



# MASTER LEDtube EM/ Mains

## MASTER LEDtube 1200mm UO 15.5W 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

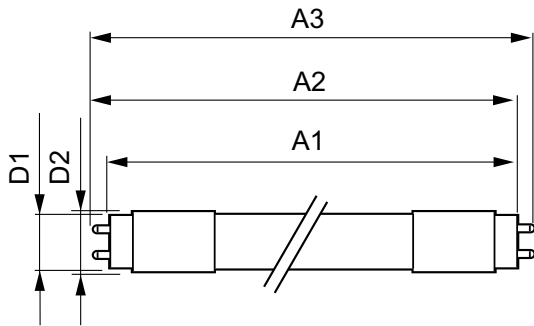
General Information	
Cap base	G13 ROT (Rotating) [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	60000 h
Switching cycle	200,000X
LLMF at end of nominal lifetime (nom.) 70 %	
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	15.5 W
Lamp current (max.)	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
Light Technical	
Colour Code	865 [ CCT of 6,500 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2500 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	161.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	83

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T-Case maximum (nom.)	55 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb material	Plastic
Product length	1200 mm
<b>Approval and Application</b>	
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	16 kWh
<b>Product Data</b>	
Full product code	871869964725400
Order product name	MASTER LEDtube 1200mm UO 15.5W 865 T8
EAN/UPC – product	8718699647254
Order code	64725400
Numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002020702
SAP net weight (piece)	0.251 kg

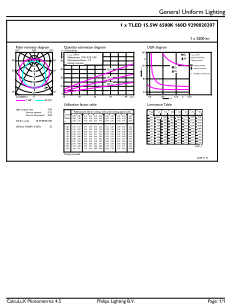
## Dimensional drawing



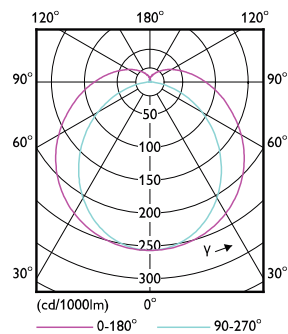
TLED 4ft 220-240V 15.5-36W2500lm6500KG13

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm UO 15.5W 865 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

## Photometric data



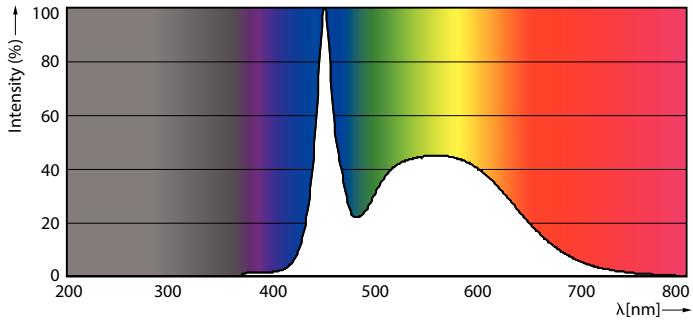
TLED\_4ft\_220-240V\_15.5-36W2500lm\_6500K\_G13



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

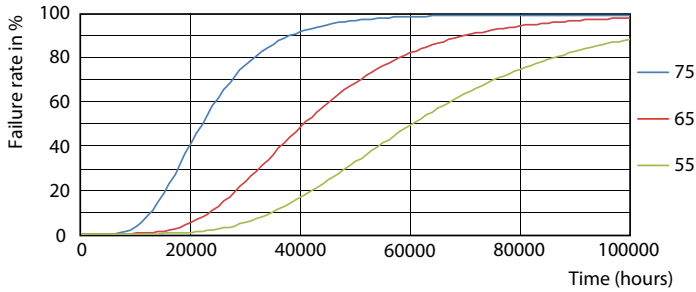
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## Photometric data

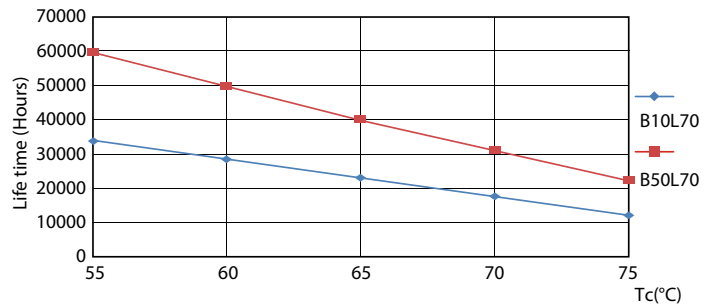


TLED\_4ft\_220-240V\_15.5-36W2500lm\_6500K\_G13

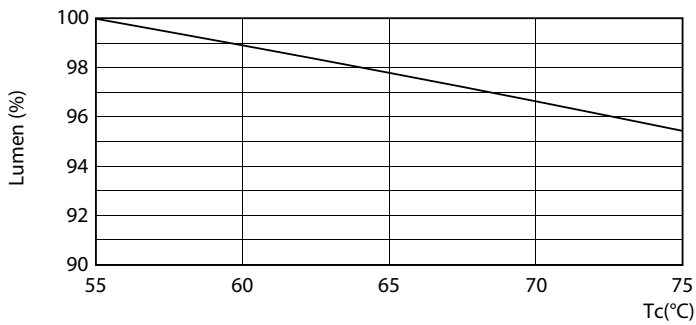
## Lifetime



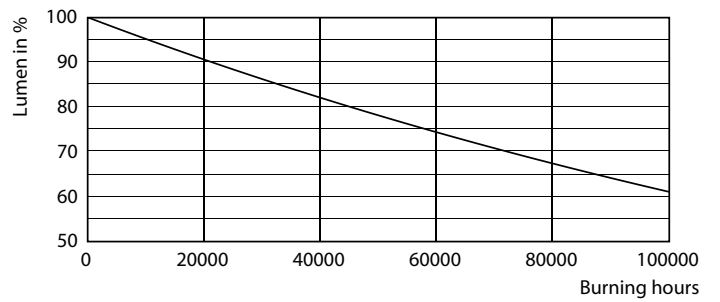
TLED\_220-240V\_G13-FailureRate



TLED\_220-240V\_G13-LifetimeVsTc



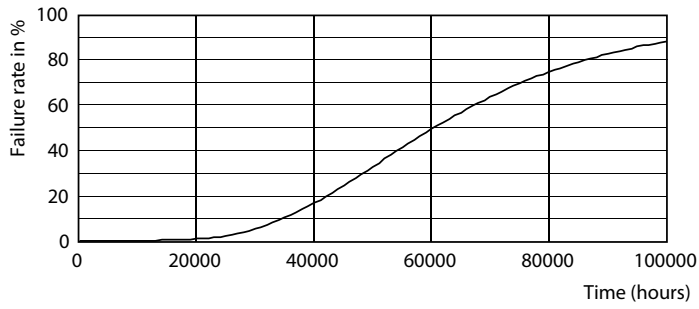
TLED\_220-240V\_G13-LumenVsTc



TLED\_220-240V\_G13

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## Lifetime



TLED\_220-240V\_G13

