



MASTER Value LEDtube Universal T8

Master LEDtube Universal 1500mm UO 24W830 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 any more: 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 the mains power connection. It is simple to operate and you no longer need to stock two types of tubes! Perfectly safe, reliable and easy-to-install Philips MASTER Value LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to maximise value over lifetime with high energy saving and lower maintenance costs.

Product data

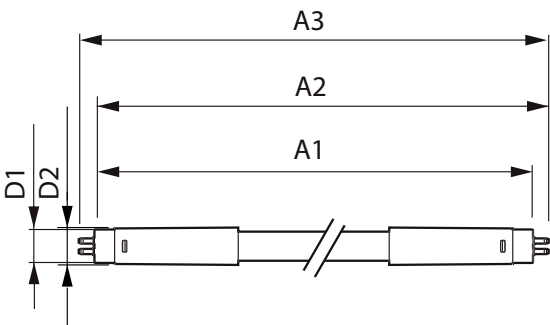
General Information		Colour consistency	
Cap base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]	Colour rendering index (CRI)	83
Nominal lifetime	60,000 h	LLMF at end of nominal lifetime (nom.)	70 %
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Input frequency	50 to 60 Hz
Light Technical		Power Consumption	24 W
Colour Code	830 [CCT of 3000K]	Starting time (nom.)	0.5 s
Beam angle (nom.)	160 degree(s)	Warm-up time to 60% light	0.5 s
Luminous Flux	3,400 lm	Power Factor (Fraction)	0.9
Colour designation	White (WH)	Voltage (nom.)	220-240 V
Correlated Colour Temperature	3000 K		
Luminous efficacy (rated) (nom.)	141.00 lm/W		

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Temperature	
Ambient temperature range	-20°C to 45°C
T-Case maximum (nom.)	45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb material	Plastic
Product length	1,500 mm
Approval and Application	
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

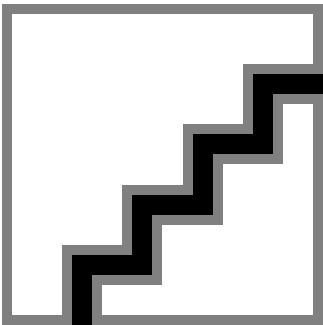
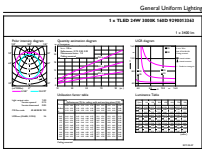
Energy consumption kWh/1,000 hours 24 kWh	
Product Data	
Order product name	MAS LEDtube UN 1500mm UO 24W830 T8
Full product name	Master LEDtube Universal 1500mm UO 24W830 T8
Full EOC	871869672851200
Order code	72851200
Material no. (12 NC)	929001336302
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696728512
Numerator – packs per outer box	10
EAN/UPC - Case	8718696728529

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube UN 1500mm UO 24W830 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm

Photometric data

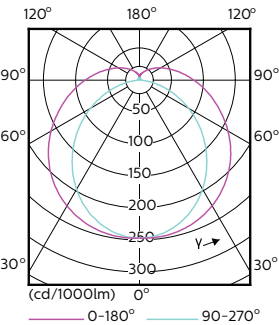


General uniform lighting - MAS LEDtube UN 1500mm UO 24W830 T8

Spectral Power Distribution Colour - MAS LEDtube UN 1500mm UO 24W830 T8

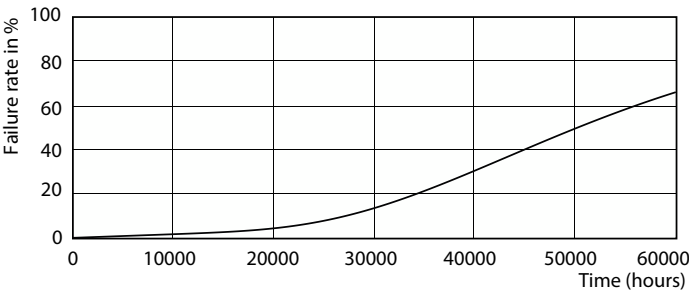
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Photometric data

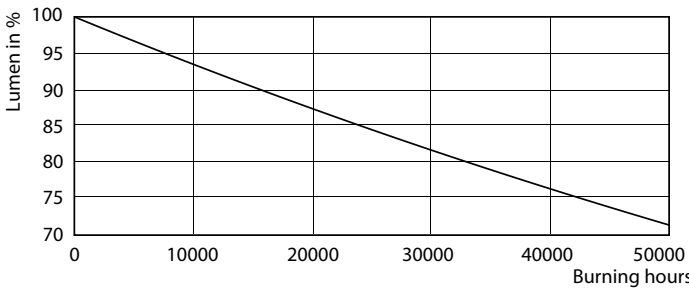


Light Distribution Diagram - MAS LEDtube UN 1500mm UO 24W830 T8

Lifetime



Life Expectancy Diagram - MAS LEDtube UN 1500mm UO 24W830 T8



Lumen Maintenance Diagram - MAS LEDtube UN 1500mm UO 24W830 T8

