



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

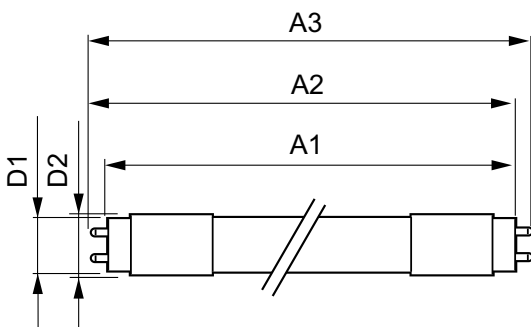
General information		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]		
EU RoHS compliant	Yes		
Nominal lifetime (nom.)	75000 h		
Switching cycle	200000		
	Sphere		
Light technical		Operating and electrical	
Colour Code	830 [CCT of 3,000 K]	Input frequency	50 to 60 Hz
Technical Beam Angle (Nom)	160 °	Power (Rated) (Nom)	18.2 W
Lamp Luminous Flux 25°C EL (Nom)	2900 lm	Lamp current (max.)	93 mA
Colour Designation	White (WH)	Lamp current (min.)	77 mA
Colour Temperature, horizontal (Nom)	3000 K	Starting time (nom.)	0.5 s
Lamp Luminous Efficacy EM (Nom)	159 lm/W	Warm-up time to 60% light (nom.)	0.5 s
Colour consistency	<6	Power factor (nom.)	0.9
Colour Rendering Index,horiz (Nom)	80	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
	1206969
Product data	
Full product code	871869959241700
Order product name	MASTER LEDtube 1500mm HO 18.2W 830 T8
EAN/UPC – product	8718699592417
Order code	929001922902
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001922902
Net Weight (Piece)	0.450 kg

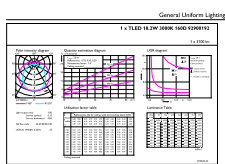
Dimensional drawing



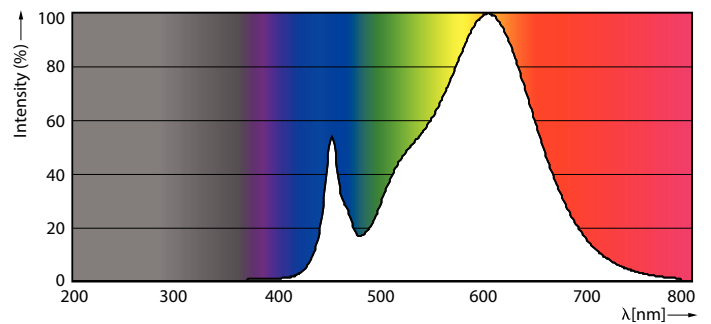
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Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm HO 18.2W 830 T8	25.8 mm	28 mm	1498.8 mm	1505.9 mm	1513 mm

Photometric data



General uniform lighting



Spectral Power Distribution Colour

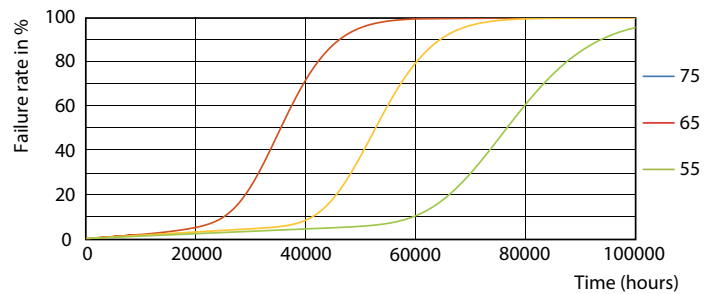
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Photometric data



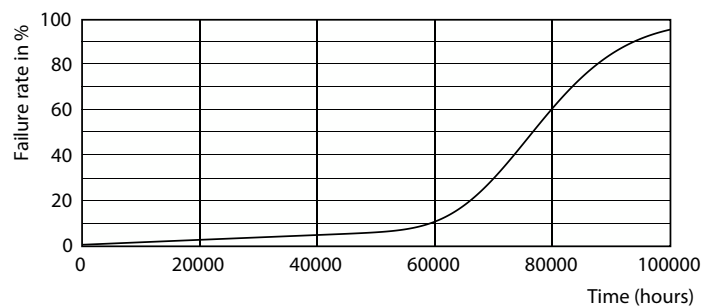
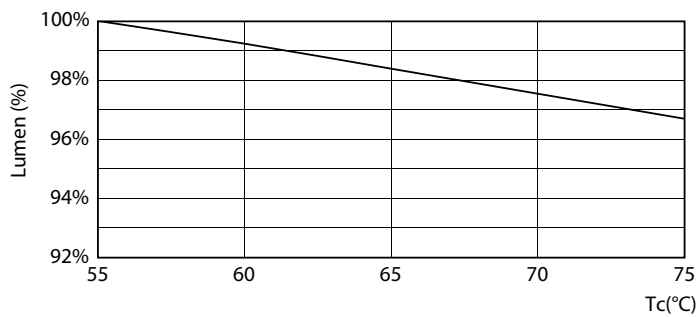
Light Distribution Diagram

Lifetime



Lumen Maintenance Diagram

FailureRate



LumenVsTc

Life Expectancy Diagram

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Lifetime



LifetimeVsTc

