

# CorePro LEDtube EM/ Mains



## CorePro LEDtube 1200mm 14.5W840

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.

### Warnings and Safety

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### Product data

| General Information                    |                                  |
|----------------------------------------|----------------------------------|
| Cap base                               | G13 [ Medium Bi-Pin Fluorescent] |
| EU RoHS compliant                      | Yes                              |
| Nominal lifetime (nom.)                | 30000 h                          |
| Switching cycle                        | 200,000X                         |
|                                        | Sphere                           |
| Light Technical                        |                                  |
| Colour Code                            | 840 [ CCT of 4,000 K]            |
| Beam Angle (Nom)                       | 240 °                            |
| Luminous flux (nom.)                   | 1600 lm                          |
| Colour designation                     | Cool White (CW)                  |
| Correlated Colour Temperature (Nom)    | 4000 K                           |
| Luminous efficacy (rated) (nom.)       | 110.00 lm/W                      |
| Colour consistency                     | <6                               |
| Colour rendering index (nom.)          | 80                               |
| LLMF at end of nominal lifetime (nom.) | 70 %                             |

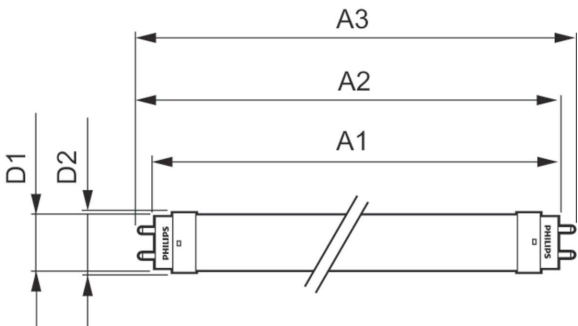
| Operating and Electrical         |             |
|----------------------------------|-------------|
| Input frequency                  | 50 to 60 Hz |
| Power (Rated) (Nom)              | 14.5 W      |
| Lamp current (nom.)              | 70 mA       |
| Starting time (nom.)             | 0.5 s       |
| 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.)            | 40 °C       |

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|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Controls and Dimming     |                                                  |
| Dimmable                 | No                                               |
| Mechanical and Housing   |                                                  |
| Lamp Finish              | Frosted                                          |
| Bulb material            | Glass                                            |
| Product length           | 1200 mm                                          |
| Bulb shape               | Tube, double-ended                               |
| Approval and Application |                                                  |
| Energy Efficiency Class  | E                                                |
| Energy-saving product    | Yes                                              |
| Approval marks           | RoHS compliance CE marking KEMA Keur certificate |

|                                    |                                 |
|------------------------------------|---------------------------------|
| Energy consumption kWh/1,000 hours |                                 |
| 15 kWh                             |                                 |
| 467308                             |                                 |
| Product Data                       |                                 |
| Full product code                  | 871951432535700                 |
| Order product name                 | CorePro LEDtube 1200mm 14.5W840 |
| EAN/UPC – product                  | 8719514325357                   |
| Order code                         | 32535700                        |
| SAP numerator – quantity per pack  | 1                               |
| Numerator – packs per outer box    | 10                              |
| SAP material                       | 929003022302                    |

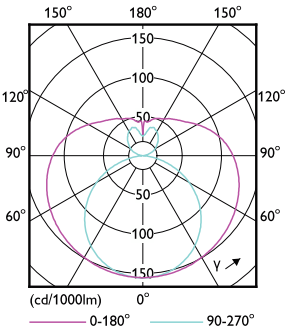
Dimensional drawing



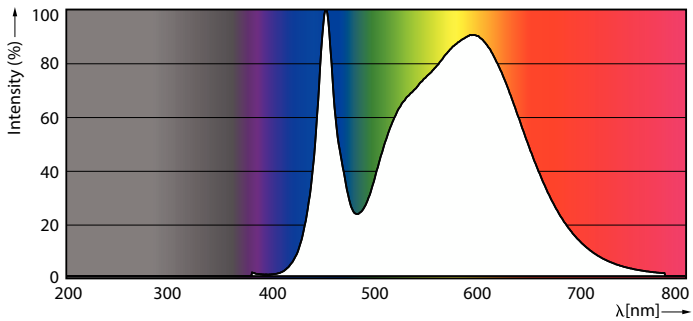
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| Product                         | D1      | D2    | A1      | A2      | A3      |
|---------------------------------|---------|-------|---------|---------|---------|
| CorePro LEDtube 1200mm 14.5W840 | 25.7 mm | 28 mm | 1198 mm | 1205 mm | 1212 mm |

