



MASTER LEDtube T8 Ultra Efficient



MAS LEDtube 1500mm UE 17.6W 840 T8 EELA

With energy prices rising and the EU's Green Deal2 continuing to fund energy efficient building renovations, many are looking into make their company's lighting more sustainable. The new Philips MASTER LEDtube Ultra Efficient T8 is a true breakthrough on the way to more sustainable lighting. It replaces your current fluorescent tube or LED tube directly and offers immediately great energy cost reduction as well as a much longer lifetime!

Product data

General information	
Cap-Base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]
CE mark	Yes
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	100000 h
Switching Cycle	200000X
Flux measurement reference	Sphere
Tier	MASTER
Light technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	3700 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	210 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80

LLMF At End Of Nominal Lifetime (Nom) 70 %	
Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	17.6 W
Lamp Current (Max)	93 mA
Lamp Current (Min)	73 mA
Starting Time (Nom)	1 s
Warm Up Time to 60% Light (Nom)	1 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
T-Case Maximum (Nom)	45 °C

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Controls and dimming

Dimmable	No
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Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1500 mm
Bulb Shape	Tube, double-ended

Approval and application

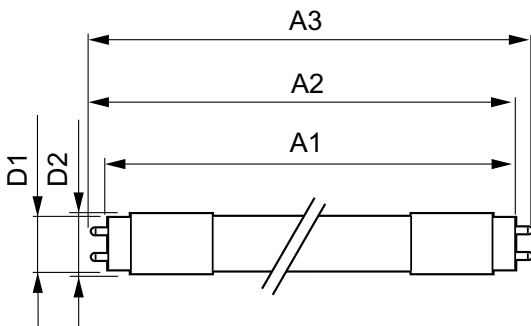
Energy Efficiency Class	A
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h	18 kWh
EPREL Registration Number	1013081

Product data

Full product code	871951443168300
Order product name	MAS LEDtube 1500mm UE 17.6W 840 T8 EELA
EAN/UPC - Product	8719514431683
Order code	929003482302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003482302
Net Weight (Piece)	0.270 kg

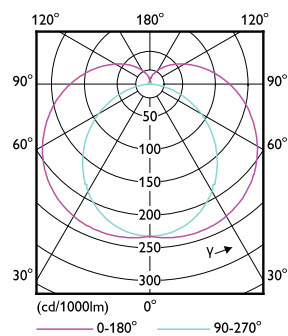
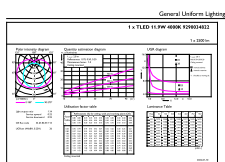
Dimensional drawing



MAS LEDtube 1500mm UE 17.6W 840 T8 EELA

Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm UE 17.6W 840 T8 EELA	25.8 mm	28 mm	1498.8 mm	1505.9 mm	1513 mm

Photometric data

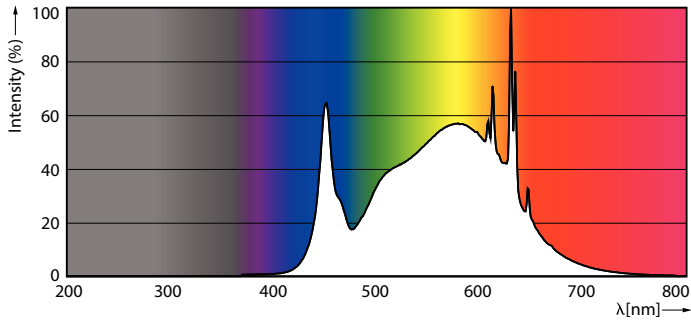


General uniform lighting

Light Distribution Diagram

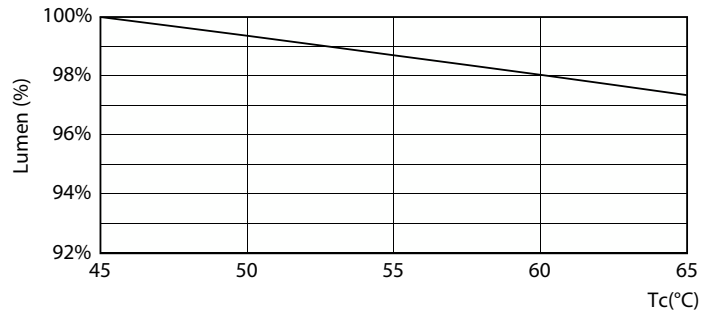
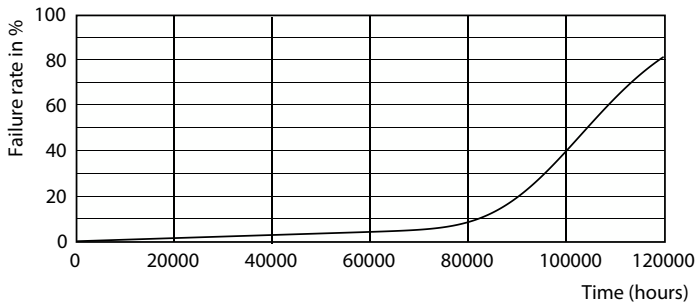
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Photometric data



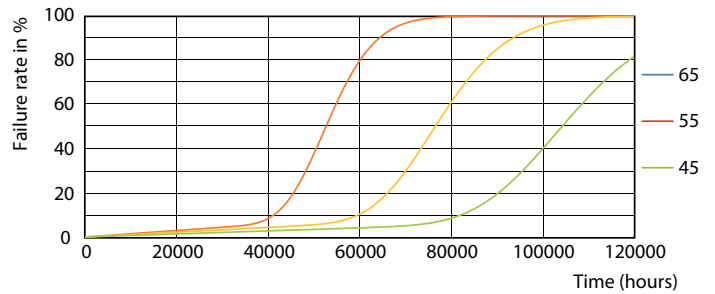
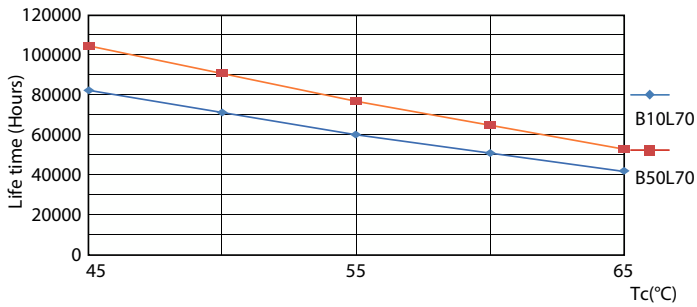
Spectral Power Distribution Colour

Lifetime



LEDtube 100K-LED

LEDtube MAS EU2 17,6W 100K LumenVsTc-LMP

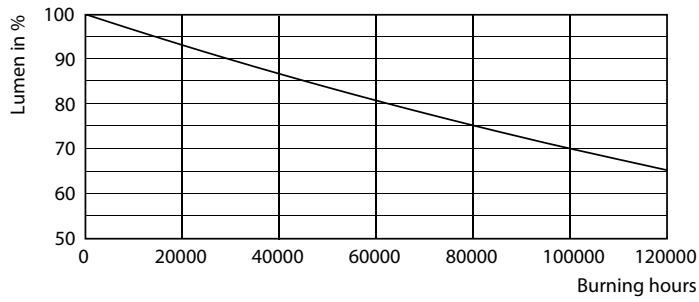


LEDtube 100K 4565 LifetimeVsTc-LED

LEDtube 100K 4565 FailureRate-LED

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Lifetime



LEDtube 100K-LMP

