



MASTER LEDtube EM/ Mains

MASTER LEDtube 1200mm HO 12.5W 865 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.

Product data

General Information	
Cap base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	60000 h
Switching cycle	200000X

Light Technical	
Colour code	865 [CCT of 6,500 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2100 lm
Correlated colour temperature (nom.)	6500 K
Colour 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 (Rated) (Nom)	12.5 W
Lamp current (max.)	59 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.)	50 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product length	1200 mm

Approval and Application	
Energy efficiency label (EEL)	A++

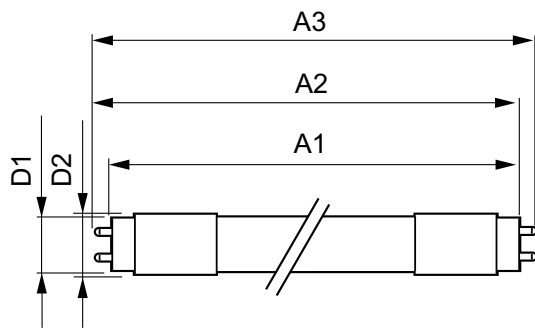
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Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	13 kWh
Product Data	
Full product code	871869959239400
Order product name	MASTER LEDtube 1200mm HO 12.5W 865 T8

EAN/UPC – product	8718699592394
Order code	59239400
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001922802
Net weight (piece)	0.250 kg

Warnings and Safety

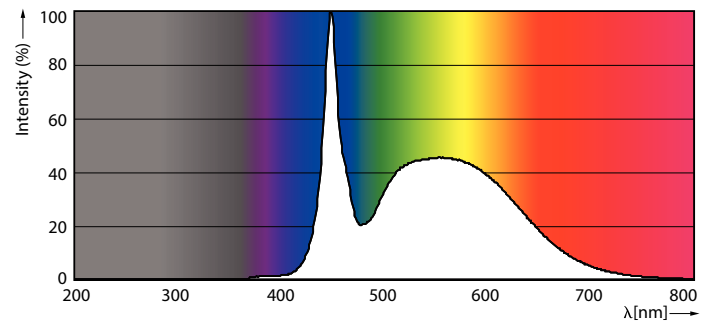
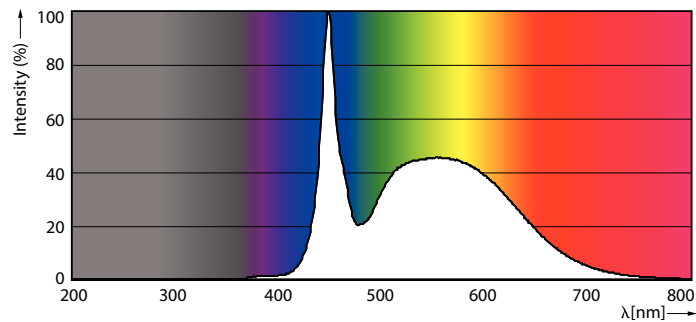
Dimensional drawing



Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm HO 12.5W 865 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

TLED master HE 2100lm 12.35w 4ft 6500k

Photometric data

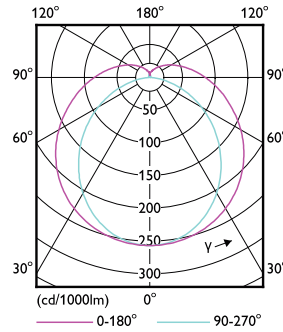
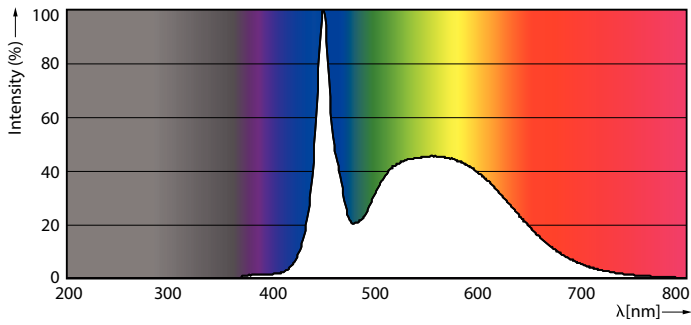


