



CorePro LEDtube MainsFit T8

16.5T8PRO/48-830/BB20/G 10/1 FB

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

Product data

| General Information | | Power (Rated) (Nom) | |
|---------------------------------------|----------------------------------|---------------------------------|-----------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | | 16.5 W |
| RoHS mark | RoHS mark | Lamp Current (Max) | 154 mA |
| Nominal Lifetime (Nom) | 50000 h | Lamp Current (Min) | 55 mA |
| Switching Cycle | 50000X | Starting Time (Nom) | 0.5 s |
| B50L70 | 50000 h | Warm Up Time to 60% Light (Nom) | 0.5 s |
| | | Power Factor (Nom) | 0.9 |
| | | Voltage (Nom) | 120-277 V |
| Light Technical | | Temperature | |
| Color Code | 830 [CCT of 3000K] | T-Ambient (Max) | 45 °C |
| Beam Angle (Nom) | 240 ° | T-Ambient (Min) | -20 °C |
| Initial lumen (Nom) | 2000 lm | T-Storage (Max) | 65 °C |
| Luminous Flux (Rated) (Nom) | 2000 lm | T-Storage (Min) | -40 °C |
| Rated Beam Angle | 240 ° | T-Case Maximum (Nom) | 70 °C |
| Correlated Color Temperature (Nom) | 3000 K | | |
| Color Consistency | <6 | Controls and Dimming | |
| Color Rendering Index (Nom) | 80 | Dimmable | No |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | | |
| Operating and Electrical | | | |
| Input Frequency | 50 to 60 Hz | | |

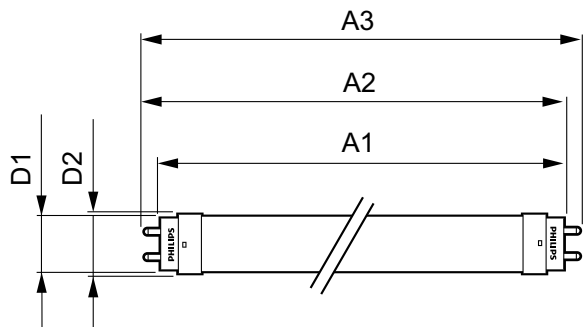
CorePro LEDtube MainsFit T8

| Mechanical and Housing | |
|--|--|
| Product Length | 1200 mm |
| 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 | 16.5T8PRO/48-830/BB20/G 10/1 FB |

| | |
|---------------------------------|--------------|
| EAN/UPC - Product | 046677471743 |
| Order code | 471748 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929001363134 |
| Net Weight (Piece) | 0.210 kg |
| Model Number | 9290013631a |

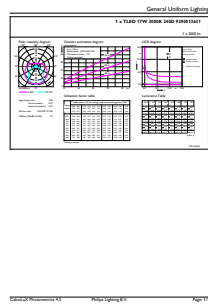
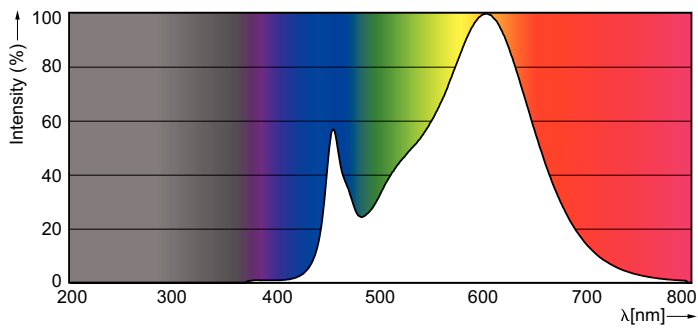
Dimensional drawing



TLED IF CorePro 4ft 2000lm 3000K

| Product | D1 | D2 | A1 | A2 | A3 |
|----------------------------------|---------|-------|---------|---------|---------|
| 16.5T8/COR/48-830/MF20/G 10/1 | 25.7 mm | 26 mm | 1200 mm | 1207 mm | 1214 mm |

