



MASTER LEDtube EM/ Mains

MASTER LEDtube 1500mm HO 18.2W 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.

Warnings and Safety

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Product data

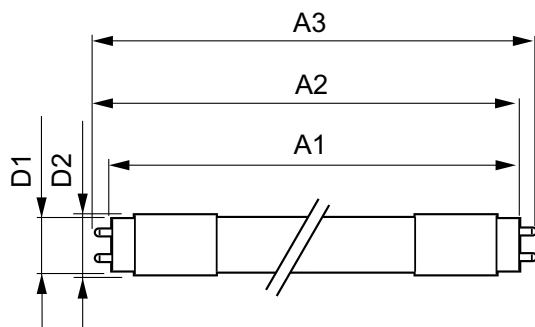
General Information		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]	Operating and Electrical	
EU RoHS compliant	Yes	Input frequency	50 to 60 Hz
Nominal lifetime (nom.)	75000 h	Power (Rated) (Nom)	18.2 W
Switching cycle	200,000X	Lamp current (max.)	93 mA
	Sphere	Lamp current (min.)	77 mA
Light Technical		Starting time (nom.)	0.5 s
Colour Code	865 [CCT of 6,500 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)	3100 lm	Voltage (Nom)	220-240 V
Colour Designation	Cool Daylight	Temperature	
Colour Temperature, horizontal (Nom)	6500 K	T-ambient (max.)	45 °C
Lamp Luminous Efficacy EM (Nom)	170.00 lm/W	T-ambient (min.)	-20 °C
Colour consistency	<6	T storage (max.)	65 °C
Colour Rendering Index,horiz (Nom)	80	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	C
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	19 kWh
	403595
Product Data	
Full product code	871869959245500
Order product name	MASTER LEDtube 1500mm HO 18.2W 865 T8
EAN/UPC – product	8718699592455
Order code	929001923102
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001923102
SAP net weight (piece)	0.285 kg

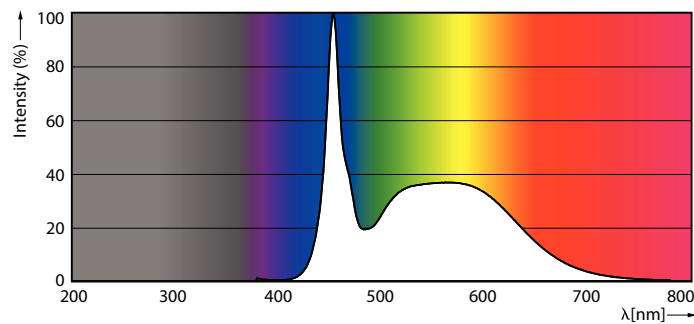
Dimensional drawing



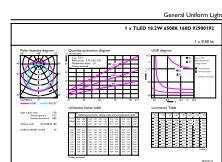
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Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm HO 18.2W 865 T8	25.8 mm	28 mm	1498.8 mm	1505.9 mm	1513 mm

Photometric data



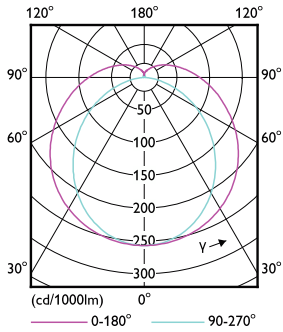
Spectral Power Distribution Colour



General uniform lighting

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Photometric data

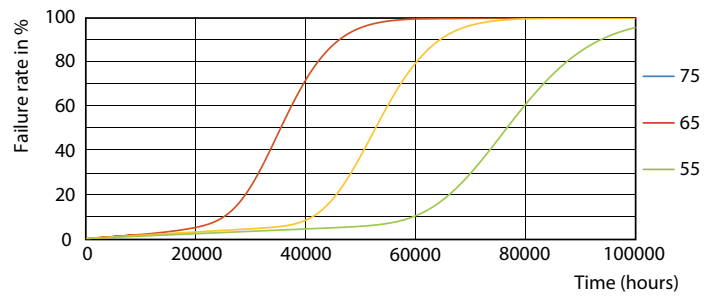


Light Distribution Diagram

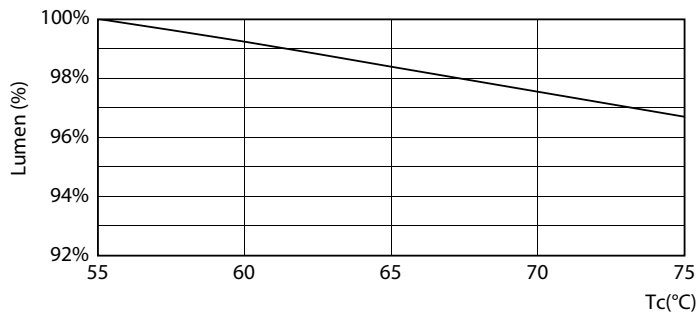
Lifetime



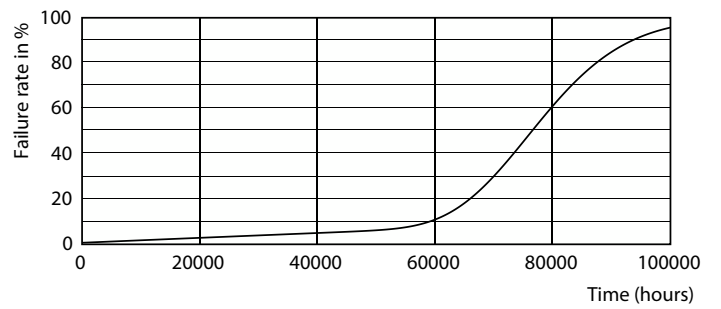
Lumen Maintenance Diagram



FailureRate



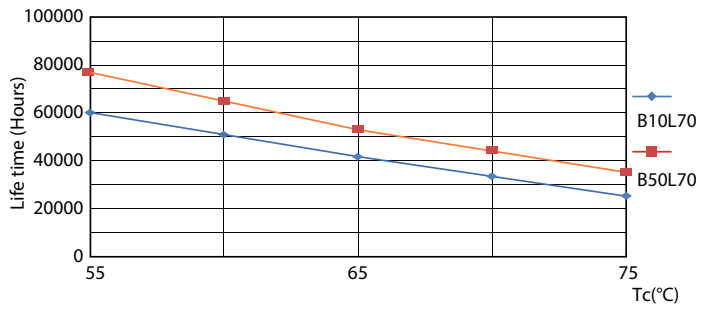
LumenVsTc



Life Expectancy Diagram

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Lifetime



LifetimeVsTc

