



MASTER Value LEDtube T8

MASTER LEDtube VLE 1200mm HO 14W 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]
CE mark	Yes
EU RoHS compliant	Yes
Nominal lifetime (nom.)	60000 h
Switching cycle	200000
	Sphere
Tier	MASTER Value

Light technical	
Colour Code	865 [CCT of 6,500 K]
Beam Angle (Nom)	190 °
Luminous flux (nom.)	2100 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	150 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80

Operating and electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	14 W
Lamp current (max.)	66 mA
Lamp current (min.)	60 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220–240 V

Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	60 °C

LLMF at end of nominal lifetime (nom.) 70 %	
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Controls and dimming	
Dimmable	No

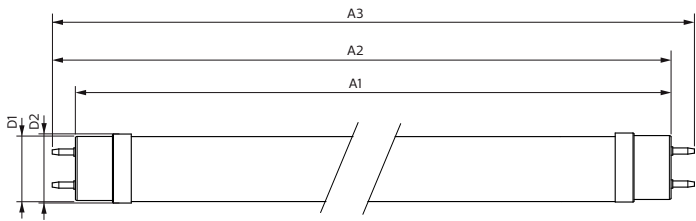
Mechanical and housing	
Lamp Finish	Frosted
Bulb material	Glass
Product length	1200 mm
Bulb shape	Tube, double-ended

Approval and application	
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	14 kWh
	1095867

Product data	
Full product code	871869964689900
Order product name	MASTER LEDtube VLE 1200mm HO 14W 865 T8
EAN/UPC – product	8718699646899
Order code	64689900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002021602
Net Weight (Piece)	0.210 kg

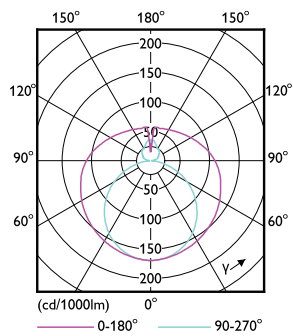
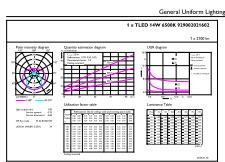
Dimensional drawing



Product	D1	D2	A1	A2	A3
MASTER LEDtube VLE 1200mm HO 14W 865 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

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Photometric data

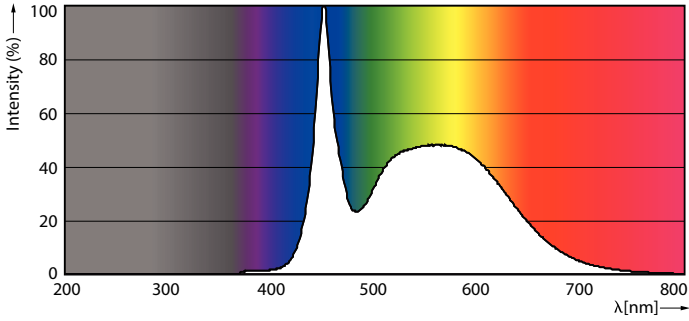


LEDtube 220-240V G13 4ft 2100lm 6500k

Light Distribution Diagram

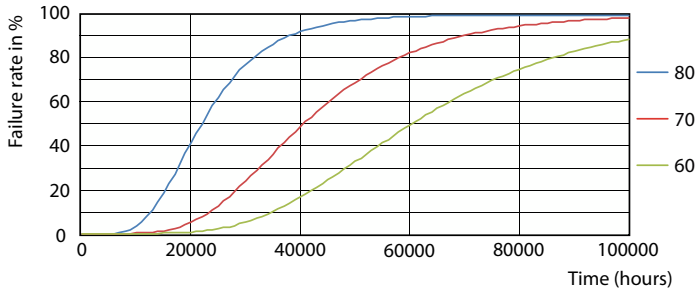
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Photometric data

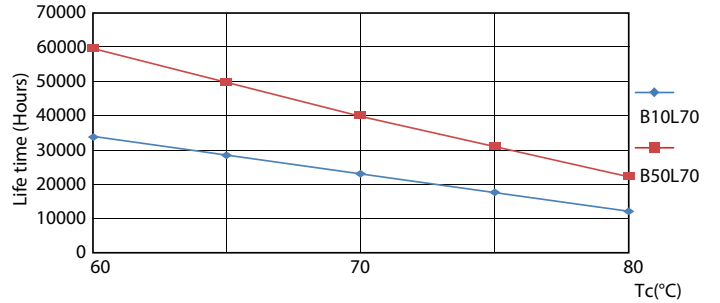


LEDtube 220-240V G13 6500k

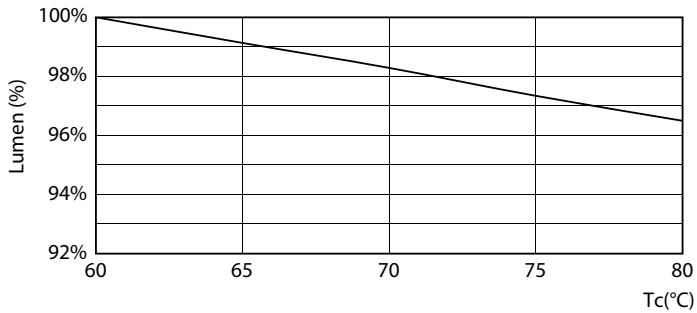
Lifetime



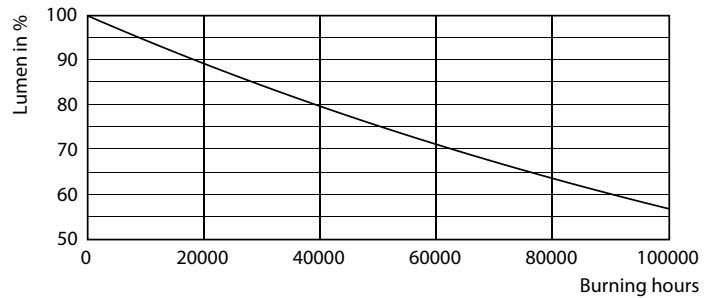
FailureRate



LifetimeVsTc



LumenVsTc



Lumen Maintenance Diagram

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Lifetime



Life Expectancy Diagram