Photometric data

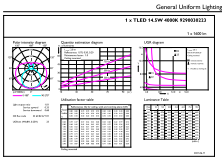


Light Distribution Diagram



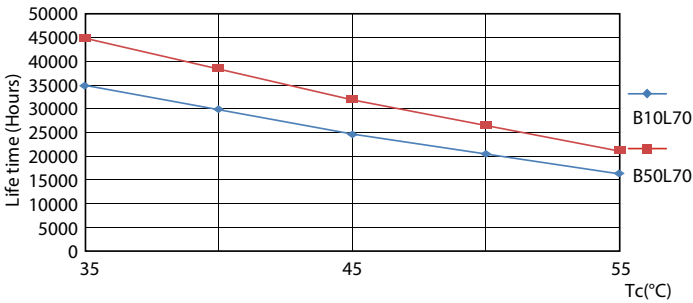
Spectral Power Distribution Colour

Photometric data

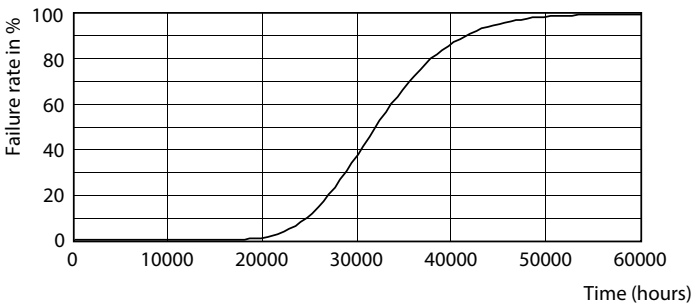


General uniform lighting

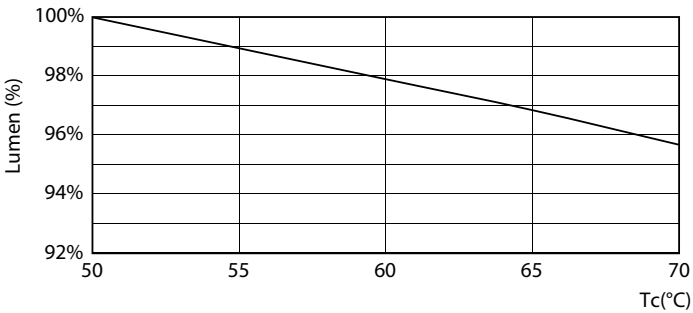
Lifetime



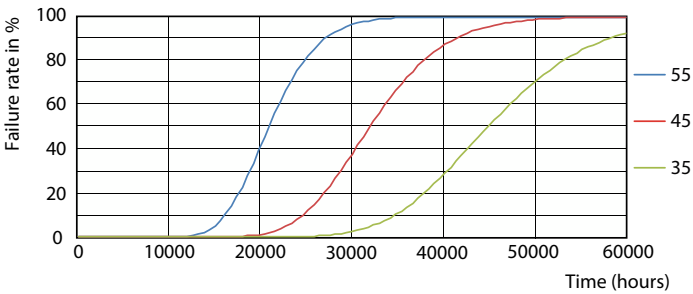
LifetimeVsTc



Life Expectancy Diagram



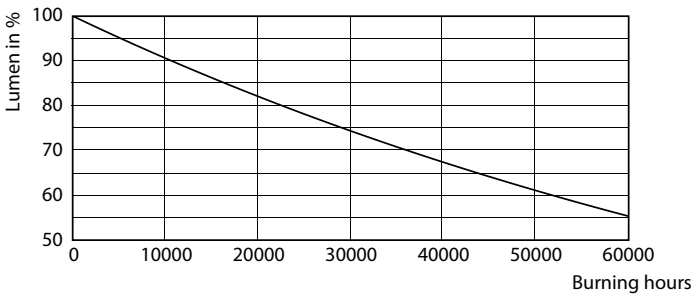
LumenVsTc



FailureRate

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Lifetime



Lumen Maintenance Diagram

