



MASTER LEDtube T8

MAS LEDtube 600mm HO 8W830 T8

MASTER, LEDtube, T8, EM/Mains, Single-end, 600 mm, 220-240 V, 8 W, 18W TL-D, 3000 K, 1150 lm, 60000 hour(s)

MASTER, LEDtube, T8, EM/Mains, Single-end, 600 mm, 220-240 V, 8 W, LED alternative to 18W TL-D, 3000 K, 1150 lm, 60000 hour(s), 143 lm/W, G13, Beam angle 190 degree(s), Plastic, RGO

Warnings and Safety

• NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.

Product data

General Information	
Cap-Base	G13
Nominal lifetime	60,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LEDtube
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	190 degree(s)
Luminous Flux	1,150 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	143 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

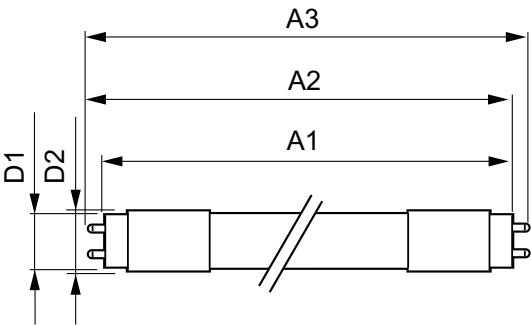
Photobiological safety according to EN 62471		RGO
Operating and Electrical		
Input Frequency	50 to 60 Hz	
Power Consumption	8 W	
Lamp Current (Max)	40 mA	
Lamp Current (Min)	37 mA	
Wattage Equivalent	18 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.9	
Voltage (Nom)	220-240 V	
LED alternative to fluorescent lamp power	18W TL-D	
Ballast Compatibility	EM/Mains	

MASTER LEDtube T8

Temperature	
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	600 mm
Bulb Shape	T8
Net Weight (Piece)	0.090 kg
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
EU RoHS compliant	Yes

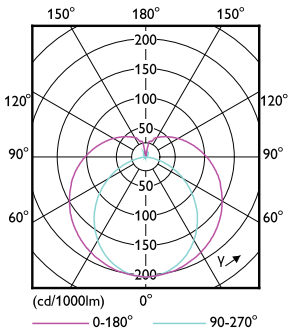
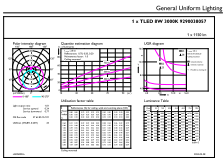
Ambient temperature range	-20 to +45 °C
Application Conditions	
Wireless Technology	Not applicable
Product Data	
Order product name	MAS LEDtube 600mm HO 8W830 T8
Full product name	MAS LEDtube 600mm HO 8W830 T8
Full product code	872016931591400
Order code	929003805708
Material Nr. (12NC)	929003805708
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169315914
Numerator - Packs per outer box	20
EAN/UPC - Case	8720169315921

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm HO 8W830 T8	25.8 mm	28 mm	595.7 mm	598.8 mm	604 mm

