



MASTER LEDtube EM/ Mains

MASTER LEDtube 1500mm HO 18.2W 840 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	840 [CCT of 4,000 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	3100 lm
Correlated Colour Temperature (Nom)	4000 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)	18.2 W
Lamp current (max.)	87 mA
Lamp current (min.)	79 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

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb material	Plastic
Product length	1500 mm

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Approval and Application

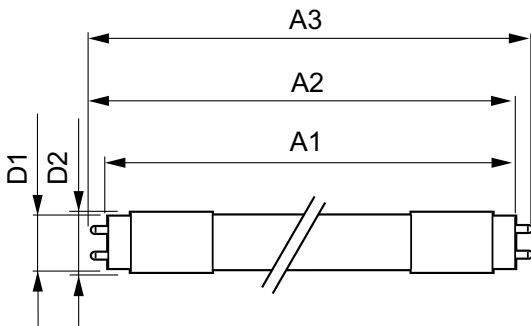
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	19 kWh

Product Data

Full product code	871869959243100
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Order product name	MASTER LEDtube 1500mm HO 18.2W 840 T8
EAN/UPC – product	8718699592431
Order code	59243100
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001923002
Net weight (piece)	0.310 kg

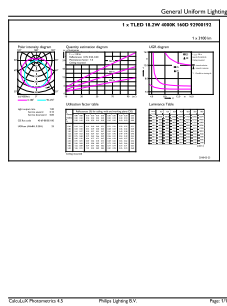
Dimensional drawing



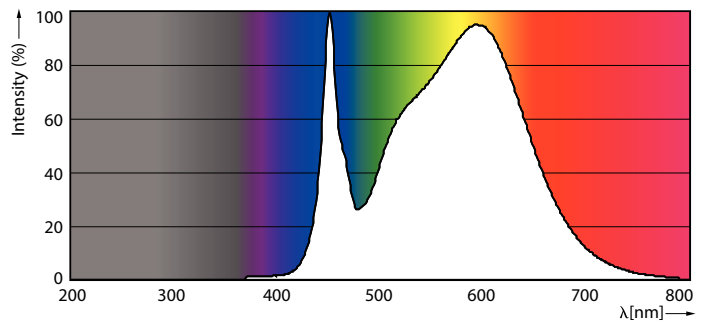
TLED master HE 3100lm 18.2w 5ft 4000k

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm HO 18.2W 840 T8	25.8 mm	28 mm	1498.8 mm	1505.9 mm	1513 mm

Photometric data



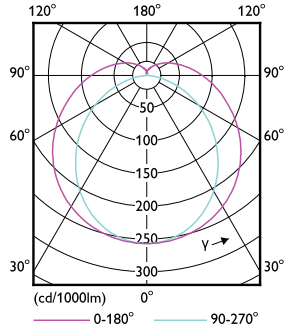
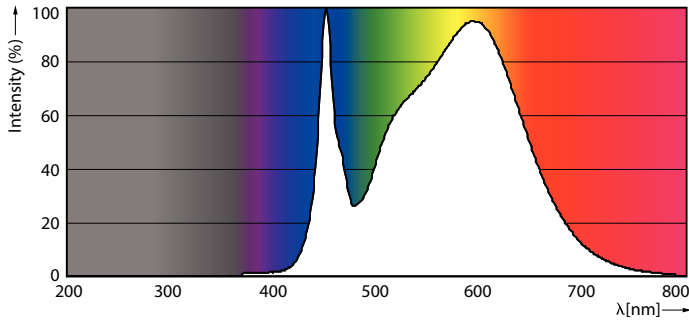
LEDtube MAS HO 18.2W G13 840 16D ND



LEDtube MAS HO G13

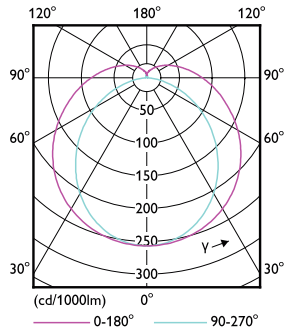
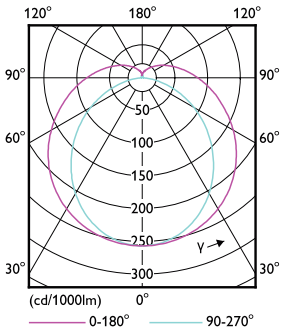
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Photometric data



