

# MASTER Value LEDtube T8



## MASTER 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 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		Power (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]		20.5 W
EU RoHS compliant	Yes	Lamp Current (Max)	97 mA
Nominal Lifetime (Nom)	60000 h	Lamp Current (Min)	89 mA
Switching Cycle	200000X	Starting Time (Nom)	0.5 s
Flux measurement reference	Sphere	Warm Up Time to 60% Light (Nom)	0.5 s
		Power Factor (Nom)	0.9
		Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	830 [ CCT of 3000K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	190 °	T-Ambient (Min)	-20 °C
Luminous Flux (Nom)	2900 lm	T-Storage (Max)	65 °C
Color Designation	White (WH)	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	3000 K	T-Case Maximum (Nom)	65 °C
Luminous Efficacy (rated) (Nom)	141.00 lm/W		
Color Consistency	<6	Controls and Dimming	
Color Rendering Index (Nom)	80	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical		Mechanical and Housing	
Input Frequency	50 to 60 Hz	Bulb Finish	Frosted

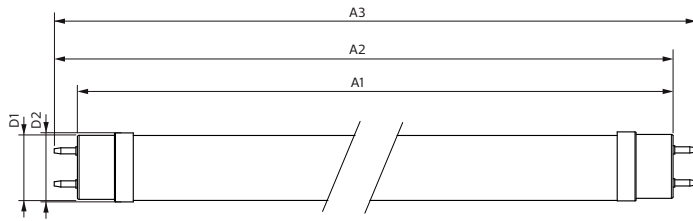
# MASTER Value LEDtube T8

Bulb Material	Glass
Product Length	1500 mm
Bulb Shape	Tube, double-ended
<b>Approval and Application</b>	
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	403615

## Product Data

Full product code	871869964691200
Order product name	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8
EAN/UPC - Product	8718699646912
Order code	929002021702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002021702
Net Weight (Piece)	0.270 kg

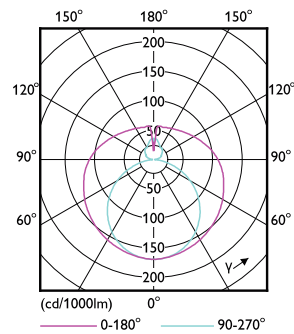
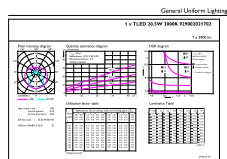
## Dimensional drawing



Product	D1	D2	A1	A2	A3
MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm

## TLED 5ft 220-240V20.5-58W2900lm3000K G13

## Photometric data



## LEDtube 220-240V G13 5ft 2900lm 3000k

## LEDtube 220-240V G13

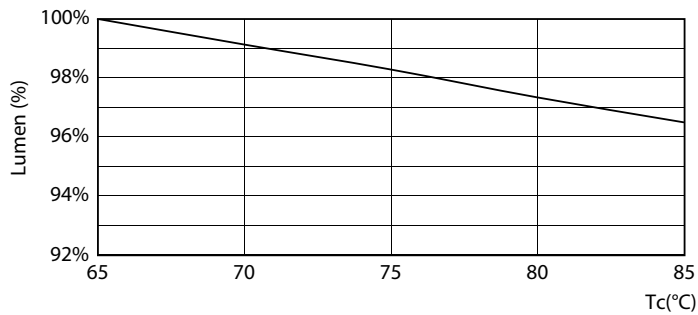
# MASTER Value LEDtube T8

## Photometric data

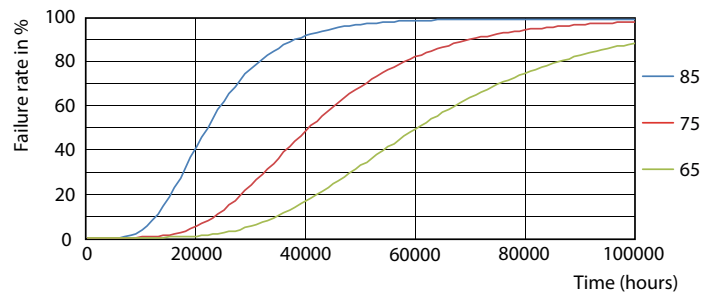


LEDtube 220-240V G13 3000k

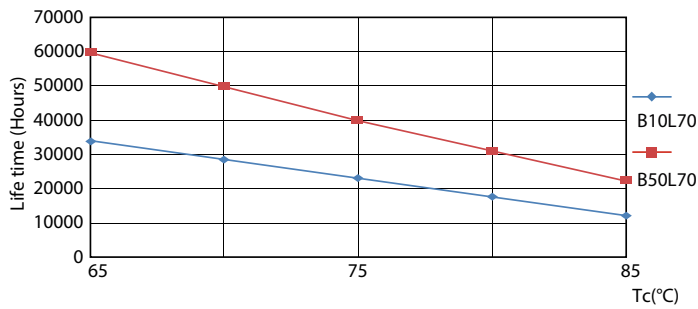
## Lifetime



LEDtube MAS SLR 20,5W 60K LumenVsTc-LMP



LEDtube MAS SLR 20,5W 60K FailureRate-LED



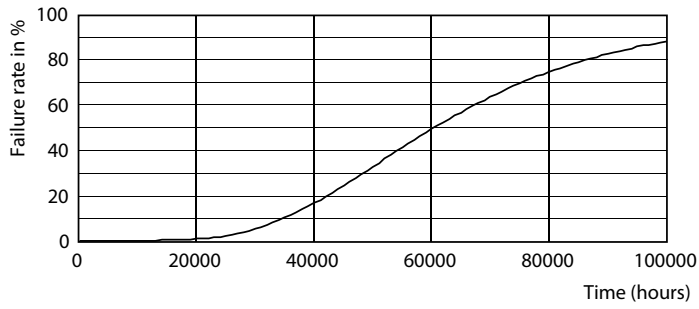
LEDtube MAS SLR 20,5W 60K LifetimeVsTc-LED



LEDtube\_60K

# MASTER Value LEDtube T8

## Lifetime



LEDtube\_60K

