



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

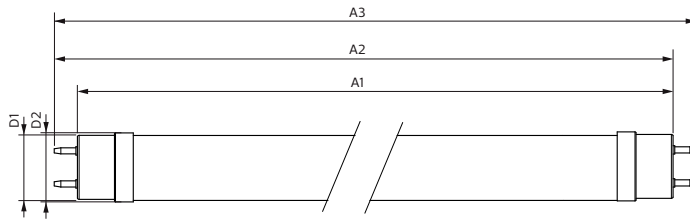
General Information		Power (Rated) (Nom)	
Cap base	G13 [Medium Bi-Pin Fluorescent]		20.5 W
EU RoHS compliant	Yes	Lamp current (max.)	97 mA
Nominal lifetime (nom.)	60000 h	Lamp current (min.)	89 mA
Switching cycle	200,000X	Starting time (nom.)	0.5 s
	Sphere	Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.9
		Voltage (Nom)	220-240 V
Light Technical		Temperature	
Colour Code	830 [CCT of 3,000 K]	T-ambient (max.)	45 °C
Beam Angle (Nom)	190 °	T-ambient (min.)	-20 °C
Luminous flux (nom.)	2900 lm	T storage (max.)	65 °C
Colour designation	White (WH)	T storage (min.)	-40 °C
Correlated Colour Temperature (Nom)	3000 K	T-Case maximum (nom.)	65 °C
Luminous efficacy (rated) (nom.)	141.00 lm/W	Controls and Dimming	
Colour consistency	<6	Dimmable	No
Colour rendering index (nom.)	80	Mechanical and Housing	
LLMF at end of nominal lifetime (nom.)	70 %	Lamp Finish	Frosted
Operating and Electrical			
Input frequency	50 to 60 Hz		

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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 CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	21 kWh 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	64691200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002021702
SAP net weight (piece)	0.270 kg

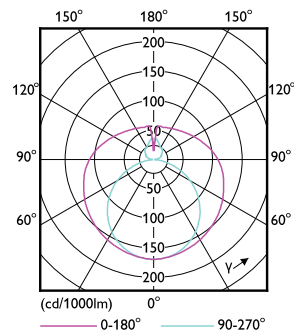
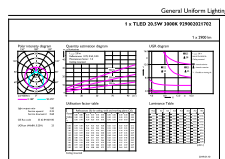
Dimensional drawing



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

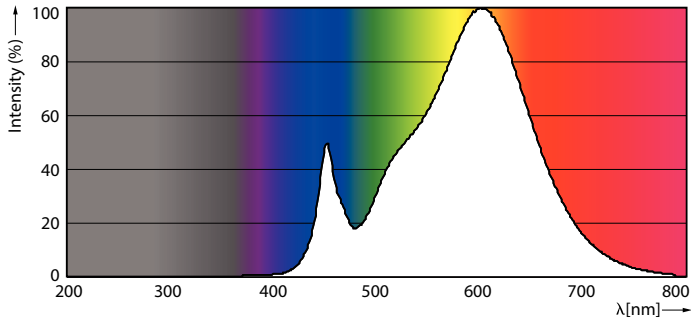


LEDtube 220-240V G13 5ft 2900lm 3000k

LEDtube 220-240V G13

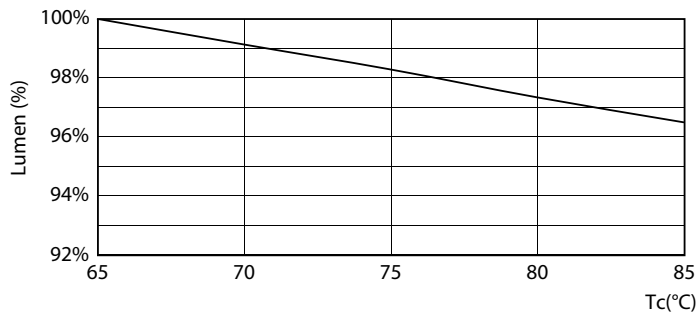
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Photometric data

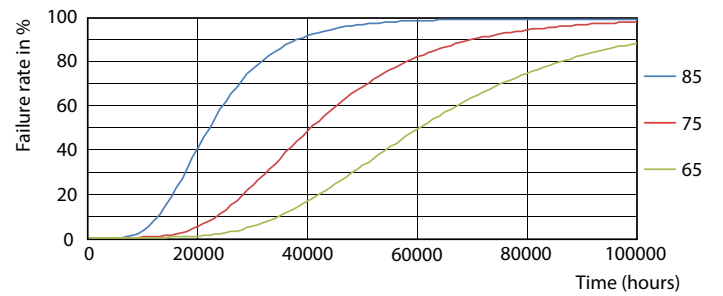


LEDtube 220-240V G13 3000k

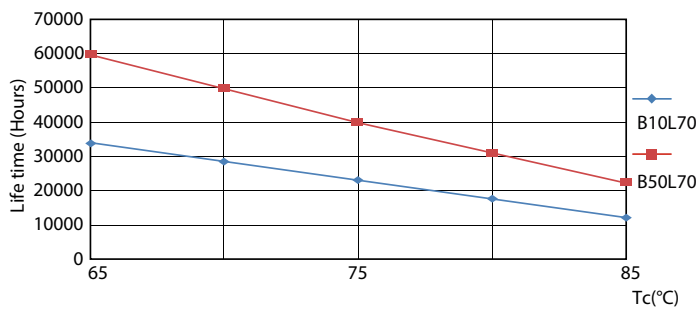
Lifetime



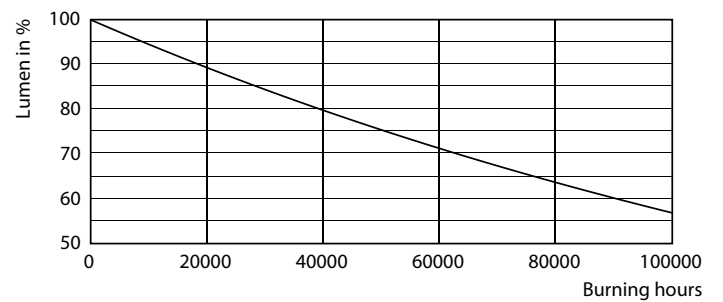
LEDtube MAS SLR 20,5W 60K LumenVsTc-LMP



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



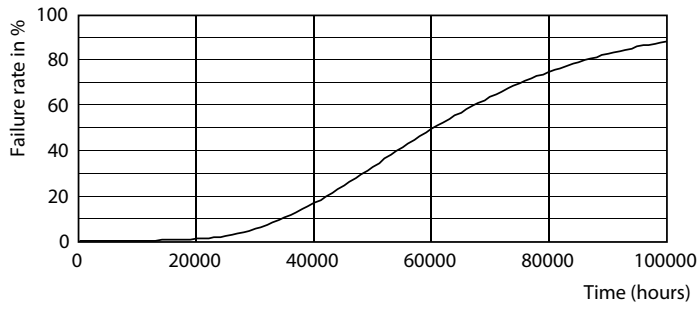
LEDtube MAS SLR 20,5W 60K LifetimeVsTc-LED



LEDtube_60K

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Lifetime



LEDtube_60K

