



# MASTER LEDtube EM/ Mains T8



## MASTER LEDtube 600mm HO 8W865 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	
Cap-Base	G13 ROT (Rotating) [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	70000 h
Switching Cycle	200000X
Flux measurement reference	Sphere
Light Technical	
Color Code	865 [ CCT of 6500K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	1050 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	131.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	8 W
Lamp Current (Max)	42 mA
Lamp Current (Min)	36 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

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T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	50 °C

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	600 mm
Bulb Shape	Tube, double-ended

## Approval and Application

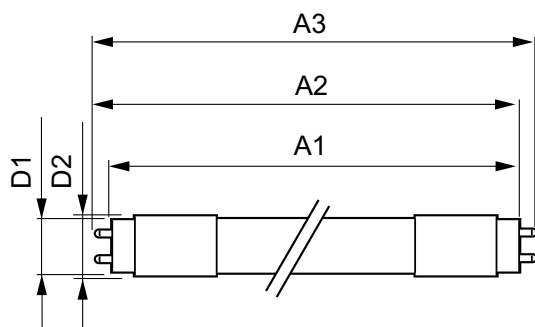
Energy Efficiency Class	E
Energy Saving Product	Yes

Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	465200

## Product Data

Full product code	871869669751100
Order product name	MASTER LEDtube 600mm HO 8W865 T8
EAN/UPC - Product	8718696697511
Order code	929001307202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001307202
Net Weight (Piece)	0.150 kg

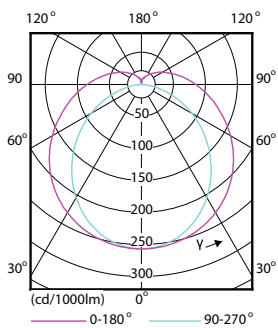
## Dimensional drawing



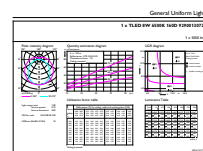
TLED 220-240V 8W-18W 1050lm 6500K G13

Product	D1	D2	A1	A2	A3
MASTER LEDtube 600mm HO 8W865 T8	25.78 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

## Photometric data



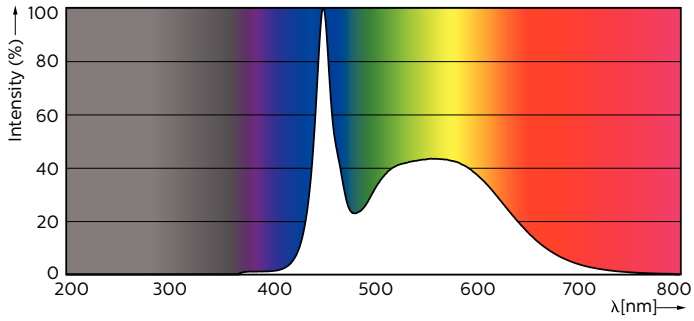
LEDtube 600mm 1200mm 1500mm UO T8



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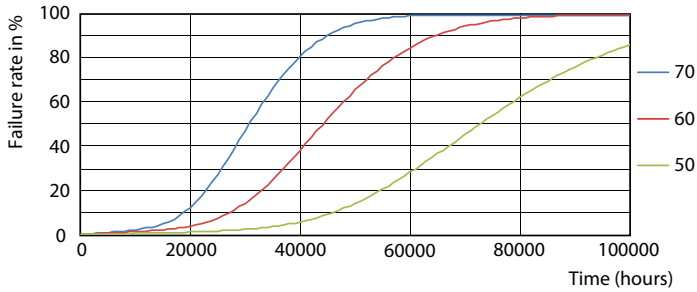
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## Photometric data

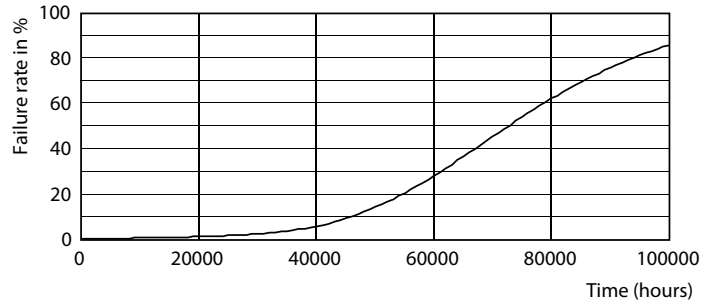


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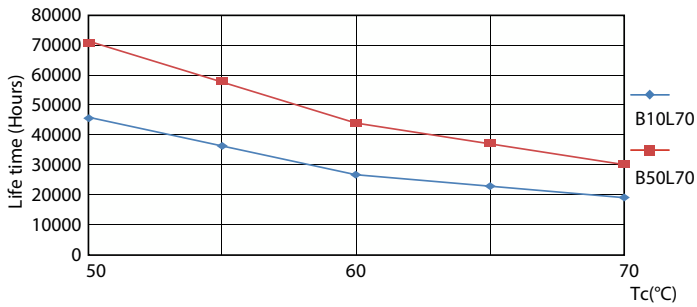
## Lifetime



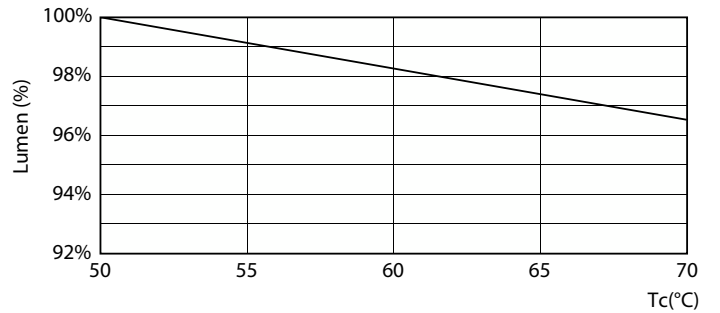
LEDtube 70K 5070 FailureRate-LED



LEDtube\_70K-LED



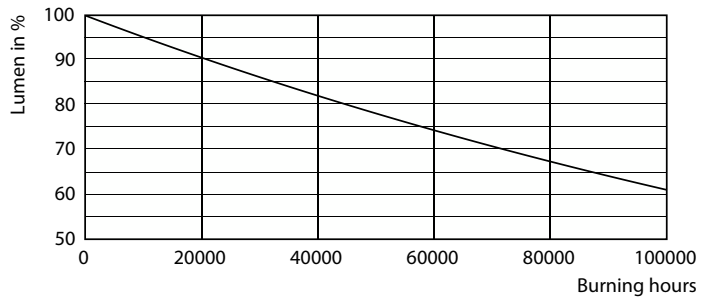
LEDtube 70K 5070 LifetimeVsTc-LED



LEDtube 70K 5070 LumenVsTc-LMP

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## Lifetime



LEDtube\_70K-LMP

