



High-performance professional LED tube T8 solution

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 a uniform lighting effect for use in all general lighting, as well as instant energy-efficiency, making for an environmentally friendly solution.

Benefits

- Low energy consumption
- Lower maintenance – longer lifetime than conventional lamps
- A fast and easy way to upgrade existing luminaires to LED technology, in a simple plug-and-play retrofit solution

Features

- Uniform light effect
- Robust construction
- Fits in well with conventional technology
- Easy installation
- High-level energy-efficiency

Application

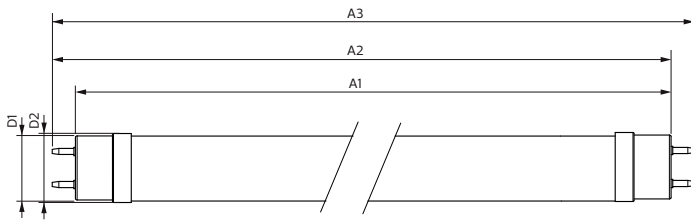
- Office
- Retail
- Industrial Buildings & Warehouses
- Parking

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Versions



Dimensional drawing



| Product | D1 | D2 | A1 | A2 | A3 |
|---|---------|-------|-----------|-----------|-----------|
| MASTER LEDtube VLE 1200mm HO 14W 865 T8 | 25.8 mm | 28 mm | 1198.2 mm | 1205.3 mm | 1212.4 mm |
| MASTER LEDtube VLE 1200mm HO 14W 830 T8 | 25.8 mm | 28 mm | 1198.2 mm | 1205.3 mm | 1212.4 mm |
| MASTER LEDtube VLE 600mm HO 8W 865 T8 | 25.8 mm | 28 mm | 588.5 mm | 595.5 mm | 602.5 mm |
| MASTER LEDtube VLE 600mm HO 8W 840 T8 | 25.8 mm | 28 mm | 588.5 mm | 595.5 mm | 602.5 mm |
| MASTER LEDtube VLE 1500mm HO 20.5W 865 T8 | 25.8 mm | 28 mm | 1498.7 mm | 1505.8 mm | 1512.9 mm |
| MASTER LEDtube VLE 1500mm HO 20.5W 830 T8 | 25.8 mm | 28 mm | 1498.7 mm | 1505.8 mm | 1512.9 mm |
| MASTER LEDtube VLE 600mm HO 8W 830 T8 | 25.8 mm | 28 mm | 588.5 mm | 595.5 mm | 602.5 mm |
| MASTER LEDtube VLE 1500mm HO 20.5W 840 T8 | 25.8 mm | 28 mm | 1498.7 mm | 1505.8 mm | 1512.9 mm |
| MASTER LEDtube VLE 1200mm HO 14W 840 T8 | 25.8 mm | 28 mm | 1198.2 mm | 1205.3 mm | 1212.4 mm |
| MASTER LEDtube VLE 1200mm UO 15.5W 830 T8 | 25.8 mm | 28 mm | 1198.2 mm | 1205.3 mm | 1212.4 mm |
| MASTER LEDtube VLE 1200mm UO 15.5W 840 T8 | 25.8 mm | 28 mm | 1198.2 mm | 1205.3 mm | 1212.4 mm |
| MASTER LEDtube VLE 1200mm UO 15.5W 865 T8 | 25.8 mm | 28 mm | 1198.2 mm | 1205.3 mm | 1212.4 mm |
| MASTER LEDtube VLE 1500mm UO 23W 830 T8 | 25.8 mm | 28 mm | 1498.8 mm | 1505.9 mm | 1513 mm |
| MASTER LEDtube VLE 1500mm UO 23W 840 T8 | 25.8 mm | 28 mm | 1498.8 mm | 1505.9 mm | 1513 mm |
| MASTER LEDtube VLE 1500mm UO 23W 865 T8 | 25.8 mm | 28 mm | 1498.8 mm | 1505.9 mm | 1513 mm |

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Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Operating and Electrical

| | |
|---------------------|-------------|
| Input Frequency | 50 to 60 Hz |
| Voltage (Nom) | 220-240 V |
| Starting Time (Nom) | 0.5 s |

General Information

| | |
|------------------------|----------|
| Cap-Base | G13 |
| Nominal Lifetime (Nom) | 60000 h |
| Switching Cycle | 200,000X |

Light Technical

| | |
|---------------------------------------|-------|
| Beam Angle (Nom) | 190 ° |
| Colour Rendering Index (Nom) | 80 |
| Llmf At End Of Nominal Lifetime (Nom) | 70 % |

Mechanical and Housing

| | |
|-------------|--------------------|
| Bulb Finish | Frosted |
| Bulb Shape | Tube, double-ended |

Temperature

| | |
|-----------------|--------|
| T-Ambient (Max) | 45 °C |
| T-Ambient (Min) | -20 °C |
| T-Storage (Max) | 65 °C |
| T-Storage (Min) | -40 °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 |
| 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 |
| 31680500 | MASTER LEDtube VLE 1200mm UO 15.5W 830 T8 | 16 kWh |
| 31682900 | MASTER LEDtube VLE 1200mm UO 15.5W 840 T8 | 16 kWh |
| 31684300 | MASTER LEDtube VLE 1200mm UO 15.5W 865 T8 | 16 kWh |
| 31686700 | MASTER LEDtube VLE 1500mm UO 23W 830 T8 | 23 kWh |
| 31688100 | MASTER LEDtube VLE 1500mm UO 23W 840 T8 | 23 kWh |
| 31690400 | MASTER LEDtube VLE 1500mm UO 23W 865 T8 | 23 kWh |
| 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 |

