



MASTER LEDtube EM/ Mains T8

MASTER LEDtube 1500mm UE 21.5W 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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

Warnings and Safety

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Product data

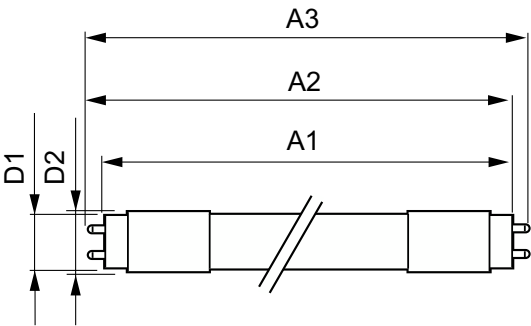
General Information		LLMF At End Of Nominal Lifetime (Nom) 70 %	
Cap-Base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]	Operating and Electrical	
Nominal lifetime	70,000 hour(s)	Line Frequency	50 to 60 Hz
Switching Cycle	200,000	Input Frequency	50 to 60 Hz
Lighting Technology	LED	Power Consumption	21.5 W
EU RoHS compliant	Yes	Lamp Current (Max)	111 mA
Light Technical		Lamp Current (Min)	83 mA
Color Code	865 [CCT of 6500K]	Starting Time (Nom)	0.5 s
Beam Angle (Nom)	160 degree(s)	Warm-up time to 60% light	0.5 s
Luminous Flux	3,700 lm	Power Factor (Fraction)	0.9
Color Designation	Cool Daylight	Voltage (Nom)	220-240 V
Correlated Color Temperature (Nom)	6500 K	Temperature	
Luminous Efficacy (rated) (Nom)	172.00 lm/W	Ambient temperature range	-20 °C to 35 °C
Color Consistency	<6	T-Case Maximum (Nom)	60 °C
Color rendering index (CRI)	83		

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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	TUV CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	22 kWh

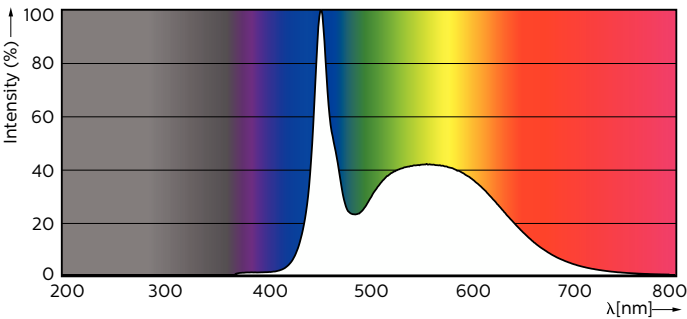
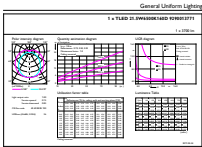
Product Data	
Order product name	MAS LEDtube 1500mm UE 21.5W 865 T8
Full product name	MASTER LEDtube 1500mm UE 21.5W 865 T8
Full product code	871869673156700
Order code	73156700
Material Nr. (12NC)	929001377102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696731567
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696731574

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm UE 21.5W 865 T8	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm

Photometric data

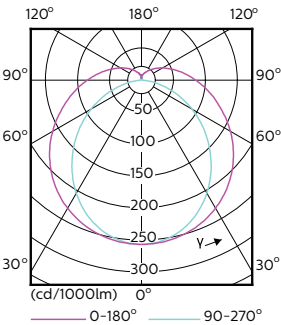


General uniform lighting - MAS LEDtube 1500mm UE 21.5W 865 T8

Spectral Power Distribution Colour - MAS LEDtube 1500mm UE 21.5W 865 T8

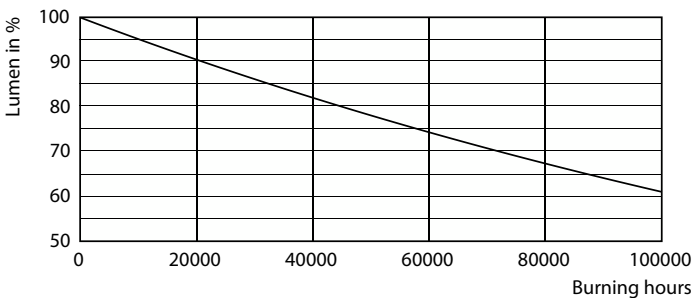
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Photometric data

