



# Master Value LEDtube T8

## MASTER LEDtube VLE 1500mm HO 20.5W 840 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.

### Product data

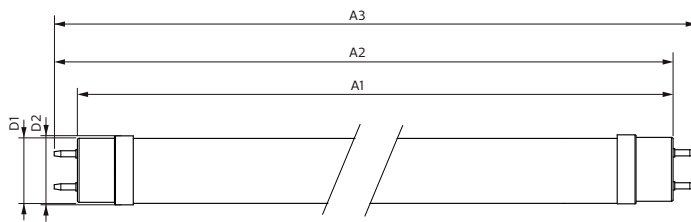
| General Information                    |                                  | Lamp current (max.)              |           |
|--|----------------------------------|----------------------------------|-----------|
| Cap base                               | G13 [ Medium Bi-Pin Fluorescent] | Lamp current (min.)              | 97 mA     |
| EU RoHS compliant                      | Yes                              | Starting time (nom.)             | 89 mA     |
| Nominal lifetime (nom.)                | 50000 h                          | Warm-up time to 60% light (nom.) | 0.5 s     |
| Switching cycle                        | 200,000X                         | Power factor (nom.)              | 0.9       |
|  |                                  | Voltage (Nom)                    | 220-240 V |
| Light Technical                        |                                  | Temperature                      |           |
| Colour Code                            | 841 [ CCT of 4100K (841)]        | T-ambient (max.)                 | 45 °C     |
| Beam Angle (Nom)                       | 240 °                            | T-ambient (min.)                 | -20 °C    |
| Luminous flux (nom.)                   | 3100 lm                          | T storage (max.)                 | 65 °C     |
| Colour designation                     | Cool White (CW)                  | T storage (min.)                 | -40 °C    |
| Correlated Colour Temperature (Nom)    | 4000 K                           | T-Case maximum (nom.)            | 60 °C     |
| Luminous efficacy (rated) (nom.)       | 151.00 lm/W                      |                                  |           |
| Colour consistency                     | <6                               | Controls and Dimming             |           |
| Colour rendering index (nom.)          | 83                               | Dimmable                         | No        |
| LLMF at end of nominal lifetime (nom.) | 70 %                             |                                  |           |
| Operating and Electrical               |                                  | Mechanical and Housing           |           |
| Input frequency                        | 50 to 60 Hz                      | Bulb material                    | Glass     |
| Power (Rated) (Nom)                    | 20.5 W                           |                                  |           |

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|                                    |  |
|------------------------------------|--|
| Product length                     | 1500 mm  |
| <b>Approval and Application</b>    |  |
| Energy efficiency label (EEL)      | A++  |
| Energy-saving product              | Yes  |
| Approval marks                     | RoHS compliance CE marking KEMA Keur certificate |
| Energy consumption kWh/1,000 hours | 21 kWh   |
| <b>Product Data</b>                |  |
| Full product code                  | 871869964693600                                  |

|                                   |   |
|-----------------------------------|---|
| Order product name                | MASTER LEDtube VLE 1500mm HO 20.5W 840 T8 |
| EAN/UPC – product                 | 8718699646936                             |
| Order code                        | 64693600                                  |
| SAP numerator – quantity per pack | 1   |
| Numerator – packs per outer box   | 10  |
| SAP material                      | 929002021802                              |
| SAP net weight (piece)            | 0.270 kg                                  |

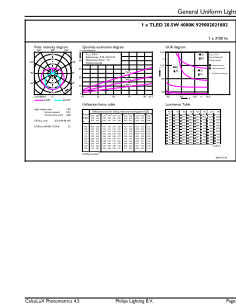
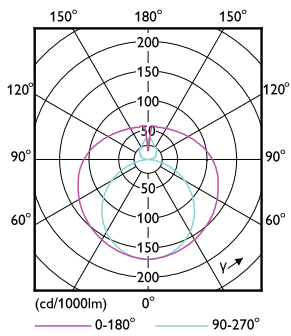
## Dimensional drawing



| Product                                   | D1      | D2    | A1        | A2        | A3        |
|---|---------|-------|-----------|-----------|-----------|
| MASTER LEDtube VLE 1500mm HO 20.5W 840 T8 | 25.8 mm | 28 mm | 1498.7 mm | 1505.8 mm | 1512.9 mm |

