



MASTER Value LEDtube Universal T8

MAS LEDtube VLE UN 1500mm UO 23W830 T8

The new Philips MASTER Value LEDtube Universal T8 brings ease and simplicity to your lighting project. That's because you do not need to match the driver technology anymore: a unique design enables the Philips MASTER Value LEDtube Universal T8 to directly fit in luminaires operating on either electromagnetic ballasts or HF electronic ballasts or mains power connection. It is so simple to operate and you no longer need to stock two types of tubes! Perfectly safe, reliable & easy to install Philips MASTER Value LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to maximize value over lifetime with high energy saving and lower maintenance costs.

Product data

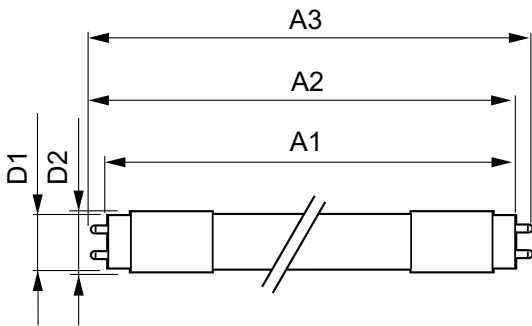
General Information		LLMF At End Of Nominal Lifetime (Nom) 70 %	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		
Nominal lifetime	60,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
Flux measurement reference	Sphere		
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	190 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	3,400 lumen	Power Consumption	23 W
Color Designation	White (WH)	Lamp Current (Nom)	106 mA
Correlated Color Temperature (Nom)	3000 K	Starting Time (Nom)	0.5 s
Luminous Efficacy (rated) (Nom)	147.00 lm/W	Warm-up time to 60% light	0.5 s
Color Consistency	<6	Power Factor (Fraction)	0.9
Color rendering index (CRI)	80	Voltage (Nom)	220-240 V
		Temperature	
		Ambient temperature range	-20 °C to 45 °C
		T-Case Maximum (Nom)	60 °C

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,500 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	23 kWh
EPREL Registration Number	403,661
CE mark	Yes

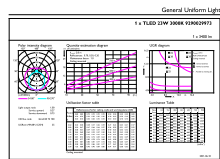
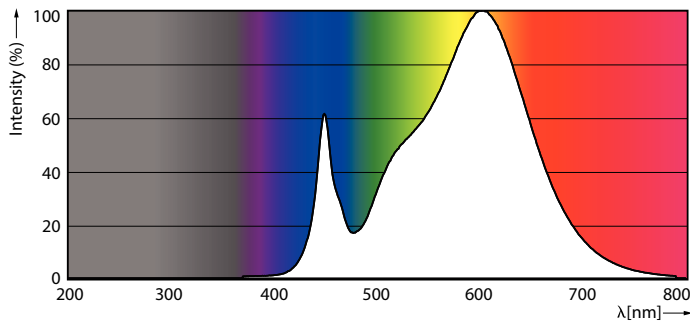
EU RoHS compliant	Yes
Product Data	
Full product code	871951431674400
Order product name	MAS LEDtube VLE UN 1500mm UO 23W830 T8
Order code	929002997302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929002997302
Full product name	MAS LEDtube VLE UN 1500mm UO 23W830 T8
EAN/UPC - Case	8719514316751

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube VLE UN 1500mm UO 23W830 T8	26 mm	28 mm	1,500 mm	1,506 mm	1,514 mm

