



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

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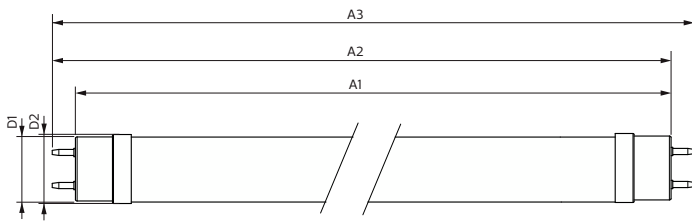
Versions



LEDtube 220-240V G13 5ft

LEDtube 220-240V G13 4ft

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1200mm HO 14W 840 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 1500mm HO 20.5W 840 T8	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
MAS LEDtube VLE 1500mm HO 20.5W 865 T8	25.8 mm	28 mm	1,498.7 mm	1,505.8 mm	1,512.9 mm
MAS LEDtube VLE 1500mm UO 23W 840 T8	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
MAS LEDtube VLE 600mm HO 8W 840 T8	25.8 mm	28 mm	588.6 mm	595.7 mm	602.8 mm
MAS LEDtube VLE 600mm HO 8W 865 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

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General Information	
Cap-Base	G13
Switching Cycle	200,000
Light Technical	
Beam Angle (Nom)	190 degree(s)
Color rendering index (CRI)	80
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
929002021202	MAS LEDtube VLE 600mm HO 8W 840 T8	75,000 hour(s)
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	75,000 hour(s)
929002021802	MAS LEDtube VLE 1500mm HO 20.5W 840 T8	60,000 hour(s)
929002021902	MAS LEDtube VLE 1500mm HO 20.5W 865 T8	60,000 hour(s)
929002021502	MAS LEDtube VLE 1200mm HO 14W 840 T8	60,000 hour(s)
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	60,000 hour(s)
929002998002	MAS LEDtube VLE 1500mm UO 23W 840 T8	60,000 hour(s)

Light Technical

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929002021202	MAS LEDtube VLE 600mm HO 8W 840 T8	4000 K	840	1,050 lm
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	6500 K	865	1,050 lm
929002021802	MAS LEDtube VLE 1500mm HO 20.5W 840 T8	4000 K	840	3,100 lm
929002021902	MAS LEDtube VLE 1500mm HO 20.5W 865 T8	6500 K	865	3,100 lm

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929002021502	MAS LEDtube VLE 1200mm HO 14W 840 T8	4000 K	840	2,100 lm
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	6500 K	865	2,100 lm
929002998002	MAS LEDtube VLE 1500mm UO 23W 840 T8	4000 K	840	3,700 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929002021202	MAS LEDtube VLE 600mm HO 8W 840 T8	8 W
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	8 W
929002021802	MAS LEDtube VLE 1500mm HO 20.5W 840 T8	20.5 W
929002021902	MAS LEDtube VLE 1500mm HO 20.5W 865 T8	20.5 W

Order Code	Full Product Name	Power Consumption
929002021502	MAS LEDtube VLE 1200mm HO 14W 840 T8	14 W
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	14 W
929002998002	MAS LEDtube VLE 1500mm UO 23W 840 T8	23 W

Temperature

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Order Code	Full Product Name	T-Case Maximum (Nom)
929002021202	MAS LEDtube VLE 600mm HO 8W 840 T8	55 °C
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	55 °C
929002021802	MAS LEDtube VLE 1500mm HO 20.5W 840 T8	65 °C
929002021902	MAS LEDtube VLE 1500mm HO 20.5W 865 T8	65 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929002021502	MAS LEDtube VLE 1200mm HO 14W 840 T8	60 °C
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	60 °C
929002998002	MAS LEDtube VLE 1500mm UO 23W 840 T8	65 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929002021202	MAS LEDtube VLE 600mm HO 8W 840 T8	8 kWh
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	8 kWh
929002021802	MAS LEDtube VLE 1500mm HO 20.5W 840 T8	21 kWh
929002021902	MAS LEDtube VLE 1500mm HO 20.5W 865 T8	21 kWh
929002021502	MAS LEDtube VLE 1200mm HO 14W 840 T8	14 kWh
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	14 kWh
929002998002	MAS LEDtube VLE 1500mm UO 23W 840 T8	23 kWh

