



# MASTER Value LED tube EM/Mains T8

## MASTER LEDtube VLE 1200mm HO 14W865 T8

MASTER Value, LEDtube, T8, EM/Mains, Single-end, 1200 mm, 220-240 V, 14 W, 36W TL-D, 6500 K, 2100 lm, 60000 hour(s)

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

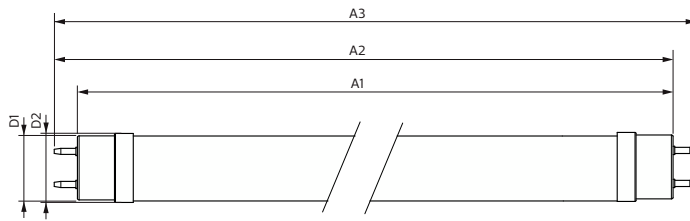
General Information		LLMF At End Of Nominal Lifetime (Nom)	
Cap-Base	G13		70 %
Nominal lifetime	60,000 hour(s)	<b>Operating and Electrical</b>	
Switching Cycle	200,000	Line Frequency	50 to 60 Hz
Lighting Technology	LEDtube	Input Frequency	50 to 60 Hz
<b>Light Technical</b>		Power Consumption	14 W
Color Code	865 [CCT of 6500K]	Lamp Current (Nom)	66 mA
Beam Angle (Nom)	240 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	2,100 lm	Warm-up time to 60% light	0.5 s
Color Designation	Cool Daylight	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	6500 K	Voltage (Nom)	220-240 V
Luminous Efficacy (rated) (Nom)	150.00 lm/W	LED alternative to fluorescent lamp power	36W TL-D
Color Consistency	<6	Ballast Compatibility	EM/Mains
Color rendering index (CRI)	83		

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Temperature	
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.215 kg
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

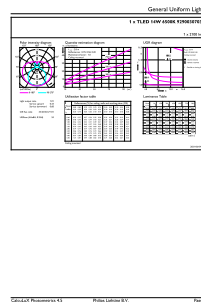
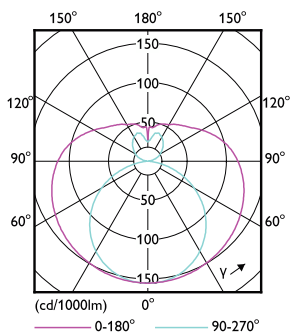
Application Conditions	
Wireless Technology	Not applicable
Product Data	
Order product name	MAS LEDtube VLE 1200mm HO 14W865 T8
Full product name	MASTER LEDtube VLE 1200mm HO 14W865 T8
Full product code	871951435078600
Order code	35078600
Material Nr. (12NC)	929003070308
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514350786
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514350793

## Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1200mm HO 14W865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

