



# CorePro LEDtube EM/ Mains T8



## CorePro LEDtube 1500mm HO 24W 840 T8

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

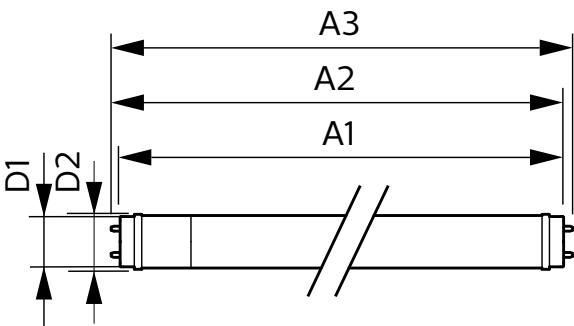
| General Information                |                                 | LLMF At End Of Nominal Lifetime (Nom)                           |             |
|------------------------------------|---------------------------------|-----------------------------------------------------------------|-------------|
| Cap-Base                           | G13 [Medium Bi-Pin Fluorescent] | Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 70 %        |
| Nominal lifetime                   | 50,000 hour(s)                  | Stroboscopic effect visibility measure (SVM)                    | 1           |
| Switching Cycle                    | 200,000                         | Photobiological safety according to EN 62471                    | 0.9 RG0     |
| Lighting Technology                | LED                             | Operating and Electrical                                        |             |
| Flux measurement reference         | Sphere                          | Line Frequency                                                  | 50 to 60 Hz |
| CE mark                            | Yes                             | Input Frequency                                                 | 50 to 60 Hz |
| EU RoHS compliant                  | Yes                             | Power Consumption                                               | 24 W        |
| Light Technical                    |                                 | Lamp Current (Nom)                                              | 120 mA      |
| Color Code                         | 840 [CCT of 4000K]              | Starting Time (Nom)                                             | 0.5 s       |
| Beam Angle (Nom)                   | 240 degree(s)                   | Warm-up time to 60% light                                       | 0.5 s       |
| Luminous Flux                      | 2,700 lm                        | Power Factor (Fraction)                                         | 0.9         |
| Color Designation                  | Cool White (CW)                 | Voltage (Nom)                                                   | 220-240 V   |
| Correlated Color Temperature (Nom) | 4000 K                          | LED alternative to fluorescent lamp power                       | 58 W        |
| Luminous Efficacy (rated) (Nom)    | 112 lm/W                        | Ballast Compatibility                                           | EM/Mains    |
| Color Consistency                  | <6                              |                                                                 |             |
| Color rendering index (CRI)        | 80                              |                                                                 |             |

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|                           |                                                     |
|---------------------------|-----------------------------------------------------|
| Temperature               |                                                     |
| Ambient temperature range | -20 °C to 45 °C                                     |
| T-Case Maximum (Nom)      | 55 °C                                               |
| Controls and Dimming      |                                                     |
| Dimmable                  | No                                                  |
| Mechanical and Housing    |                                                     |
| Bulb Finish               | Frosted                                             |
| Bulb Material             | Glass                                               |
| Product Length            | 1,500 mm                                            |
| Bulb Shape                | T8                                                  |
| Approval and Application  |                                                     |
| Energy Efficiency Class   | E                                                   |
| Energy Saving Product     | Yes                                                 |
| Approval Marks            | RoHS compliance CE marking KEMA<br>Keur certificate |

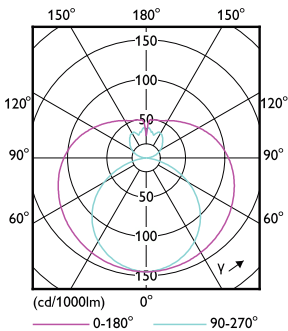
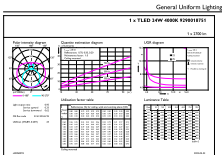
|                                 |                                      |
|---------------------------------|--------------------------------------|
| Energy Consumption kWh/1000 h   | 24 kWh                               |
| EPREL Registration Number       | 1384714                              |
| Product Data                    |                                      |
| Order product name              | CorePro LEDtube 1500mm HO 24W 840 T8 |
| Full product name               | CorePro LEDtube 1500mm HO 24W 840 T8 |
| Full product code               | 871869680617300                      |
| Order code                      | 80617300                             |
| Material Nr. (12NC)             | 929001875102                         |
| Numerator - Quantity Per Pack   | 1                                    |
| EAN/UPC - Product/Case          | 8718696806173                        |
| Numerator - Packs per outer box | 10                                   |
| EAN/UPC - Case                  | 8718696806180                        |

