



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

• -

Product data

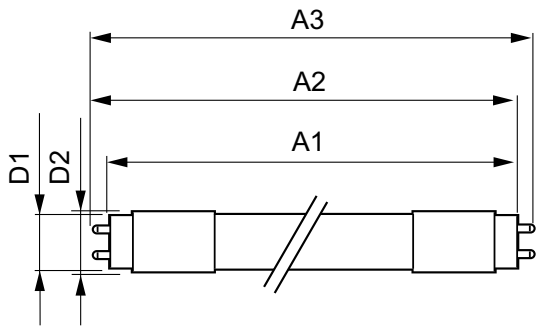
General information		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]		
EU RoHS compliant	Yes		
Nominal lifetime (nom.)	75000 h		
Switching cycle	200000		
	Sphere		
Tier	MASTER		
Light technical		Operating and electrical	
Colour Code	865 [CCT of 6,500 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)	3100 lm	Lamp current (max.)	93 mA
Colour Designation	Cool Daylight	Lamp current (min.)	77 mA
Colour Temperature, horizontal (Nom)	6500 K	Starting time (nom.)	0.5 s
Lamp Luminous Efficacy EM (Nom)	170 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

MASTER LEDtube EM/Mains

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 CE marking KEMA Keur certificate

Approval marks	TUV
Energy consumption kWh/1,000 hours	19 kWh
	1206971
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
Local code description	MAS LEDtube 1500mm HO 18.2W 865 T8
Numerator – packs per outer box	10
SAP material	929001923102
Net Weight (Piece)	0.285 kg

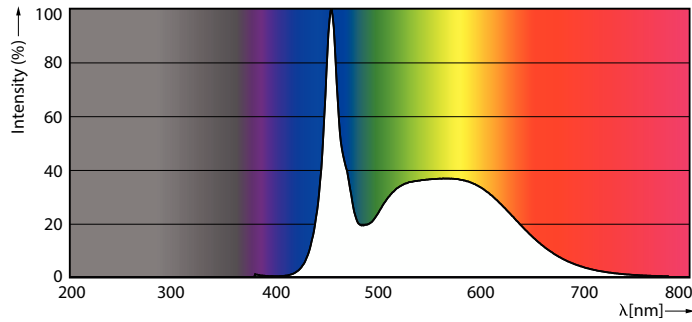
Dimensional drawing



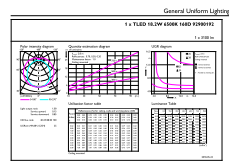
MASTER LEDtube 1500mm HO 18.2W 865 T8

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



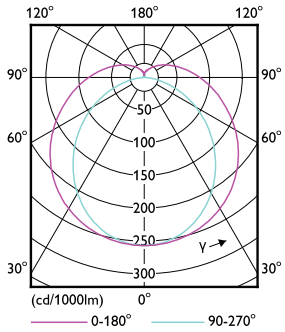
Spectral Power Distribution Colour



General uniform lighting

MASTER LEDtube EM/Mains

Photometric data

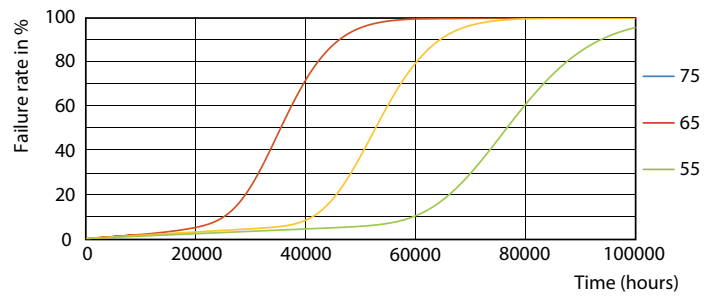


Light Distribution Diagram

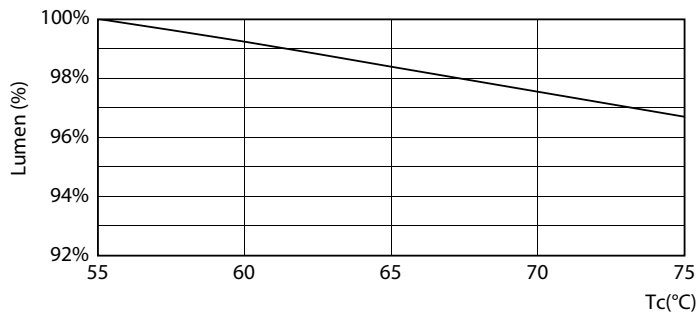
Lifetime



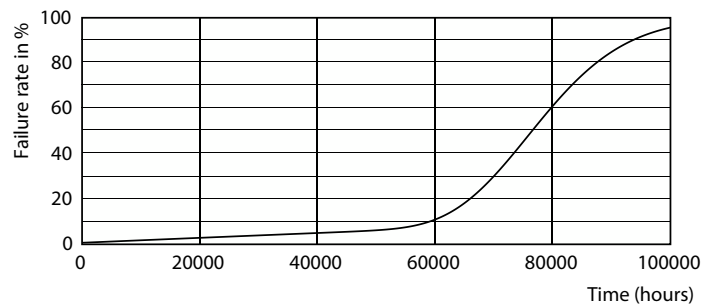
Lumen Maintenance Diagram



FailureRate



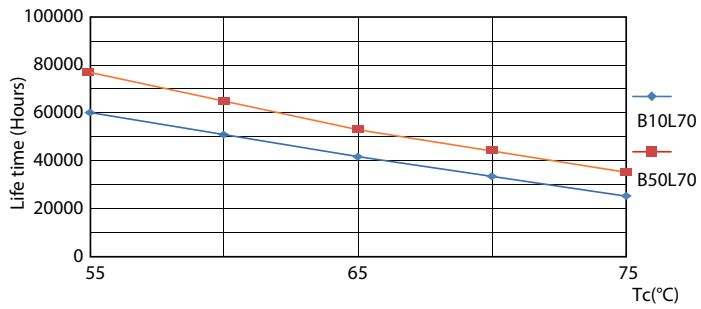
LumenVsTc



Life Expectancy Diagram

MASTER LEDtube EM/Mains

Lifetime



LifetimeVsTc