LEDtube MAS HO 12.5W G13 840 16D ND

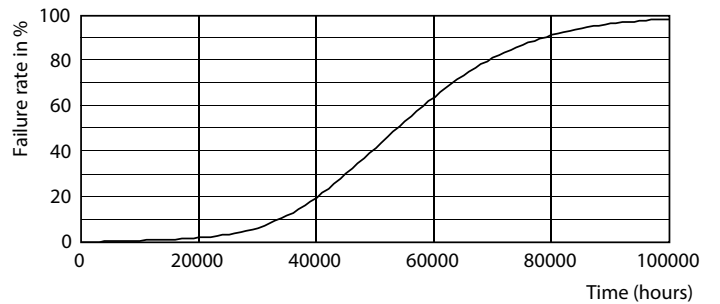
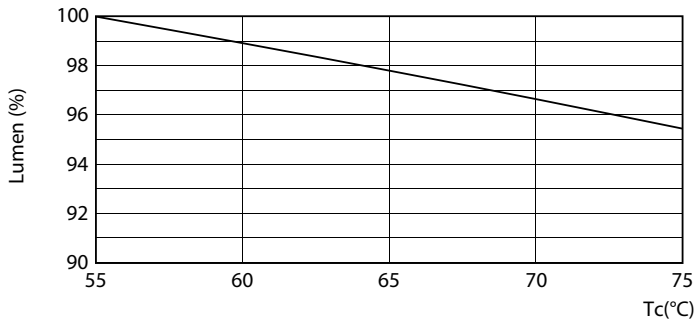
LEDtube MAS HO G13



LEDtube T8 MAS HO G13

LEDtube MAS HO 12.5W G13 830 16D ND

Lifetime

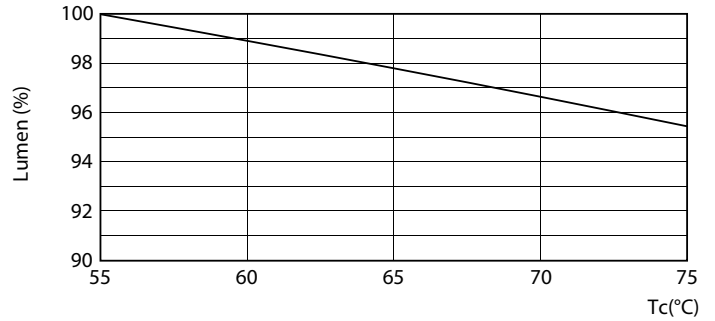
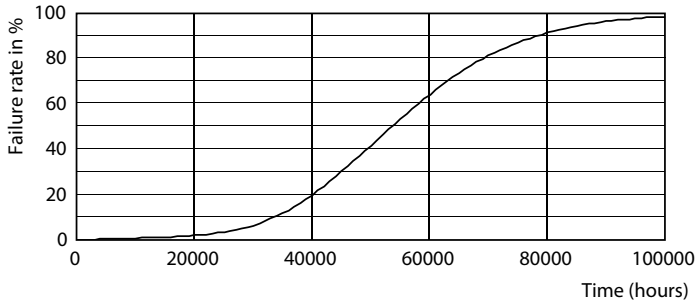


LEDtube T8 MAS HO 18.2W G13

LEDtube MAS HO G13

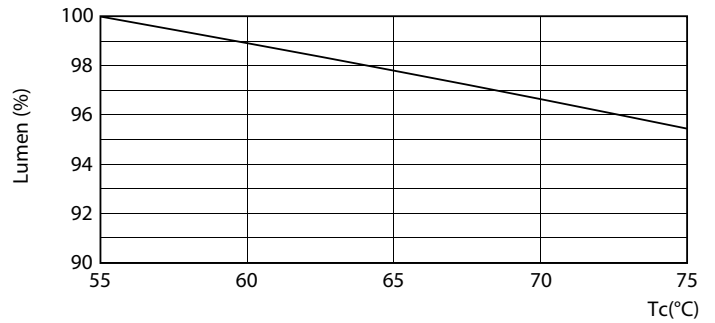
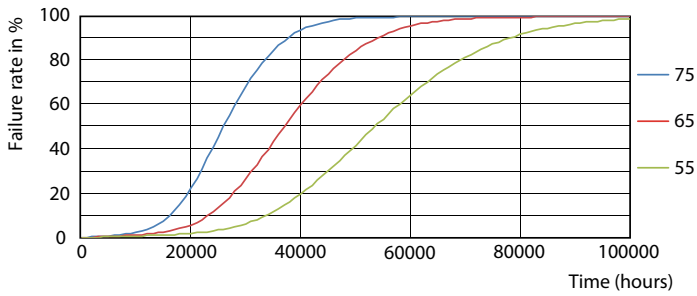
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Lifetime



