



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

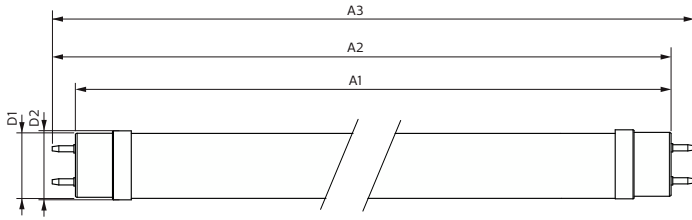
- Retrofit for existing T8 lamps on EM ballast or mains
- > 50% energy savings compared to fluorescent tubes with up to 160lm/W
- Extra-long lifetime up to 60,000 hours
- No mercury

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 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 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

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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
Temperature	
Ambient temperature range	-20 °C to 45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T8

General Information

Order Code	Full Product Name	Nominal lifetime
64679000	MASTER LEDtube VLE 600mm HO 8W 830 T8	60,000 hour(s)
64681300	MASTER LEDtube VLE 600mm HO 8W 840 T8	60,000 hour(s)
64683700	MASTER LEDtube VLE 600mm HO 8W 865 T8	60,000 hour(s)
35068700	MASTER LEDtube VLE 600mm HO 8W 830 T8	50,000 hour(s)
35070000	MASTER LEDtube VLE 600mm HO 8W 840 T8	50,000 hour(s)
35072400	MASTER LEDtube VLE 600mm HO 8W 865 T8	50,000 hour(s)
64691200	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	60,000 hour(s)
64693600	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	60,000 hour(s)
64695000	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	60,000 hour(s)
64685100	MASTER LEDtube VLE 1200mm HO 14W 830 T8	60,000 hour(s)
64687500	MASTER LEDtube VLE 1200mm HO 14W 840 T8	60,000 hour(s)
64689900	MASTER LEDtube VLE 1200mm HO 14W 865 T8	60,000 hour(s)
35074800	MASTER LEDtube VLE 1200mm HO 14W830 T8	50,000 hour(s)
35076200	MASTER LEDtube VLE 1200mm HO 14W840 T8	50,000 hour(s)
35078600	MASTER LEDtube VLE 1200mm HO 14W865 T8	50,000 hour(s)

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		
			Temperature (Nom)	Color rendering	Color index (CRI)
64679000	MASTER LEDtube VLE 600mm HO 8W 830 T8	190 degree(s)	3000 K	80	830
64681300	MASTER LEDtube VLE 600mm HO 8W 840 T8	190 degree(s)	4000 K	80	840
64683700	MASTER LEDtube VLE 600mm HO 8W 865 T8	190 degree(s)	6500 K	80	865
35068700	MASTER LEDtube VLE 600mm HO 8W 830 T8	240 degree(s)	3000 K	83	830
35070000	MASTER LEDtube VLE 600mm HO 8W 840 T8	240 degree(s)	4000 K	83	840
35072400	MASTER LEDtube VLE 600mm HO 8W 865 T8	240 degree(s)	6500 K	83	865
64691200	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	190 degree(s)	3000 K	80	830
64693600	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	190 degree(s)	4000 K	80	840

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		
			Temperature (Nom)	Color rendering	Color index (CRI)
64695000	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	190 degree(s)	6500 K	80	865
64685100	MASTER LEDtube VLE 1200mm HO 14W 830 T8	190 degree(s)	3000 K	80	830
64687500	MASTER LEDtube VLE 1200mm HO 14W 840 T8	190 degree(s)	4000 K	80	840
64689900	MASTER LEDtube VLE 1200mm HO 14W 865 T8	190 degree(s)	6500 K	80	865
35074800	MASTER LEDtube VLE 1200mm HO 14W830 T8	240 degree(s)	3000 K	83	830
35076200	MASTER LEDtube VLE 1200mm HO 14W840 T8	240 degree(s)	4000 K	83	840
35078600	MASTER LEDtube VLE 1200mm HO 14W865 T8	240 degree(s)	6500 K	83	865

