



# 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

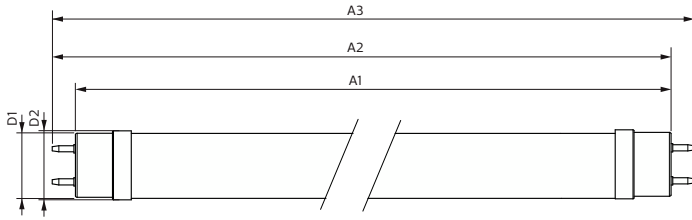
- Ultra efficiency achieve an incredible class B energy efficiency rating
- Up to 75,000 hours lifetime
- Glass platform with 190D beam angle to ensure light uniformity

### 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/<br>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                            |

