



# MASTER LEDtube EM/ Mains

## MASTER LEDtube 1200mm HO 14W840 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. This product is the ideal solution for up lighting in general lighting applications.

### Warnings and Safety

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### Product data

General Information		Operating and Electrical	
Cap base	G13 [ Medium Bi-Pin Fluorescent]	Input frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power (Rated) (Nom)	14 W
Nominal lifetime (nom.)	50000 h	Lamp current (max.)	65 mA
Switching cycle	200,000X	Lamp current (min.)	60 mA
<b>Light Technical</b>		Starting time (nom.)	0.5 s
Colour Code	840 [ CCT of 4,000 K]	Warm-up time to 60% light (nom.)	0.5 s
Technical Beam Angle (Nom)	160 °	Power factor (nom.)	0.9
Lamp Luminous Flux 25°C EL (Nom)	2100 lm	Voltage (Nom)	220-240 V
Colour Designation	Cool White (CW)	<b>Temperature</b>	
Colour Temperature, horizontal (Nom)	4000 K	T-ambient (max.)	45 °C
Lamp Luminous Efficacy EM (Nom)	150.00 lm/W	T-ambient (min.)	-20 °C
Colour consistency	<6	T storage (max.)	65 °C
Colour Rendering Index,horiz (Nom)	83	T storage (min.)	-40 °C
LLMF at end of nominal lifetime (nom.)	70 %	T-Case maximum (nom.)	55 °C

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## Controls and Dimming

Dimmable No

## Mechanical and Housing

Product length 1200 mm

Bulb shape Tube, double-ended

## Approval and Application

Energy-saving product Yes

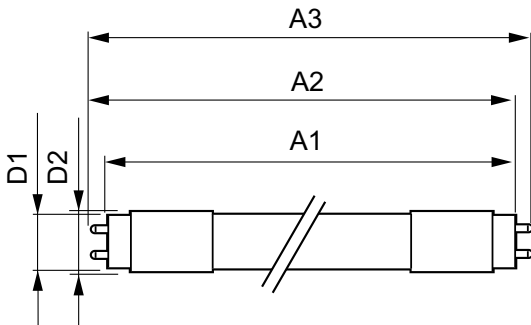
Approval marks CE marking RoHS compliance KEMA Keur certificate

Energy consumption kWh/1,000 hours 14 kWh

## Product Data

Full product code	871869668726000
Order product name	MASTER LEDtube 1200mm HO 14W840 T8
EAN/UPC – product	8718696687260
Order code	929001299308
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001299308
SAP net weight (piece)	0.215 kg

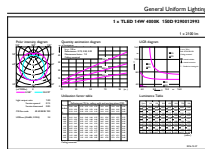
## Dimensional drawing



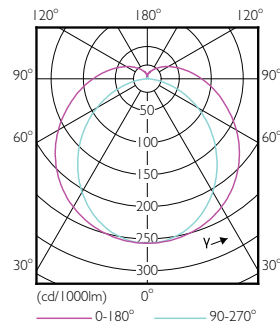
TLED 4ft 14W-36W 2100lm 150D 4000K G13ND

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm HO 14W840 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

