



# MASTER Value LEDtube T8

## MASTER LEDtube VLE 1200mm UO 15.5W 840 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		Operating and Electrical	
Cap base	G13 [ Medium Bi-Pin Fluorescent]	Input frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power (Rated) (Nom)	15.5 W
Nominal lifetime (nom.)	60000 h	Lamp current (max.)	73 mA
Switching cycle	200,000X	Lamp current (min.)	67 mA
	Sphere	Starting time (nom.)	0.5 s
		Warm-up time to 60% light (nom.)	0.5 s
Light Technical		Power factor (nom.)	0.9
Colour Code	840 [ CCT of 4,000 K]	Voltage (Nom)	220-240 V
Technical Beam Angle (Nom)	190 °		
Lamp Luminous Flux 25°C EL (Nom)	2500 lm	Temperature	
Colour Designation	Cool White (CW)	T-ambient (max.)	45 °C
Colour Temperature, horizontal (Nom)	4000 K	T-ambient (min.)	-20 °C
Lamp Luminous Efficacy EM (Nom)	161.00 lm/W	T storage (max.)	65 °C
Colour consistency	<6	T storage (min.)	-40 °C
Colour Rendering Index,horiz (Nom)	80	T-Case maximum (nom.)	60 °C
LLMF at end of nominal lifetime (nom.)	70 %		

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	1200 mm
Bulb shape	Tube, double-ended

## Approval and Application

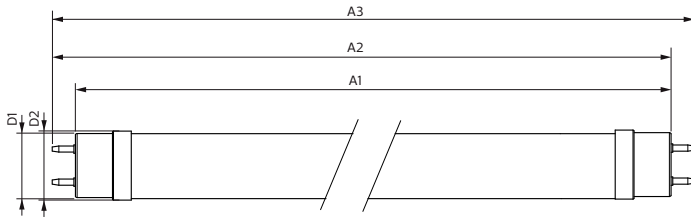
Energy Efficiency Class	C
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	16 kWh

1095872

## Product Data

Full product code	871951431682900
Order product name	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8
EAN/UPC – product	8719514316829
Order code	929002997702
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002997702
SAP net weight (piece)	0.210 kg

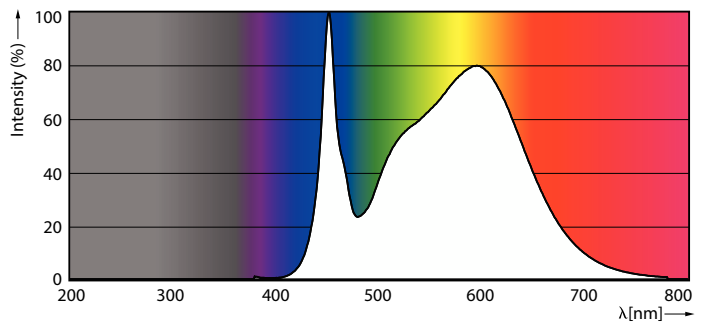
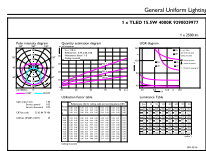
## Dimensional drawing



Product	D1	D2	A1	A2	A3
MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

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## Photometric data

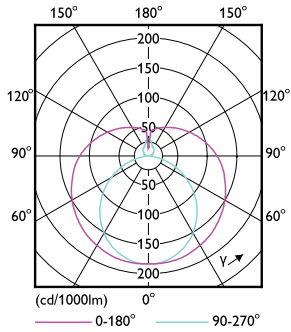


## General uniform lighting

## Spectral Power Distribution Colour

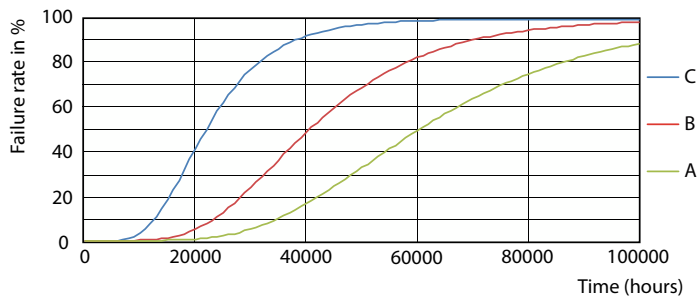
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## Photometric data

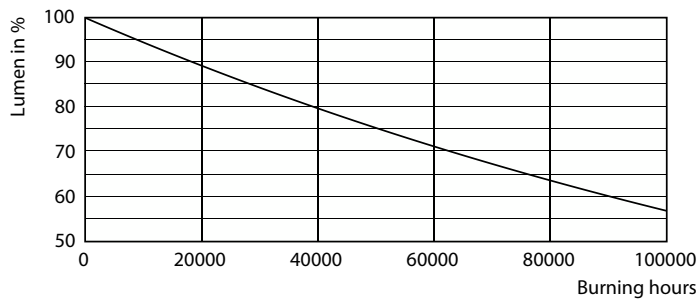


Light Distribution Diagram

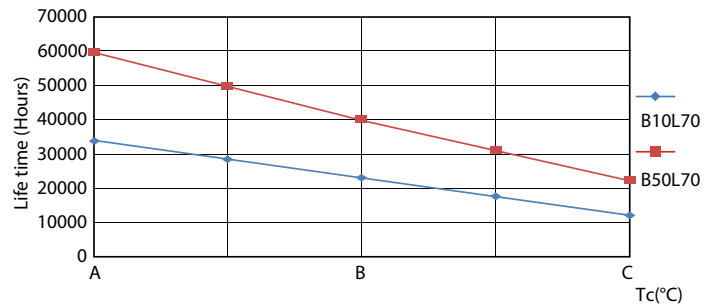
## Lifetime



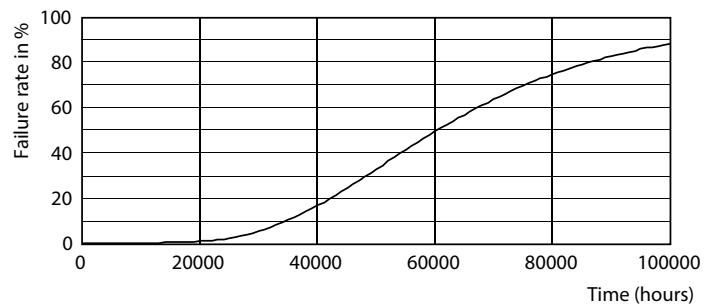
FailureRate



Lumen Maintenance Diagram



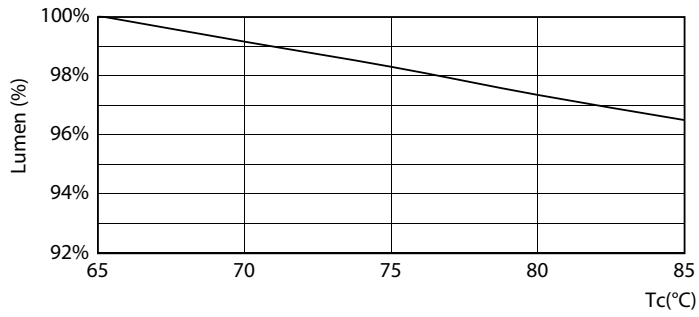
LifetimeVsTc



Life Expectancy Diagram

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## Lifetime



LumenVsTc

