



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

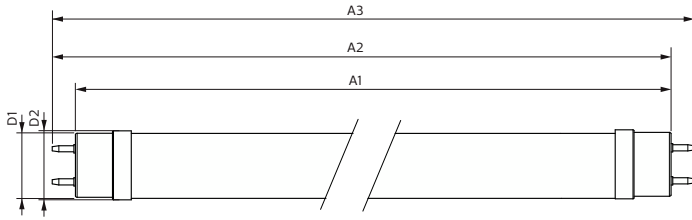
- Retrofit for existing T8 lamps on EM ballast or mains
- > 50% energy savings compared to fluorescent tubes with up to 160lm/W
- Extra-long lifetime up to 60,000 hours
- Enable implementation of HACCP, supported by product level NSF certificate
- No mercury

Application

- Office
- Retail
- Industrial Buildings & Warehouses
- Parking

MASTER Value LED tube EM/Mains T8

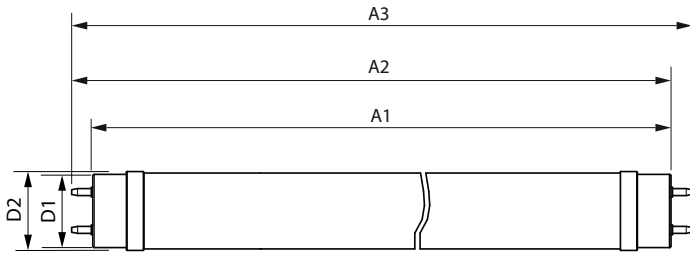
Dimensional drawing



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 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	588.5 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 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 LED tube EM/Mains T8

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1200mm 13.1W/15.5W 830T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm
MAS LEDtube VLE 1200mm 13.1W/15.5W 840T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm
MAS LEDtube VLE 1200mm 13.1W/15.5W 865T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm
MAS LEDtube VLE 1500mm 19.3W/23W 830 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
MAS LEDtube VLE 1500mm 19.3W/23W 840 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
MAS LEDtube VLE 1500mm 19.3W/23W 865 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm

Product details



MAS LEDtube VLE 1200mm
1500mm T8 side



MAS LEDtube VLE 1200mm
1500mm T8



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
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T8

General Information

Order Code	Full Product Name	Nominal lifetime
13907800	MASTER LEDtube VLE 1200mm 13.1W/15.5W 830T8	75,000 hour(s)
13913900	MASTER LEDtube VLE 1200mm 13.1W/15.5W 840T8	75,000 hour(s)
13915300	MASTER LEDtube VLE 1200mm 13.1W/15.5W 865T8	75,000 hour(s)
13917700	MASTER LEDtube VLE 1500mm 19.3W/23W 830 T8	75,000 hour(s)
13919100	MASTER LEDtube VLE 1500mm 19.3W/23W 840 T8	75,000 hour(s)
13921400	MASTER LEDtube VLE 1500mm 19.3W/23W 865 T8	75,000 hour(s)
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	60,000 hour(s)
35070000	MASTER LEDtube VLE 600mm HO 8W 840 T8	60,000 hour(s)
35072400	MASTER LEDtube VLE 600mm HO 8W 865 T8	60,000 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)
31680500	MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	60,000 hour(s)

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Order Code	Full Product Name	Nominal lifetime
31682900	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	60,000 hour(s)
31684300	MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	60,000 hour(s)
31686700	MASTER LEDtube VLE 1500mm UO 23W 830 T8	60,000 hour(s)
31690400	MASTER LEDtube VLE 1500mm UO 23W 865 T8	60,000 hour(s)
35074800	MASTER LEDtube VLE 1200mm HO 14W830 T8	60,000 hour(s)
35076200	MASTER LEDtube VLE 1200mm HO 14W840 T8	60,000 hour(s)
35078600	MASTER LEDtube VLE 1200mm HO 14W865 T8	60,000 hour(s)