## Photometric data

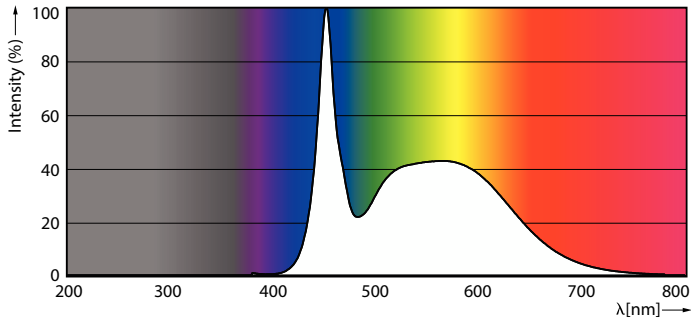


Light Distribution Diagram - MAS LEDtube VLE 1200mm HO 14W865 T8

General uniform lighting - MAS LEDtube VLE 1200mm HO 14W865 T8

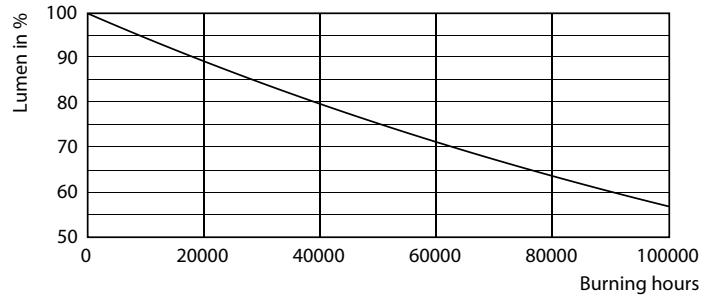
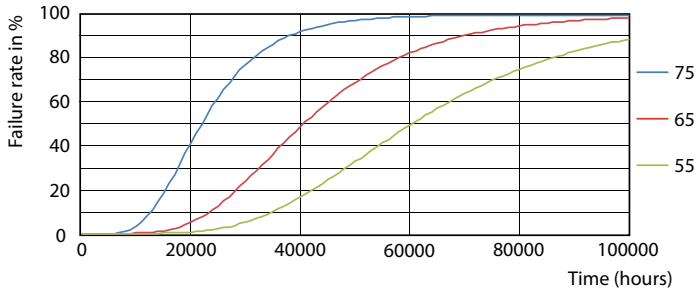
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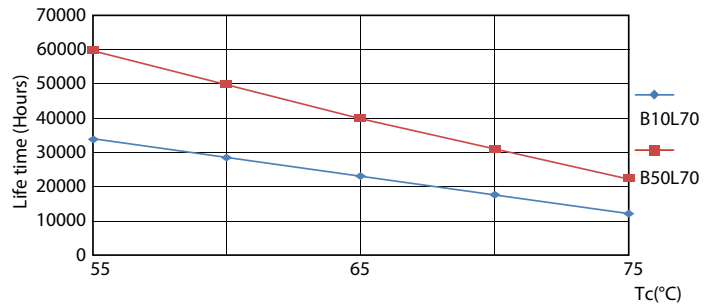
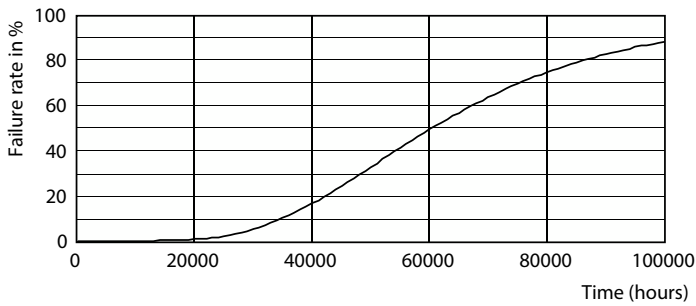
Spectral Power Distribution Colour - MAS LEDtube VLE 1200mm HO 14W865 T8

## Lifetime



FailureRate

Lumen Maintenance Diagram - MAS LEDtube VLE 1200mm HO 14W865 T8

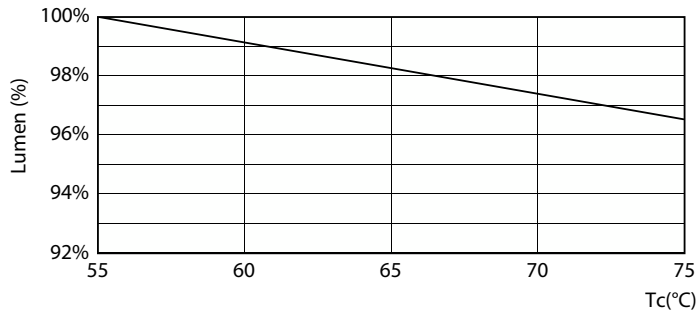


Life Expectancy Diagram

LifetimeVsTc

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## Lifetime



Lumen Maintenance Diagram - MAS LEDtube VLE 1200mm HO 14W865 T8