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Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux
64679000	MASTER LEDtube VLE 600mm HO 8W 830 T8	1,000 lm
64681300	MASTER LEDtube VLE 600mm HO 8W 840 T8	1,050 lm
64683700	MASTER LEDtube VLE 600mm HO 8W 865 T8	1,050 lm
35068700	MASTER LEDtube VLE 600mm HO 8W 830 T8	1,000 lm
35070000	MASTER LEDtube VLE 600mm HO 8W 840 T8	1,050 lm
35072400	MASTER LEDtube VLE 600mm HO 8W 865 T8	1,050 lm
64691200	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	2,900 lm
64693600	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	3,100 lm

Order Code	Full Product Name	Luminous Flux
64695000	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	3,100 lm
64685100	MASTER LEDtube VLE 1200mm HO 14W 830 T8	2,000 lm
64687500	MASTER LEDtube VLE 1200mm HO 14W 840 T8	2,100 lm
64689900	MASTER LEDtube VLE 1200mm HO 14W 865 T8	2,100 lm
35074800	MASTER LEDtube VLE 1200mm HO 14W830 T8	2,000 lm
35076200	MASTER LEDtube VLE 1200mm HO 14W840 T8	2,100 lm
35078600	MASTER LEDtube VLE 1200mm HO 14W865 T8	2,100 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
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
35068700	MASTER LEDtube VLE 600mm HO 8W 830 T8	8 W
35070000	MASTER LEDtube VLE 600mm HO 8W 840 T8	8 W
35072400	MASTER LEDtube VLE 600mm HO 8W 865 T8	8 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

Order Code	Full Product Name	Power Consumption
64695000	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	20.5 W
64685100	MASTER LEDtube VLE 1200mm HO 14W 830 T8	14 W
64687500	MASTER LEDtube VLE 1200mm HO 14W 840 T8	14 W
64689900	MASTER LEDtube VLE 1200mm HO 14W 865 T8	14 W
35074800	MASTER LEDtube VLE 1200mm HO 14W830 T8	14 W
35076200	MASTER LEDtube VLE 1200mm HO 14W840 T8	14 W
35078600	MASTER LEDtube VLE 1200mm HO 14W865 T8	14 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
64679000	MASTER LEDtube VLE 600mm HO 8W 830 T8	55 °C
64681300	MASTER LEDtube VLE 600mm HO 8W 840 T8	55 °C
64683700	MASTER LEDtube VLE 600mm HO 8W 865 T8	55 °C
35068700	MASTER LEDtube VLE 600mm HO 8W 830 T8	55 °C
35070000	MASTER LEDtube VLE 600mm HO 8W 840 T8	55 °C
35072400	MASTER LEDtube VLE 600mm HO 8W 865 T8	55 °C
64691200	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	65 °C
64693600	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	65 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
64695000	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	65 °C
64685100	MASTER LEDtube VLE 1200mm HO 14W 830 T8	60 °C
64687500	MASTER LEDtube VLE 1200mm HO 14W 840 T8	60 °C
64689900	MASTER LEDtube VLE 1200mm HO 14W 865 T8	60 °C
35074800	MASTER LEDtube VLE 1200mm HO 14W830 T8	55 °C
35076200	MASTER LEDtube VLE 1200mm HO 14W840 T8	55 °C
35078600	MASTER LEDtube VLE 1200mm HO 14W865 T8	55 °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
35068700	MASTER LEDtube VLE 600mm HO 8W 830 T8	-
35070000	MASTER LEDtube VLE 600mm HO 8W 840 T8	-
35072400	MASTER LEDtube VLE 600mm HO 8W 865 T8	-
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
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

Order Code	Full Product Name	Energy Consumption kWh/1000 h
35074800	MASTER LEDtube VLE 1200mm HO 14W830 T8	-
35076200	MASTER LEDtube VLE 1200mm HO 14W840 T8	-
35078600	MASTER LEDtube VLE 1200mm HO 14W865 T8	-

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