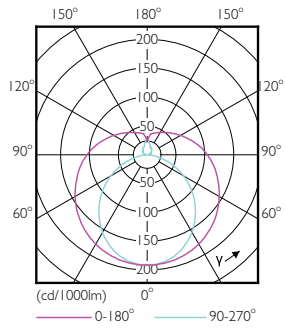
Photometric data



Mains DLC 120-277V 17W 2000lm 3000K ND

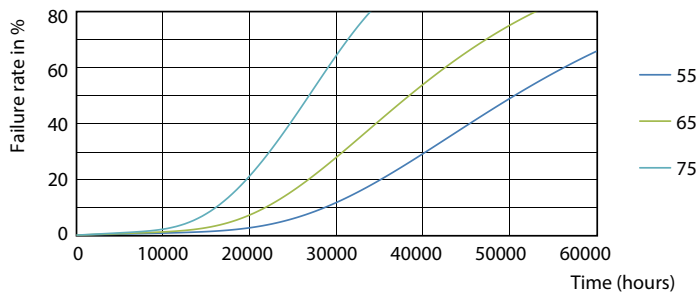
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Photometric data

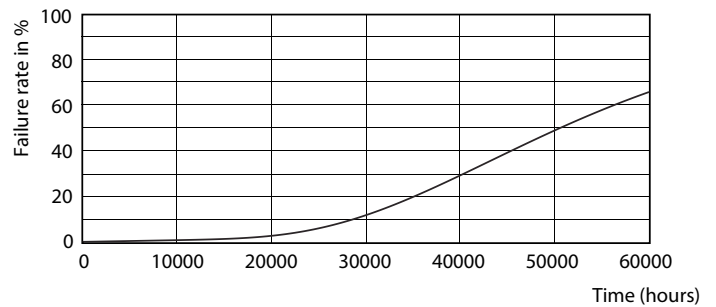


Mains DLC 17W 2000-2100lm 3000_5000K ND

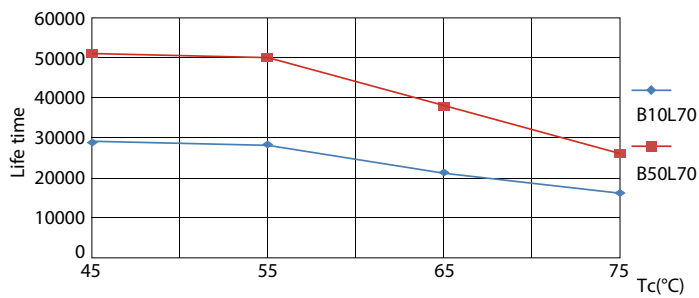
Lifetime



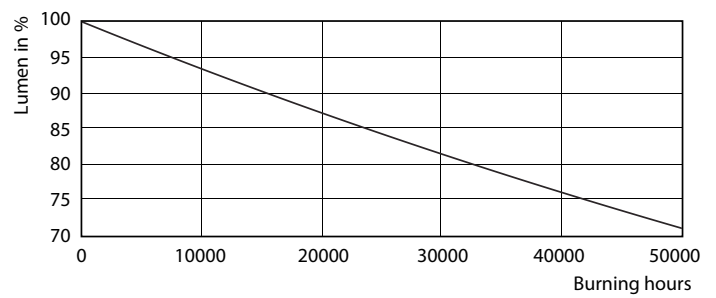
Mains DLC 17W 2000-2100lm 3000_5000K ND



Mains DLC 17W 2000-2100lm 3000_5000K ND



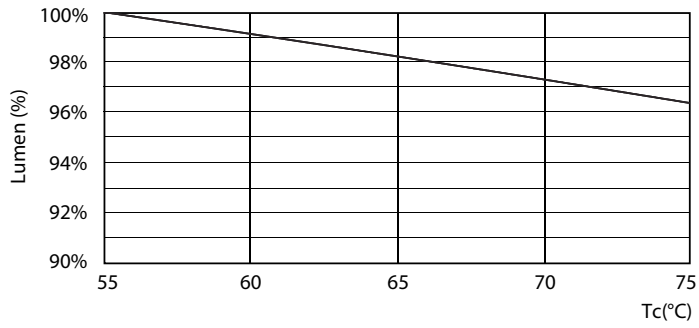
Mains DLC 17W 2000-2100lm 3000_5000K ND



Mains DLC 17W 2000-2100lm 3000 5000K ND

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Lifetime



Mains DLC 17W 2000-2100lm 3000 5000K ND

