



High-performance professional LED tube T8 solution

Master Value LEDtube 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 a uniform lighting effect for use in all general lighting, as well as instant energy-efficiency, making for an environmentally friendly solution.

Benefits

- Low energy consumption
- Lower maintenance – longer lifetime than conventional lamps
- A fast and easy way to upgrade existing luminaires to LED technology, in a simple plug-and-play retrofit solution

Features

- Uniform light effect
- Robust construction
- Fits in well with conventional technology
- Easy installation
- High-level energy-efficiency

Application

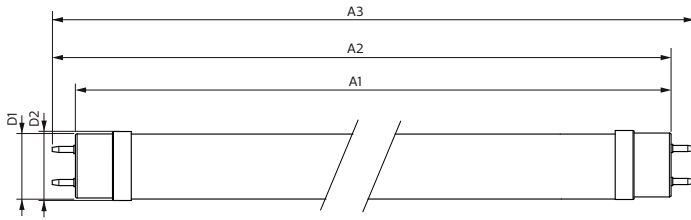
- Office
- Retail
- Industrial Buildings & Warehouses
- Parking

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Versions



Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1500mm HO 20.5W 865 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm
MAS LEDtube VLE 600mm HO 8W 865 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube VLE 1200mm HO 14W 865 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

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Approval and Application

Energy Efficiency Label (EEL) A++

Controls and Dimming

Dimmable No

Operating and Electrical

Input Frequency 50 to 60 Hz

Voltage (Nom) 220-240 V

Starting Time (Nom) 0.5 s

General Information

Cap-Base G13

Nominal Lifetime (Nom) 50000 h

Rated Lifetime (Hours) 50000 h

Switching Cycle 200000X

Light Technical

Beam Angle (Nom) 240 °

Colour Code 865

Correlated Colour Temperature (Nom) 6500 K

Colour Rendering Index (Nom) 83

Llmf At End Of Nominal Lifetime (Nom) 70 %

Rated Beam Angle 240 °

Temperature

T-Ambient (Max) 45 °C

T-Ambient (Min) -20 °C

T-Storage (Max) 65 °C

T-Storage (Min) -40 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
64683700	MAS LEDtube VLE 600mm HO 8W 865 T8	8 kWh
64689900	MAS LEDtube VLE 1200mm HO 14W 865 T8	14 kWh
64695000	MAS LEDtube VLE 1500mm HO 20W 865 T8	21 kWh

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
64683700	MAS LEDtube VLE 600mm HO 8W 865 T8	8 W
64689900	MAS LEDtube VLE 1200mm HO 14W 865 T8	14 W

Order Code	Full Product Name	Power (Rated) (Nom)
64695000	MAS LEDtube VLE 1500mm HO 20W 865 T8	20.5 W

Light Technical

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
64683700	MAS LEDtube VLE 600mm HO 8W 865 T8	1050 lm	1050 lm
64689900	MAS LEDtube VLE 1200mm HO 14W 865 T8	2100 lm	2100 lm

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
64695000	MAS LEDtube VLE 1500mm HO 20W 865 T8	3100 lm	3100 lm

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
64683700	MAS LEDtube VLE 600mm HO 8W 865 T8	50 °C
64689900	MAS LEDtube VLE 1200mm HO 14W 865 T8	55 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
64695000	MAS LEDtube VLE 1500mm HO 20W 865 T8	60 °C

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