## Photometric data



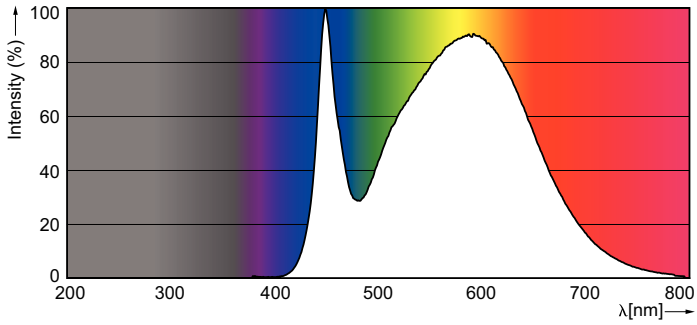
MAS LEDtube HO 14W G13 840 T8



MAS LEDtube HO 14W G13 830-865 T8

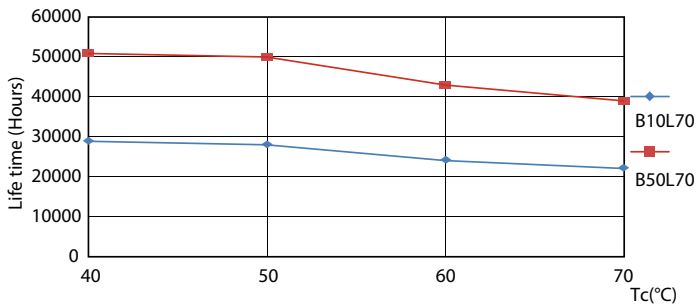
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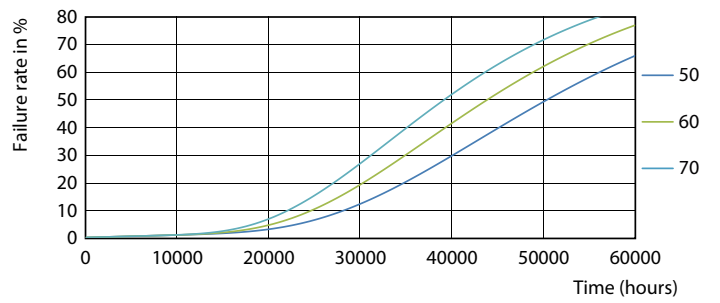


SDPO\_MLED\_APR\_0015-Spectral Power distribution

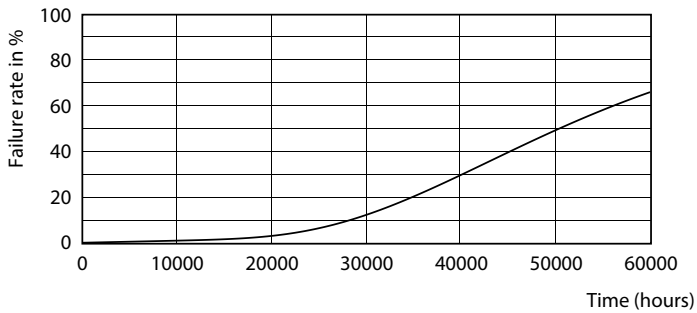
## Lifetime



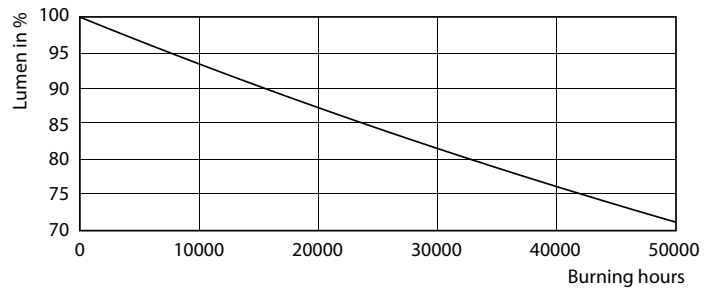
MAS LEDtube HO 14W G13 830-865 T8



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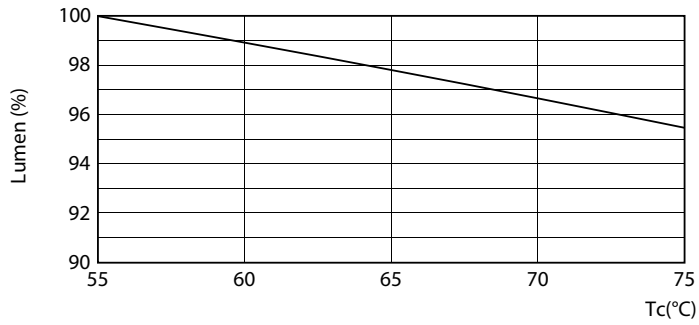
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## Lifetime



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