



# 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

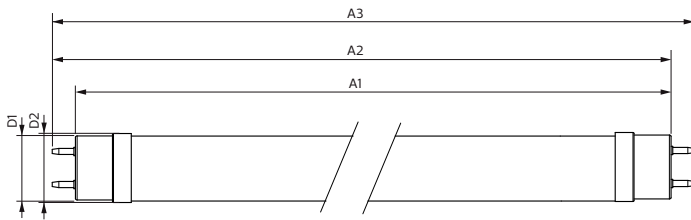
- Office
- Retail
- Industrial Buildings & Warehouses
- Parking

# 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 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 1500mm HO 20.5W 840 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm
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 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 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
64679000	MASTER LEDtube VLE 600mm HO 8W 830 T8	8 kWh
64681300	MASTER LEDtube VLE 600mm HO 8W 840 T8	8 kWh
64683700	MASTER LEDtube VLE 600mm HO 8W 865 T8	8 kWh
64685100	MASTER LEDtube VLE 1200mm HO 14W 830 T8	14 kWh
64687500	MASTER LEDtube VLE 1200mm HO 14W 840 T8	14 kWh
64689900	MASTER LEDtube VLE 1200mm HO 14W 865 T8	14 kWh
64691200	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	21 kWh
64693600	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	21 kWh
64695000	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	21 kWh
64707000	MASTER LEDtube VLE 1500mm UO 24W 865 T8	24 kWh

## Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
64679000	MASTER LEDtube VLE 600mm HO 8W 830 T8	8 W
64681300	MASTER LEDtube VLE 600mm HO 8W 840 T8	8 W
64683700	MASTER LEDtube VLE 600mm HO 8W 865 T8	8 W
64685100	MASTER LEDtube VLE 1200mm HO 14W 830 T8	14 W
64687500	MASTER LEDtube VLE 1200mm HO 14W 840 T8	14 W

Order Code	Full Product Name	Power (Rated) (Nom)
64689900	MASTER LEDtube VLE 1200mm HO 14W 865 T8	14 W
64691200	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	20.5 W
64693600	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	20.5 W
64695000	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	20.5 W
64707000	MASTER LEDtube VLE 1500mm UO 24W 865 T8	24 W

## Light Technical

Order Code	Full Product Name	Correlated Colour		
		Colour Code	Temperature (Nom)	Luminous Flux (Nom)
64679000	MASTER LEDtube VLE 600mm HO 8W 830 T8	830	3000 K	1000 lm
64681300	MASTER LEDtube VLE 600mm HO 8W 840 T8	841	4000 K	1050 lm
64683700	MASTER LEDtube VLE 600mm HO 8W 865 T8	865	6500 K	1050 lm

Order Code	Full Product Name	Correlated Colour		
		Colour Code	Temperature (Nom)	Luminous Flux (Nom)
64685100	MASTER LEDtube VLE 1200mm HO 14W 830 T8	830	3000 K	2000 lm
64687500	MASTER LEDtube VLE 1200mm HO 14W 840 T8	841	4000 K	2100 lm
64689900	MASTER LEDtube VLE 1200mm HO 14W 865 T8	865	6500 K	2100 lm

## Master Value LEDtube T8

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
64691200	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	830	3000 K	2900 lm
64693600	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	841	4000 K	3100 lm

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
64695000	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	865	6500 K	3100 lm
64707000	MASTER LEDtube VLE 1500mm UO 24W 865 T8	865	6500 K	3700 lm

### Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
64679000	MASTER LEDtube VLE 600mm HO 8W 830 T8	50 °C
64681300	MASTER LEDtube VLE 600mm HO 8W 840 T8	50 °C
64683700	MASTER LEDtube VLE 600mm HO 8W 865 T8	50 °C
64685100	MASTER LEDtube VLE 1200mm HO 14W 830 T8	55 °C
64687500	MASTER LEDtube VLE 1200mm HO 14W 840 T8	55 °C
64689900	MASTER LEDtube VLE 1200mm HO 14W 865 T8	55 °C
64691200	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	60 °C
64693600	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	60 °C
64695000	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	60 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
64707000	MASTER LEDtube VLE 1500mm UO 24W 865 T8	60 °C

