



For an optimum combination of value and performance

MASTER Value T8 UltraEfficient

Welcome the new Philips MASTER Value LEDtube UltraEfficient - your solution for upgrading more price-sensitive customers to ultra-efficient LED. Thanks to the cost-effective design, high energy efficiency and long service life, the new LED tube can convince with a payback time of less than 2 months, when upgrading from fluorescent tubes.

Benefits

- Instant energy saving compared with either fluorescent or standard LED tube
- Reliable performance that lasts up to 75,000 hours
- Energy cost and CO2 savings from the start

Features

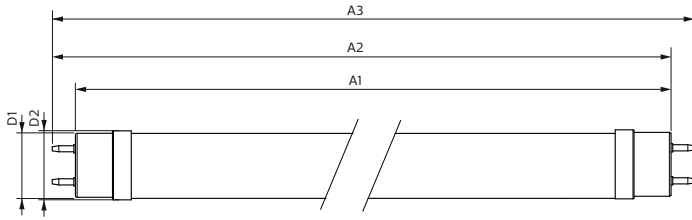
- Ultra efficiency achieve an incredible class B energy efficiency rating
- Up to 75,000 hours lifetime
- Glass platform with 190D beam angle to ensure light uniformity
- Enable implementation of HACCP, supported by product level NSF certificate
- No mercury

Application

- Industry & warehouse
- Office, education & retail

MASTER Value T8 UltraEfficient

Dimensional drawing



| Product | D1 | D2 | A1 | A2 | A3 |
|----------------------------------------|---------|-------|------------|------------|------------|
| MAS LEDtube VLE 1200mm UE 14W 840 T8 | 25.7 mm | 28 mm | 1,199.4 mm | 1,206.5 mm | 1,213.6 mm |
| MAS LEDtube VLE 1500mm UE 22.1W 840 T8 | 25.7 mm | 28 mm | 1,500 mm | 1,507.1 mm | 1,514.2 mm |

General Information

| | |
|------------------|----------------|
| Cap-Base | G13 |
| Switching Cycle | 200,000 |
| Nominal lifetime | 75,000 hour(s) |

Light Technical

| | |
|---------------------------------------|---------------|
| Beam Angle (Nom) | 190 degree(s) |
| Correlated Color Temperature (Nom) | 4000 K |
| Color rendering index (CRI) | 80 |
| Color Code | 840 |
| 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 |

Approval and Application

| | |
|---------------------------|---------------|
| Ambient temperature range | -20 to +45 °C |
|---------------------------|---------------|

Light Technical

| Order Code | Full Product Name | Luminous Flux |
|--------------|----------------------------------------|---------------|
| 929003807402 | MAS LEDtube VLE 1200mm UE 14W 840 T8 | 2,600 lm |
| 929003807602 | MAS LEDtube VLE 1500mm UE 22.1W 840 T8 | 4,100 lm |

Operating and Electrical

| Order Code | Full Product Name | Power Consumption |
|--------------|--------------------------------------|-------------------|
| 929003807402 | MAS LEDtube VLE 1200mm UE 14W 840 T8 | 14 W |

| Order Code | Full Product Name | Power Consumption |
|--------------|----------------------------------------|-------------------|
| 929003807602 | MAS LEDtube VLE 1500mm UE 22.1W 840 T8 | 22.1 W |

Temperature

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|--------------|----------------------------------------|----------------------|
| 929003807402 | MAS LEDtube VLE 1200mm UE 14W 840 T8 | 50 °C |
| 929003807602 | MAS LEDtube VLE 1500mm UE 22.1W 840 T8 | 55 °C |

T8

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Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/ 1000 h |
|--------------|----------------------------------------|-----------------------------------|
| 929003807402 | MAS LEDtube VLE 1200mm UE 14W 840 T8 | 14 kWh |
| 929003807602 | MAS LEDtube VLE 1500mm UE 22.1W 840 T8 | 23 kWh |

