

MASTER Value LEDtube T8

MAS LEDtube VLE 1200mm HO 16W 865 T8 SL

A high-performance LED solution, the professional MASTER Value LED tube is ideal for replacing T8 fluorescent lamps using EM ballast or installing directly on the mains. This product provides an optimal combination of value and performance – for use in all general lighting, office, industry, retail, and hospitality applications. The unique design of this LED T8 tube light offers wide compatibility, safety and fast installation, as well as instant energy savings.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,100 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	131 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471 R60	

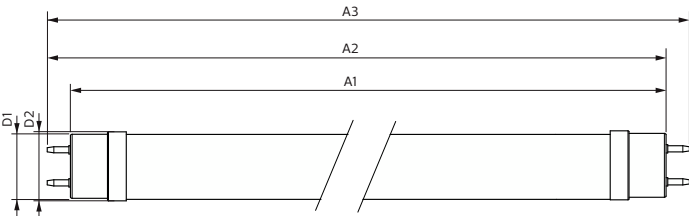
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	16 W
Lamp Current (Max)	129 mA
Lamp Current (Min)	75 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.92
Voltage (Nom)	100-240 V
Temperature	
Ambient temperature range	-20 to +45 °C
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted

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Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance
Product Data	
Order product name	MAS LEDtube VLE 1200mm HO 16W 865 T8 SL

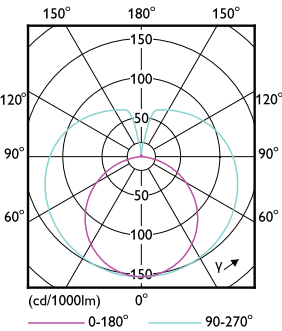
Full product name	MAS LEDtube VLE 1200mm HO 16W 865 T8 SL
Full product code	871951446113000
Order code	929002089842
Material Nr. (12NC)	929002089842
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514461130
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514461147

Dimensional drawing

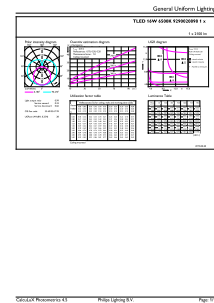


Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1200mm HO 16W 865 T8 SL	25.6 mm	27.8 mm	1,199.4 mm	1,205.3 mm	1,213.6 mm

Photometric data



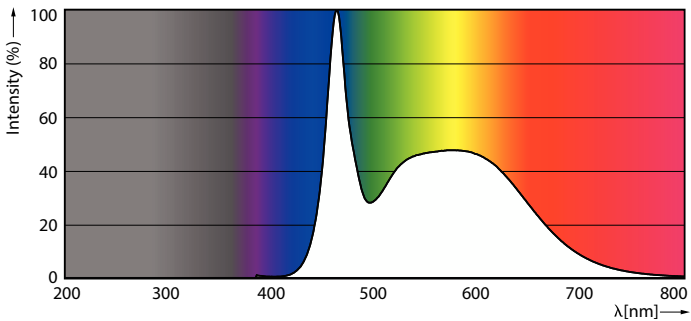
Light Distribution Diagram - MAS LEDtube VLE 1200mm HO 16W 865 T8 SL



General uniform lighting - MAS LEDtube VLE 1200mm HO 16W 865 T8 SL

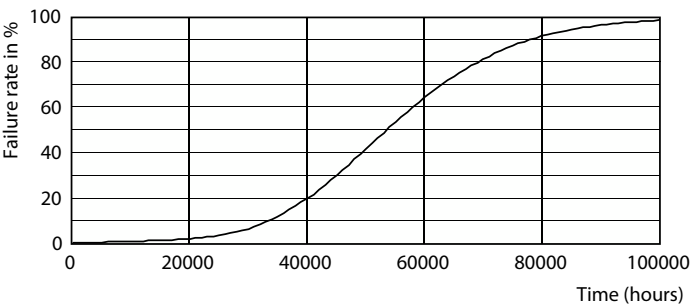
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Photometric data

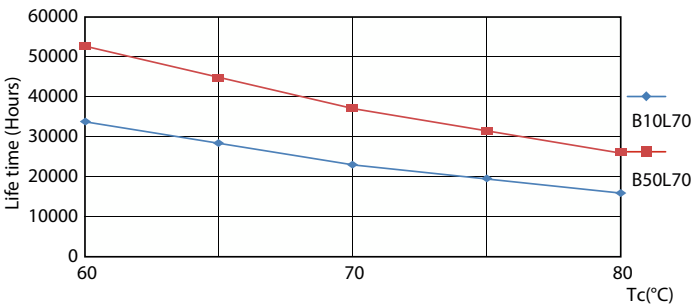


Spectral Power Distribution Colour - MAS LEDtube VLE 1200mm HO 16W 865 T8 SL

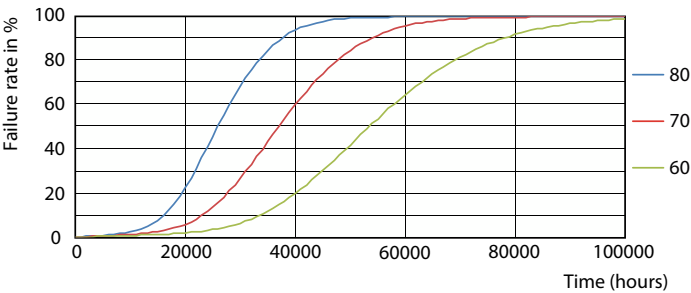
Lifetime



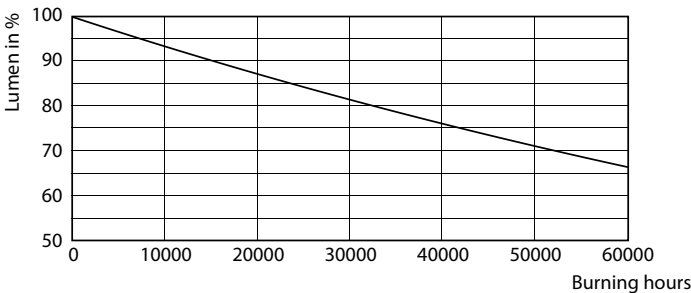
Life Expectancy Diagram - MAS LEDtube VLE 1200mm HO 16W 865 T8 SL



Life Expectancy Diagram - MAS LEDtube VLE 1200mm HO 16W 865 T8 SL



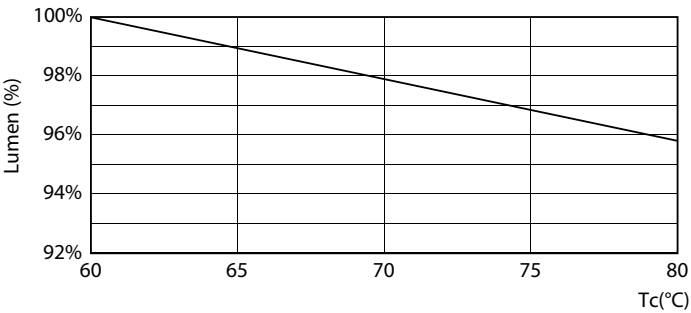
Life Expectancy Diagram - MAS LEDtube VLE 1200mm HO 16W 865 T8 SL



Lumen Maintenance Diagram - MAS LEDtube VLE 1200mm HO 16W 865 T8 SL

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Lifetime



Lumen Maintenance Diagram - MAS LEDtube VLE 1200mm HO 16W 865 T8
SL

