



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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

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)	75000 h
Switching Cycle	200000X
Flux measurement reference	Sphere
Light technical	
Colour Code	830 [CCT of 3000K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	2900 lm
Colour Designation	White (WH)
Colour Temperature, horizontal (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	159.00 lm/W
Color Consistency	<6
Colour Rendering Index horiz (Nom)	80

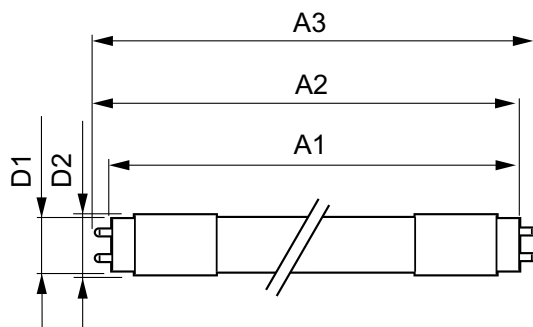
LLMF At End Of Nominal Lifetime (Nom) 70 %	
Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	18.2 W
Lamp Current (Max)	93 mA
Lamp Current (Min)	77 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-Ambient (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	
Bulb 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 CE marking KEMA Keur certificate

Approval Marks	TUV
Energy Consumption kWh/1000 h	19 kWh
EPREL Registration Number	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
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001922902
Net Weight (Piece)	0.285 kg

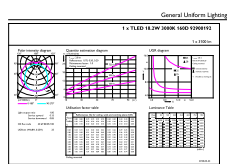
Dimensional drawing



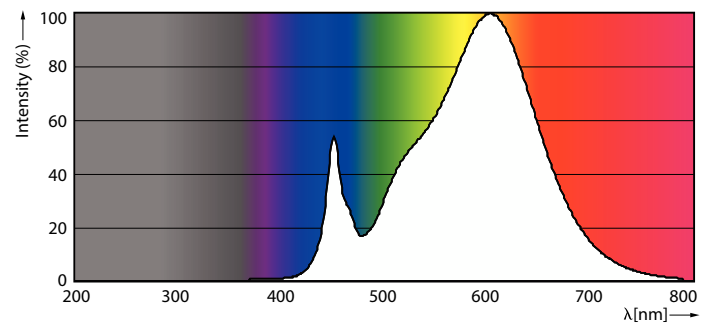
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Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm HO 18.2W 830 T8	25.8 mm	28 mm	1498.8 mm	1505.9 mm	1513 mm

Photometric data



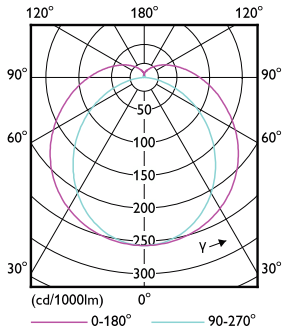
LEDtube MAS HO 18.2W G13 830 16D ND



Spectral Power Distribution Colour

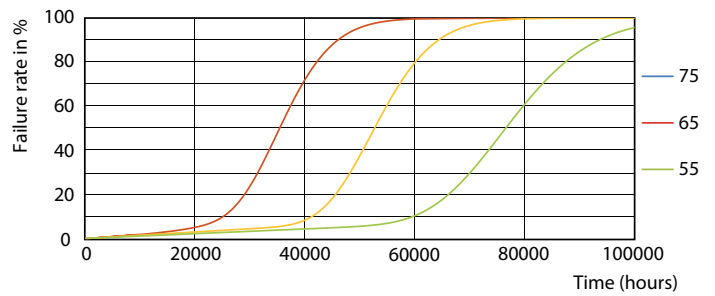
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Photometric data



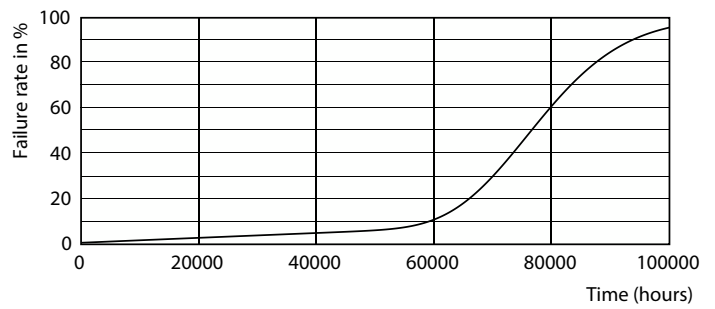
Light Distribution Diagram

Lifetime



Lumen Maintenance Diagram

FailureRate

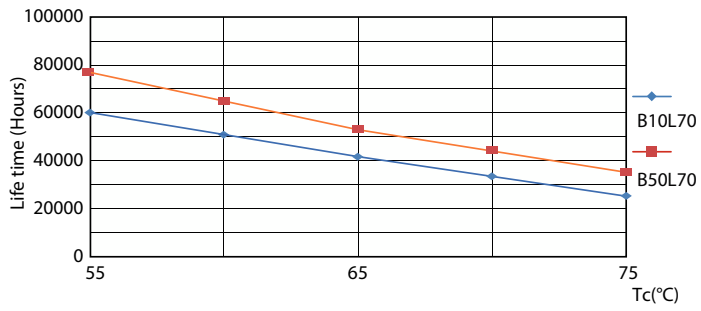


LumenVsTc

Life Expectancy Diagram

MASTER LEDtube EM/Mains

Lifetime



LifetimeVsTc