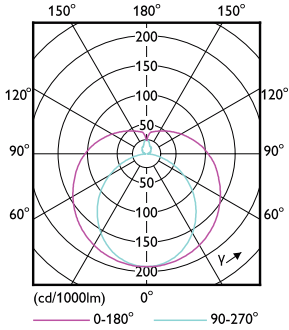
Photometric data



Spectral Power Distribution Colour - MAS LEDtube VLE UN 1500mm UO 23W830 T8

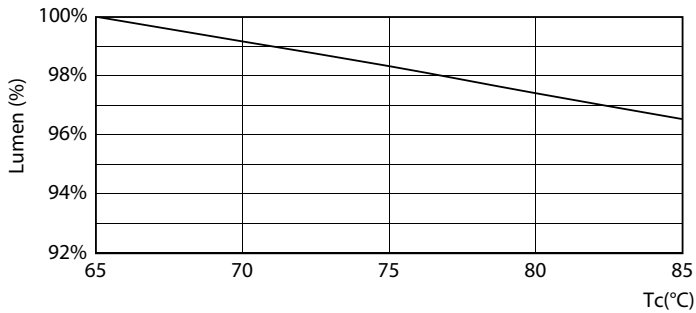
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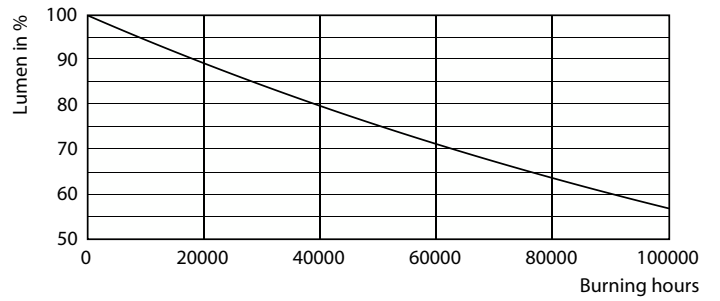


Light Distribution Diagram - MAS LEDtube VLE UN 1500mm UO 23W830 T8

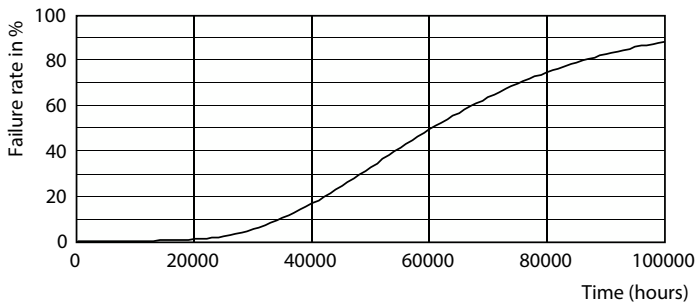
Lifetime



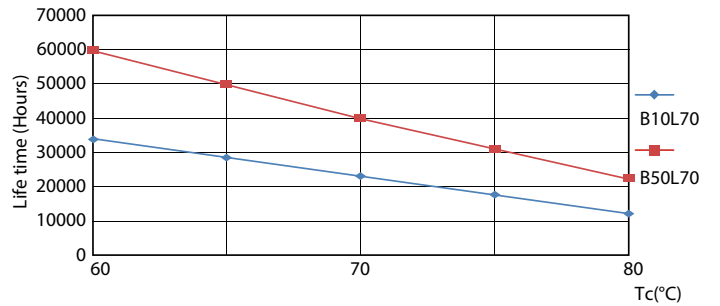
Lumen Maintenance Diagram - MAS LEDtube VLE UN 1500mm UO 23W830 T8



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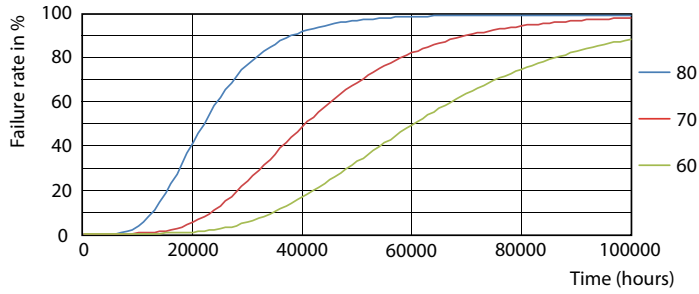
Life Expectancy Diagram - MAS LEDtube VLE UN 1500mm UO 23W830 T8



Life Expectancy Diagram - MAS LEDtube VLE UN 1500mm UO 23W830 T8

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Lifetime



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