

Master Value LEDtube T8

MASTER LEDtube VLE 1500mm UO 23W 840 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]		23 W
EU RoHS compliant	Yes	Lamp Current (Max)	108 mA
Nominal Lifetime (Nom)	60000 h	Lamp Current (Min)	99 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	840 [CCT of 4000K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	190 °	T-Ambient (Min)	-20 °C
Luminous Flux (Nom)	3700 lm	T-Storage (Max)	65 °C
Color Designation	Cool White (CW)	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	4000 K	T-Case Maximum (Nom)	65 °C
Luminous Efficacy (rated) (Nom)	160.00 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

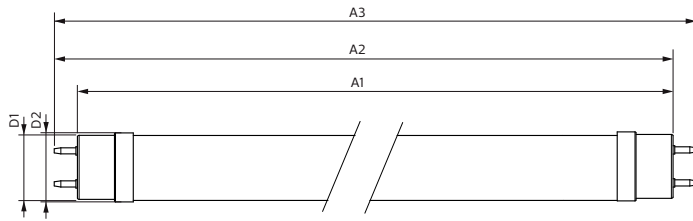
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Bulb Material	Glass
Product Length	1500 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Efficiency Class	C
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	23 kWh
EPREL Registration Number	403668

Product Data

Full product code	871951431688100
Order product name	MASTER LEDtube VLE 1500mm UO 23W 840 T8
EAN/UPC - Product	8719514316881
Order code	929002998002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002998002
Net Weight (Piece)	0.270 kg

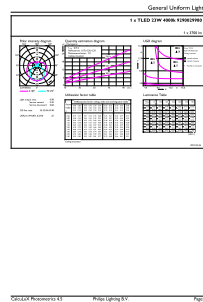
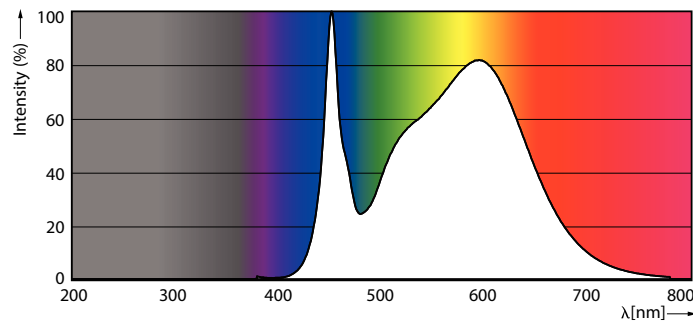
Dimensional drawing



Product	D1	D2	A1	A2	A3
MASTER LEDtube VLE 1500mm UO 23W 840 T8	25.8 mm	28 mm	1498.8 mm	1505.9 mm	1513 mm

TLED T8 220-240V 23-58W 3700lm 4000K

Photometric data

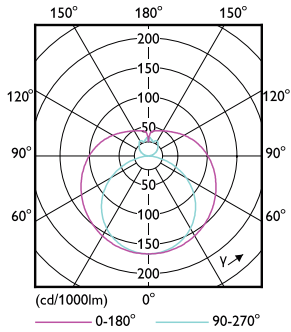


LEDtube MAS 23W G13 3700lm 840

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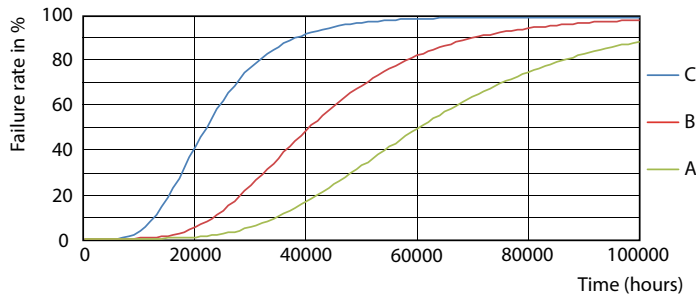
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Photometric data

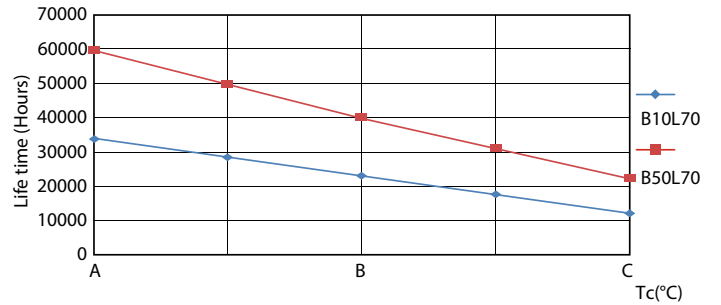


LEDtube MAS 23W G13 3400lm

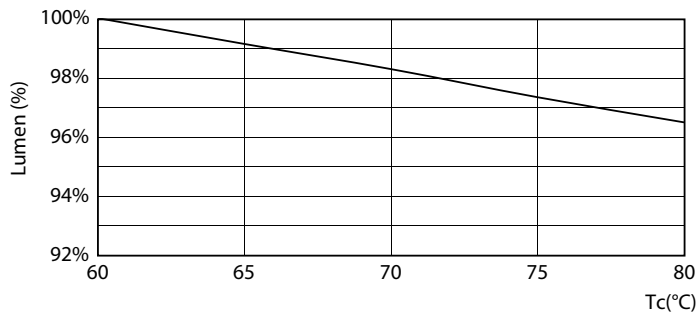
Lifetime



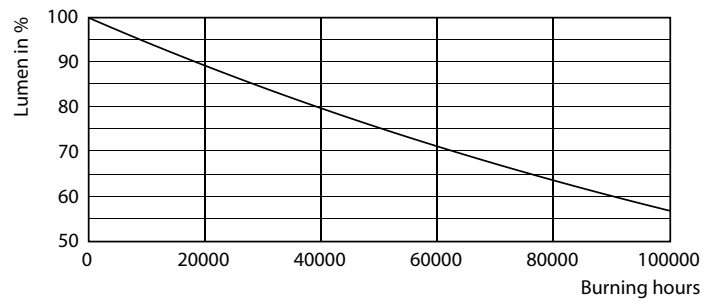
LEDtube_60K_FailureRate



LEDtube_60K_LifetimeVsTc



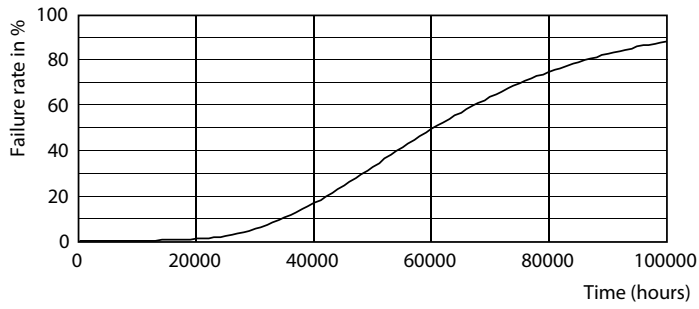
LEDtube MAS 23W 60K LumenVsTc



LEDtube_60K

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Lifetime



LEDtube_60K

