



MASTER LEDtube EM/ Mains T8

MASTER LEDtube Sensor 1200mm HO 16.5W865 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

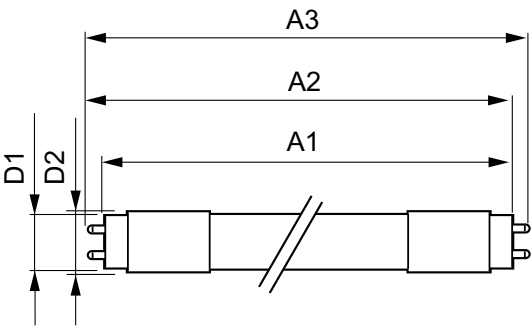
General Information		Color rendering index (CRI)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	83	
Nominal lifetime	50,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom) 70 %	
Switching Cycle	200,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	865 [CCT of 6500K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	240 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	2,100 lm	Power Consumption	16.5 W
Color Designation	Cool Daylight	Lamp Current (Max)	85 mA
Correlated Color Temperature (Nom)	6500 K	Lamp Current (Min)	65 mA
Luminous Efficacy (rated) (Nom)	127.00 lm/W	Starting Time (Nom)	0.5 s
Color Consistency	<6	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	220-240 V

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Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate

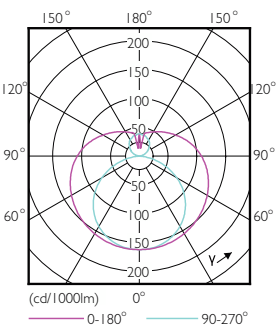
Energy Consumption kWh/1000 h	17 kWh
Product Data	
Order product name	MAS LEDtube Sensor 1200mm HO 16.5W865 T8
Full product name	MASTER LEDtube Sensor 1200mm HO 16.5W865 T8
Full product code	871869680604300
Order code	80604300
Material Nr. (12NC)	929001878602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696806043
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696806050

Dimensional drawing

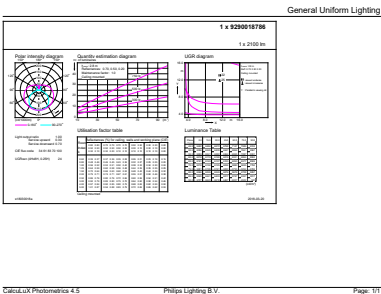


Product	D1	D2	A1	A2	A3
MAS LEDtube Sensor 1200mm HO 16.5W865 T8	25.8 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm

Photometric data



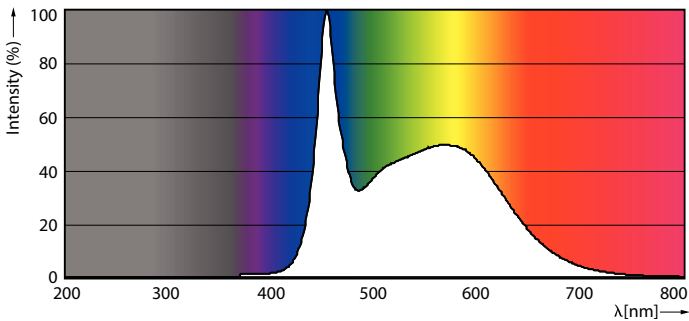
Light Distribution Diagram - MAS LEDtube Sensor 1200mm HO 16.5W865 T8



General uniform lighting - MAS LEDtube Sensor 1200mm HO 16.5W865 T8

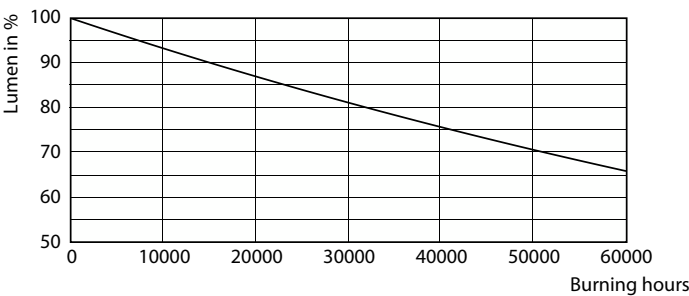
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Photometric data

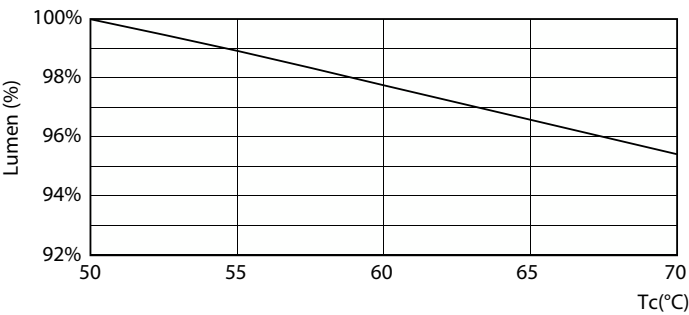


Spectral Power Distribution Colour - MAS LEDtube Sensor 1200mm HO 16.5W865 T8

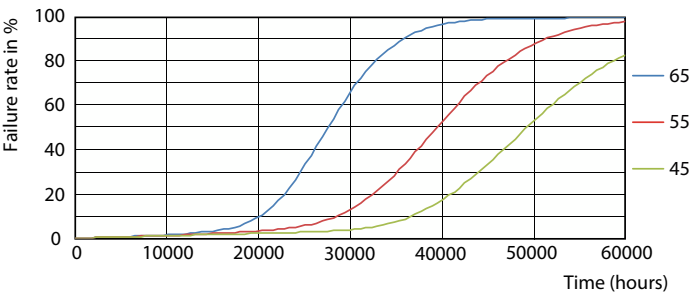
Lifetime



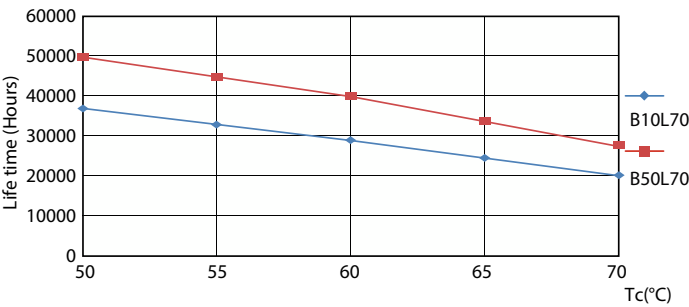
Lumen Maintenance Diagram - MAS LEDtube Sensor 1200mm HO 16.5W865 T8



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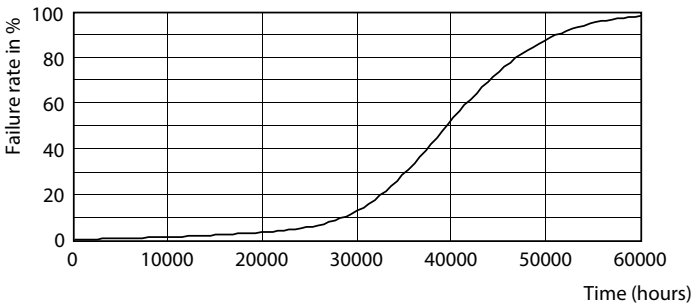
Life Expectancy Diagram - MAS LEDtube Sensor 1200mm HO 16.5W865 T8



Life Expectancy Diagram - MAS LEDtube Sensor 1200mm HO 16.5W865 T8

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Lifetime



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