## TLED 5ft 220-240V20.5-58W3100lm4000K G13

## Photometric data

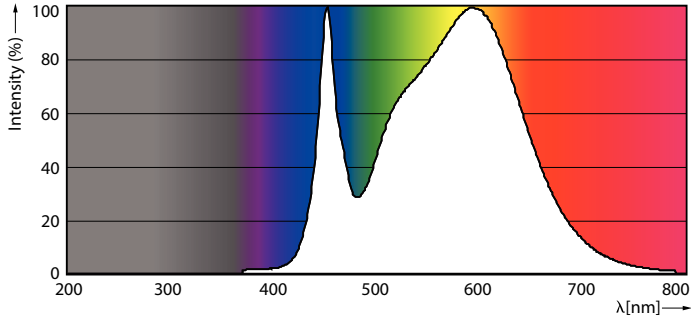


## LEDtube 220-240V G13

## LEDtube 220-240V G13 5ft 3100lm 4000k

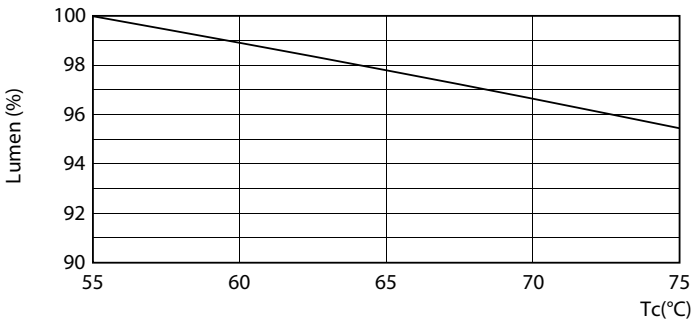
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## Photometric data

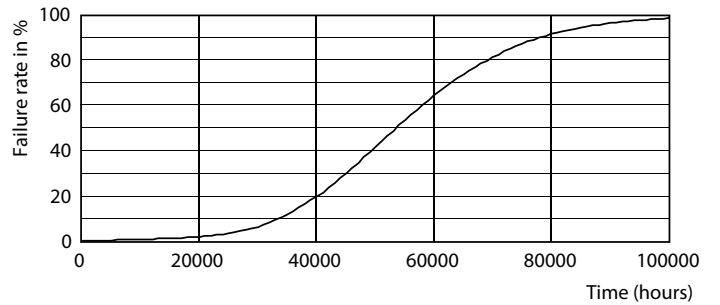


LEDtube 220-240V G13 4000k

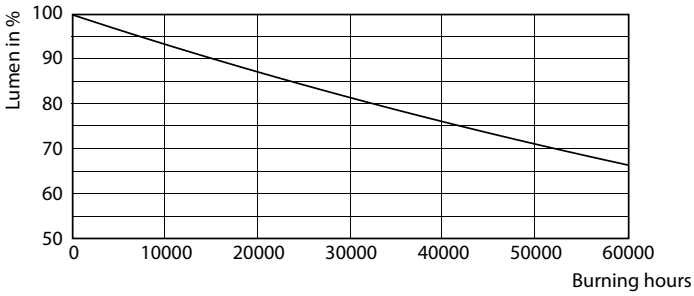
## Lifetime



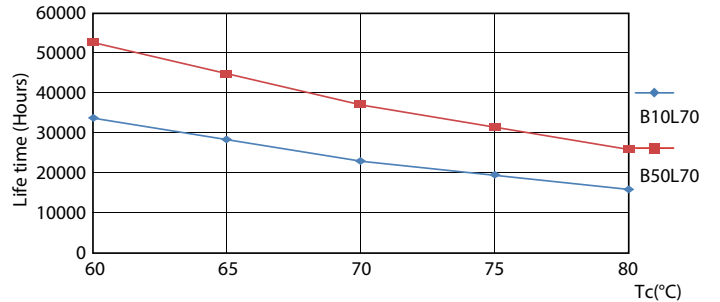
LEDtube 220-240V G13 LumenVsTc



LEDtube 220-240V G13



LEDtube 220-240V G13



LEDtube 220-240V G13 LifetimeVsTc

# Master Value LEDtube T8

## Lifetime



LEDtube 220-240V G13 FailureRate

