

# 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]
CE mark	Yes
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	60000 h
Switching Cycle	200000
Flux measurement reference	Sphere
Tier	MASTER Value
Light technical	
Color Code	840 [ CCT of 4000K]
Beam Angle (Nom)	190 °
Luminous Flux (Nom)	2500 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	161 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80

LLMF At End Of Nominal Lifetime (Nom) 70 %	
Operating and electrical	
Input Frequency	50 to 60 Hz
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
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## Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1200 mm
Bulb Shape	Tube, double-ended

## Approval and application

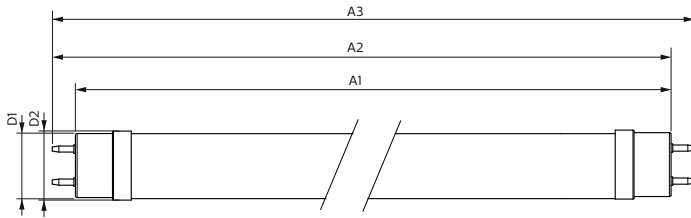
Energy Efficiency Class	C
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh

EPREL Registration Number	1095872
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## 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
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002997702
Net Weight (Piece)	0.215 kg

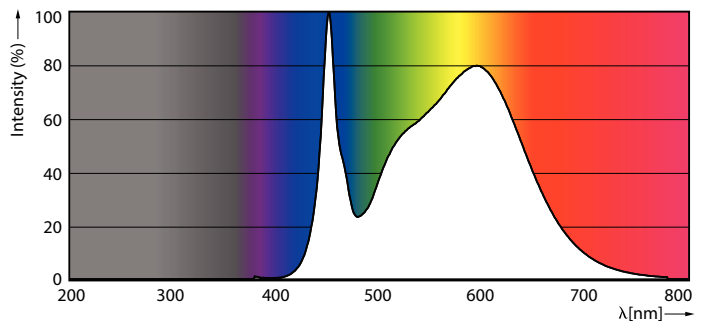
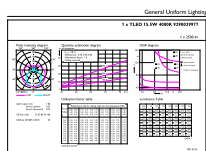
## Dimensional drawing



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

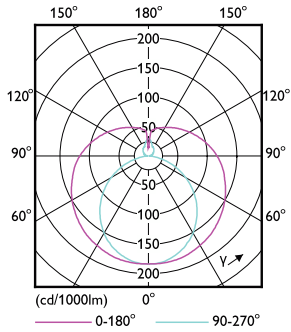


## General uniform lighting

## Spectral Power Distribution Colour

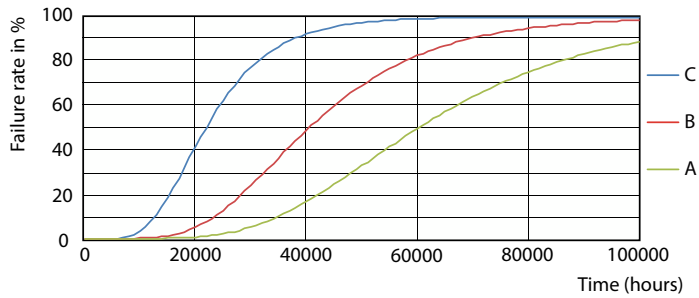
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## Photometric data

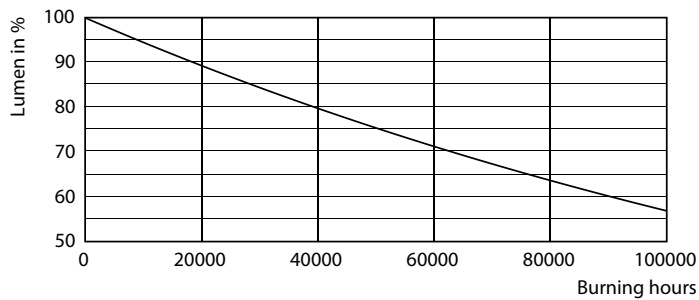


Light Distribution Diagram

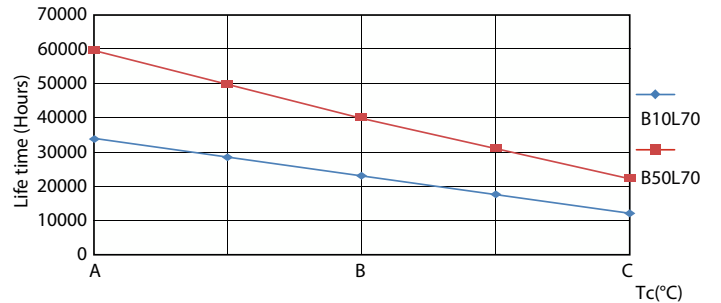
## Lifetime



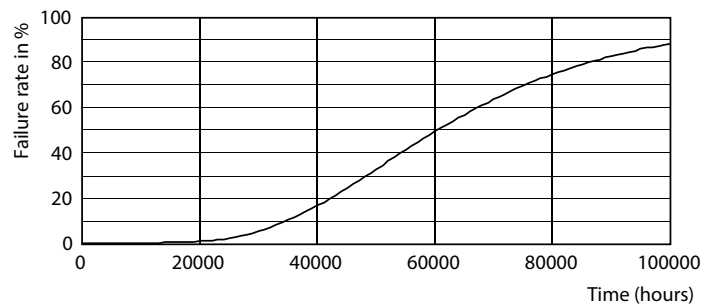
FailureRate



Lumen Maintenance Diagram



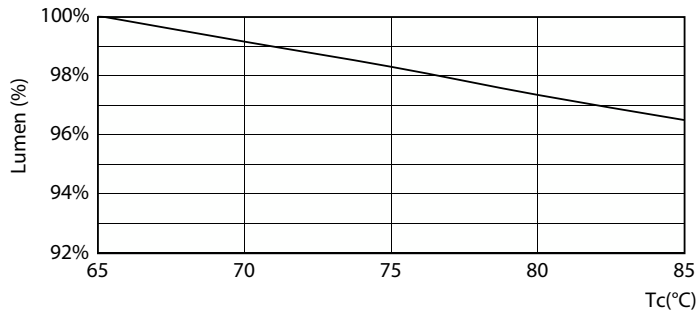
LifetimeVsTc



Life Expectancy Diagram

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## Lifetime



LumenVsTc

