



MASTER LEDtube EM/ Mains

MASTER LEDtube 1200mm UE 14.5W 840 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.)	70000 h
Switching cycle	200,000X

Light Technical	
Colour Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2500 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	172.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	83

LLMF at end of nominal lifetime (nom.) 70 %	
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Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	14.5 W
Lamp current (max.)	74 mA
Lamp current (min.)	56 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

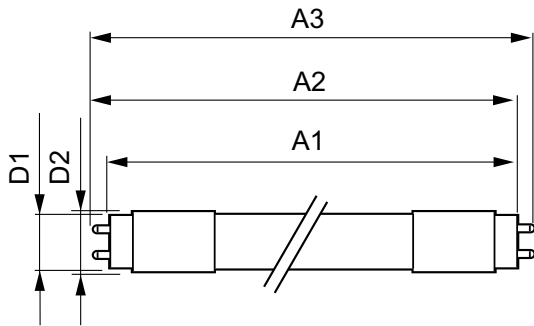
Temperature	
T-ambient (max.)	35 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C

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

Energy consumption kWh/1,000 hours	15 kWh
Product Data	
Full product code	871869673150500
Order product name	MASTER LEDtube 1200mm UE 14.5W 840 T8
EAN/UPC – product	8718696731505
Order code	73150500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001376802
SAP net weight (piece)	0.270 kg

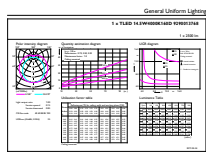
Dimensional drawing



TLED 4ft 14.5-36W 2500lm 4000K G13 ND

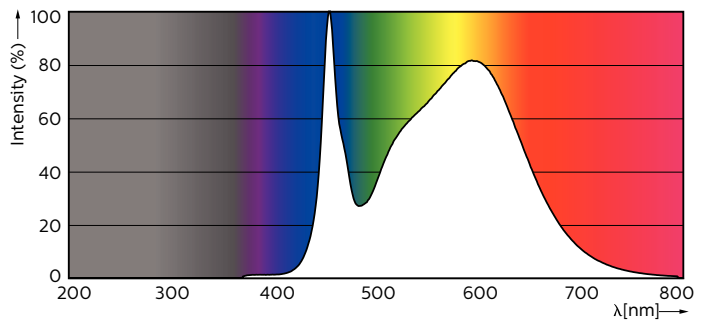
Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm UE 14.5W 840 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

Photometric data



General Uniform Lighting
1 x T840 14.5W/36W LED Tube
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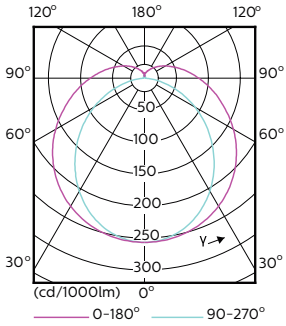
LEDtube 1200mm 15W G13 840 2500lm



LEDtube 1200mm 15W G13 840 2500lm

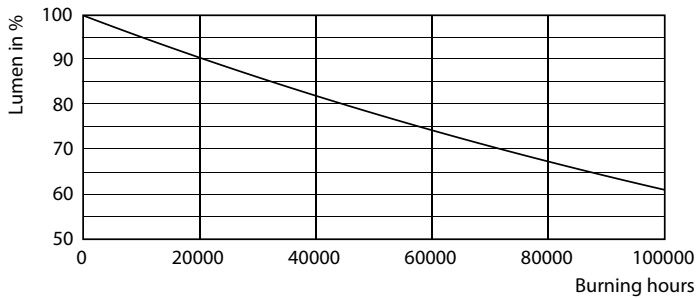
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Photometric data

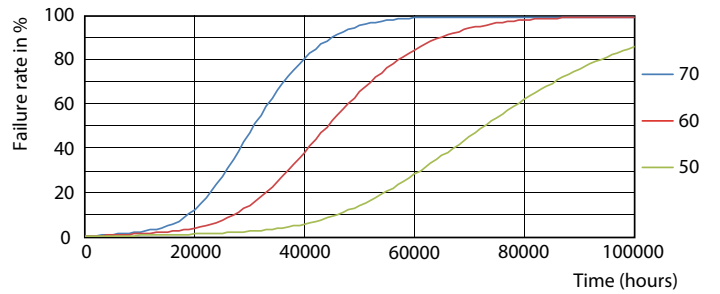


LEDtube 1200mm 15W G13 840 2500lm

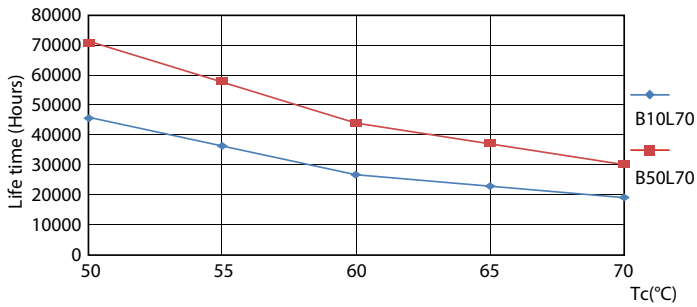
Lifetime



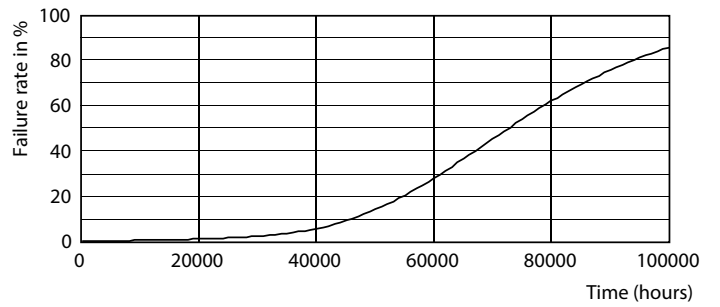
LEDtube G13 ND



LEDtube G13 ND FailureRate



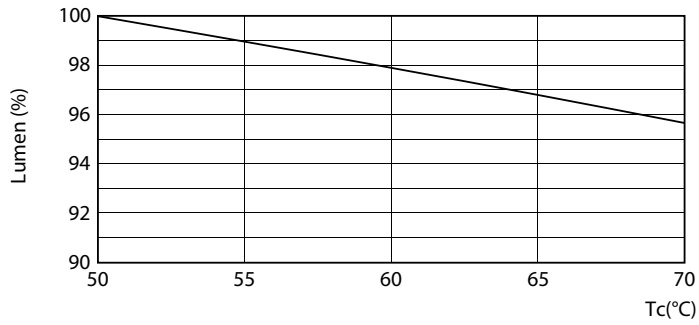
LEDtube G13 ND LifetimeVsTc



LEDtube G13 ND

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Lifetime



LEDtube G13 14.5W ND LumenVsTc

