



MASTER LEDtube EM/ Mains T8

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. 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

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

Product data

General Information		Color Rendering Index (Nom)		80	
Cap-Base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]	LLMF At End Of Nominal Lifetime (Nom)		70 %	
EU RoHS compliant	Yes	Operating and Electrical			
Nominal Lifetime (Nom)	70000 h	Input Frequency	50 to 60 Hz		
Switching Cycle	200000X	Power (Nom)	21.7 W		
Flux measurement reference	Sphere	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		
Light Technical		Power Factor (Nom)	0.9		
Color Code	865 [CCT of 6500K]	Voltage (Nom)	220-240 V		
Beam Angle (Nom)	160 °	Temperature			
Luminous Flux (Nom)	3700 lm	T-Ambient (Max)	45 °C		
Color Designation	Cool Daylight	T-Ambient (Min)	-20 °C		
Correlated Color Temperature (Nom)	6500 K				
Luminous Efficacy (rated) (Nom)	170.00 lm/W				
Color Consistency	<6				

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T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	60 °C

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1500 mm
Bulb Shape	Tube, double-ended

Approval and Application

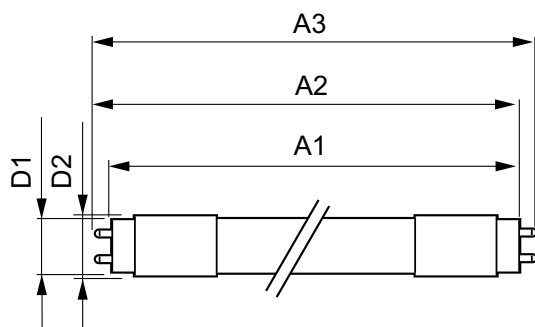
Energy Efficiency Class	C
Energy Saving Product	Yes

Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	22 kWh
EPREL Registration Number	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
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002998702
Net Weight (Piece)	0.450 kg

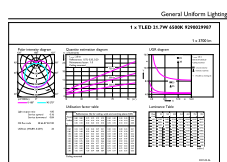
Dimensional drawing



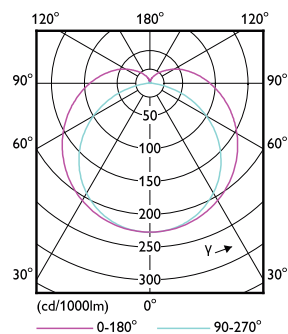
TLED T8 220-240V 21.8-58W 3700lm 6500K

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



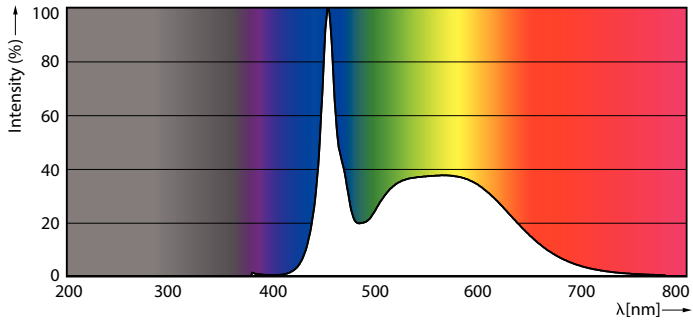
LEDtube MAS 21,7W G13 3700lm 865



LEDtube MAS 14,7W G13 2300lm

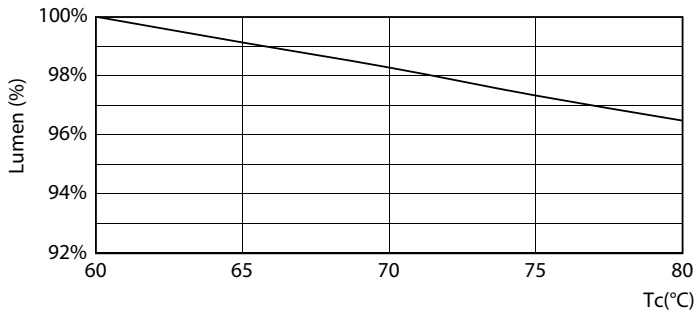
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Photometric data

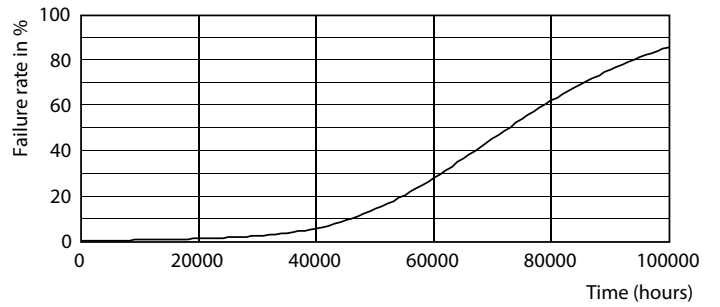


LEDtube MAS 21,7W G13 3700lm 865

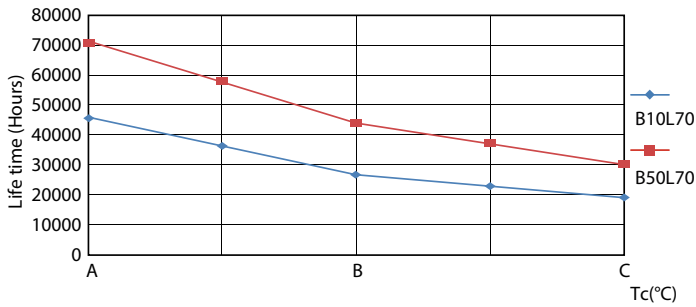
Lifetime



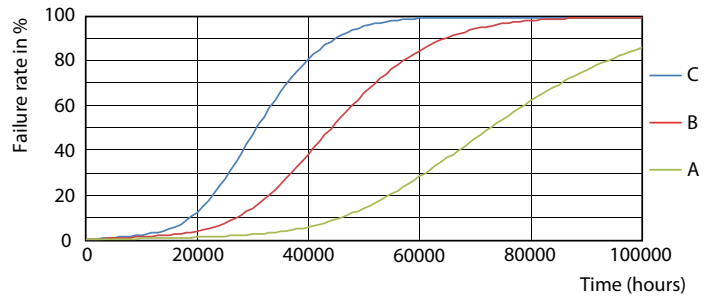
LEDtube MAS 21,7W 70K LumenVsTc



LEDtube_70K-LED



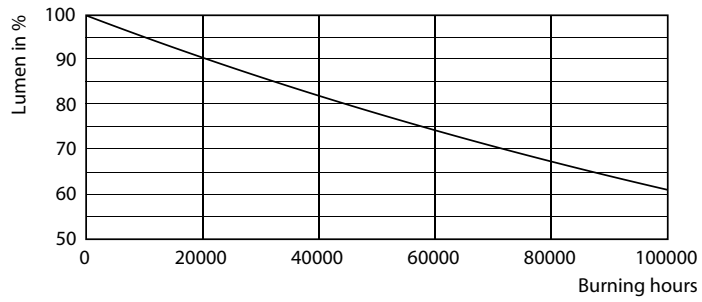
LEDtube_70K_LifetimeVsTc-LED



LEDtube_70K_FailureRate-LED

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Lifetime



LEDtube_70K-LMP

