



# 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 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

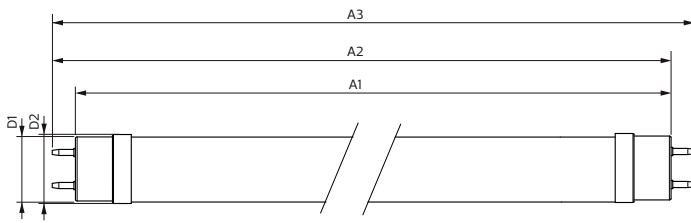


Medium Bi-Pin Fluorescent

Medium Bi-Pin Fluorescent

Medium Bi-Pin Fluorescent

## 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 600mm HO 8W 830 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 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 LEDtube VLE 1200mm HO 14W 840 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 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 200000X

## Light Technical

Beam Angle (Nom) 240 °

Color 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
929002021102	MASTER LEDtube VLE 600mm HO 8W 830 T8	8 kWh
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
929002021502	MASTER LEDtube VLE 1200mm HO 14W 840 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)
929002021102	MASTER LEDtube VLE 600mm HO 8W 830 T8	8 W
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
929002021502	MASTER LEDtube VLE 1200mm HO 14W 840 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

Order Code	Full Product Name	Power (Rated) (Nom)
929002022202	MASTER LEDtube VLE 1200mm UO 16W 865 T8	16 W
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	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929002021102	MASTER LEDtube VLE 600mm HO 8W 830 T8	830	3000 K	1000 lm

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929002021202	MASTER LEDtube VLE 600mm HO 8W 840 T8	840	4000 K	1050 lm

## Master Value LEDtube T8

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929002021302	MASTER LEDtube VLE 600mm HO 8W 865 T8	865	6500 K	1050 lm
929002021402	MASTER LEDtube VLE 1200mm HO 14W 830 T8	830	3000 K	2000 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
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	Correlated Color		
		Color Code	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)
929002021102	MASTER LEDtube VLE 600mm HO 8W 830 T8	50 °C
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
929002021502	MASTER LEDtube VLE 1200mm HO 14W 840 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