Operating and Electrical

| Order Code | Full Product Name | Power (Rated) (Nom) |
|------------|---|---------------------|
| 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 |
| 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 |
| 31680500 | MASTER LEDtube VLE 1200mm UO 15.5W 830 T8 | 15.5 W |
| 31682900 | MASTER LEDtube VLE 1200mm UO 15.5W 840 T8 | 15.5 W |

| Order Code | Full Product Name | Power (Rated) (Nom) |
|------------|---|---------------------|
| 31684300 | MASTER LEDtube VLE 1200mm UO 15.5W 865 T8 | 15.5 W |
| 31686700 | MASTER LEDtube VLE 1500mm UO 23W 830 T8 | 23 W |
| 31688100 | MASTER LEDtube VLE 1500mm UO 23W 840 T8 | 23 W |
| 31690400 | MASTER LEDtube VLE 1500mm UO 23W 865 T8 | 23 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 |
| 64695000 | MASTER LEDtube VLE 1500mm HO 20.5W 865 T8 | 20.5 W |

Light Technical

| Order Code | Full Product Name | Correlated Colour | | |
|------------|---------------------------------------|-------------------|-------------------|---------------------|
| | | Colour Code | Temperature (Nom) | Luminous Flux (Nom) |
| 64679000 | MASTER LEDtube VLE 600mm HO 8W 830 T8 | 830 | 3000 K | 1000 lm |
| 64681300 | MASTER LEDtube VLE 600mm HO 8W 840 T8 | 840 | 4000 K | 1050 lm |

| Order Code | Full Product Name | Correlated Colour | | |
|------------|---|-------------------|-------------------|---------------------|
| | | Colour Code | Temperature (Nom) | Luminous Flux (Nom) |
| 64683700 | MASTER LEDtube VLE 600mm HO 8W 865 T8 | 865 | 6500 K | 1050 lm |
| 64685100 | MASTER LEDtube VLE 1200mm HO 14W 830 T8 | 830 | 3000 K | 2000 lm |

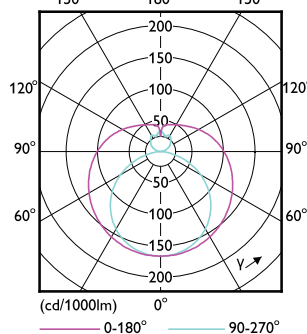
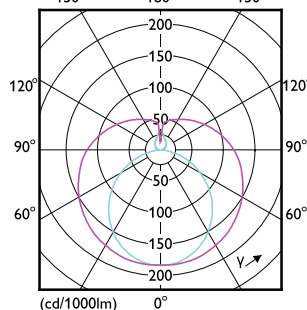
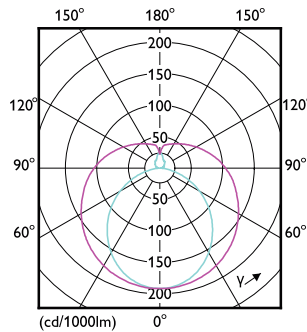
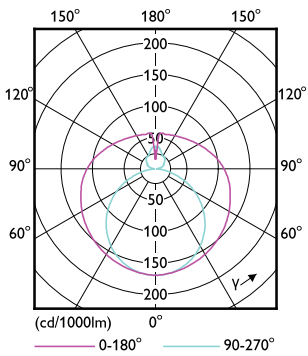
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| Order Code | Full Product Name | Colour Code | Correlated Colour | |
|------------|--|-------------|-------------------|---------------------|
| | | | Temperature (Nom) | Luminous Flux (Nom) |
| 64687500 | MASTER LEDtube VLE 1200mm HO 14W 840 T8 | 840 | 4000 K | 2100 lm |
| 64689900 | MASTER LEDtube VLE 1200mm HO 14W 865 T8 | 865 | 6500 K | 2100 lm |
| 31680500 | MASTER LEDtube VLE 1200mm UO 15.5W 830 T8 | 830 | 3000 K | 2300 lm |
| 31682900 | MASTER LEDtube VLE 1200mm UO 15.5W 840 T8 | 840 | 4000 K | 2500 lm |
| 31684300 | MASTER LEDtube VLE 1200mm UO 15.5W 865 T8 | 865 | 6500 K | 2500 lm |
| 31686700 | MASTER LEDtube VLE 1500mm UO 23W 830 T8 | 830 | 3000 K | 3400 lm |

| Order Code | Full Product Name | Colour Code | Correlated Colour | |
|------------|--|-------------|-------------------|---------------------|
| | | | Temperature (Nom) | Luminous Flux (Nom) |
| 31688100 | MASTER LEDtube VLE 1500mm UO 23W 840 T8 | 840 | 4000 K | 3700 lm |
| 31690400 | MASTER LEDtube VLE 1500mm UO 23W 865 T8 | 865 | 6500 K | 3700 lm |
| 64691200 | MASTER LEDtube VLE 1500mm HO 20.5W 830 T8 | 830 | 3000 K | 2900 lm |
| 64693600 | MASTER LEDtube VLE 1500mm HO 20.5W 840 T8 | 840 | 4000 K | 3100 lm |
| 64695000 | MASTER LEDtube VLE 1500mm HO 20.5W 865 T8 | 865 | 6500 K | 3100 lm |

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 |
| 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 |
| 31688100 | MASTER LEDtube VLE 1500mm UO 23W 840 T8 | 65 °C |
| 31690400 | MASTER LEDtube VLE 1500mm UO 23W 865 T8 | 65 °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 |
| 64695000 | MASTER LEDtube VLE 1500mm HO 20.5W 865 T8 | 65 °C |



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