



# 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 a uniform lighting effect for use in all general lighting, as well as instant energy efficiency, making for an environmentally friendly solution.

### Product data

General Information	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000X

Light Technical	
Colour Code	865 [ CCT of 6500K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	3100 lm
Colour Designation	Cool Daylight
Colour Temperature, horizontal (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	151.00 lm/W
Color Consistency	<6
Colour Rendering Index horiz (Nom)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (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)	60 °C

Controls and Dimming	
Dimmable	No

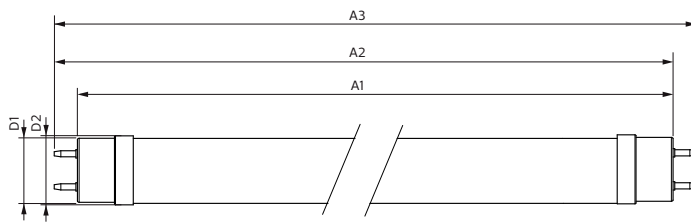
Mechanical and Housing	
Bulb Material	Glass

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Product Length	1500 mm
<b>Approval and Application</b>	
Energy Efficiency Label	A++
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	21 kWh
<b>Product Data</b>	
Full product code	871869964695000

Order product name	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8
EAN/UPC - Product	8718699646950
Order code	64695000
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002021902
Net Weight (Piece)	0.270 kg

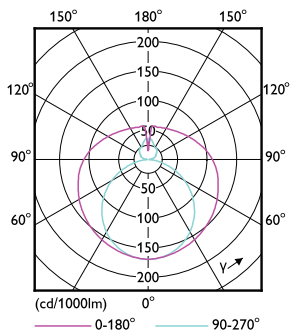
## Dimensional drawing



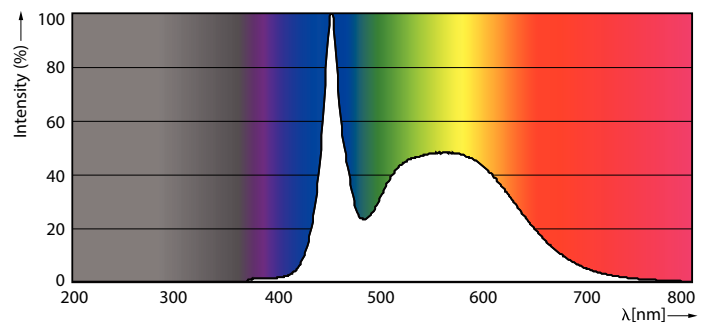
Product	D1	D2	A1	A2	A3
MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm

## TLED 5ft 220-240V20.5-58W3100lm6500K G13

## Photometric data



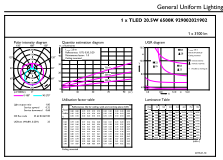
## LEDtube 220-240V G13



## LEDtube 220-240V G13 6500k

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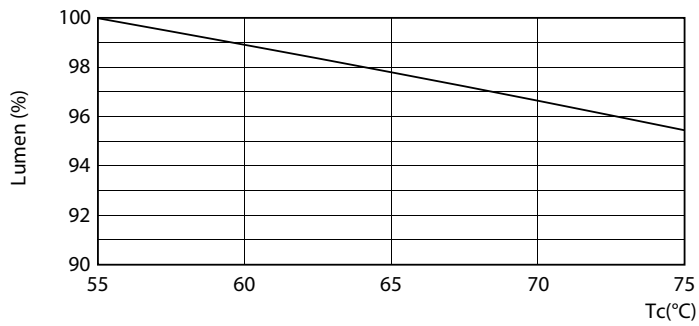
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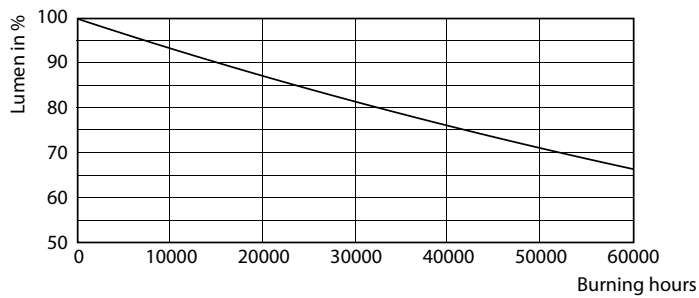
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LEDtube 220-240V G13 5ft 3100lm 6500k

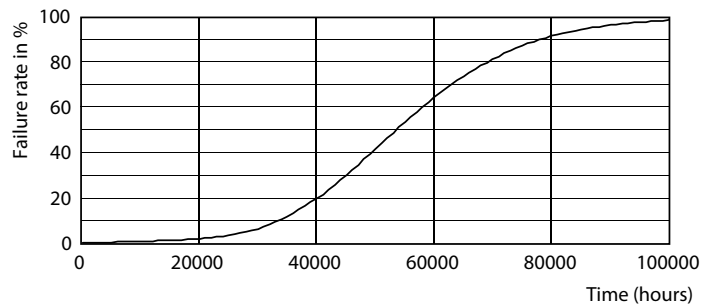
## Lifetime



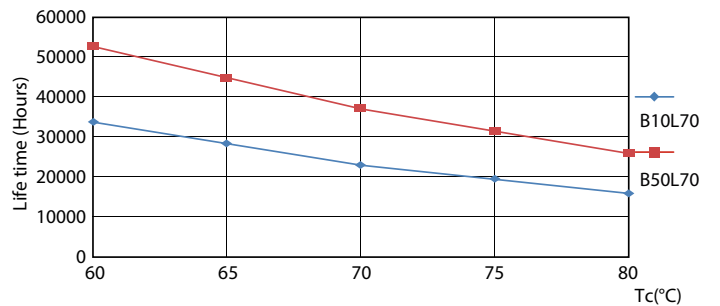
LEDtube 220-240V G13 LumenVsTc



LEDtube 220-240V G13



LEDtube 220-240V G13



LEDtube 220-240V G13 LifetimeVsTc

# Master Value LEDtube T8

## Lifetime



LEDtube 220-240V G13 FailureRate

