



For an optimum combination of value and performance

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 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

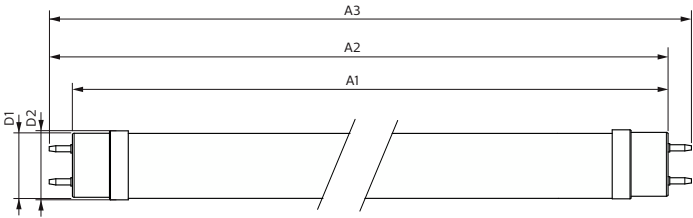
- Retrofit for existing T8 lamps on EM ballast or mains
- > 50% energy savings compared to fluorescent tubes with up to 160lm/W
- Extra-long lifetime up to 60,000 hours
- Enable implementation of HACCP, supported by product level NSF certificate
- No mercury

Application

- Office
- Retail
- Industrial Buildings & Warehouses
- Parking

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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 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 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	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube VLE 1200mm HO 14W865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube VLE 1200mm UO 15.5W 830 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube VLE 1200mm UO 15.5W 840 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube VLE 1200mm UO 15.5W 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 830 T8	25.8 mm	28 mm	1,498.7 mm	1,505.8 mm	1,512.9 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 830 T8	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
MAS LEDtube VLE 1500mm UO 23W 865 T8	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 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 830 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 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 840 T8	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	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

MASTER Value LEDtube T8

General Information	
Cap-Base	G13
Switching Cycle	200,000
Nominal lifetime	60,000 hour(s)
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

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code
929002021102	MAS LEDtube VLE 600mm HO 8W 830 T8	190 degree(s)	3000 K	80	830
929002021202	MAS LEDtube VLE 600mm HO 8W 840 T8	190 degree(s)	4000 K	80	840
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
929003069908	MAS LEDtube VLE 600mm HO 8W 840 T8	240 degree(s)	4000 K	83	840
929003070008	MAS LEDtube VLE 600mm HO 8W 865 T8	240 degree(s)	6500 K	83	865
929002021702	MAS LEDtube VLE 1500mm HO 20.5W 830 T8	190 degree(s)	3000 K	80	830
929002021802	MAS LEDtube VLE 1500mm HO 20.5W 840 T8	190 degree(s)	4000 K	80	840
929002021902	MAS LEDtube VLE 1500mm HO 20.5W 865 T8	190 degree(s)	6500 K	80	865
929002021402	MAS LEDtube VLE 1200mm HO 14W 830 T8	190 degree(s)	3000 K	80	830
929002021502	MAS LEDtube VLE 1200mm HO 14W 840 T8	190 degree(s)	4000 K	80	840
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	190 degree(s)	6500 K	80	865
929002997602	MAS LEDtube VLE 1200mm UO 15.5W 830 T8	190 degree(s)	3000 K	80	830
929002997702	MAS LEDtube VLE 1200mm UO 15.5W 840 T8	190 degree(s)	4000 K	80	840
929002997802	MAS LEDtube VLE 1200mm UO 15.5W 865 T8	190 degree(s)	6500 K	80	865
929002997902	MAS LEDtube VLE 1500mm UO 23W 830 T8	190 degree(s)	3000 K	80	830
929002998102	MAS LEDtube VLE 1500mm UO 23W 865 T8	190 degree(s)	6500 K	80	865
929003070108	MAS LEDtube VLE 1200mm HO 14W830 T8	240 degree(s)	3000 K	83	830
929003070208	MAS LEDtube VLE 1200mm HO 14W840 T8	240 degree(s)	4000 K	83	840
929003070308	MAS LEDtube VLE 1200mm HO 14W865 T8	240 degree(s)	6500 K	83	865

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Order Code	Full Product Name	Luminous Flux
929002021102	MAS LEDtube VLE 600mm HO 8W 830 T8	1,000 lm	929003069908	MAS LEDtube VLE 600mm HO 8W 840 T8	1,050 lm
929002021202	MAS LEDtube VLE 600mm HO 8W 840 T8	1,050 lm	929003070008	MAS LEDtube VLE 600mm HO 8W 865 T8	1,050 lm
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	1,050 lm	929002021702	MAS LEDtube VLE 1500mm HO 20.5W 830 T8	2,900 lm
929003069808	MAS LEDtube VLE 600mm HO 8W 830 T8	1,000 lm	929002021802	MAS LEDtube VLE 1500mm HO 20.5W 840 T8	3,100 lm

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Order Code	Full Product Name	Luminous Flux
929002021902	MAS LEDtube VLE 1500mm HO 20.5W 865 T8	3,100 lm
929002021402	MAS LEDtube VLE 1200mm HO 14W 830 T8	2,000 lm
929002021502	MAS LEDtube VLE 1200mm HO 14W 840 T8	2,100 lm
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	2,100 lm
929002997602	MAS LEDtube VLE 1200mm UO 15.5W 830 T8	2,300 lm
929002997702	MAS LEDtube VLE 1200mm UO 15.5W 840 T8	2,500 lm

