



# 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

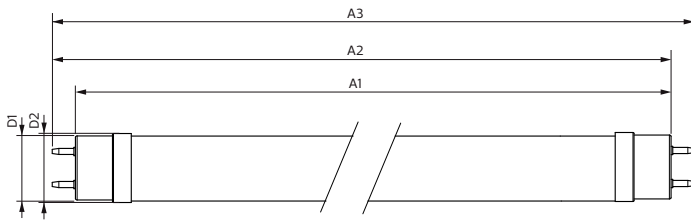
- Office
- Retail
- Industrial Buildings & Warehouses
- Parking

# Master Value LEDtube T8

## 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 1200mm HO 14W 830 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 UO 24W 830 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 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 830 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm
MASTER LEDtube VLE 1200mm UO 16W 830 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
MASTER LEDtube VLE 1200mm UO 16W 865 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm
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MASTER LEDtube VLE 1500mm UO 24W 865 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm
MASTER LEDtube VLE 1500mm UO 24W 840 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm

# Master Value LEDtube T8

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
929002021402	MASTER LEDtube VLE 1200mm HO 14W 830 T8	14 kWh
929002021602	MASTER LEDtube VLE 1200mm HO 14W 865 T8	14 kWh
929002022002	MASTER LEDtube VLE 1200mm UO 16W 830 T8	16 kWh
929002022102	MASTER LEDtube VLE 1200mm UO 16W 840 T8	16 kWh
929002022202	MASTER LEDtube VLE 1200mm UO 16W 865 T8	16 kWh
929002021702	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	21 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
929002022302	MASTER LEDtube VLE 1500mm UO 24W 830 T8	24 kWh
929002022402	MASTER LEDtube VLE 1500mm UO 24W 840 T8	24 kWh
929002022502	MASTER LEDtube VLE 1500mm UO 24W 865 T8	24 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
929002021402	MASTER LEDtube VLE 1200mm HO 14W 830 T8	14 W
929002021602	MASTER LEDtube VLE 1200mm HO 14W 865 T8	14 W
929002022002	MASTER LEDtube VLE 1200mm UO 16W 830 T8	16 W
929002022102	MASTER LEDtube VLE 1200mm UO 16W 840 T8	16 W
929002022202	MASTER LEDtube VLE 1200mm UO 16W 865 T8	16 W

Order Code	Full Product Name	Power (Rated) (Nom)
929002021702	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	20.5 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
929002022302	MASTER LEDtube VLE 1500mm UO 24W 830 T8	24 W
929002022402	MASTER LEDtube VLE 1500mm UO 24W 840 T8	24 W
929002022502	MASTER LEDtube VLE 1500mm UO 24W 865 T8	24 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

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
929002021302	MASTER LEDtube VLE 600mm HO 8W 865 T8	865	6500 K	1050 lm

## Master Value LEDtube T8

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
929002021402	MASTER LEDtube VLE 1200mm HO 14W 830 T8	830	3000 K	2000 lm
929002021602	MASTER LEDtube VLE 1200mm HO 14W 865 T8	865	6500 K	2100 lm
929002022002	MASTER LEDtube VLE 1200mm UO 16W 830 T8	830	3000 K	2300 lm
929002022102	MASTER LEDtube VLE 1200mm UO 16W 840 T8	840	4000 K	2500 lm
929002022202	MASTER LEDtube VLE 1200mm UO 16W 865 T8	865	6500 K	2500 lm
929002021702	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	830	3000 K	2900 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
929002022302	MASTER LEDtube VLE 1500mm UO 24W 830 T8	830	3000 K	3400 lm
929002022402	MASTER LEDtube VLE 1500mm UO 24W 840 T8	840	4000 K	3700 lm
929002022502	MASTER LEDtube VLE 1500mm UO 24W 865 T8	865	6500 K	3700 lm

### 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
929002021402	MASTER LEDtube VLE 1200mm HO 14W 830 T8	55 °C
929002021602	MASTER LEDtube VLE 1200mm HO 14W 865 T8	55 °C
929002022002	MASTER LEDtube VLE 1200mm UO 16W 830 T8	55 °C
929002022102	MASTER LEDtube VLE 1200mm UO 16W 840 T8	55 °C
929002022202	MASTER LEDtube VLE 1200mm UO 16W 865 T8	55 °C
929002021702	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	60 °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

Order Code	Full Product Name	T-Case Maximum (Nom)
929002022302	MASTER LEDtube VLE 1500mm UO 24W 830 T8	60 °C
929002022402	MASTER LEDtube VLE 1500mm UO 24W 840 T8	60 °C
929002022502	MASTER LEDtube VLE 1500mm UO 24W 865 T8	60 °C