LEDtube T8 MAS HO G13 865

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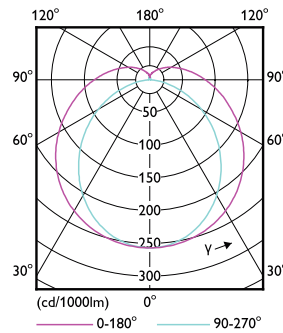
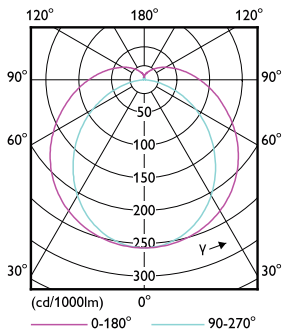
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Photometric data



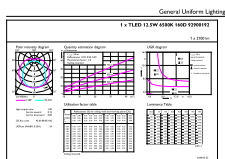
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LEDtube MAS HO 12.5W G13 830 16D ND

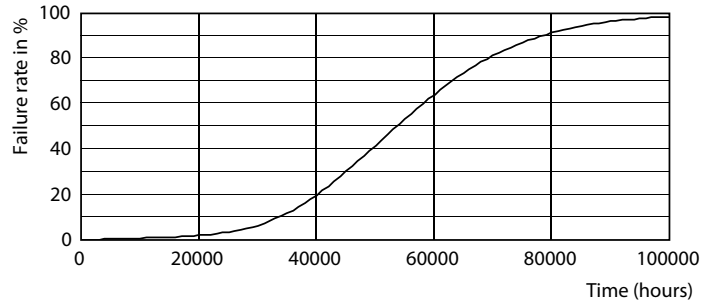
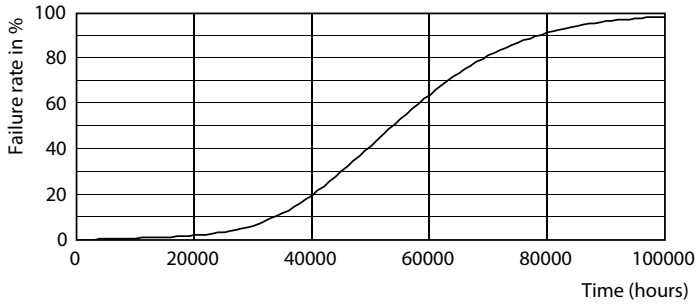


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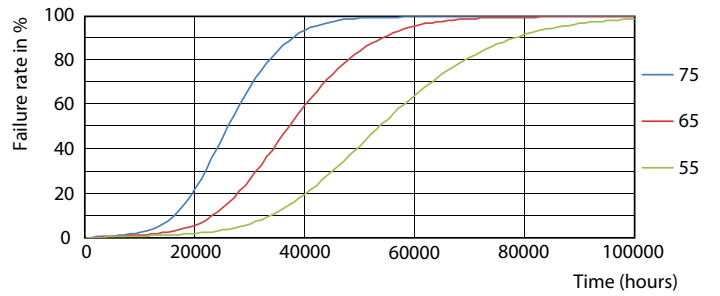
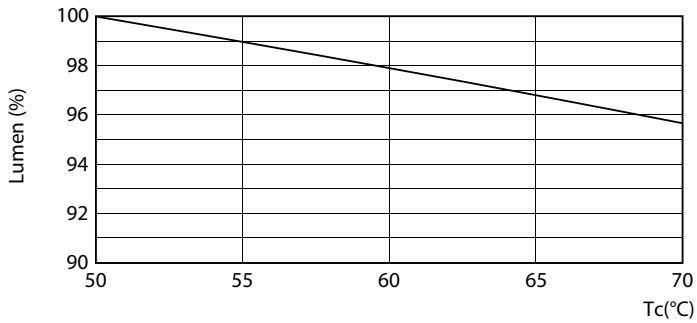
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Lifetime



