# CorePro LEDtube MainsFit T8

## 15.5T8-6U/COR/24-840/MF21/G 10/1

Philips CorePro MainsFit (UL Type-B) T8 LED lamps use a double-ended design which signifcantly simplifes installation, saving installation time and costs. This ballast bypass product replaces either T8 or T12 lamps in fxtures containing shunted or non-shunted G13 (medium bi-pin) lamp holders for over 40% energy savings.

### Product data

| General Information | |
|---|---|
| **Base** | 2G13 [ 2G13] |
| **Nominal Lifetime (Nom)** | 50000 h |
| **Switching Cycle** | 50000X |
| **B50L70** | 50000 h |

| Light Technical | |
|---|---|
| **Color Code** | 841 [ CCT of 4100K (841)] |
| **Beam Angle (Nom)** | 180 ° |
| **Initial lumen (Nom)** | 2100 lm |
| **Luminous Flux (Rated) (Nom)** | 2100 lm |
| **Rated Beam Angle** | 180 ° |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Color Consistency** | <6 |
| **Color Rendering Index (Nom)** | 82 |
| **LLMF At End Of Nominal Lifetime (Nom)** | 70 % |

| Operating and Electrical | |
|---|---|
| **Input Frequency** | 50 to 60 Hz |
| **Power (Rated) (Nom)** | 15.5 W |
| **Lamp Current (Max)** | 140 mA |
| **Lamp Current (Min)** | 63 mA |
| **Starting Time (Nom)** | 0.9 s |
| **Warm Up Time to 60% Light (Nom)** | 0.9 s |
| **Power Factor (Nom)** | 0.9 |
| **Voltage (Nom)** | 120-277 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)** | 51 °C |

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

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

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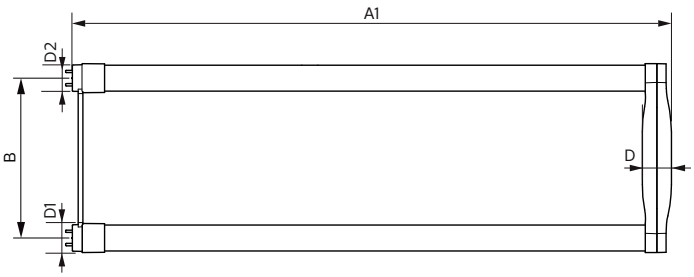
| Approval and Application | |
|---|---|
| **Energy Saving Product** | Yes |
| **Approbation Marks** | UL certificate RoHS compliance DLC compliance |
| **DesignLights Consortium Qualified Product List** | DesignLights Consortium Qualified Product List |

| Product Data | |
|---|---|
| **Order product name** | 15.5T8-6U/COR/24-840/MF21/G 10/1 |

| | |
|---|---|
| **EAN/UPC - Product** | 046677535551 |
| **Order code** | 535559 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 10 |
| **Material Nr. (12NC)** | 929001934804 |
| **Net Weight (Piece)** | 0.230 kg |
| **Model Number** | 9290019348 |

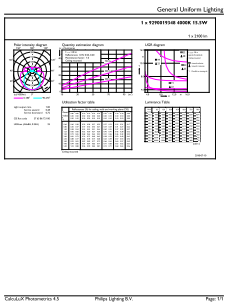
## Dimensional drawing



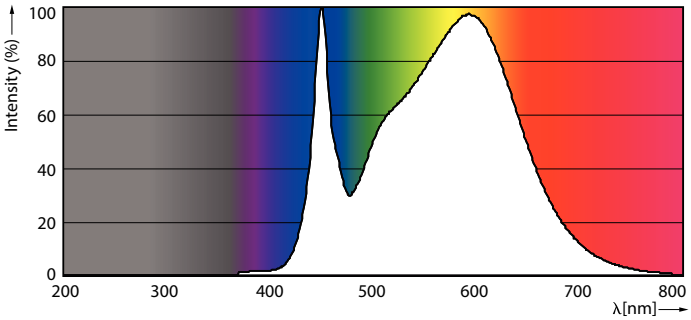

| Product | D1 | D2 | B | A1 | D |
|---|---|---|---|---|---|
| 15.5T8-6U PRO/24-840/BB21/G 10/1 FB | 25.7 mm | 28.1 mm | 152 mm | 570 mm | 27.9 mm |

