



MASTER LEDtube EM/ Mains

MASTER LEDtube 1500mm UO 23W 830 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.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	60000 h
Switching Cycle	200000X
Light Technical	
Colour Code	830 [CCT of 3000K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	3400 lm
Colour Temperature, horizontal (Nom)	3000 K
Color Consistency	<6
Colour Rendering Index horiz (Nom)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	23 W
Lamp Current (Max)	108 mA
Lamp Current (Min)	99 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
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Plastic
Product Length	1500 mm

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Approval and Application

Energy Efficiency Label	A++
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	23 kWh

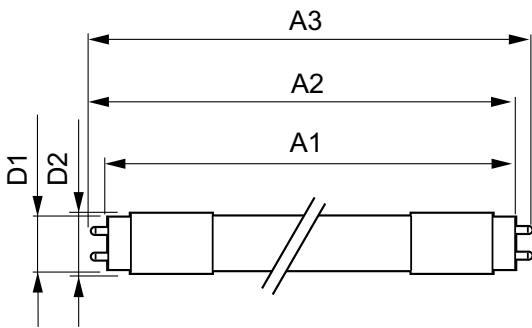
Product Data

Full product code	871869964727800
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Order product name	MASTER LEDtube 1500mm UO 23W 830 T8
EAN/UPC - Product	8718699647278
Order code	64727800
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002020802
Net Weight (Piece)	0.310 kg

Warnings and Safety

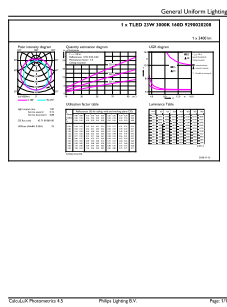
Dimensional drawing



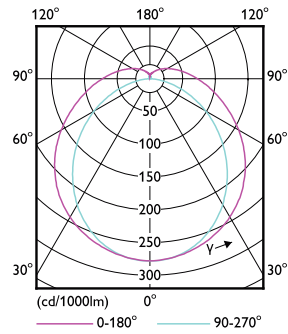
TLED 5ft 220-240V 23-58W 3400lm3000K G13

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm UO 23W 830 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm

Photometric data



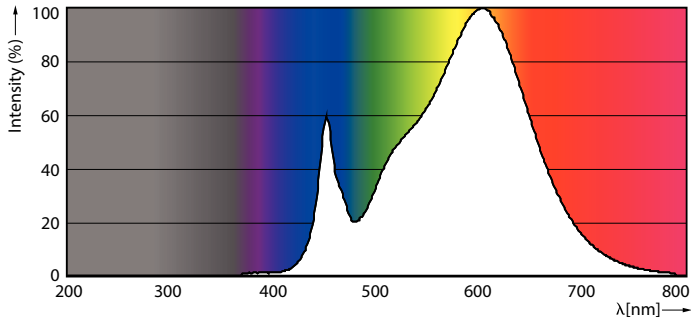
TLED_5ft_220-240V_23-58W_3400lm_3000K_G13



TLED_5ft_220-240V_23-58W_G13

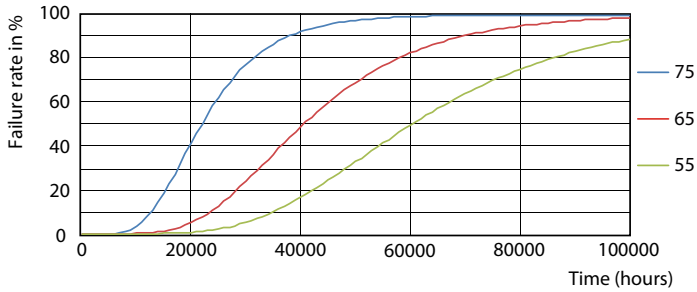
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Photometric data

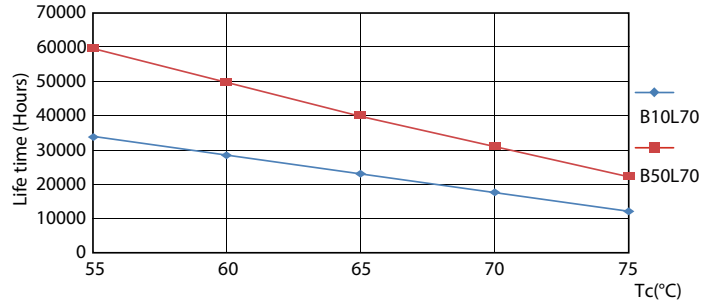


TLED_5ft_220-240V_23-58W_3400lm_3000K_G13

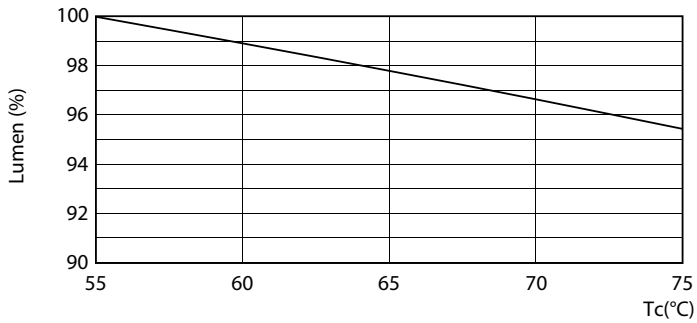
Lifetime



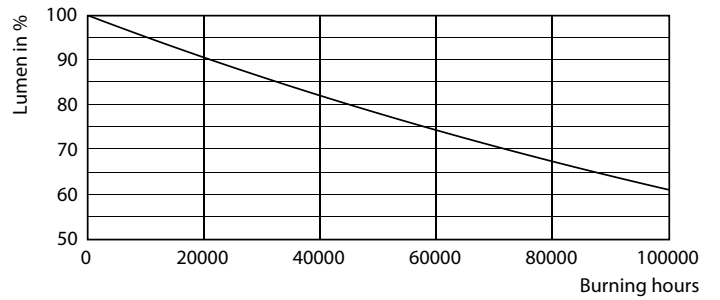
TLED_220-240V_G13-FailureRate



TLED_220-240V_G13-LifetimeVsTc



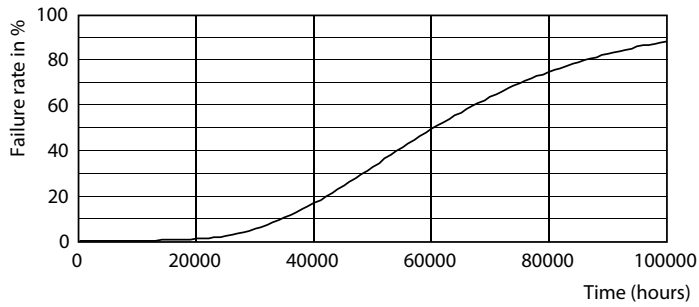
TLED_220-240V_G13-LumenVsTc



TLED_220-240V_G13

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Lifetime



TLED_220-240V_G13