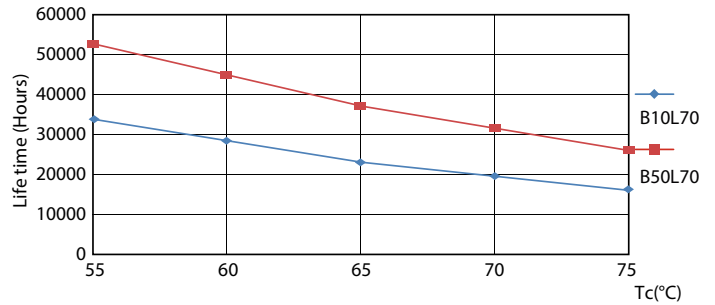
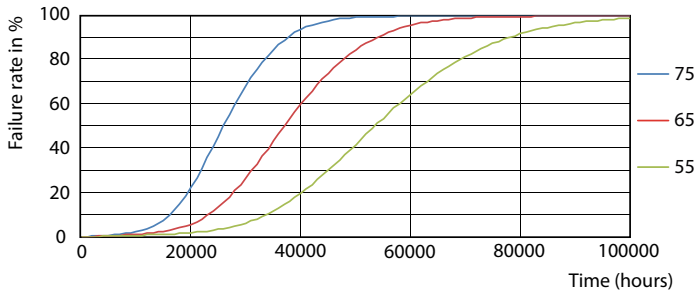
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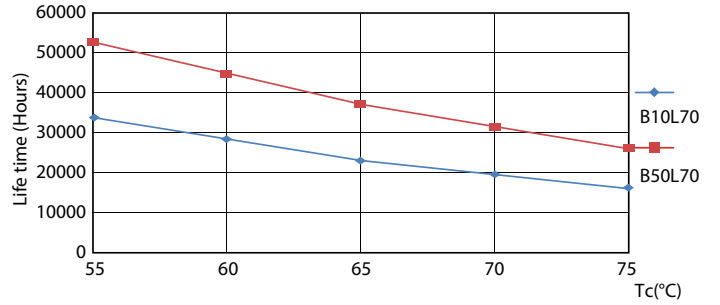
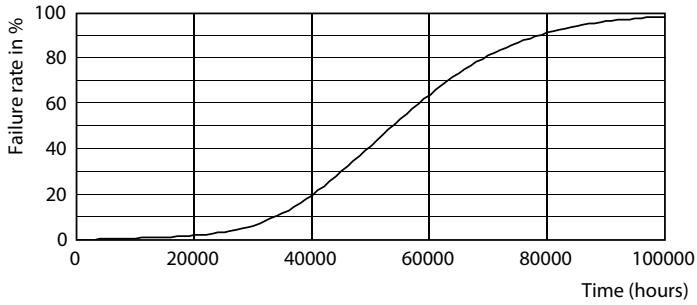


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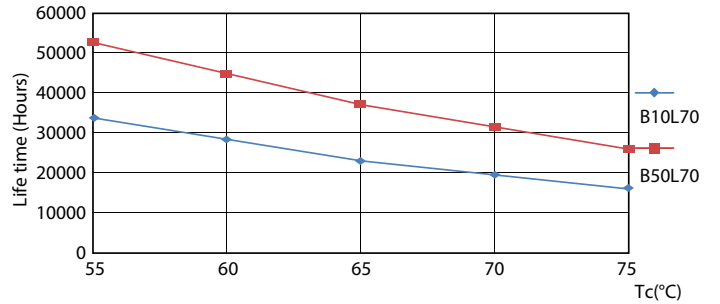
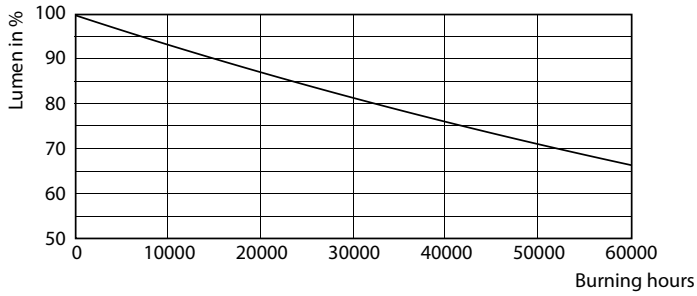
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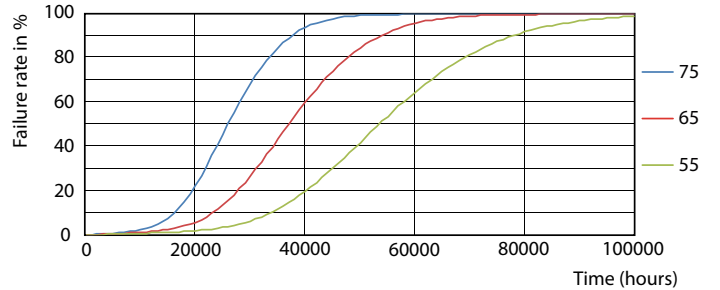
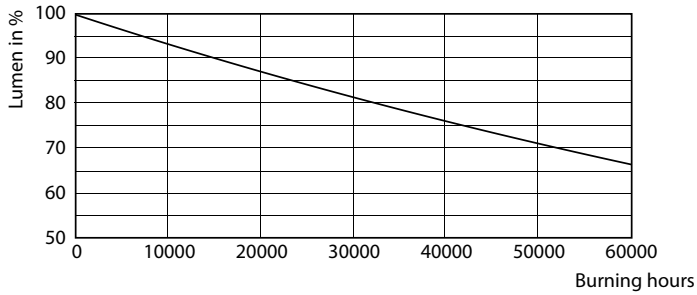
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