



Master Value LEDtube T8



MASTER LEDtube VLE 1500mm UO 23W 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

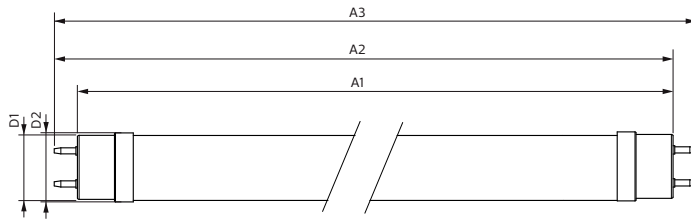
General Information		Power (Rated) (Nom)	
Cap base	G13 [Medium Bi-Pin Fluorescent]		23 W
EU RoHS compliant	Yes	Lamp current (max.)	108 mA
Nominal lifetime (nom.)	60000 h	Lamp current (min.)	99 mA
Switching cycle	200,000X	Starting time (nom.)	0.5 s
	Sphere	Warm-up time to 60% light (nom.)	0.5 s
		Power 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.)	3400 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.)	147.00 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	23 kWh 403667

Product Data	
Full product code	871951431686700
Order product name	MASTER LEDtube VLE 1500mm UO 23W 830 T8
EAN/UPC – product	8719514316867
Order code	31686700
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002997902
SAP net weight (piece)	0.270 kg

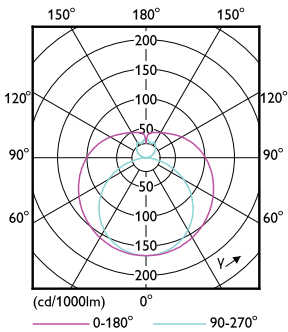
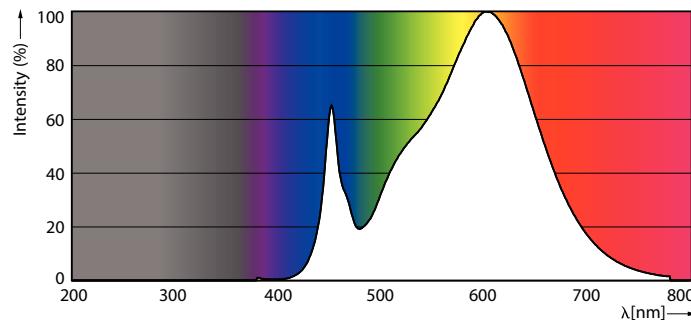
Dimensional drawing



Product	D1	D2	A1	A2	A3
MASTER LEDtube VLE 1500mm UO 23W 830 T8	25.8 mm	28 mm	1498.8 mm	1505.9 mm	1513 mm

TLED T8 220-240V 23-58W 3400lm 3000K

Photometric data

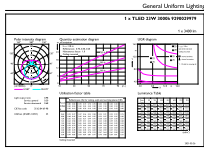


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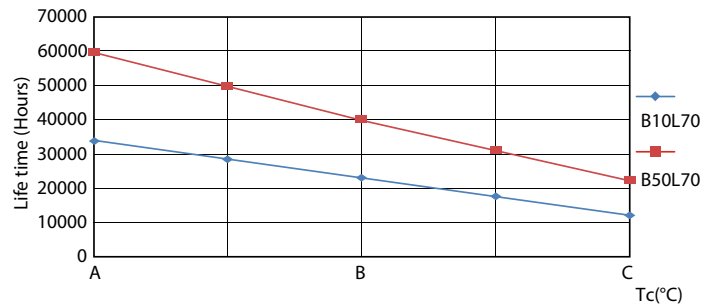
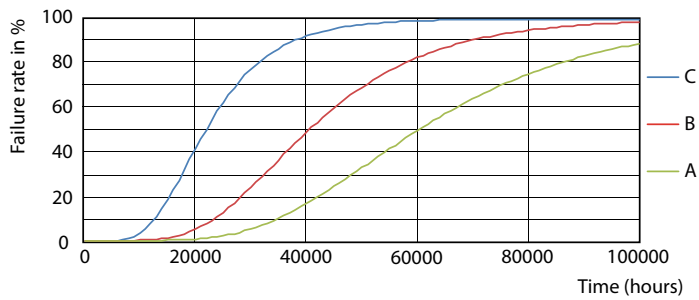
Photometric data



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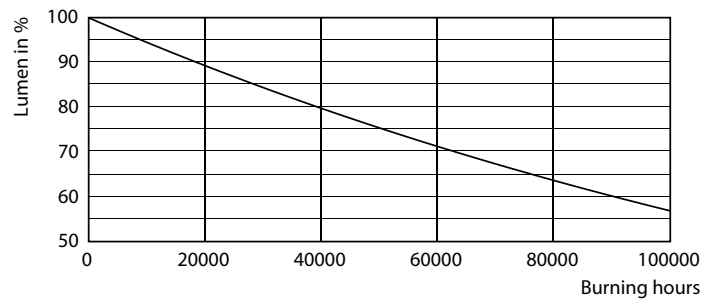
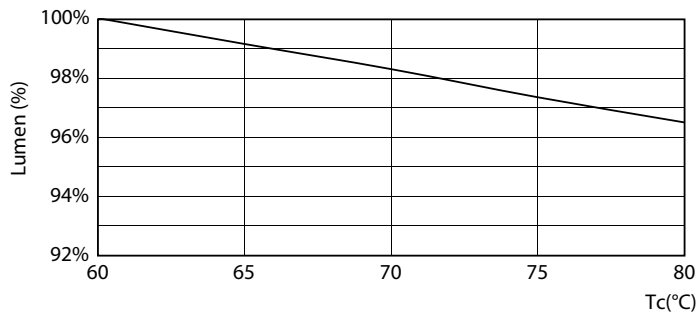
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Lifetime



LEDtube_60K_FailureRate

LEDtube_60K_LifetimeVsTc

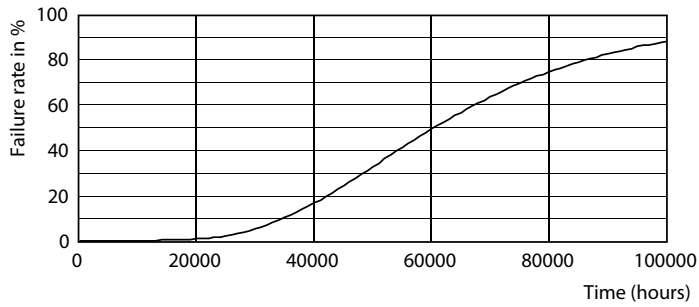


LEDtube MAS 23W 60K LumenVsTc

LEDtube_60K

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Lifetime



LEDtube_60K

