



MASTER LEDtube EM/ Mains T8

MAS LEDtube 600mm HO 8W865 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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	60,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	190 degree(s)
Luminous Flux	1,050 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	131.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	83

LLMF At End Of Nominal Lifetime (Nom)	70 %
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Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	8 W
Lamp Current (Max)	40 mA
Lamp Current (Min)	35 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	50 °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	600 mm
Bulb Shape	T8

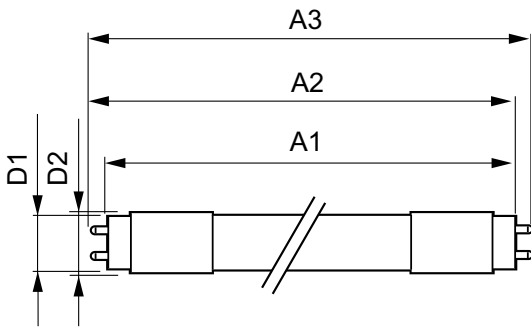
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate

Product Data

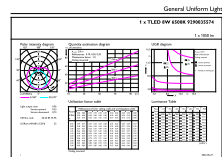
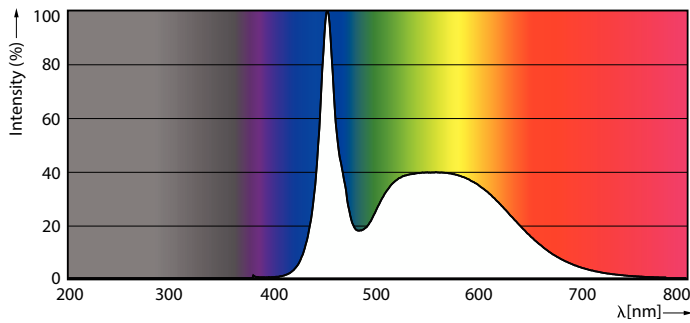
Order product name	MAS LEDtube 600mm HO 8W865 T8
Full product name	MAS LEDtube 600mm HO 8W865 T8
Full product code	871951446903700
Order code	929003557408
Material Nr. (12NC)	929003557408
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514469037
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514469044

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm HO 8W865 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data

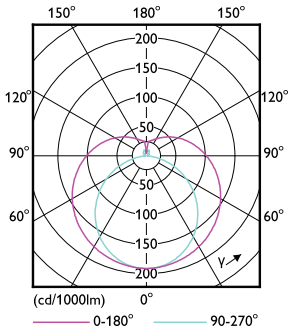


Spectral Power Distribution Colour - MAS LEDtube 600mm HO 8W865 T8

General uniform lighting - MAS LEDtube 600mm HO 8W865 T8

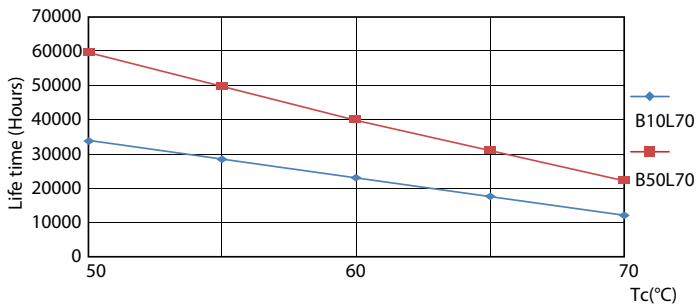
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Photometric data

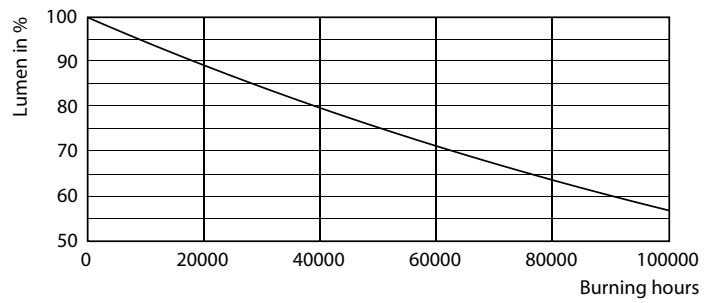


Light Distribution Diagram - MAS LEDtube 600mm HO 8W865 T8

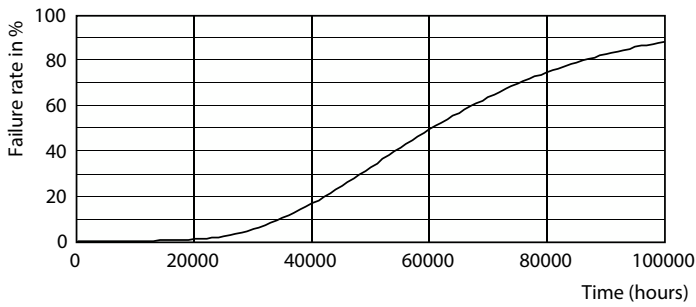
Lifetime



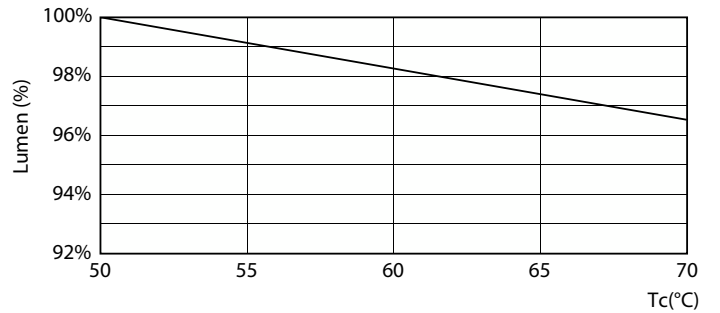
Life Expectancy Diagram - MAS LEDtube 600mm HO 8W865 T8



Lumen Maintenance Diagram - MAS LEDtube 600mm HO 8W865 T8



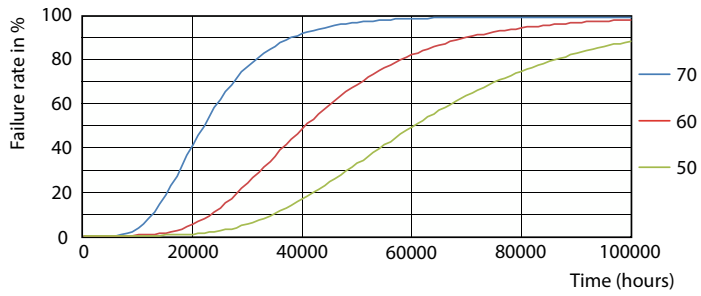
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Lumen Maintenance Diagram - MAS LEDtube 600mm HO 8W865 T8

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Lifetime



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