



# MASTER LEDtube EM/ Mains T8

## MASTER LEDtube 1200mm 14W 865 T8 THD

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

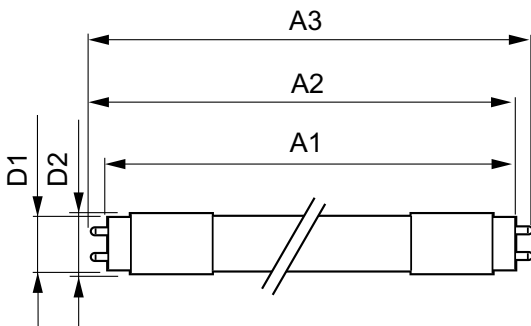
General Information		LLMF At End Of Nominal Lifetime (Nom) 70 %	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	<b>Operating and Electrical</b>	
EU RoHS compliant	Yes	Input Frequency	50 to 60 Hz
Nominal Lifetime (Nom)	50000 h	Power (Nom)	14 W
Switching Cycle	50000X	Lamp Current (Max)	73 mA
<b>Light Technical</b>		Lamp Current (Min)	54 mA
Color Code	865 [ CCT of 6500K]	Starting Time (Nom)	0.5 s
Beam Angle (Nom)	160 °	Warm Up Time to 60% Light (Nom)	0.5 s
Luminous Flux (Nom)	2100 lm	Power Factor (Nom)	0.9
Color Designation	Cool Daylight	Voltage (Nom)	220-240 V
Correlated Color Temperature (Nom)	6500 K	<b>Temperature</b>	
Luminous Efficacy (rated) (Nom)	150.00 lm/W	T-Ambient (Max)	45 °C
Color Consistency	<6	T-Ambient (Min)	-20 °C
Color Rendering Index (Nom)	83	T-Storage (Max)	65 °C

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T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	55 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Product Length	1200 mm
<b>Approval and Application</b>	
Energy Efficiency Label (EEL)	A++
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate

Energy Consumption kWh/1000 h	14 kWh
<b>Product Data</b>	
Full product code	871869672859800
Order product name	MASTER LEDtube 1200mm 14W 865 T8 THD
EAN/UPC - Product	8718696728598
Order code	929001375308
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001375308
Net Weight (Piece)	0.215 kg

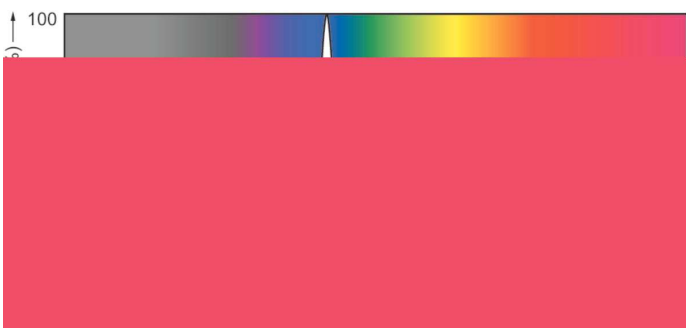
## Dimensional drawing



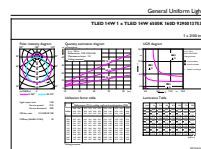
TLED 4ft 220-240V14W-36W 6500K G13 ND

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm 14W 865 T8 THD	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

## Photometric data



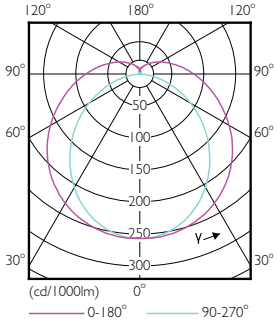
LEDtubes, TLED T12 120-277V 20W 6500K G13



MAS LEDtube EM 14W G13 765 T8 THD

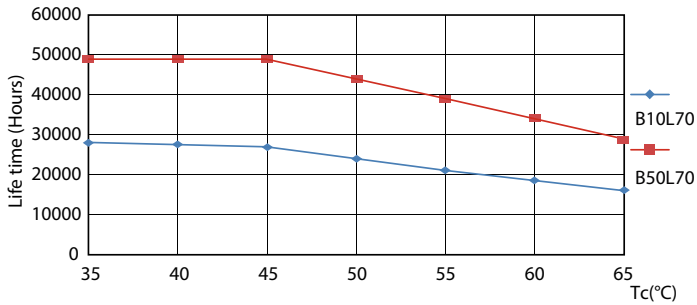
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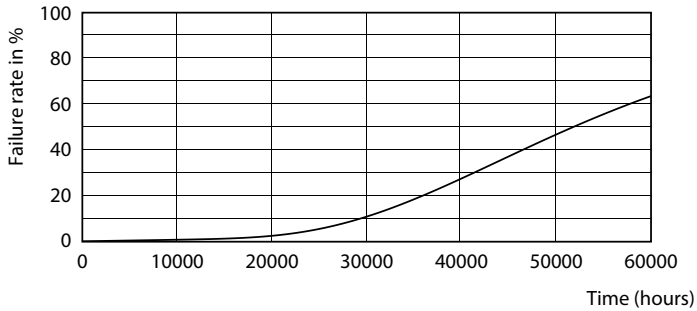


MAS LEDtube EM 14W G13 740 T8 THD

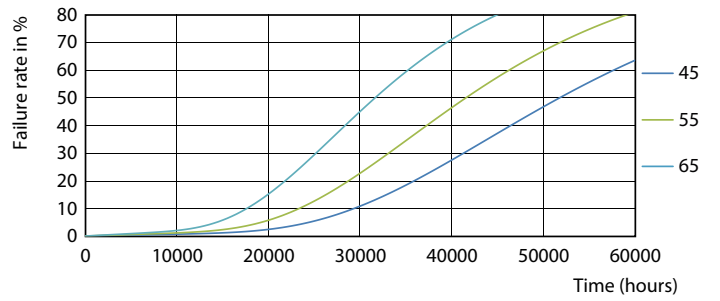
## Lifetime



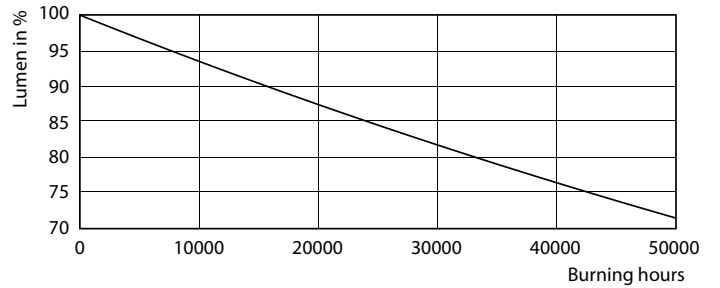
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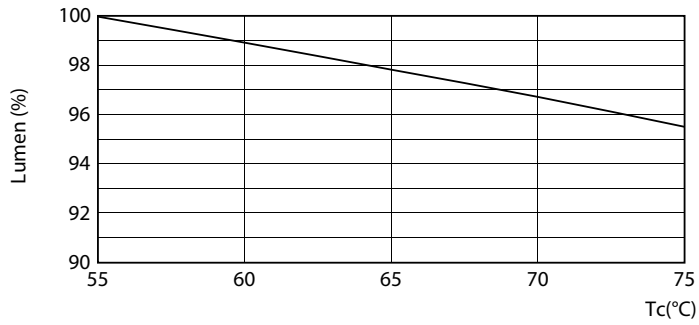
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