



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 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

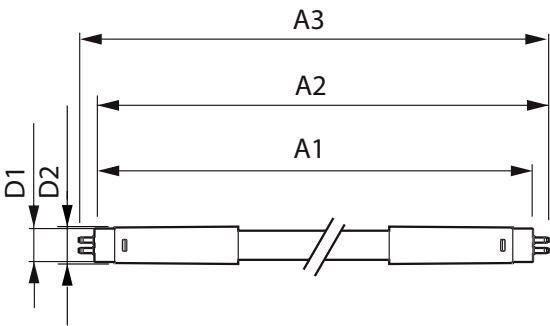
General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]	Color Consistency	<6
Nominal lifetime	60,000 hour(s)	Color rendering index (CRI)	83
Switching Cycle	50,000	LLMF At End Of Nominal Lifetime (Nom)	70 %
Lighting Technology	LED	Operating and Electrical	
EU RoHS compliant	Yes	Line Frequency	50 to 60 Hz
Light Technical		Input Frequency	50 to 60 Hz
Color Code	830 [CCT of 3000K]	Power Consumption	24 W
Beam Angle (Nom)	160 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	3,400 lm	Warm-up time to 60% light	0.5 s
Color Designation	White (WH)	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	3000 K	Voltage (Nom)	220-240 V

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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
Bulb Shape	T8
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate

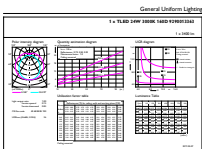
Energy Consumption kWh/1000 h	24 kWh
Product Data	
Order product name	MAS LEDtube UN 1500mm UO 24W830 T8
Full product name	Master LEDtube Universal 1500mm UO 24W830 T8
Full product code	871869672851200
Order code	72851200
Material Nr. (12NC)	929001336302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696728512
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696728529

Dimensional drawing

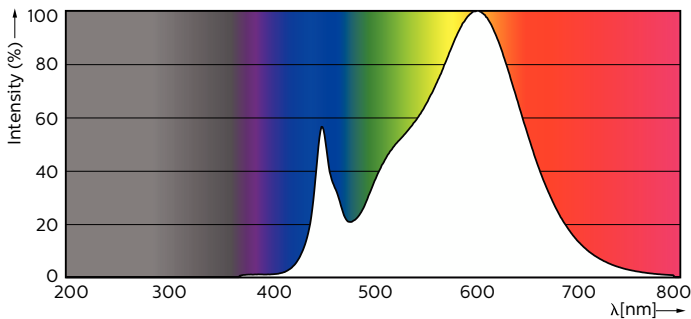


Product	D1	D2	A1	A2	A3
MAS LEDtube UN 1500mm UO 24W830 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm

Photometric data



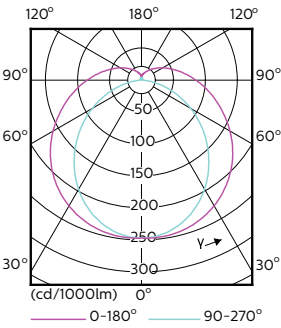
General uniform lighting - MAS LEDtube UN 1500mm UO 24W830 T8



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

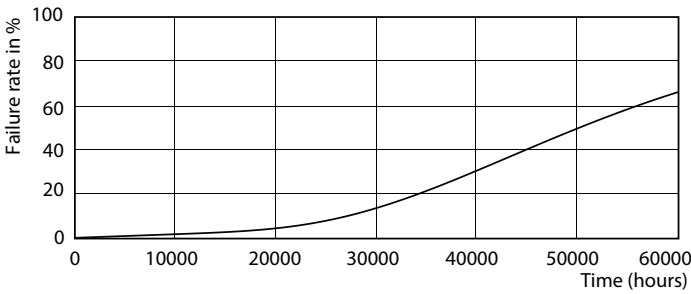
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Photometric data

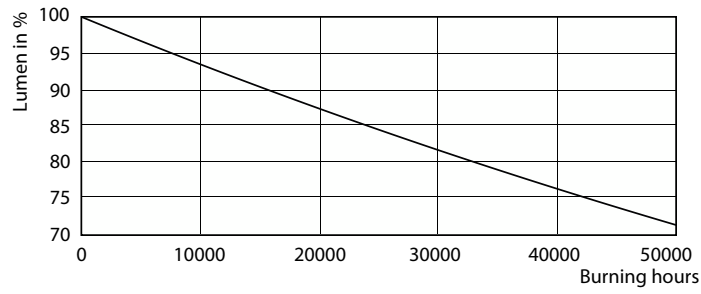


Light Distribution Diagram - MAS LEDtube UN 1500mm UO 24W830 T8

Lifetime



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



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