Photometric data

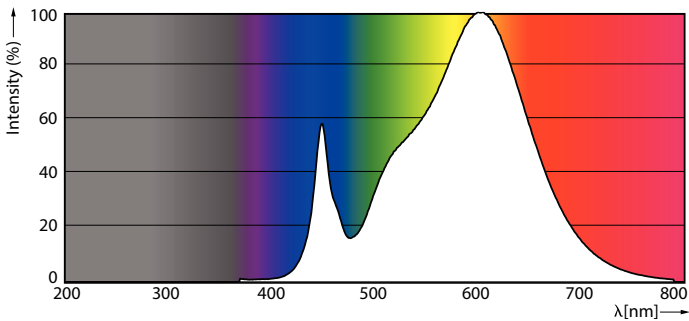


General uniform lighting - MAS LEDtube 600mm HO 8W830 T8

Light Distribution Diagram - MAS LEDtube 600mm HO 8W830 T8

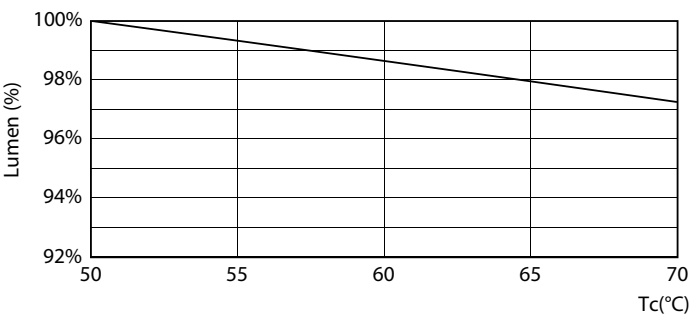
MASTER LEDtube T8

Photometric data

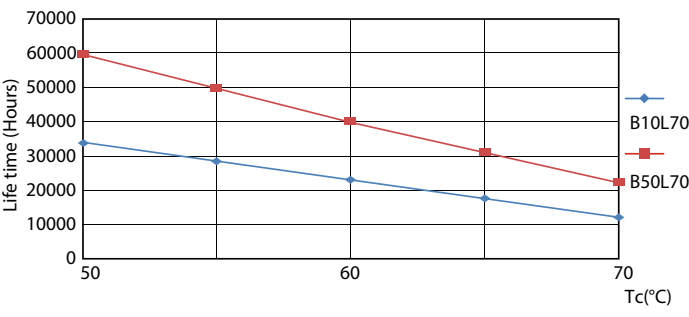


Spectral Power Distribution Colour - MAS LEDtube 600mm HO 8W830 T8

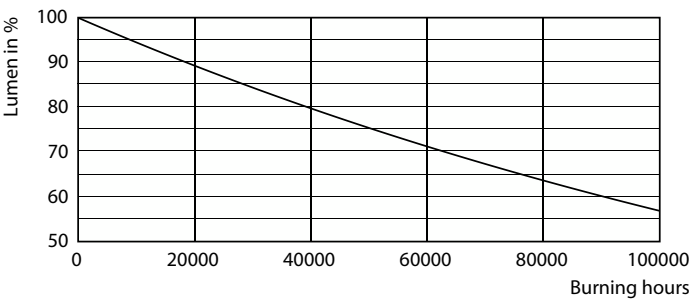
Lifetime



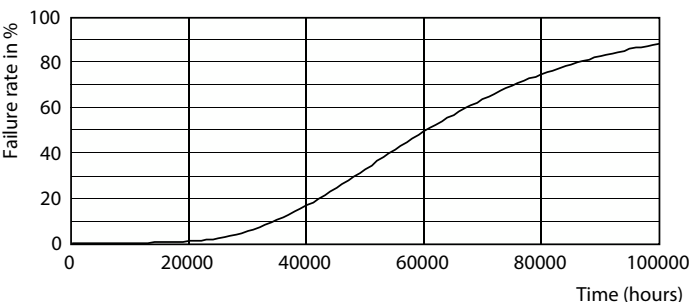
Lumen Maintenance Diagram - MAS LEDtube 600mm HO 8W830 T8



LEDtube 60K 5070 LifetimeVsTc-LED



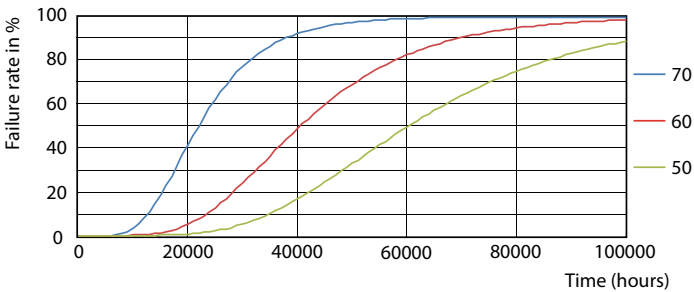
Lumen Maintenance Diagram - MAS LEDtube 600mm HO 8W830 T8



Life Expectancy Diagram

MASTER LEDtube T8

Lifetime



LEDtube 60K 5070 FailureRate-LED

