



# MASTER LEDtube EM/ Mains

## MASTER LEDtube 1200mm UO 15.5W 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)	2300 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)	15.5 W
Lamp Current (Max)	73 mA
Lamp Current (Min)	67 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)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Plastic
Product Length	1200 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	16 kWh

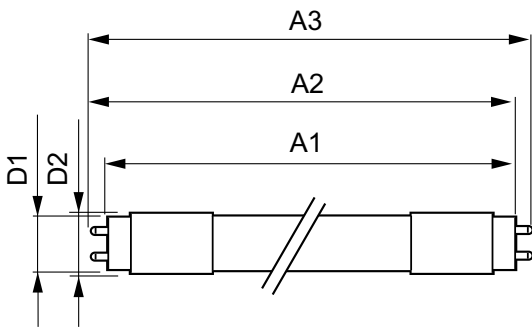
## Product Data

Full product code	871869964721600
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Order product name	MASTER LEDtube 1200mm UO 15.5W 830 T8
EAN/UPC - Product	8718699647216
Order code	64721600
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002020502
Net Weight (Piece)	0.251 kg

## Warnings and Safety

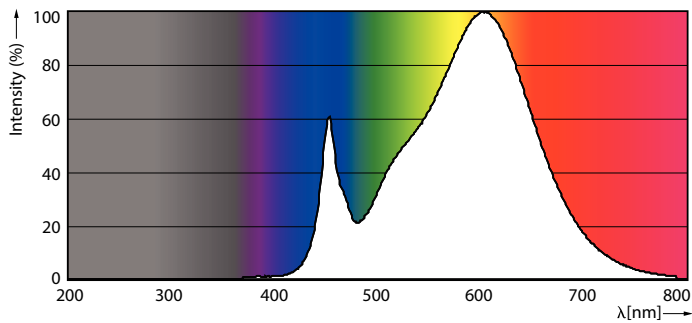
### Dimensional drawing



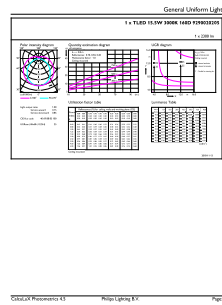
TLED 4ft 220-240V15.5-36W 2300lm3000KG13

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm UO 15.5W 830 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

### Photometric data



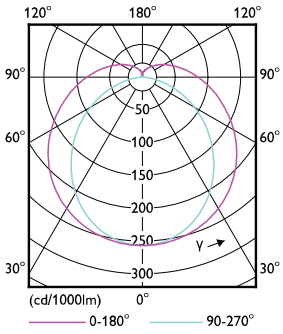
TLED\_4ft\_220-240V15.5-36W\_2300lm\_3000K\_G13



TLED\_4ft\_220-240V15.5-36W\_2300lm\_3000K\_G13

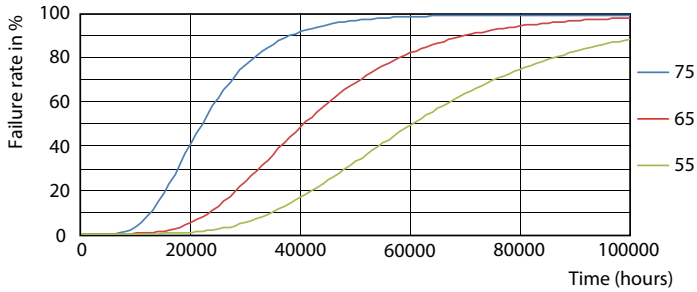
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## Photometric data

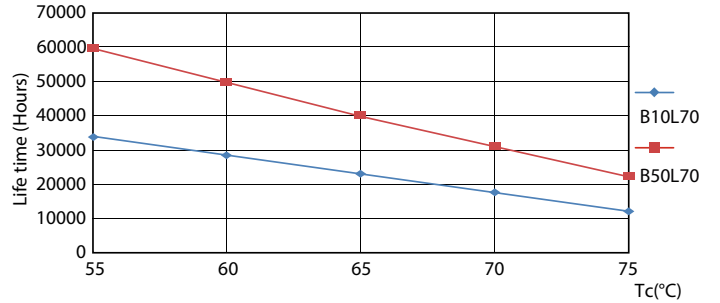


TLED\_4ft\_220-240V15.5-36W\_G13-LDD

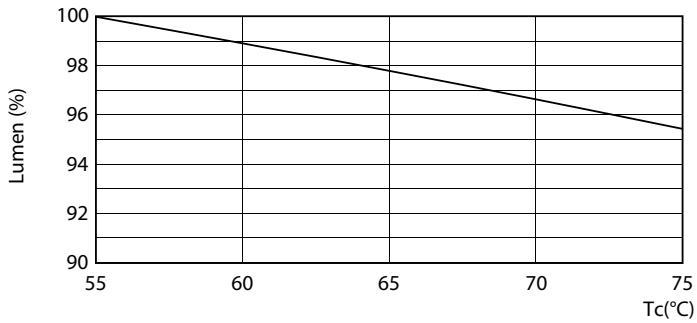
## Lifetime



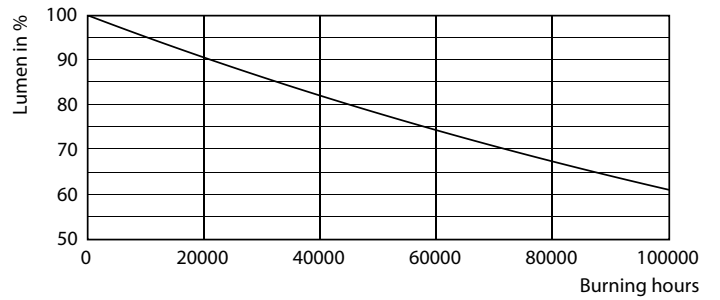
TLED\_220-240V\_G13-FailureRate



TLED\_220-240V\_G13-LifetimeVsTc



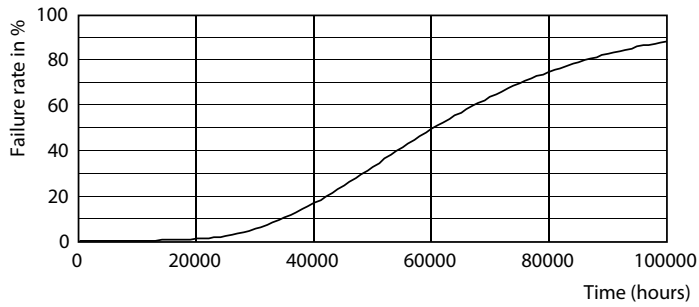
TLED\_220-240V\_G13-LumenVsTc



TLED\_220-240V\_G13

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## Lifetime



TLED\_220-240V\_G13