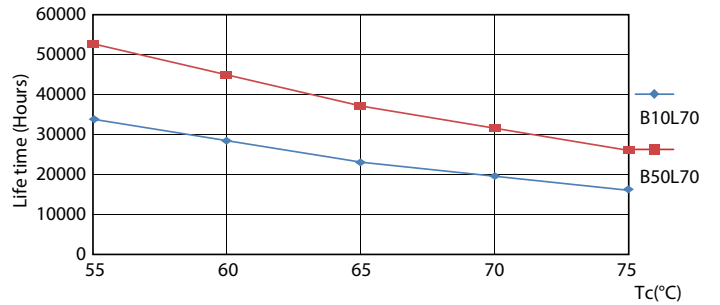
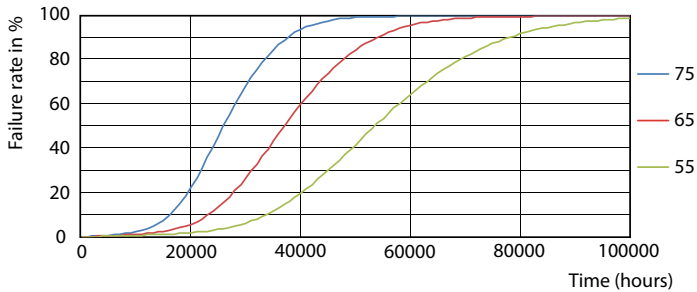
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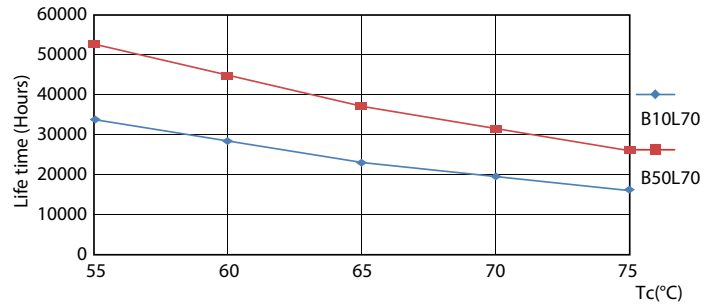
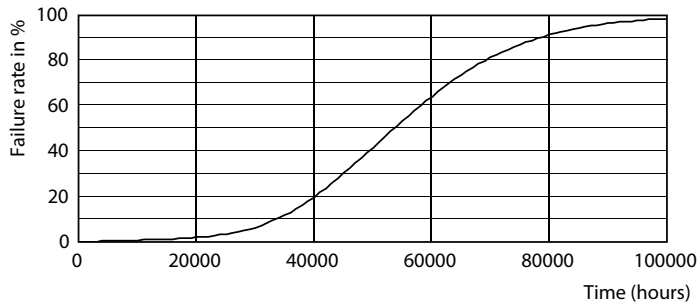


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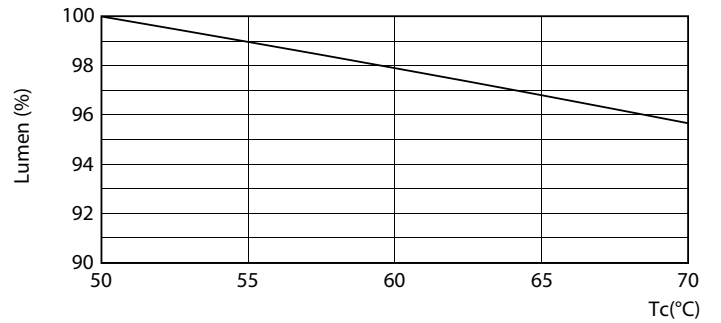
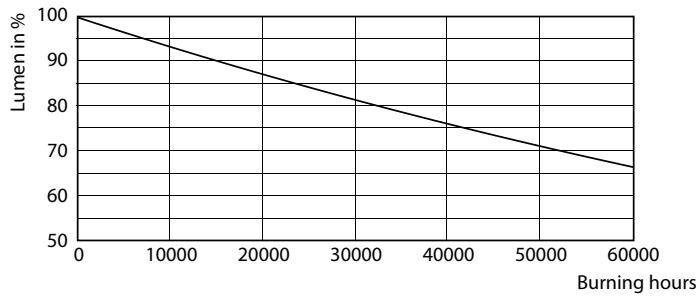
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Lifetime



