



MASTER Value LEDtube T8

MASTER LEDtube VLE 1200mm HO 14W865 T8

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

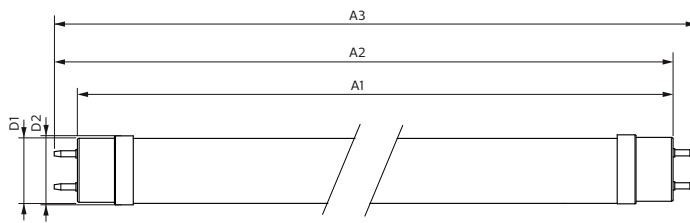
General information		Power (Rated) (Nom)	
Cap base	G13 [Medium Bi-Pin Fluorescent]		14 W
EU RoHS compliant	Yes	Lamp current (nom.)	66 mA
Nominal lifetime (nom.)	50000 h	Starting time (nom.)	0.5 s
Switching cycle	200000	Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.9
		Voltage (Nom)	220-240 V
Light technical		Temperature	
Colour Code	865 [CCT of 6,500 K]	T-ambient (max.)	45 °C
Beam Angle (Nom)	240 °	T-ambient (min.)	-20 °C
Luminous flux (nom.)	2100 lm	T storage (max.)	65 °C
Colour designation	Cool Daylight	T storage (min.)	-40 °C
Correlated Colour Temperature (Nom)	6500 K	T-Case maximum (nom.)	55 °C
Luminous efficacy (rated) (nom.)	150.00 lm/W		
Colour consistency	<6	Controls and dimming	
Colour rendering index (nom.)	83	Dimmable	No
LLMF at end of nominal lifetime (nom.)	70 %	Mechanical and housing	
Operating and electrical		Lamp Finish	Frosted
Input frequency	50 to 60 Hz		

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Bulb material	Glass
	1200 mm
Bulb shape	Tube, double-ended
Approval and application	
Energy-saving product	Yes
Approval marks	RoHS compliance KEMA Keur certificate
Product data	
Full product code	871951435078600

Order product name	MASTER LEDtube VLE 1200mm HO 14W865 T8
EAN/UPC – product	8719514350786
Order code	35078600
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929003070308
Net Weight (Piece)	0.215 kg

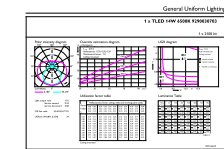
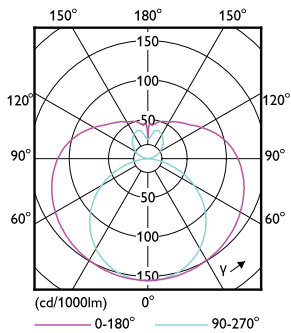
Dimensional drawing



Product	D1	D2	A1	A2	A3
MASTER LEDtube VLE 1200mm HO 14W865 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

