



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1500mm UO 23W 865 T8

The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance, which cannot be distinguished from traditional fluorescent. These T8 LED tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings thanks to low energy consumption and an exceptionally long lifetime ensure this tube masters every demanding application.

Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.

Product data

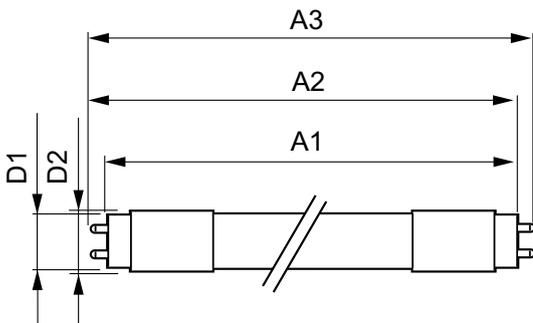
General Information		Operating and Electrical	
Cap-Base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]	Luminous Efficacy (rated) (Nom)	160.00 lm/W
Nominal lifetime	60,000 hour(s)	Color Consistency	<6
Switching Cycle	200,000	Color rendering index (CRI)	83
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
EU RoHS compliant	Yes	Line Frequency	50 to 60 Hz
Color Code	865 [CCT of 6500K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	160 degree(s)	Power Consumption	23 W
Luminous Flux	3,700 lm	Lamp Current (Max)	108 mA
Color Designation	Cool Daylight	Lamp Current (Min)	99 mA
Correlated Color Temperature (Nom)	6500 K	Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9

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Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °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

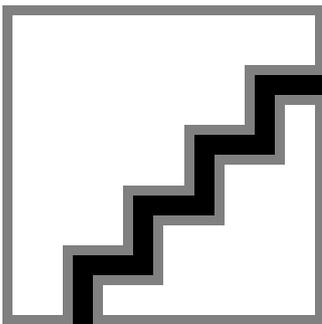
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	23 kWh
Product Data	
Order product name	MAS LEDtube 1500mm UO 23W 865 T8
Full product name	MAS LEDtube 1500mm UO 23W 865 T8
Full product code	871869964731500
Order code	929002021002
Material Nr. (12NC)	929002021002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699647315
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699647322

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm UO 23W 865 T8	25.8 mm	28 mm	1,498.7 mm	1,505.8 mm	1,512.9 mm

Photometric data

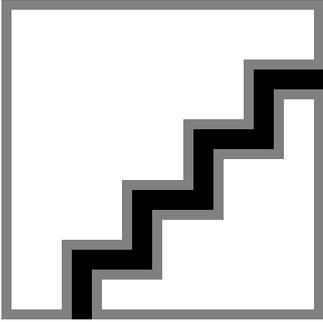


Spectral Power Distribution Colour - MAS LEDtube 1500mm UO 23W 865 T8

Light Distribution Diagram - MAS LEDtube 1500mm UO 23W 865 T8

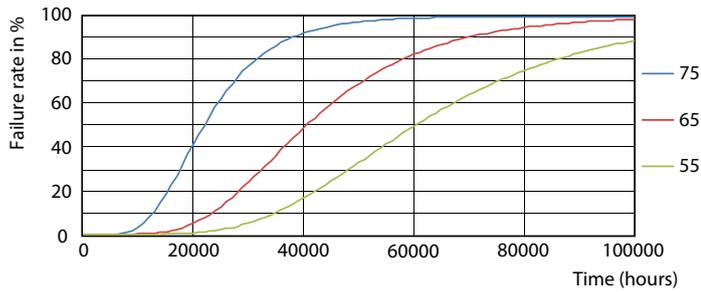
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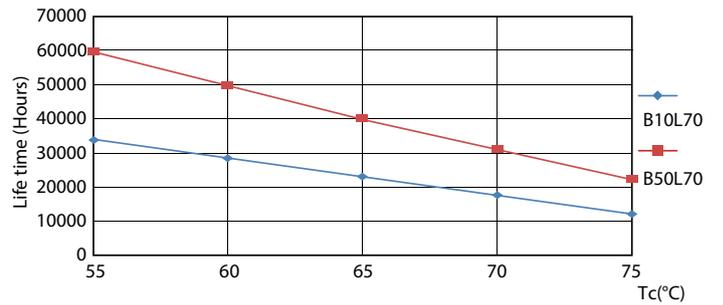


Accent Lighting Spots - MAS LEDtube 1500mm UO 23W 865 T8

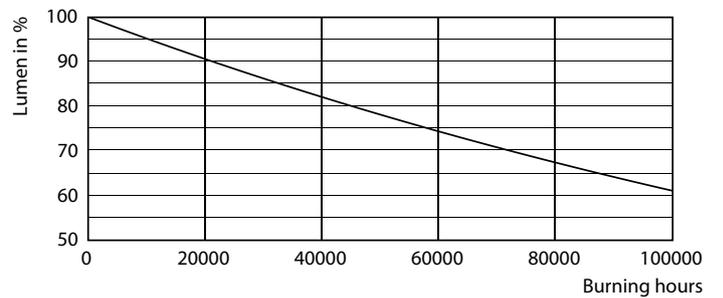
Lifetime



Life Expectancy Diagram - MAS LEDtube 1500mm UO 23W 865 T8



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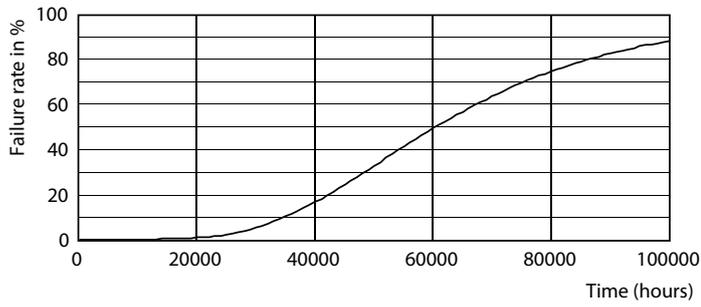


Lumen Maintenance Diagram - MAS LEDtube 1500mm UO 23W 865 T8

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Lifetime



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