Order Code	Full Product Name	Luminous Flux
929002997802	MAS LEDtube VLE 1200mm UO 15.5W 865 T8	2,500 lm
929002997902	MAS LEDtube VLE 1500mm UO 23W 830 T8	3,400 lm
929002998102	MAS LEDtube VLE 1500mm UO 23W 865 T8	3,700 lm
929003070108	MAS LEDtube VLE 1200mm HO 14W830 T8	2,000 lm
929003070208	MAS LEDtube VLE 1200mm HO 14W840 T8	2,100 lm
929003070308	MAS LEDtube VLE 1200mm HO 14W865 T8	2,100 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929002021102	MAS LEDtube VLE 600mm HO 8W 830 T8	8 W
929002021202	MAS LEDtube VLE 600mm HO 8W 840 T8	8 W
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	8 W
929003069808	MAS LEDtube VLE 600mm HO 8W 830 T8	8 W
929003069908	MAS LEDtube VLE 600mm HO 8W 840 T8	8 W
929003070008	MAS LEDtube VLE 600mm HO 8W 865 T8	8 W
929002021702	MAS LEDtube VLE 1500mm HO 20.5W 830 T8	20.5 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
929002021402	MAS LEDtube VLE 1200mm HO 14W 830 T8	14 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
929002997602	MAS LEDtube VLE 1200mm UO 15.5W 830 T8	15.5 W
929002997702	MAS LEDtube VLE 1200mm UO 15.5W 840 T8	15.5 W
929002997802	MAS LEDtube VLE 1200mm UO 15.5W 865 T8	15.5 W
929002997902	MAS LEDtube VLE 1500mm UO 23W 830 T8	23 W
929002998102	MAS LEDtube VLE 1500mm UO 23W 865 T8	23 W
929003070108	MAS LEDtube VLE 1200mm HO 14W830 T8	14 W
929003070208	MAS LEDtube VLE 1200mm HO 14W840 T8	14 W
929003070308	MAS LEDtube VLE 1200mm HO 14W865 T8	14 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929002021102	MAS LEDtube VLE 600mm HO 8W 830 T8	55 °C
929002021202	MAS LEDtube VLE 600mm HO 8W 840 T8	55 °C
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	55 °C
929003069808	MAS LEDtube VLE 600mm HO 8W 830 T8	55 °C
929003069908	MAS LEDtube VLE 600mm HO 8W 840 T8	55 °C
929003070008	MAS LEDtube VLE 600mm HO 8W 865 T8	55 °C
929002021702	MAS LEDtube VLE 1500mm HO 20.5W 830 T8	65 °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
929002021402	MAS LEDtube VLE 1200mm HO 14W 830 T8	60 °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
929002997602	MAS LEDtube VLE 1200mm UO 15.5W 830 T8	60 °C
929002997702	MAS LEDtube VLE 1200mm UO 15.5W 840 T8	60 °C
929002997802	MAS LEDtube VLE 1200mm UO 15.5W 865 T8	60 °C
929002997902	MAS LEDtube VLE 1500mm UO 23W 830 T8	65 °C
929002998102	MAS LEDtube VLE 1500mm UO 23W 865 T8	65 °C
929003070108	MAS LEDtube VLE 1200mm HO 14W830 T8	55 °C
929003070208	MAS LEDtube VLE 1200mm HO 14W840 T8	55 °C
929003070308	MAS LEDtube VLE 1200mm HO 14W865 T8	55 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929002021102	MAS LEDtube VLE 600mm HO 8W 830 T8	8 kWh
929002021202	MAS LEDtube VLE 600mm HO 8W 840 T8	8 kWh
929002021302	MAS LEDtube VLE 600mm HO 8W 865 T8	8 kWh
929003069808	MAS LEDtube VLE 600mm HO 8W 830 T8	-
929003069908	MAS LEDtube VLE 600mm HO 8W 840 T8	-
929003070008	MAS LEDtube VLE 600mm HO 8W 865 T8	-
929002021702	MAS LEDtube VLE 1500mm HO 20.5W 830 T8	21 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
929002021402	MAS LEDtube VLE 1200mm HO 14W 830 T8	14 kWh
929002021502	MAS LEDtube VLE 1200mm HO 14W 840 T8	14 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929002021602	MAS LEDtube VLE 1200mm HO 14W 865 T8	14 kWh
929002997602	MAS LEDtube VLE 1200mm UO 15.5W 830 T8	16 kWh
929002997702	MAS LEDtube VLE 1200mm UO 15.5W 840 T8	16 kWh
929002997802	MAS LEDtube VLE 1200mm UO 15.5W 865 T8	16 kWh
929002997902	MAS LEDtube VLE 1500mm UO 23W 830 T8	23 kWh
929002998102	MAS LEDtube VLE 1500mm UO 23W 865 T8	23 kWh
929003070108	MAS LEDtube VLE 1200mm HO 14W830 T8	-
929003070208	MAS LEDtube VLE 1200mm HO 14W840 T8	-
929003070308	MAS LEDtube VLE 1200mm HO 14W865 T8	-

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