MASTER LEDtube T8

MAS LEDtube 1200mm HO 13W840 T8 MY

MASTER, LEDtube, T8, EM/Mains, Single-end, 1200 mm, 220-240 V, 13 W, 36W TL-D, 4000 K, 2100 lm, 60000 hour(s)

MASTER, LEDtube, T8, EM/Mains, Single-end, 1200 mm, 220-240 V, 13 W, LED alternative to 36W TL-D, 4000 K, 2100 lm, 60000 hour(s), 161 lm/W, G13, Beam angle 190 degree(s), Plastic, RG0

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	840 [CCT of 4000K]
Beam Angle (Nom)	190 degree(s)
Luminous Flux	2,100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	161 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Photobiological safety according to EN 62471	RG0

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	13 W
Lamp Current (Max)	63 mA
Lamp Current (Min)	58 mA
Wattage Equivalent	36 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	36W TL-D
Ballast Compatibility	EM/Mains

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Temperature	
T-Case Maximum (Nom)	50 °C

Controls and Dimming	
Dimmable	No

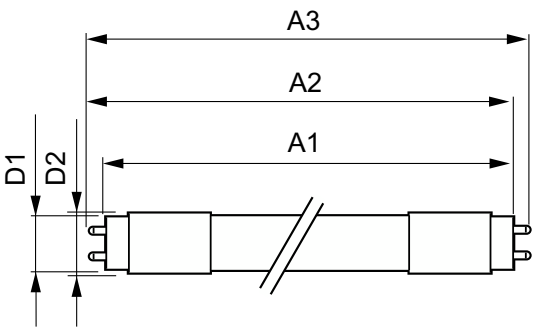
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.180 kg

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

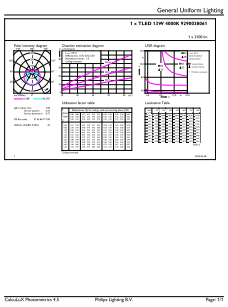
Product Data	
Order product name	MAS LEDtube 1200mm HO 13W840 T8 MY
Full product name	MAS LEDtube 1200mm HO 13W840 T8 MY
Full product code	872016931609600
Order code	929003806137
Material Nr. (12NC)	929003806137
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169316096
Numerator - Packs per outer box	20
EAN/UPC - Case	8720169316102

Dimensional drawing

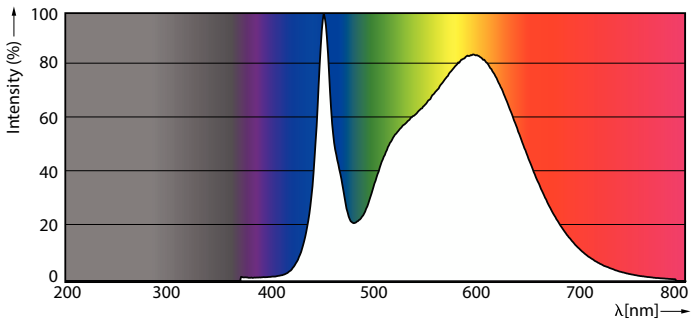


Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 13W840 T8 MY	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Photometric data

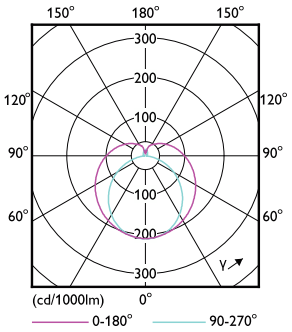


General uniform lighting - MAS LEDtube 1200mm HO 13W840 T8 MY



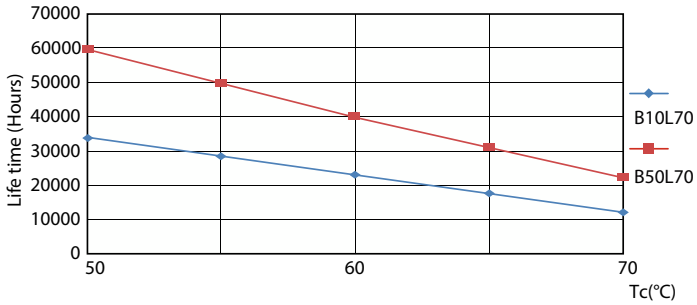
Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 13W840 T8 MY

Photometric data

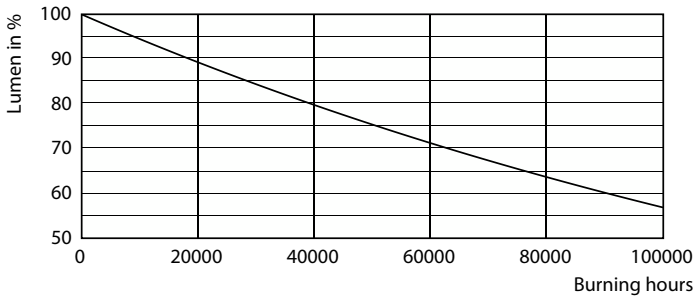


Light Distribution Diagram - MAS LEDtube 1200mm HO 13W840 T8 MY

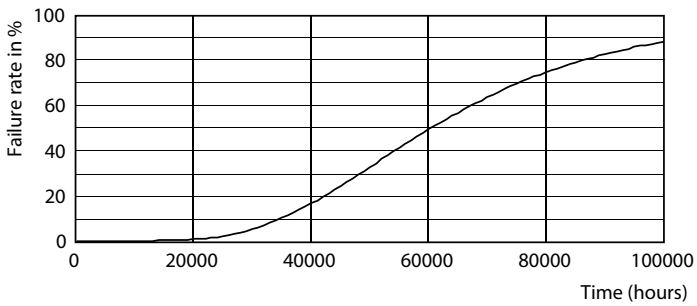
Lifetime



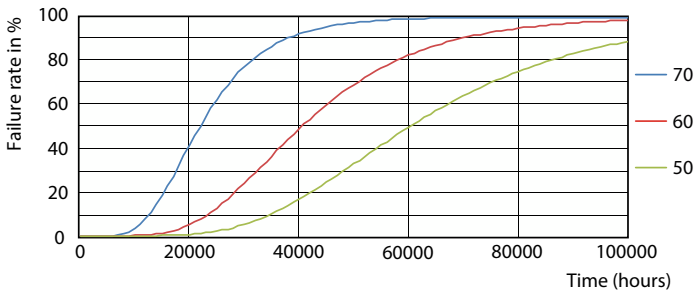
LEDtube 60K 5070 LifetimeVsTc-LED



Lumen Maintenance Diagram - MAS LEDtube 1200mm HO 13W840 T8 MY



Life Expectancy Diagram



LEDtube 60K 5070 FailureRate-LED

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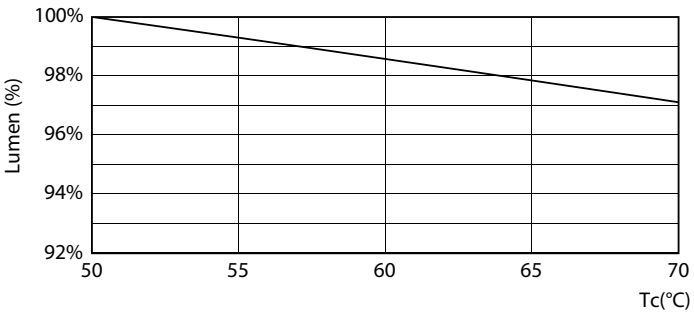
Lifetime



Lumen Maintenance Diagram - MAS LEDtube 1200mm HO 13W840 T8 MY

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