



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

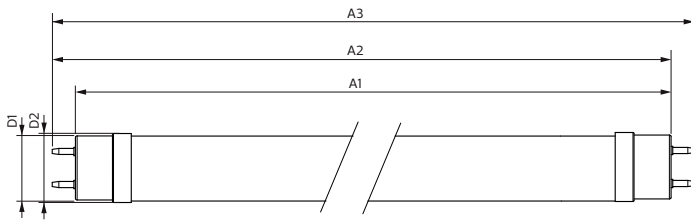
- Office
- Retail
- Industrial Buildings & Warehouses
- Parking

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Versions



Dimensional drawing



Product	D1	D2	A1	A2	A3
MASTER LEDtube VLE 1200mm HO 14W 865 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
MASTER LEDtube VLE 600mm HO 8W 865 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MASTER LEDtube VLE 600mm HO 8W 840 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm
MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm
MASTER LEDtube VLE 1200mm HO 14W 840 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

Switching Cycle 200,000X

Light Technical

Beam Angle (Nom) 240 °

Colour Rendering Index (Nom) 83

Llmf At End Of Nominal Lifetime (Nom) 70 %

Mechanical and Housing

Bulb Shape Tube, double-ended

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
929002021202	MASTER LEDtube VLE 600mm HO 8W 840 T8	8 kWh
929002021302	MASTER LEDtube VLE 600mm HO 8W 865 T8	8 kWh
929002021502	MASTER LEDtube VLE 1200mm HO 14W 840 T8	14 kWh
929002021602	MASTER LEDtube VLE 1200mm HO 14W 865 T8	14 kWh
929002021802	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	21 kWh
929002021902	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	21 kWh

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
929002021202	MASTER LEDtube VLE 600mm HO 8W 840 T8	8 W
929002021302	MASTER LEDtube VLE 600mm HO 8W 865 T8	8 W
929002021502	MASTER LEDtube VLE 1200mm HO 14W 840 T8	14 W

Order Code	Full Product Name	Power (Rated) (Nom)
929002021602	MASTER LEDtube VLE 1200mm HO 14W 865 T8	14 W
929002021802	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	20.5 W
929002021902	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	20.5 W

Light Technical

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
929002021202	MASTER LEDtube VLE 600mm HO 8W 840 T8	840	4000 K	1050 lm
929002021302	MASTER LEDtube VLE 600mm HO 8W 865 T8	865	6500 K	1050 lm
929002021502	MASTER LEDtube VLE 1200mm HO 14W 840 T8	840	4000 K	2100 lm
929002021602	MASTER LEDtube VLE 1200mm HO 14W 865 T8	865	6500 K	2100 lm

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
929002021802	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	840	4000 K	3100 lm
929002021902	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	865	6500 K	3100 lm

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Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929002021202	MASTER LEDtube VLE 600mm HO 8W 840 T8	50 °C
929002021302	MASTER LEDtube VLE 600mm HO 8W 865 T8	50 °C
929002021502	MASTER LEDtube VLE 1200mm HO 14W 840 T8	55 °C
929002021602	MASTER LEDtube VLE 1200mm HO 14W 865 T8	55 °C
929002021802	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	60 °C
929002021902	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	60 °C

