



# 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	
Cap base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	60000 h
Switching cycle	200000
	Sphere
Tier	MASTER Value

Light technical	
Colour Code	840 [ CCT of 4,000 K]
Technical Beam Angle (Nom)	190 °
Lamp Luminous Flux 25°C EL (Nom)	2500 lm
Colour Designation	Cool White (CW)
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	161 lm/W
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	80
LLMF at end of nominal lifetime (nom.)	70 %

Operating and electrical	
Input frequency	50 to 60 Hz
Technical Lamp Power (Nom)	15.5 W
Lamp current (max.)	73 mA
Lamp current (min.)	67 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (nom.)	220-240 V

Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	60 °C

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## Controls and dimming

Dimmable No

## Mechanical and housing

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

## Approval and application

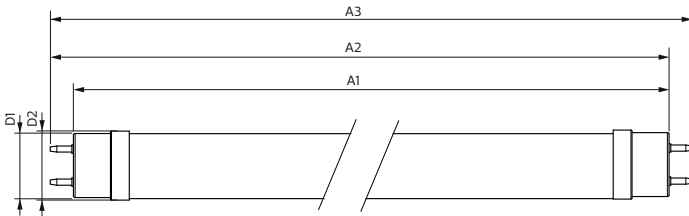
Energy Efficiency Class C  
 Energy-saving product Yes  
 Approval marks RoHS compliance TUV CE marking KEMA Keur certificate  
 Energy consumption kWh/1,000 hours 16 kWh

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  
 Net Weight (Piece) 0.210 kg

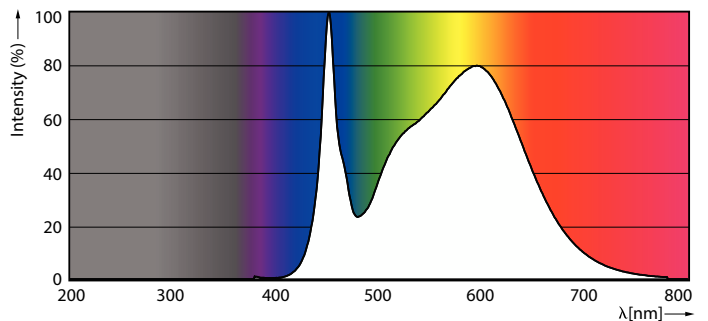
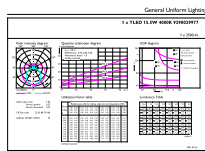
## Dimensional drawing



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

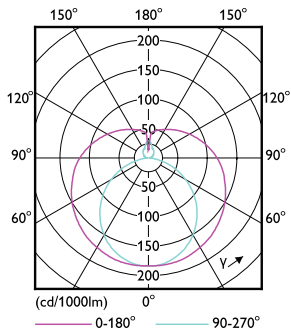


## General uniform lighting

## Spectral Power Distribution Colour

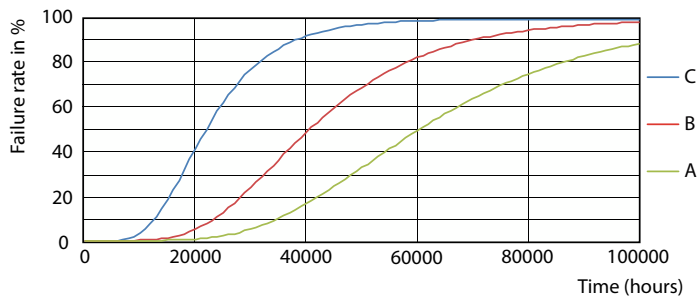
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## Photometric data

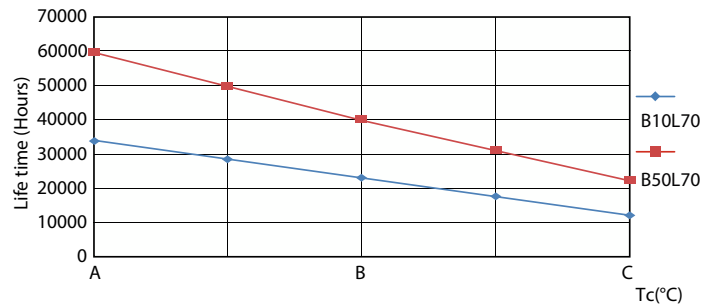


Light Distribution Diagram

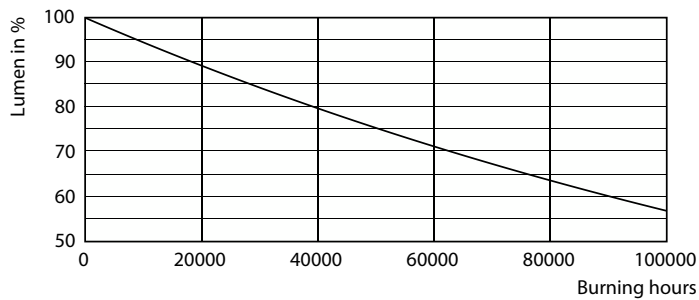
## Lifetime



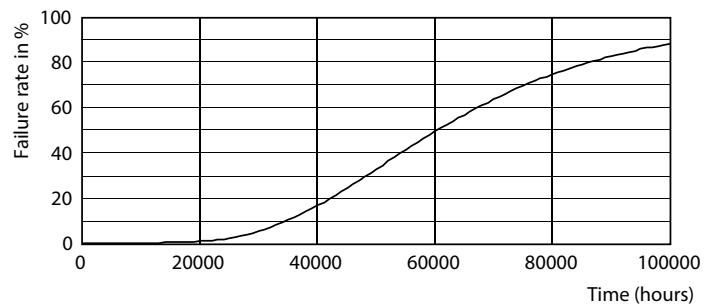
FailureRate



LifetimeVsTc



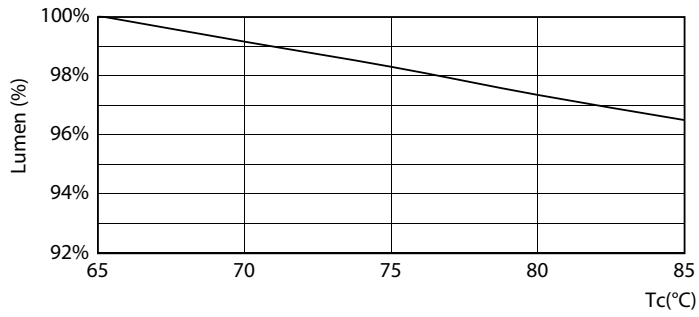
Lumen Maintenance Diagram



Life Expectancy Diagram

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## Lifetime



LumenVsTc