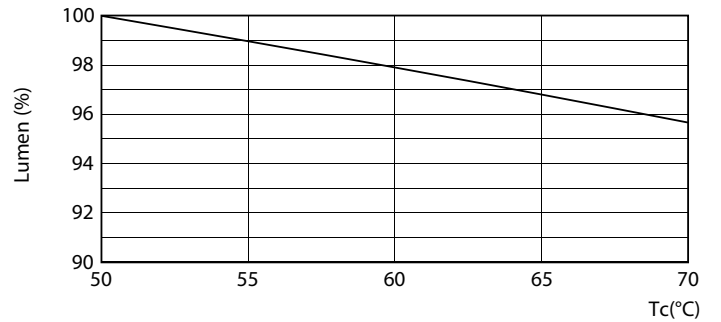
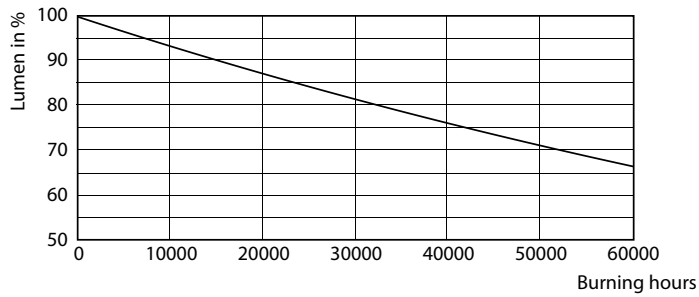
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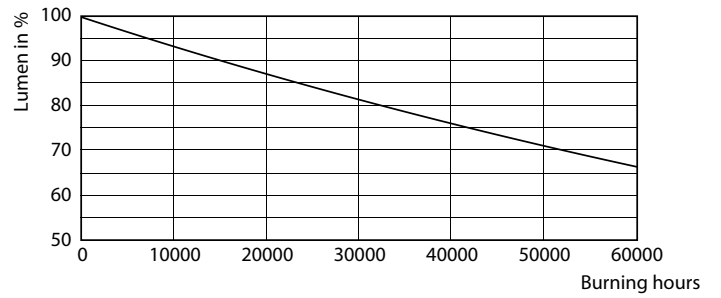
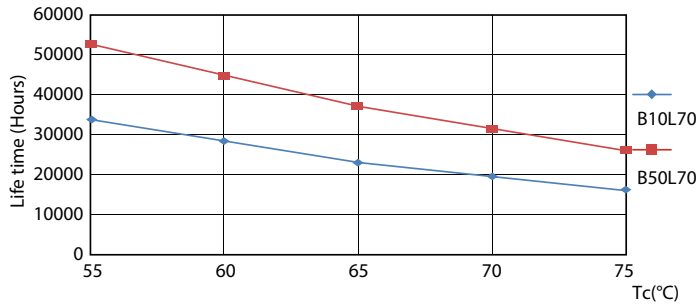


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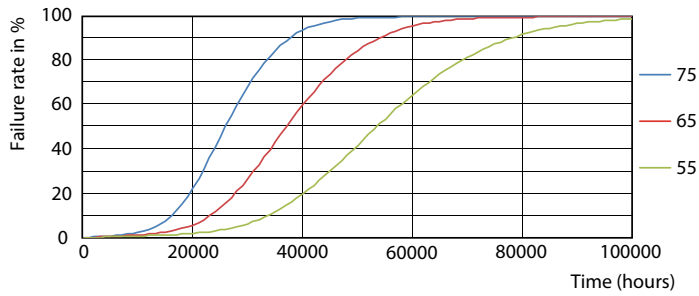
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Lifetime



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