



MASTER Value LEDtube T8



MASTER LEDtube VLE 1500mm HO 20.5W 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
Flux measurement reference	Sphere
Tier	MASTER Value

Light technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	190 °
Luminous Flux (Nom)	3100 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	151 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80

LLMF At End Of Nominal Lifetime (Nom) 70 %	
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Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	20.5 W
Lamp Current (Max)	97 mA
Lamp Current (Min)	89 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)	65 °C

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Controls and dimming

Dimmable	No
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Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1500 mm
Bulb Shape	Tube, double-ended

Approval and application

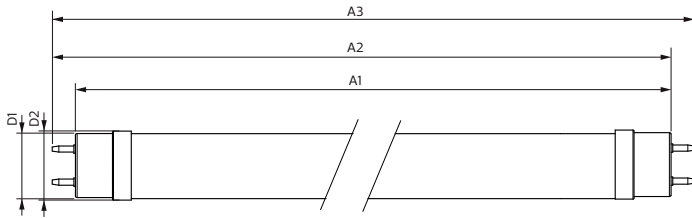
Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	21 kWh

EPREL Registration Number	1095870
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Product data

Full product code	871869964695000
Order product name	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8
EAN/UPC - Product	8718699646950
Order code	929002021902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002021902
Net Weight (Piece)	0.250 kg

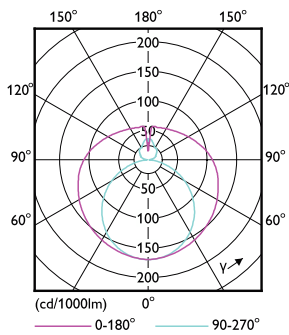
Dimensional drawing



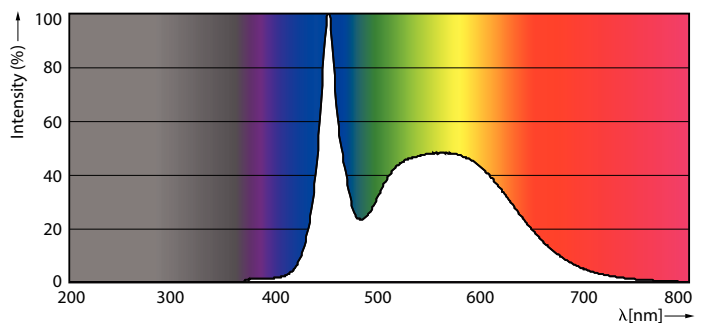
Product	D1	D2	A1	A2	A3
MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm

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Photometric data



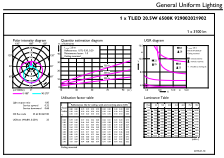
Light Distribution Diagram



LEDtube 220-240V G13 6500k

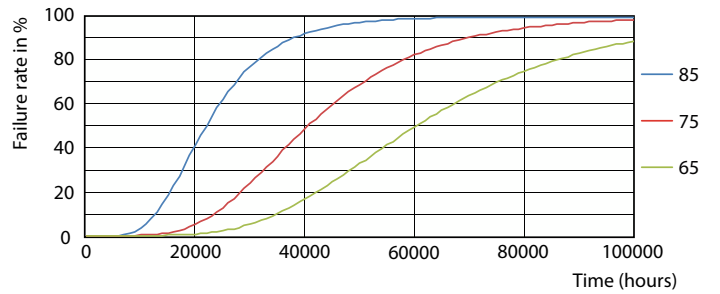
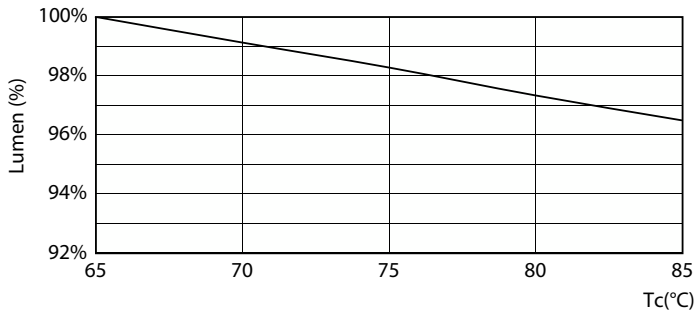
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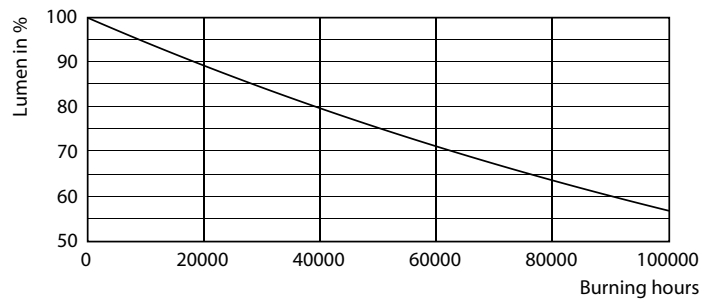
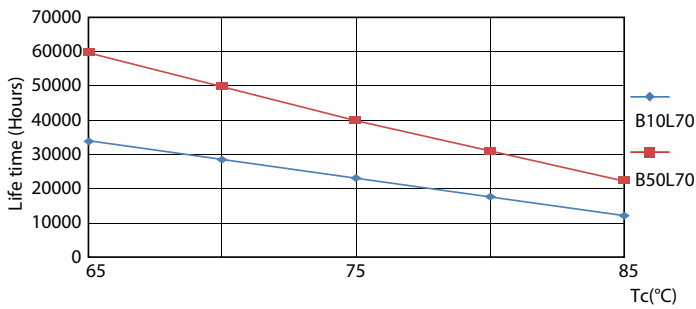
LEDtube 220-240V G13 5ft 3100lm 6500k

Lifetime



LumenVsTc

FailureRate



LifetimeVsTc

Lumen Maintenance Diagram

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Lifetime



Life Expectancy Diagram

