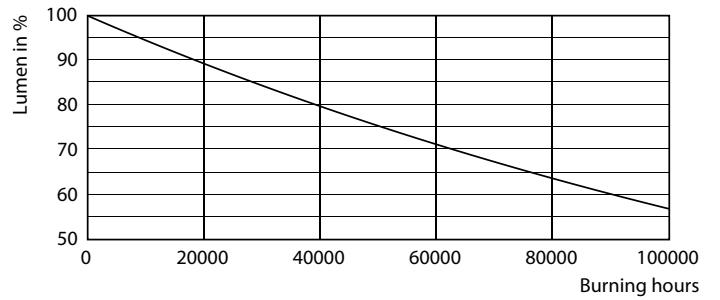
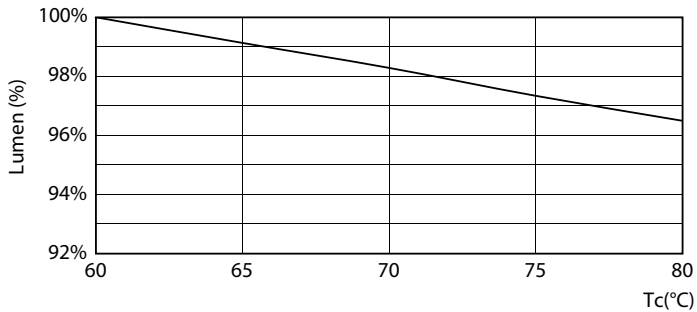
Spectral Power Distribution Colour - MAS LEDtube VLE 1200mm HO 14W 830 T8

Lifetime



Life Expectancy Diagram - MAS LEDtube VLE 1200mm HO 14W 830 T8

Life Expectancy Diagram - MAS LEDtube VLE 1200mm HO 14W 830 T8



Lumen Maintenance Diagram - MAS LEDtube VLE 1200mm HO 14W 830 T8

Lumen Maintenance Diagram - MAS LEDtube VLE 1200mm HO 14W 830 T8

MASTER Value LEDtube T8

Lifetime



Life Expectancy Diagram - MAS LEDtube VLE 1200mm HO 14W 830 T8

