PHILIPS

Lighting



# CorePro LEDtube EM/Mains T8

## CorePro LEDtube 600mm 8W840 C G

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] |
| Main Application | Industrial |
| Nominal Lifetime (Nom) | 30000 h |
| Switching Cycle | 200000X |
| B50L70 | 30000 h |

| Light Technical | |
|---|---|
| Color Code | 840 [ CCT of 4000K] |
| Beam Angle (Nom) | 240 ° |
| Luminous Flux (Nom) | 800 lm |
| Luminous Flux (Rated) (Nom) | 800 lm |
| Rated Beam Angle | 240 ° |
| Correlated Color Temperature (Nom) | 4000 K |
| Color 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) | 8 W |
| Lamp Current (Nom) | 74 mA |
| Starting Time (Nom) | 0.5 s |
| Warm Up Time to 60% Light (Nom) | instant full light 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) | 56 °C |

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

| Mechanical and Housing | |
|---|---|
| Product Length | 600 mm |

| Approval and Application | |
|---|---|
| Energy Saving Product | Yes |

# CorePro LEDtube EM/Mains T8

| | |
|---|---|
| **Suitable For Accent Lighting** | No |
| **Energy Efficiency Label (EEL)** | A+ |
| **Approval Marks** | CE marking RoHS compliance KEMA Keur certificate |
| **Energy Consumption kWh/1000 h** | 8 kWh |

| | |
|---|---|
| **EAN/UPC - Product** | 8718696492772 |
| **Order code** | 929001173202 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 10 |
| **Material Nr. (12NC)** | 929001173202 |
| **Net Weight (Piece)** | 0.120 kg |

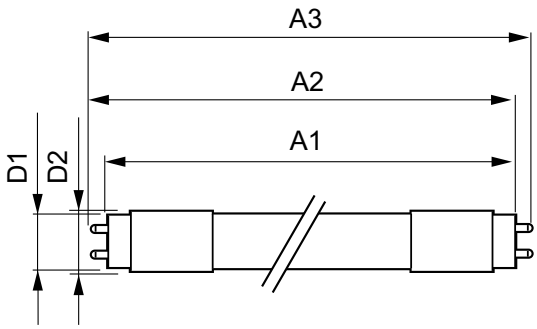
## Product Data

| | |
|---|---|
| **Full product code** | 871869649277200 |
| **Order product name** | CorePro LEDtube 600mm 8W840 C G |

## Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

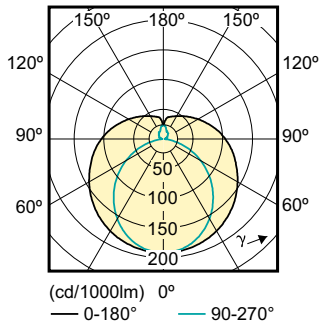
## Dimensional drawing



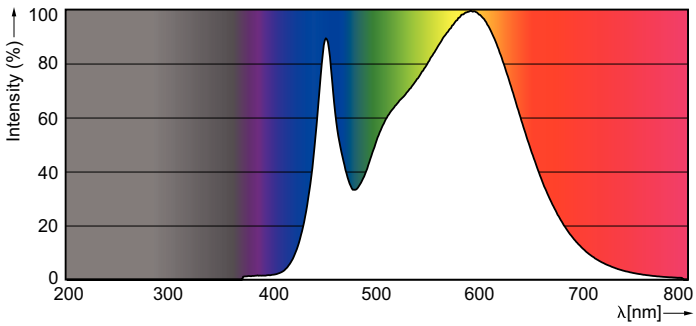

LEDtube 600mm 8W/840 C G

| Product | D1 | D2 | A1 | A2 | A3 |
|---|---|---|---|---|---|
| CorePro LEDtube 600mm 8W840 C G | 25.68 mm | 28 mm | 588.5 mm | 595.5 mm | 602.5 mm |

## Photometric data




LEDtube 600mm 8W, 1200mm 16W T8 C G




LEDtube 600mm 8W /840, 1200mm 16W /840




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