



# For an optimum combination of value and performance

## MASTER Value LED tube EM/Mains 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 an optimal combination of value and performance – for use in all general lighting, office, industry, retail, and hospitality applications. The unique design of this LED T8 tube light offers wide compatibility, safety and fast installation, as well as instant energy savings.

### Benefits

- An easy retrofit that is easy to install
- Trusted performance and excellent value
- One for all solution: fits a wide range of applications

### Features

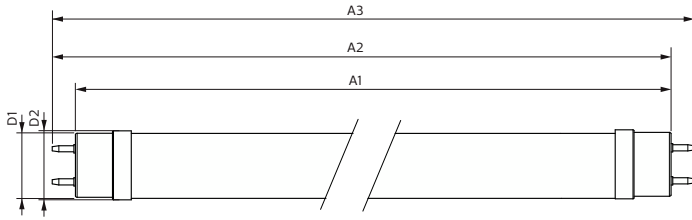
- Retrofit for existing T8 lamps on EM ballast or mains
- > 50% energy savings compared to fluorescent tubes with up to 160lm/W
- Extra-long lifetime up to 60,000 hours
- Enable implementation of HACCP, supported by product level NSF certificate
- No mercury

### Application

- Office
- Retail
- Industrial Buildings & Warehouses
- Parking

# MASTER Value LED tube EM/Mains T8

## Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1200mm HO 14W 830 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube VLE 1200mm HO 14W 865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube VLE 1200mm HO 14W830 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube VLE 1200mm HO 14W840 T8 MY	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube VLE 1200mm HO 14W865 T8 MY	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube VLE 600mm HO 8W 830 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube VLE 600mm HO 8W 840 T8 MY	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 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 600mm HO 8W 865 T8 MY	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

General Information	
Cap-Base	G13
Switching Cycle	200,000
Light Technical	
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T8
Approval and Application	
Ambient temperature range	-20 °C to 45 °C

## General Information

Order Code	Full Product Name	Nominal lifetime
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	75,000 hour(s)
929003069808	MAS LEDtube VLE 600mm HO 8W 830 T8	60,000 hour(s)
929003069937	MAS LEDtube VLE 600mm HO 8W 840 T8 MY	60,000 hour(s)
929003070037	MAS LEDtube VLE 600mm HO 8W 865 T8 MY	60,000 hour(s)
929002021402	MAS LEDtube VLE 1200mm HO 14W 830 T8	60,000 hour(s)
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	60,000 hour(s)
929003070108	MAS LEDtube VLE 1200mm HO 14W830 T8	60,000 hour(s)
929003070237	MAS LEDtube VLE 1200mm HO 14W840 T8 MY	60,000 hour(s)
929003070337	MAS LEDtube VLE 1200mm HO 14W865 T8 MY	60,000 hour(s)

## Light Technical (1/2)

## MASTER Value LED tube EM/Mains T8

Order Code	Full Product Name	Beam Angle (Nom)	Correlated		
			Color Temperature (Nom)	Color rendering index (CRI)	Color Code
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	190 degree(s)	6500 K	80	865
929003069808	MAS LEDtube VLE 600mm HO 8W 830 T8	240 degree(s)	3000 K	83	830
929003069937	MAS LEDtube VLE 600mm HO 8W 840 T8 MY	240 degree(s)	4000 K	83	840
929003070037	MAS LEDtube VLE 600mm HO 8W 865 T8 MY	240 degree(s)	6500 K	83	865
929002021402	MAS LEDtube VLE 1200mm HO 14W 830 T8	190 degree(s)	3000 K	80	830

Order Code	Full Product Name	Beam Angle (Nom)	Correlated		
			Color Temperature (Nom)	Color rendering index (CRI)	Color Code
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	190 degree(s)	6500 K	80	865
929003070108	MAS LEDtube VLE 1200mm HO 14W830 T8	240 degree(s)	3000 K	83	830
929003070237	MAS LEDtube VLE 1200mm HO 14W840 T8 MY	240 degree(s)	4000 K	83	840
929003070337	MAS LEDtube VLE 1200mm HO 14W865 T8 MY	240 degree(s)	6500 K	83	865

### Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	1,050 lm
929003069808	MAS LEDtube VLE 600mm HO 8W 830 T8	1,000 lm
929003069937	MAS LEDtube VLE 600mm HO 8W 840 T8 MY	1,050 lm
929003070037	MAS LEDtube VLE 600mm HO 8W 865 T8 MY	1,050 lm
929002021402	MAS LEDtube VLE 1200mm HO 14W 830 T8	2,000 lm

Order Code	Full Product Name	Luminous Flux
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	2,100 lm
929003070108	MAS LEDtube VLE 1200mm HO 14W830 T8	2,000 lm
929003070237	MAS LEDtube VLE 1200mm HO 14W840 T8 MY	2,100 lm
929003070337	MAS LEDtube VLE 1200mm HO 14W865 T8 MY	2,100 lm

### Operating and Electrical

Order Code	Full Product Name	Power Consumption
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	8 W
929003069808	MAS LEDtube VLE 600mm HO 8W 830 T8	8 W
929003069937	MAS LEDtube VLE 600mm HO 8W 840 T8 MY	8 W
929003070037	MAS LEDtube VLE 600mm HO 8W 865 T8 MY	8 W
929002021402	MAS LEDtube VLE 1200mm HO 14W 830 T8	14 W

Order Code	Full Product Name	Power Consumption
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	14 W
929003070108	MAS LEDtube VLE 1200mm HO 14W830 T8	14 W
929003070237	MAS LEDtube VLE 1200mm HO 14W840 T8 MY	14 W
929003070337	MAS LEDtube VLE 1200mm HO 14W865 T8 MY	14 W

### Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	55 °C
929003069808	MAS LEDtube VLE 600mm HO 8W 830 T8	55 °C
929003069937	MAS LEDtube VLE 600mm HO 8W 840 T8 MY	55 °C
929003070037	MAS LEDtube VLE 600mm HO 8W 865 T8 MY	55 °C
929002021402	MAS LEDtube VLE 1200mm HO 14W 830 T8	60 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	60 °C
929003070108	MAS LEDtube VLE 1200mm HO 14W830 T8	55 °C
929003070237	MAS LEDtube VLE 1200mm HO 14W840 T8 MY	55 °C
929003070337	MAS LEDtube VLE 1200mm HO 14W865 T8 MY	55 °C

### Approval and Application

# MASTER Value LED tube EM/Mains T8

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	8 kWh
929003069808	MAS LEDtube VLE 600mm HO 8W 830 T8	-
929003069937	MAS LEDtube VLE 600mm HO 8W 840 T8 MY	-
929003070037	MAS LEDtube VLE 600mm HO 8W 865 T8 MY	-
929002021402	MAS LEDtube VLE 1200mm HO 14W 830 T8	14 kWh
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	14 kWh
929003070108	MAS LEDtube VLE 1200mm HO 14W830 T8	-
929003070237	MAS LEDtube VLE 1200mm HO 14W840 T8 MY	-
929003070337	MAS LEDtube VLE 1200mm HO 14W865 T8 MY	-

