



# MASTER LEDtube EM/ Mains

## 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

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### Product data

General Information	
Cap base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	50000 h
Switching cycle	50,000X

Light Technical	
Colour Code	865 [ CCT of 6,500 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2100 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	150.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	83
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	14 W
Lamp current (max.)	73 mA
Lamp current (min.)	54 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

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## Controls and Dimming

Dimmable No

## Mechanical and Housing

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 14 kWh

## Product Data

Full product code 871869672859800

Order product name MASTER LEDtube 1200mm 14W 865 T8 THD

EAN/UPC – product 8718696728598

Order code 72859800

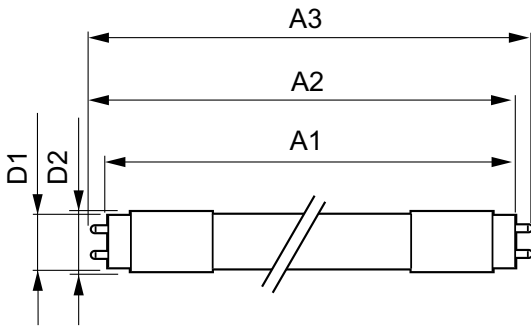
SAP numerator – quantity per pack 1

Numerator – packs per outer box 10

Material no. (12 NC) 929001375308

SAP net weight (piece) 0.215 kg

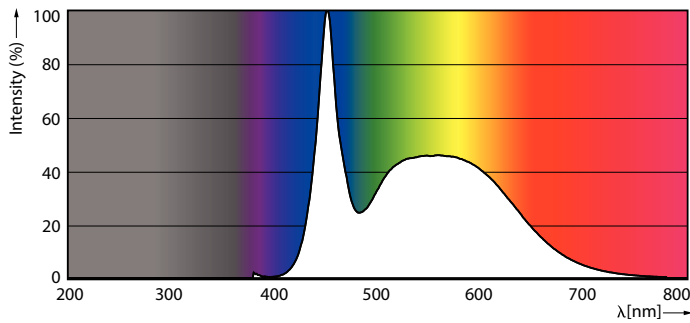
## Dimensional drawing



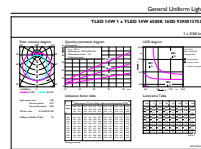
TLED 4ft 220-240V14W-36W 6500K G13 ND

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



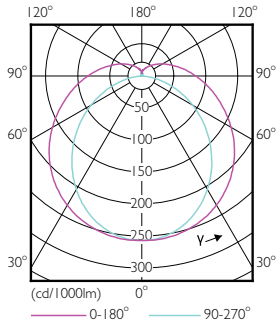
LEDtubes, TLED T12 120-277V 20W 6500K G13



MAS LEDtube EM 14W G13 765 T8 THD

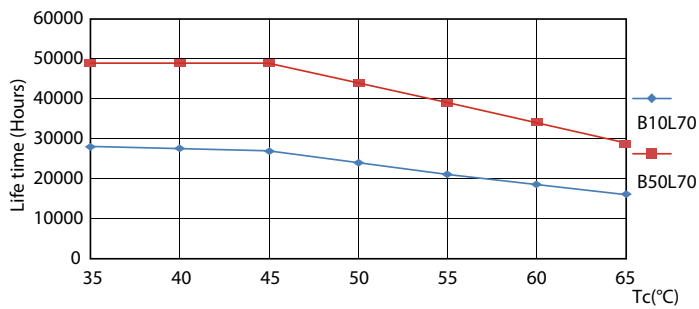
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## Photometric data

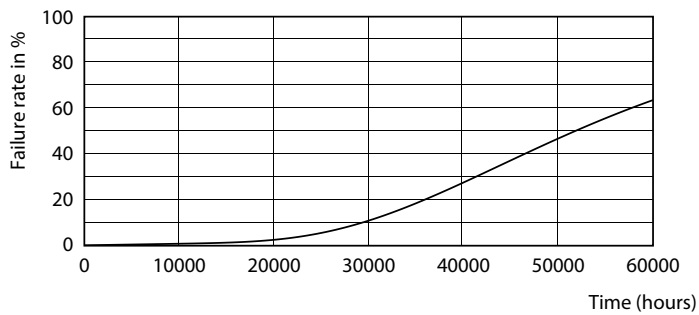


MAS LEDtube EM 14W G13 740 T8 THD

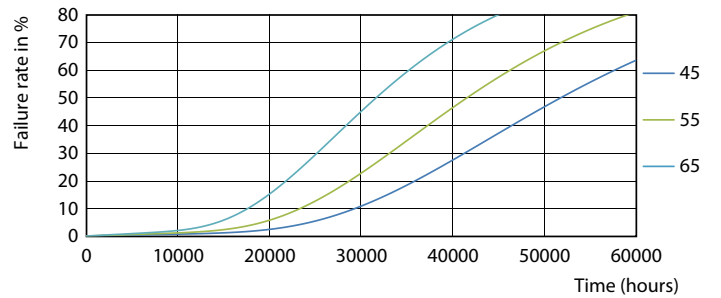
## Lifetime



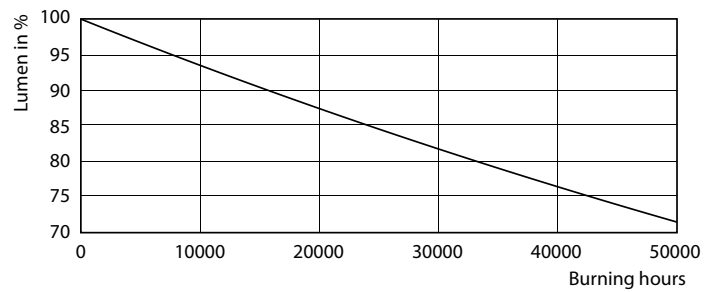
MAS LEDtube EM 14W G13 740-765 T8 THD



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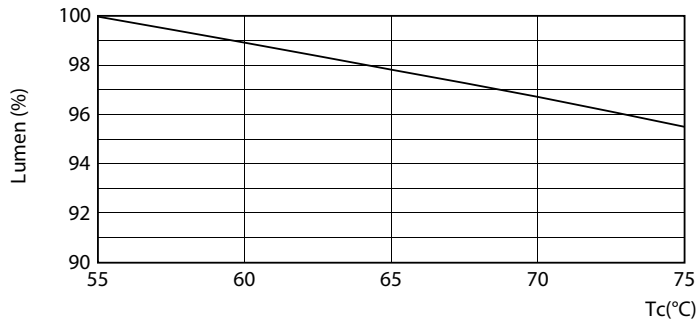
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## Lifetime



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