Dimensional drawing



| Product                              | D1      | D2    | A1       | A2         | A3         |
|--------------------------------------|---------|-------|----------|------------|------------|
| CorePro LEDtube 1500mm HO 24W 840 T8 | 25.7 mm | 28 mm | 1,500 mm | 1,507.1 mm | 1,514.2 mm |

Photometric data

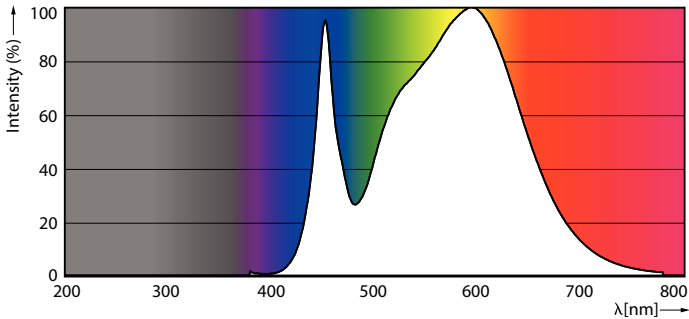


General uniform lighting - CorePro LEDtube 1500mm HO 24W 840 T8

Light Distribution Diagram - CorePro LEDtube 1500mm HO 24W 840 T8

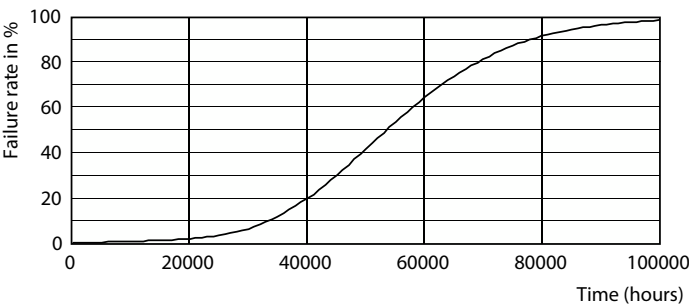
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Photometric data

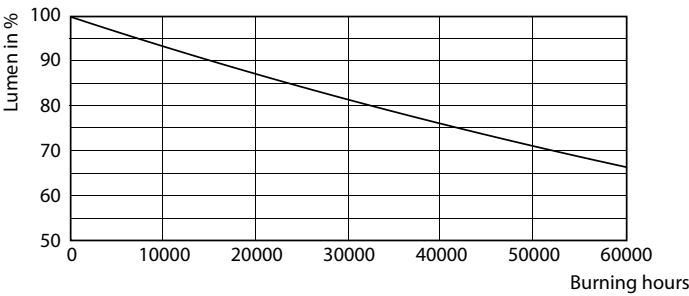


Spectral Power Distribution Colour - CorePro LEDtube 1500mm HO 24W 840 T8

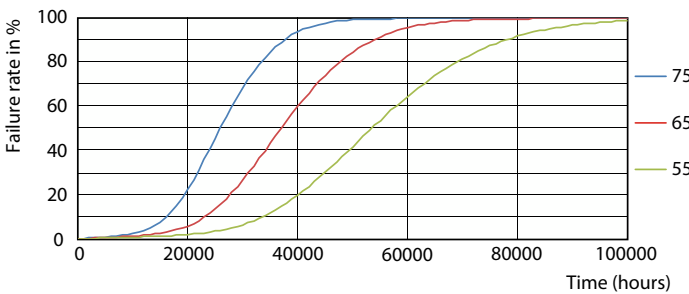
Lifetime



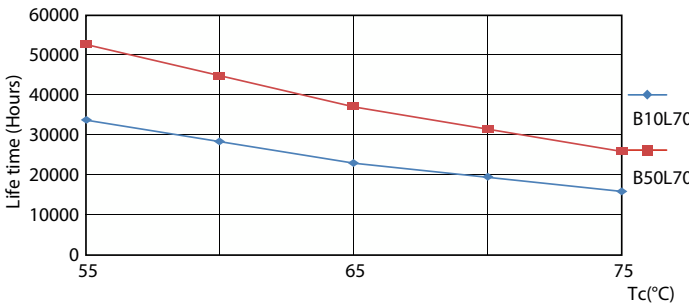
Life Expectancy Diagram - CorePro LEDtube 1500mm HO 24W 840 T8



Lumen Maintenance Diagram - CorePro LEDtube 1500mm HO 24W 840 T8



Life Expectancy Diagram - CorePro LEDtube 1500mm HO 24W 840 T8



Life Expectancy Diagram - CorePro LEDtube 1500mm HO 24W 840 T8

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