**TLED MF CorePro U bent 2100lm 4000K**

## Photometric data



**15-5W 2G13 840 4000K**




**15-5W 2G13**

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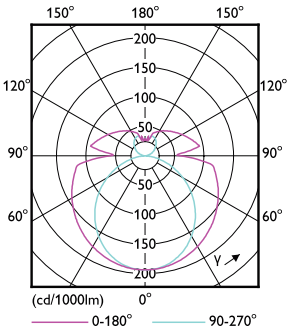
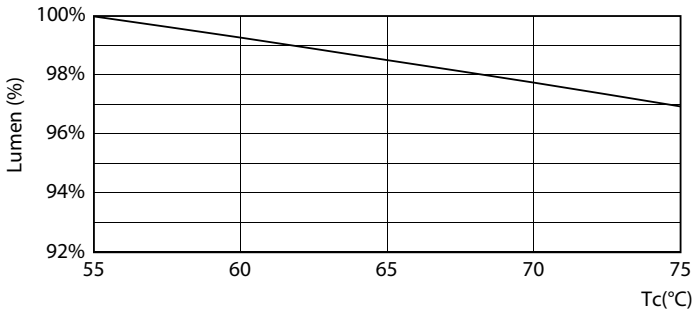
## Photometric data

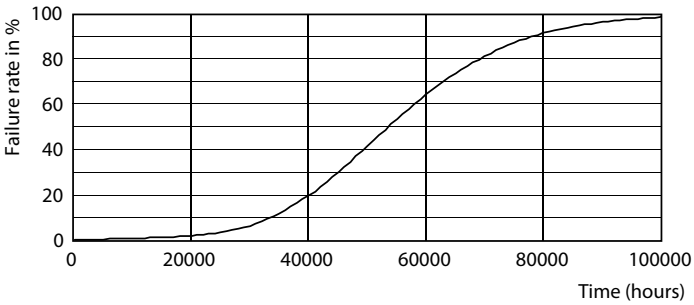



**15-5W 2G13 830 3000K**

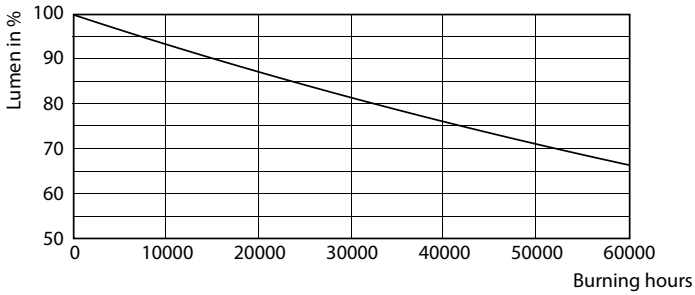
## Lifetime



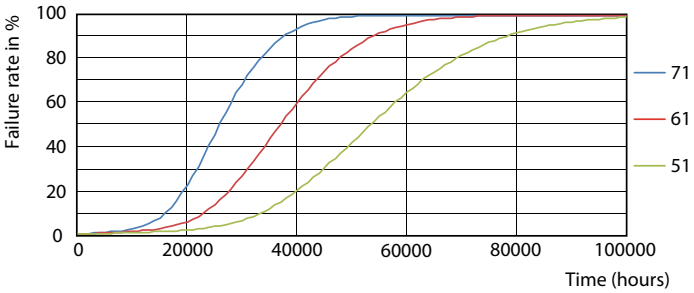

**15-5W 2G13**




**8-5W G13**




**8-5W G13**




**15-5W 2G13**

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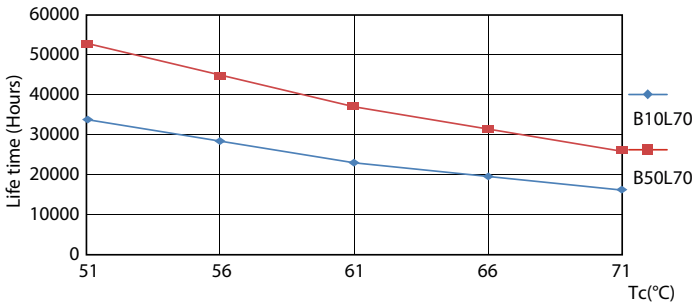
## Lifetime




**15-5W 2G13**

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