



MASTER LEDtube EM/ Mains



MASTER LEDtube 1500mm UO 21.7W 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. This product is the ideal solution for up lighting in general lighting applications.

Warnings and Safety

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Product data

General Information	
Cap base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	70000 h
Switching cycle	200,000X Sphere
Light Technical	
Colour Code	865 [CCT of 6,500 K]
Beam Angle (Nom)	160 °
Lamp Luminous Flux 25°C EL (Nom)	3700 lm
Colour Designation	Cool Daylight
Colour Temperature, horizontal (Nom)	6500 K
Lamp Luminous Efficacy EM (Nom)	170.00 lm/W
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	80

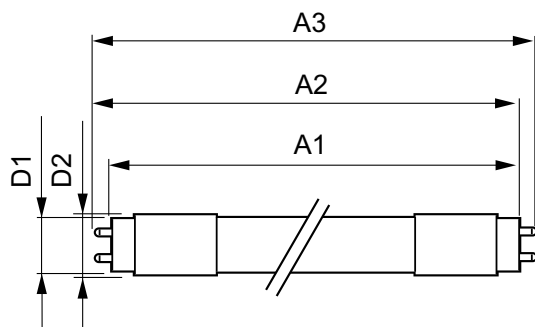
LLMF at end of nominal lifetime (nom.) 70 %	
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	21.7 W
Lamp current (max.)	108 mA
Lamp current (min.)	89 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C

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T-Case maximum (nom.)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Plastic
Product length	1500 mm
Bulb shape	Tube, double-ended
Approval and Application	
Energy Efficiency Class	C
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	22 kWh
	403548
Product Data	
Full product code	871951431666900
Order product name	MASTER LEDtube 1500mm UO 21.7W 865 T8
EAN/UPC – product	8719514316669
Order code	929002998702
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002998702
SAP net weight (piece)	0.450 kg

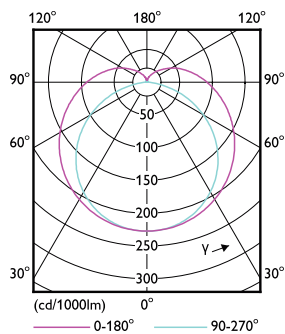
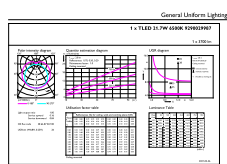
Dimensional drawing



TLED T8 220-240V 21.8-58W 3700lm 6500K

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm UO 21.7W 865 T8	25.8 mm	28 mm	1498.8 mm	1505.9 mm	1513 mm

Photometric data

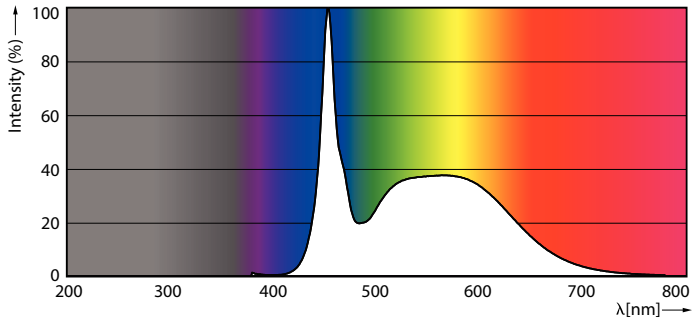


LEDtube MAS 21,7W G13 3700lm 865

LEDtube MAS 14,7W G13 2300lm

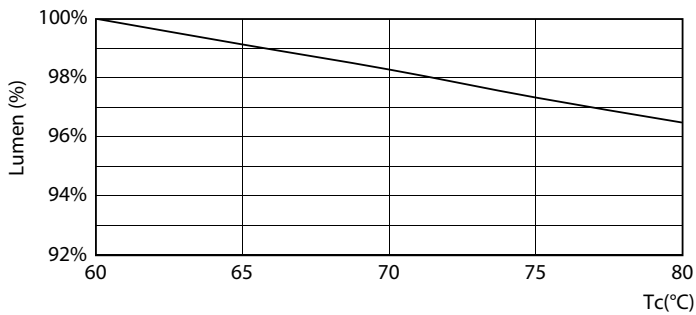
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Photometric data

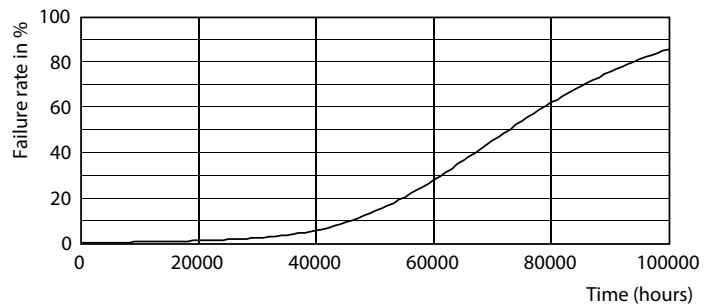


LEDtube MAS 21,7W G13 3700lm 865

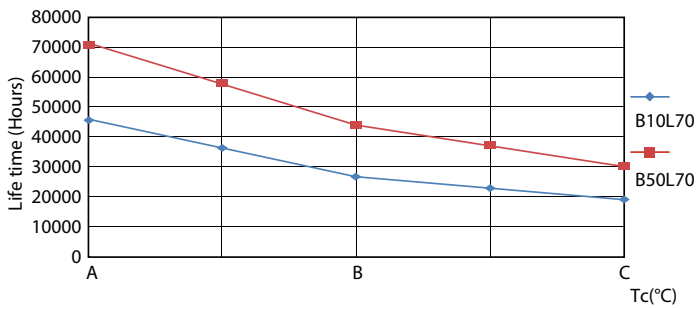
Lifetime



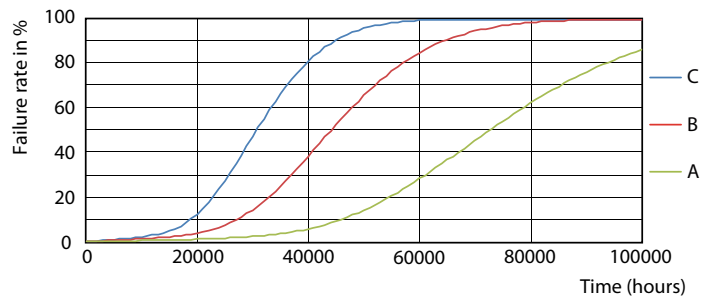
LEDtube MAS 21,7W 70K LumenVsTc



LEDtube_70K-LED



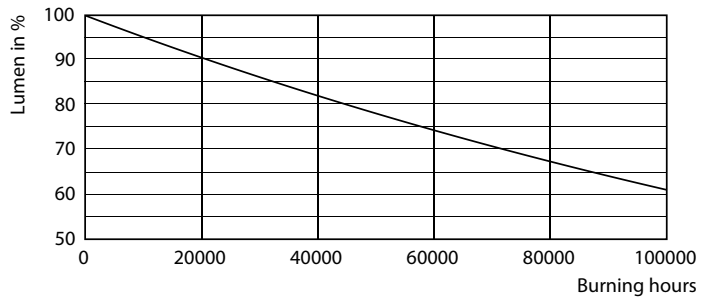
LEDtube_70K_LifetimeVsTc-LED



LEDtube_70K_FailureRate-LED

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Lifetime



LEDtube_70K-LMP

