



MASTER LEDtube EM/ Mains



MASTER LEDtube 1500mm HO 18.2W 830 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	
Cap base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	70000 h
Switching cycle	200,000X Sphere

Light Technical	
Colour Code	830 [CCT of 3,000 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2900 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	159.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80

LLMF at end of nominal lifetime (nom.) 70 %	
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Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	18.2 W
Lamp current (max.)	93 mA
Lamp current (min.)	77 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

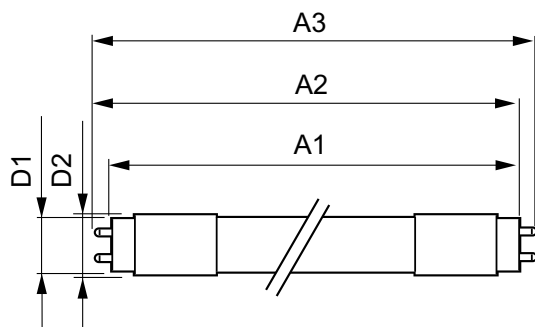
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C

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T-Case maximum (nom.)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Plastic
Product length	1500 mm
Bulb shape	Tube, double-ended
Approval and Application	
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	19 kWh
	403593
Product Data	
Full product code	871869959241700
Order product name	MASTER LEDtube 1500mm HO 18.2W 830 T8
EAN/UPC – product	8718699592417
Order code	59241700
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001922902
SAP net weight (piece)	0.285 kg

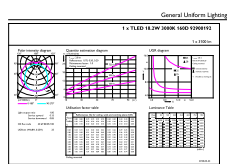
Dimensional drawing



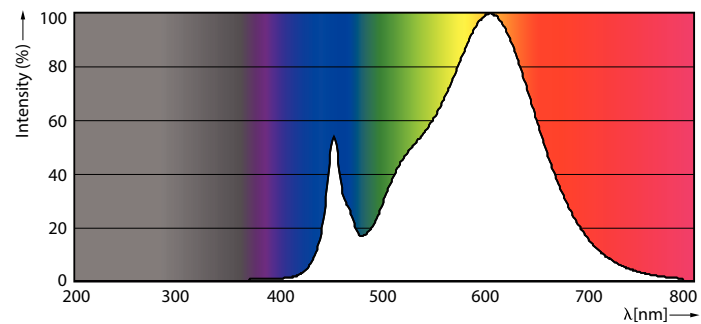
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Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm HO 18.2W 830 T8	25.8 mm	28 mm	1498.8 mm	1505.9 mm	1513 mm

Photometric data



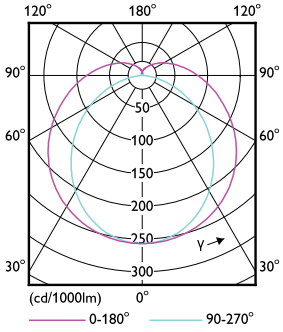
LEDtube MAS HO 18.2W G13 830 16D ND



LEDtube MAS HO 12.5W G13 830 16D ND

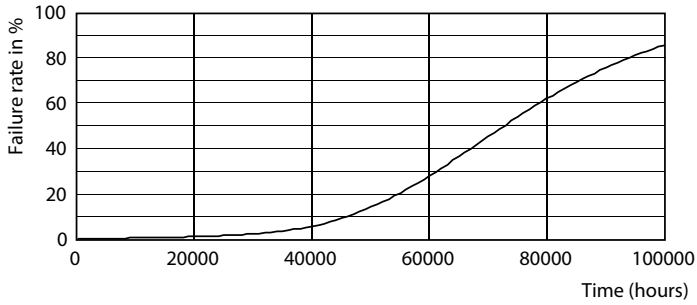
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Photometric data

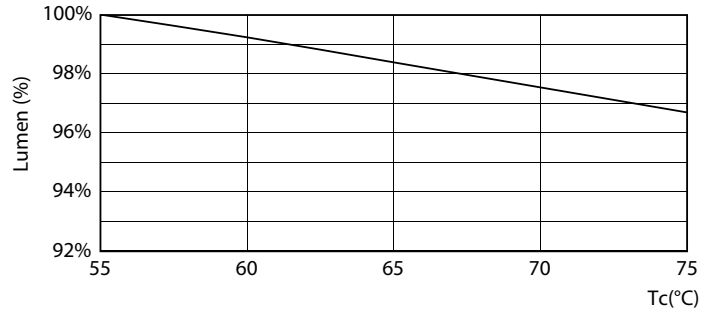


LEDtube MAS HO 12.5W G13 830 16D ND

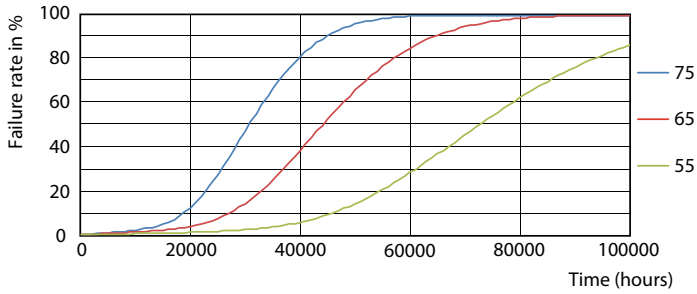
Lifetime



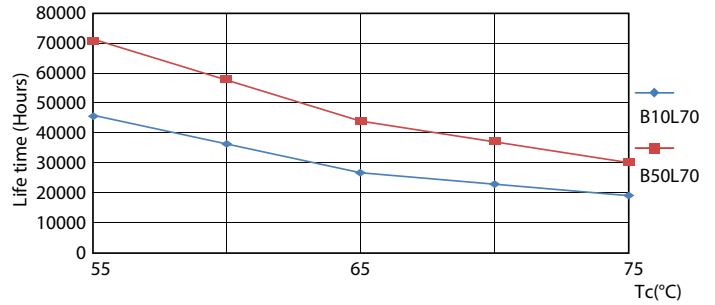
LEDtube_70K-LED



LEDtube MAS SLR 18,2W 70K LumenVsTc-LMP-LMP



LEDtube MAS SLR 18,2W 70K FailureRate-LED-LED



LEDtube MAS SLR 18,2W 70K LifetimeVsTc-LED-LED

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Lifetime



LEDtube_70K-LMP

