

MASTER Value LEDtube T8



MAS LEDtube VLE 1500mm HO 20.5W 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	60,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
Flux measurement reference	Sphere
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	190 degree(s)
Luminous Flux	2,900 lumen
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	141.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

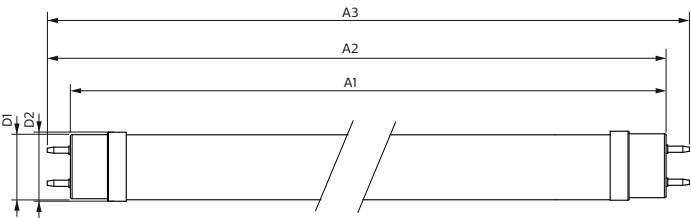
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Photobiological safety according to EN 62471 RGO	
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	20.5 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
LED alternative to fluorescent lamp power	58 W
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	65 °C

MASTER Value LEDtube T8

Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,500 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	21 kWh
EPREL Registration Number	1095868

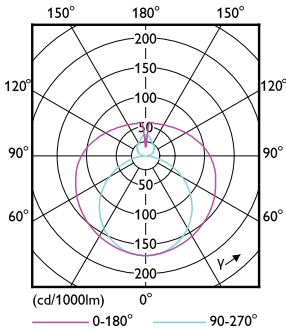
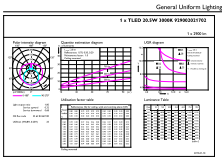
Product Data	
Full product code	871869964691200
Order product name	MAS LEDtube VLE 1500mm HO 20.5W 830 T8
Order code	929002021702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002021702
Full product name	MAS LEDtube VLE 1500mm HO 20.5W 830 T8
EAN/UPC - Case	8718699646929
EAN/UPC - Product/Case	8718699646912

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1500mm HO 20.5W 830 T8	25.8 mm	28 mm	1,498.7 mm	1,505.8 mm	1,512.9 mm

Photometric data

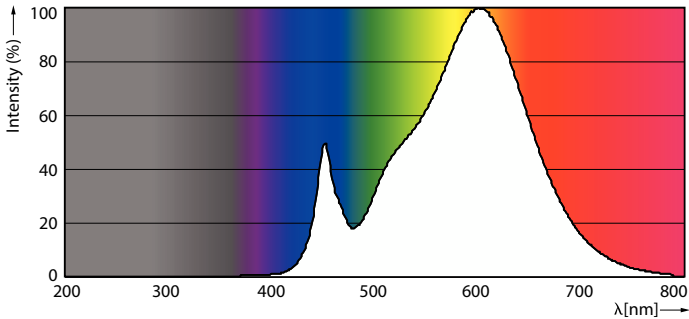


General uniform lighting - MAS LEDtube VLE 1500mm HO 20.5W 830 T8

Light Distribution Diagram - MAS LEDtube VLE 1500mm HO 20.5W 830 T8

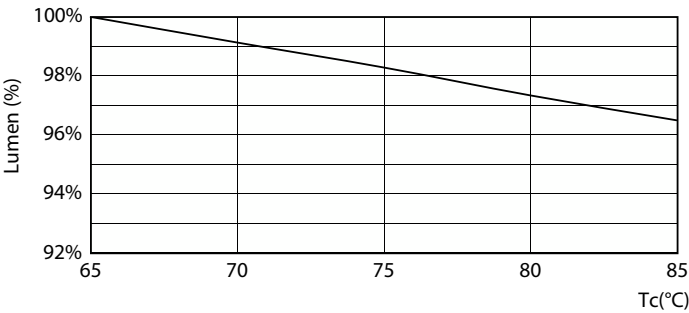
MASTER Value LEDtube T8

Photometric data



Spectral Power Distribution Colour - MAS LEDtube VLE 1500mm HO 20.5W 830 T8

Lifetime



Lumen Maintenance Diagram - MAS LEDtube VLE 1500mm HO 20.5W 830 T8

Life Expectancy Diagram - MAS LEDtube VLE 1500mm HO 20.5W 830 T8

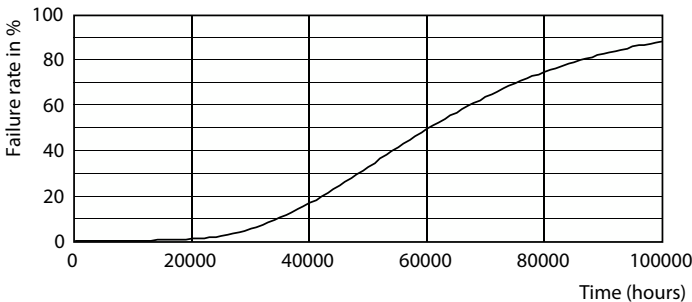
Life Expectancy Diagram - MAS LEDtube VLE 1500mm HO 20.5W 830 T8

MASTER Value LEDtube T8

Lifetime



Lumen Maintenance Diagram - MAS LEDtube VLE 1500mm HO 20.5W 830 T8



Life Expectancy Diagram - MAS LEDtube VLE 1500mm HO 20.5W 830 T8