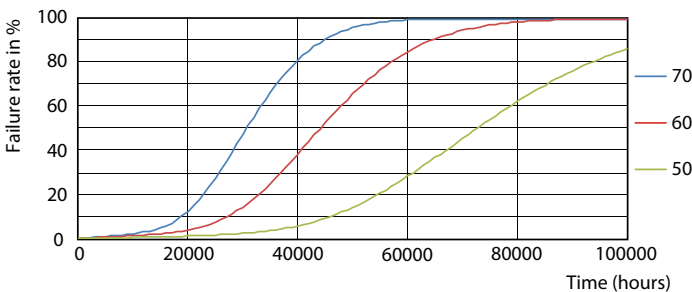


Light Distribution Diagram - MAS LEDtube 1500mm UE 21.5W 865 T8

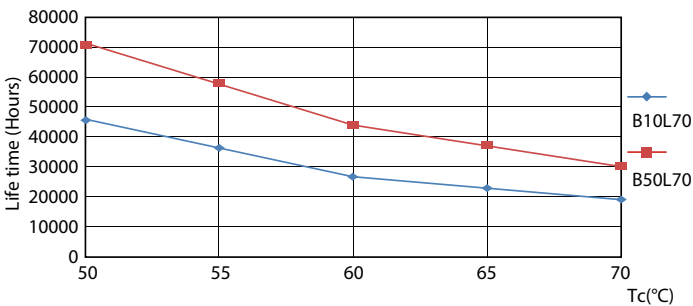
Lifetime



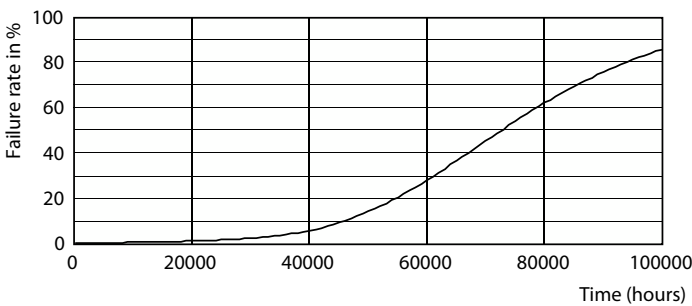
Lumen Maintenance Diagram - MAS LEDtube 1500mm UE 21.5W 865 T8



Life Expectancy Diagram - MAS LEDtube 1500mm UE 21.5W 865 T8



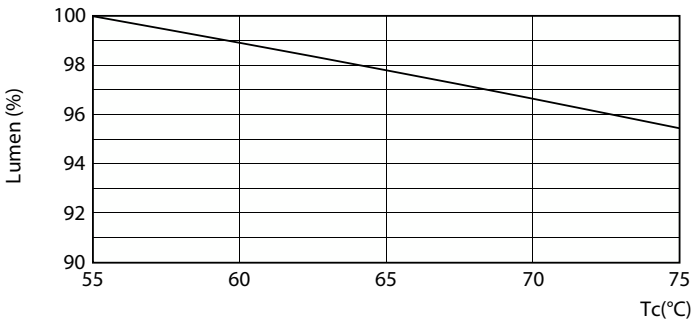
Life Expectancy Diagram - MAS LEDtube 1500mm UE 21.5W 865 T8



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Lifetime



Lumen Maintenance Diagram - MAS LEDtube 1500mm UE 21.5W 865 T8