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Correlated			Order Code	Full Product Name	Beam Angle (Nom)	Correlated		
			Temperature (Nom)	Color rendering index (CRI)	Color Code				Temperature (Nom)	Color rendering index (CRI)	Color Code
13907800	MASTER LEDtube VLE 1200mm 13.1W/ 15.5W 830T8	190 degree(s)	3000 K	80	830	64693600	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	190 degree(s)	4000 K	80	840
13913900	MASTER LEDtube VLE 1200mm 13.1W/ 15.5W 840T8	190 degree(s)	4000 K	80	840	64695000	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	190 degree(s)	6500 K	80	865
13915300	MASTER LEDtube VLE 1200mm 13.1W/ 15.5W 865T8	190 degree(s)	6500 K	80	865	64685100	MASTER LEDtube VLE 1200mm HO 14W 830 T8	190 degree(s)	3000 K	80	830
13917700	MASTER LEDtube VLE 1500mm 19.3W/23W 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
13919100	MASTER LEDtube VLE 1500mm 19.3W/23W 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
13921400	MASTER LEDtube VLE 1500mm 19.3W/23W 865 T8	190 degree(s)	6500 K	80	865	31680500	MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	190 degree(s)	3000 K	80	830
64679000	MASTER LEDtube VLE 600mm HO 8W 830 T8	190 degree(s)	3000 K	80	830	31682900	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	190 degree(s)	4000 K	80	840
64681300	MASTER LEDtube VLE 600mm HO 8W 840 T8	190 degree(s)	4000 K	80	840	31684300	MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	190 degree(s)	6500 K	80	865
64683700	MASTER LEDtube VLE 600mm HO 8W 865 T8	190 degree(s)	6500 K	80	865	31686700	MASTER LEDtube VLE 1500mm UO 23W 830 T8	190 degree(s)	3000 K	80	830
35068700	MASTER LEDtube VLE 600mm HO 8W 830 T8	240 degree(s)	3000 K	83	830	31690400	MASTER LEDtube VLE 1500mm UO 23W 865 T8	190 degree(s)	6500 K	80	865
35070000	MASTER LEDtube VLE 600mm HO 8W 840 T8	240 degree(s)	4000 K	83	840	35074800	MASTER LEDtube VLE 1200mm HO 14W830 T8	240 degree(s)	3000 K	83	830
35072400	MASTER LEDtube VLE 600mm HO 8W 865 T8	240 degree(s)	6500 K	83	865	35076200	MASTER LEDtube VLE 1200mm HO 14W840 T8	240 degree(s)	4000 K	83	840
64691200	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	190 degree(s)	3000 K	80	830						

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
35078600	MASTER LEDtube VLE 1200mm HO 14W865 T8	240 degree(s)	6500 K	83	865

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux
13907800	MASTER LEDtube VLE 1200mm 13.1W/15.5W 830T8	2,000 lm
13913900	MASTER LEDtube VLE 1200mm 13.1W/15.5W 840T8	2,100 lm
13915300	MASTER LEDtube VLE 1200mm 13.1W/15.5W 865T8	2,100 lm
13917700	MASTER LEDtube VLE 1500mm 19.3W/23W 830 T8	2,900 lm
13919100	MASTER LEDtube VLE 1500mm 19.3W/23W 840 T8	3,100 lm
13921400	MASTER LEDtube VLE 1500mm 19.3W/23W 865 T8	3,100 lm
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

Order Code	Full Product Name	Luminous Flux
64693600	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	3,100 lm
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
31680500	MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	2,300 lm
31682900	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	2,500 lm
31684300	MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	2,500 lm
31686700	MASTER LEDtube VLE 1500mm UO 23W 830 T8	3,400 lm
31690400	MASTER LEDtube VLE 1500mm UO 23W 865 T8	3,700 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	Line Frequency	Power Consumption
13907800	MASTER LEDtube VLE 1200mm 13.1W/15.5W 830T8	-	13.1 W
13913900	MASTER LEDtube VLE 1200mm 13.1W/15.5W 840T8	-	13.1 W
13915300	MASTER LEDtube VLE 1200mm 13.1W/15.5W 865T8	-	13.1 W
13917700	MASTER LEDtube VLE 1500mm 19.3W/23W 830 T8	-	19.3 W
13919100	MASTER LEDtube VLE 1500mm 19.3W/23W 840 T8	-	19.3 W
13921400	MASTER LEDtube VLE 1500mm 19.3W/23W 865 T8	-	19.3 W
64679000	MASTER LEDtube VLE 600mm HO 8W 830 T8	50 to 60 Hz	8 W
64681300	MASTER LEDtube VLE 600mm HO 8W 840 T8	50 to 60 Hz	8 W
64683700	MASTER LEDtube VLE 600mm HO 8W 865 T8	50 to 60 Hz	8 W
35068700	MASTER LEDtube VLE 600mm HO 8W 830 T8	50 to 60 Hz	8 W
35070000	MASTER LEDtube VLE 600mm HO 8W 840 T8	50 to 60 Hz	8 W
35072400	MASTER LEDtube VLE 600mm HO 8W 865 T8	50 to 60 Hz	8 W