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Photometric data

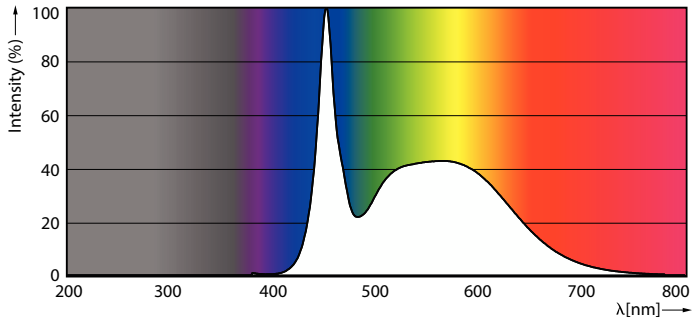


LEDtube MAS GMGC 14W G13 2000lm-LDD

LEDtube MAS GMGC 14W G13 2100lm 865-GUL

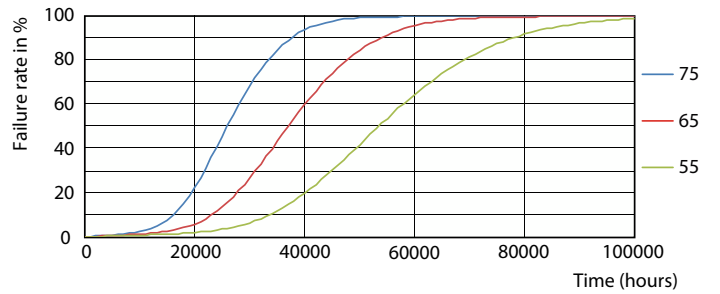
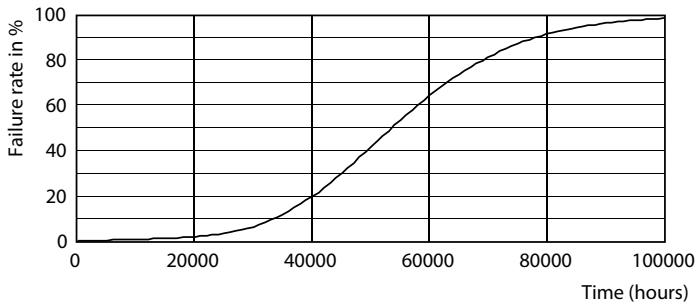
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Photometric data

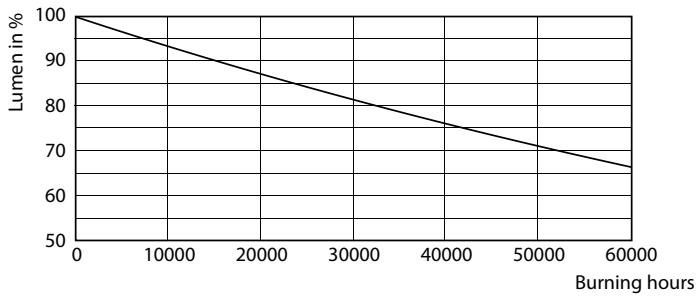


LEDtube MAS GMGC 14W G13 2100lm 865-POC

Lifetime

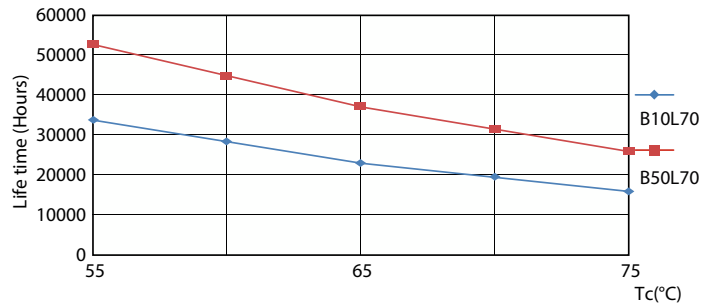


Life Expectancy Diagram



Lumen Maintenance Diagram

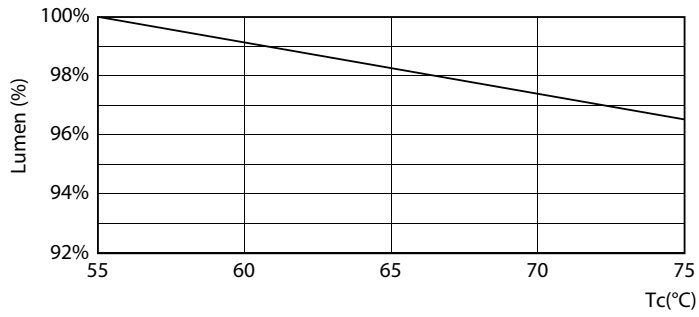
LEDtube 50K 5575 FailureRate-LED



LEDtube 50K 5575 LifetimeVsTc-LED

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Lifetime



LEDtube MAS GMGC 8W 50K LumenVsTc-LMP

