PHILIPS

Lighting



# CorePro LEDtube EM/ Mains

## CorePro LEDtube 1500mm 20W 840

The CorePro LEDtube is an affordable LED solution suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

### Product data

| General Information | |
|---|---|
| **Cap base** | G13 [ Medium Bi-Pin Fluorescent] |
| **EU RoHS compliant** | Yes |
| **Nominal lifetime (nom.)** | 30000 h |
| **Switching cycle** | 200000X |

| Light Technical | |
|---|---|
| **Colour code** | 840 [ CCT of 4,000 K] |
| **Luminous flux (nom.)** | 2200 lm |
| **Correlated Colour Temperature (Nom)** | 4000 K |
| **Colour consistency** | <6 |
| **Color rendering index (nom.)** | 80 |
| **LLMF at end of nominal lifetime (nom.)** | 70 % |

| Operating and Electrical | |
|---|---|
| **Input frequency** | 50 to 60 Hz |
| **Power (Rated) (Nom)** | 20 W |
| **Starting time (nom.)** | 0.5 s |
| **Warm-up time to 60% light (nom.)** | 0.5 s |
| **Power factor (nom.)** | 0.9 |
| **Voltage (Nom)** | 220-240 V |

| Temperature | |
|---|---|
| **T ambient (max.)** | 45 °C |
| **T ambient (min.)** | -20 °C |
| **T storage (max.)** | 65 °C |
| **T storage (min.)** | -40 °C |
| **T-Case maximum (nom.)** | 45 °C |

| Controls and Dimming | |
|---|---|
| **Dimmable** | No |

| Mechanical and Housing | |
|---|---|
| **Bulb material** | Glass |
| **Product length** | 1500 mm |

| Approval and Application | |
|---|---|
| **Energy efficiency label (EEL)** | A+ |
| **Energy-saving product** | Yes |
| **Approval marks** | CE marking RoHS compliance KEMA Keur certificate |

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| | |
|---|---|
| **Energy Consumption kWh/1000 h** | 20 kWh |

| | |
|---|---|
| **Numerator – quantity per pack** | 1 |
| **Numerator – packs per outer box** | 10 |
| **Material no. (12NC)** | 929001337902 |
| **Net weight (piece)** | 0.270 kg |

## Product Data

| | |
|---|---|
| **Full product code** | 871869671091300 |
| **Order product name** | CorePro LEDtube 1500mm 20W 840 |
| **EAN/UPC – product** | 8718696710913 |
| **Order code** | 71091300 |

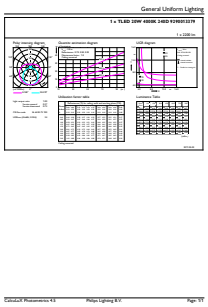
## Dimensional drawing

A3

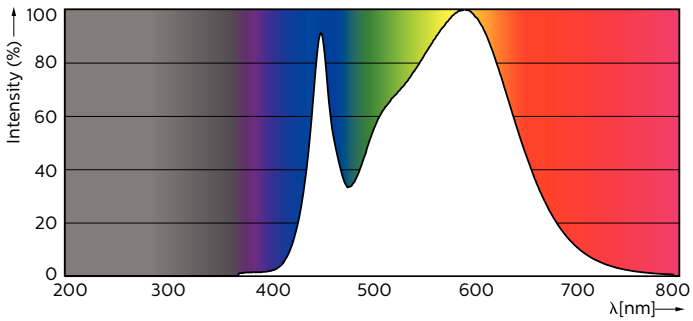
| Product | D1 | D2 | A1 | A2 | A3 |
|---|---|---|---|---|---|
| CorePro LEDtube 1500mm 20W 840 | 25.7 mm | 28 mm | 1500 mm | 1507.1 mm | 1514.2 mm |

**TLED 5ft 220-240V 20-57W 2200lm 4000K**

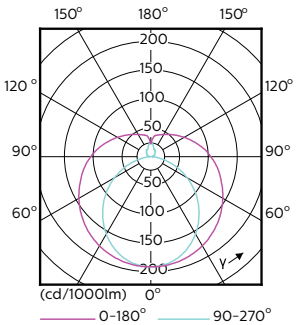
## Photometric data



**LEDtube 1500mm 20W G13 840 2200lm**



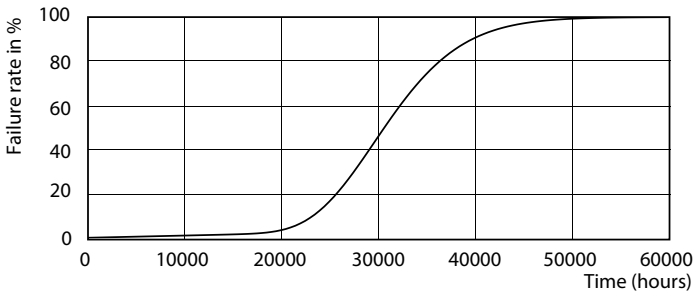

**LEDtube 1500mm 20W G13 840 2200lm**

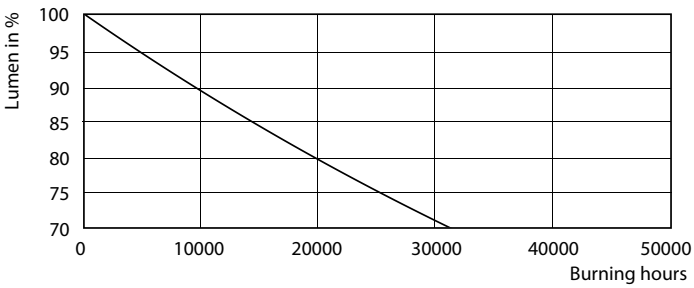



**LEDtube 1500mm 20W G13 840 2200lm**

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## Lifetime




**LEDtube 1500mm 20W G13 840 2200lm**

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