Order Code	Full Product Name	Line Frequency	Power Consumption
64691200	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	50 to 60 Hz	20.5 W
64693600	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	50 to 60 Hz	20.5 W
64695000	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	50 to 60 Hz	20.5 W
64685100	MASTER LEDtube VLE 1200mm HO 14W 830 T8	50 to 60 Hz	14 W
64687500	MASTER LEDtube VLE 1200mm HO 14W 840 T8	50 to 60 Hz	14 W
64689900	MASTER LEDtube VLE 1200mm HO 14W 865 T8	50 to 60 Hz	14 W
31680500	MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	50 to 60 Hz	15.5 W
31682900	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	50 to 60 Hz	15.5 W
31684300	MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	50 to 60 Hz	15.5 W
31686700	MASTER LEDtube VLE 1500mm UO 23W 830 T8	50 to 60 Hz	23 W
31690400	MASTER LEDtube VLE 1500mm UO 23W 865 T8	50 to 60 Hz	23 W
35074800	MASTER LEDtube VLE 1200mm HO 14W830 T8	50 to 60 Hz	14 W

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Order Code	Full Product Name	Line Frequency	Power Consumption
35076200	MASTER LEDtube VLE 1200mm HO 14W840 T8	50 to 60 Hz	14 W

Order Code	Full Product Name	Line Frequency	Power Consumption
35078600	MASTER LEDtube VLE 1200mm HO 14W865 T8	50 to 60 Hz	14 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
13907800	MASTER LEDtube VLE 1200mm 13.1W/15.5W 830T8	55 °C
13913900	MASTER LEDtube VLE 1200mm 13.1W/15.5W 840T8	55 °C
13915300	MASTER LEDtube VLE 1200mm 13.1W/15.5W 865T8	55 °C
13917700	MASTER LEDtube VLE 1500mm 19.3W/23W 830 T8	55 °C
13919100	MASTER LEDtube VLE 1500mm 19.3W/23W 840 T8	55 °C
13921400	MASTER LEDtube VLE 1500mm 19.3W/23W 865 T8	55 °C
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

Order Code	Full Product Name	T-Case Maximum (Nom)
64693600	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	65 °C
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
31680500	MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	60 °C
31682900	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	60 °C
31684300	MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	60 °C
31686700	MASTER LEDtube VLE 1500mm UO 23W 830 T8	65 °C
31690400	MASTER LEDtube VLE 1500mm UO 23W 865 T8	65 °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

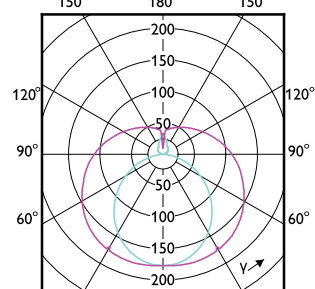
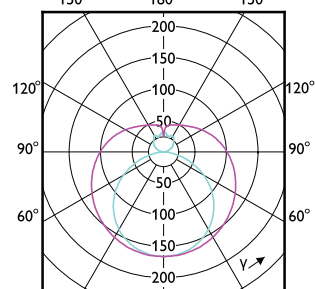
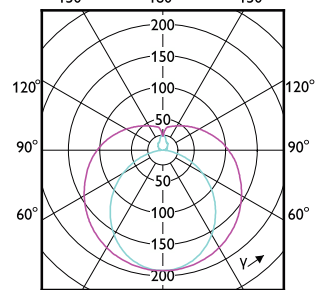
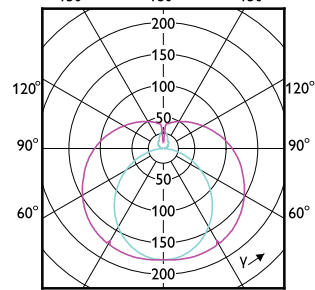
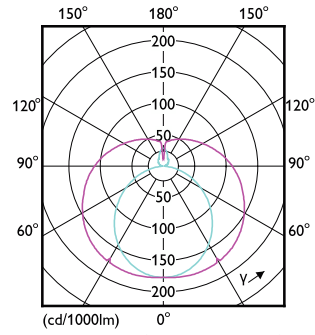
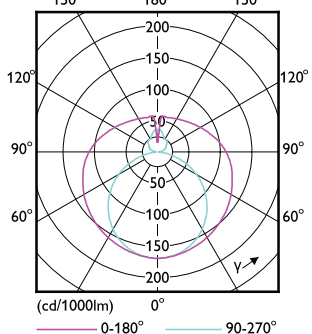
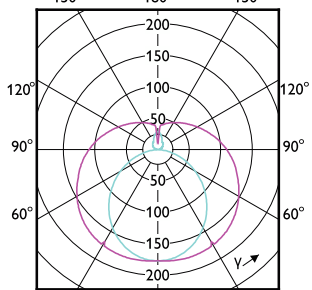
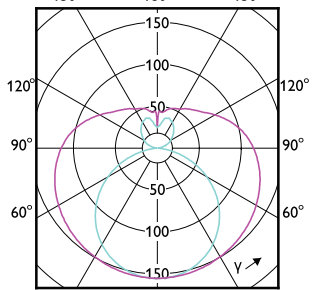
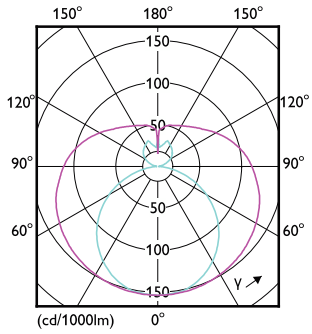
Approval and Application

Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
13907800	MASTER LEDtube VLE 1200mm 13.1W/15.5W 830T8	-20 to +45 °C	16 kWh
13913900	MASTER LEDtube VLE 1200mm 13.1W/15.5W 840T8	-20 to +45 °C	16 kWh
13915300	MASTER LEDtube VLE 1200mm 13.1W/15.5W 865T8	-20 to +45 °C	16 kWh
13917700	MASTER LEDtube VLE 1500mm 19.3W/23W 830 T8	-20 to +45 °C	23 kWh
13919100	MASTER LEDtube VLE 1500mm 19.3W/23W 840 T8	-20 to +45 °C	23 kWh
13921400	MASTER LEDtube VLE 1500mm 19.3W/23W 865 T8	-20 to +45 °C	23 kWh
64679000	MASTER LEDtube VLE 600mm HO 8W 830 T8	-20 to +45 °C	8 kWh
64681300	MASTER LEDtube VLE 600mm HO 8W 840 T8	-20 to +45 °C	8 kWh
64683700	MASTER LEDtube VLE 600mm HO 8W 865 T8	-20 to +45 °C	8 kWh
35068700	MASTER LEDtube VLE 600mm HO 8W 830 T8	-20 °C to 45 °C	-
35070000	MASTER LEDtube VLE 600mm HO 8W 840 T8	-20 °C to 45 °C	-
35072400	MASTER LEDtube VLE 600mm HO 8W 865 T8	-20 °C to 45 °C	-

Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
64691200	MASTER LEDtube VLE 1500mm HO 20.5W 830 T8	-20 °C to 45 °C	21 kWh
64693600	MASTER LEDtube VLE 1500mm HO 20.5W 840 T8	-20 °C to 45 °C	21 kWh
64695000	MASTER LEDtube VLE 1500mm HO 20.5W 865 T8	-20 °C to 45 °C	21 kWh
64685100	MASTER LEDtube VLE 1200mm HO 14W 830 T8	-20 °C to 45 °C	14 kWh
64687500	MASTER LEDtube VLE 1200mm HO 14W 840 T8	-20 °C to 45 °C	14 kWh
64689900	MASTER LEDtube VLE 1200mm HO 14W 865 T8	-20 °C to 45 °C	14 kWh
31680500	MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	-20 °C to 45 °C	16 kWh
31682900	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	-20 °C to 45 °C	16 kWh
31684300	MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	-20 °C to 45 °C	16 kWh
31686700	MASTER LEDtube VLE 1500mm UO 23W 830 T8	-20 °C to 45 °C	23 kWh
31690400	MASTER LEDtube VLE 1500mm UO 23W 865 T8	-20 °C to 45 °C	23 kWh
35074800	MASTER LEDtube VLE 1200mm HO 14W830 T8	-20 °C to 45 °C	-

MASTER Value LED tube EM/Mains T8

Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
35076200	MASTER LEDtube VLE 1200mm HO 14W840 T8	-20 °C to 45 °C	-
35078600	MASTER LEDtube VLE 1200mm HO 14W865 T8	-20 °C to 45 °C	-



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