



MASTER Value LEDtube T8

MAS LEDtube VLE 1200mm HO 14W865 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

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,100 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	150.00 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	14 W
Lamp Current (Nom)	66 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	
T-Case Maximum (Nom)	55 °C

Controls and Dimming	
Dimmable	No

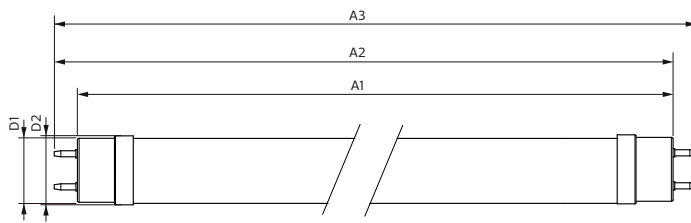
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8

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Net Weight (Piece)	0.215 kg
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C
Product Data	
Order product name	MAS LEDtube VLE 1200mm HO 14W865 T8

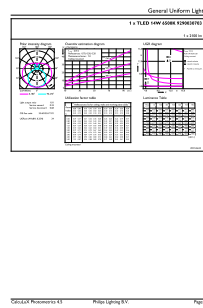
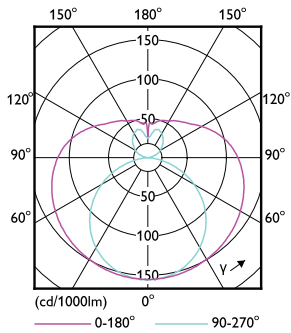
Full product name	MAS LEDtube VLE 1200mm HO 14W865 T8
Full product code	871951435078600
Order code	929003070308
Material Nr. (12NC)	929003070308
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514350786
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514350793

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1200mm HO 14W865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Photometric data

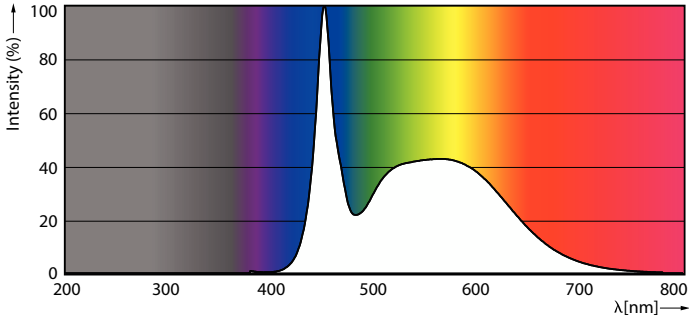


Light Distribution Diagram - MAS LEDtube VLE 1200mm HO 14W865 T8

General uniform lighting - MAS LEDtube VLE 1200mm HO 14W865 T8

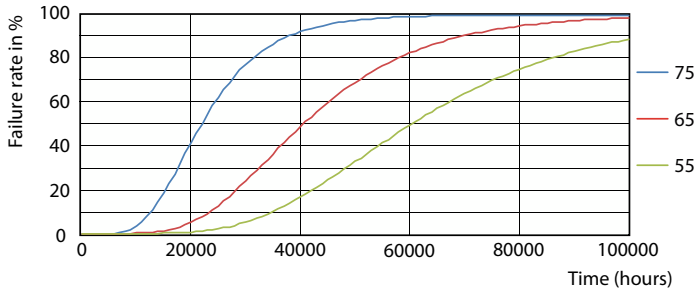
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Photometric data

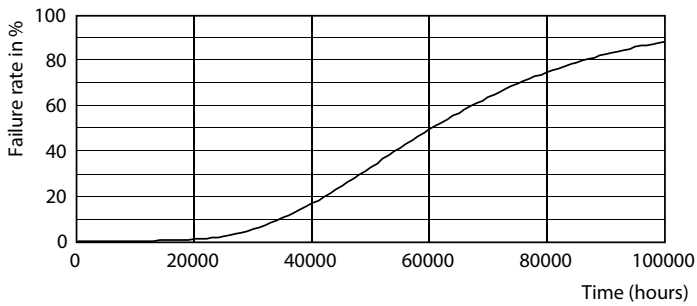


Spectral Power Distribution Colour - MAS LEDtube VLE 1200mm HO 14W865 T8

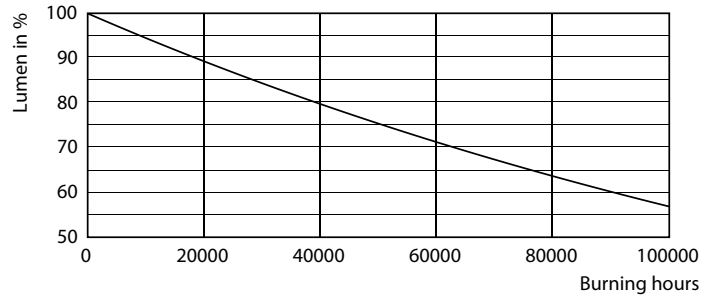
Lifetime



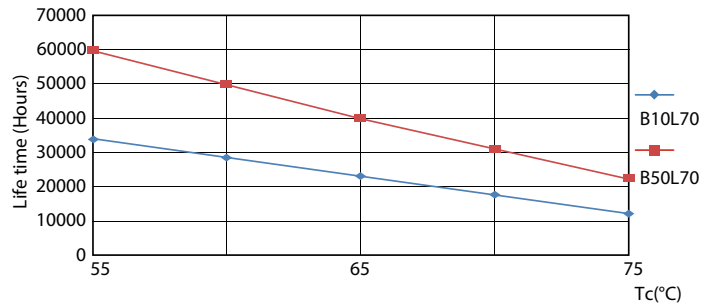
FailureRate



Life Expectancy Diagram



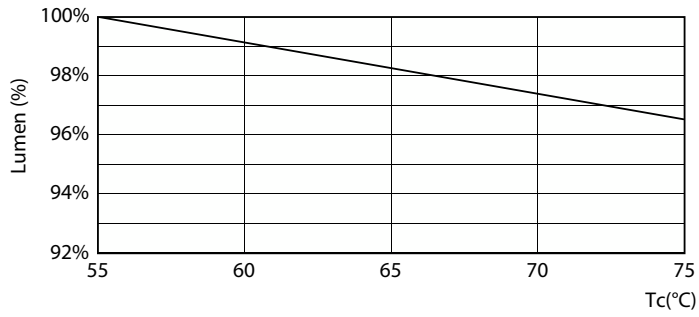
Lumen Maintenance Diagram - MAS LEDtube VLE 1200mm HO 14W865 T8



LifetimeVsTc

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Lifetime



Lumen Maintenance Diagram - MAS LEDtube VLE 1200mm HO 14W865 T8

