



# MASTER Value LEDtube T8



## MASTER LEDtube VLE 1200mm HO 14W 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	
Cap base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	60000 h
Switching cycle	200,000X
	Sphere
Light Technical	
Colour Code	830 [ CCT of 3,000 K]
Beam Angle (Nom)	190 °
Luminous flux (nom.)	2000 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	142.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz

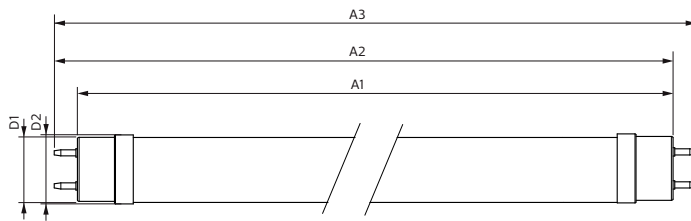
Power (Rated) (Nom)	14 W
Lamp current (max.)	66 mA
Lamp current (min.)	60 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted

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Bulb material	Glass
Product length	1200 mm
Bulb shape	Tube, double-ended
<b>Approval and Application</b>	
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	14 kWh 403612

<b>Product Data</b>	
Full product code	871869964685100
Order product name	MASTER LEDtube VLE 1200mm HO 14W 830 T8
EAN/UPC – product	8718699646851
Order code	64685100
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002021402
SAP net weight (piece)	0.215 kg

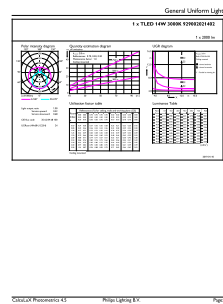
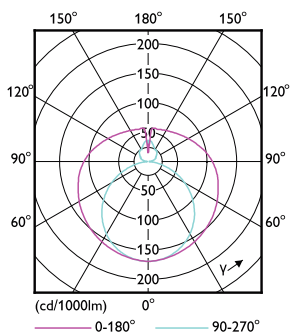
## Dimensional drawing



Product	D1	D2	A1	A2	A3
MASTER LEDtube VLE 1200mm HO 14W 830 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

## TLED 4ft 220-240V 14-36W2000lm 3000K G13

## Photometric data



## LEDtube 220-240V G13

## LEDtube 220-240V G13 4ft 2000lm 3000k

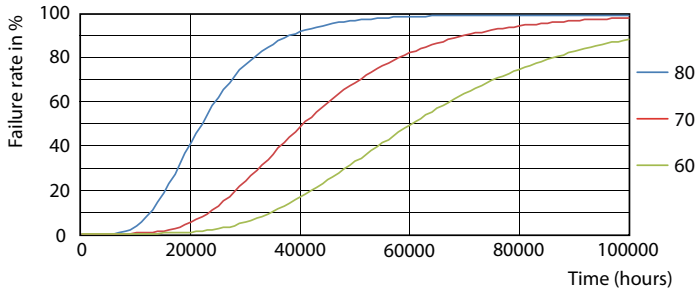
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## Photometric data

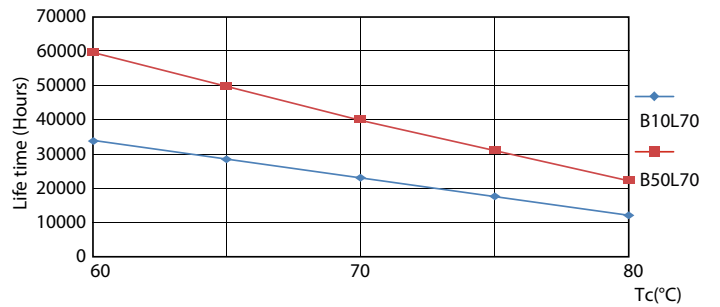


LEDtube 220-240V G13 3000k

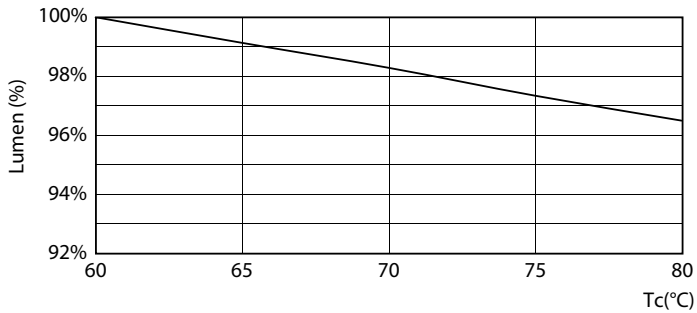
## Lifetime



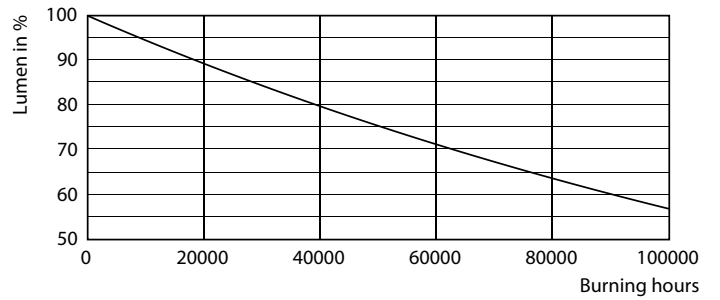
LEDtube MAS SLR 14W 60K FailureRate-LED



LEDtube MAS SLR 14W 60K LifetimeVsTc-LED



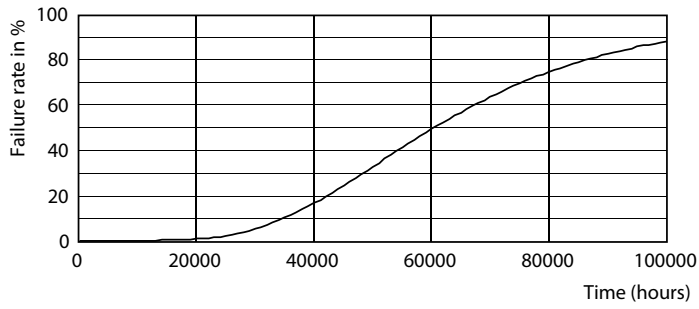
LEDtube MAS SLR 14W 60K LumenVsTc-LMP



LEDtube\_60K

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## Lifetime



LEDtube\_60K

