



CorePro LED tube Universal T8



CorePro LEDtube UN 600mm HO 8W865 T8

The new Philips CorePro LEDtube Universal T8 brings simplicity to your lighting project. You don't need to pay attention to the driver technology anymore. Thanks to a unique design, Philips CorePro LEDtube Universal T8 directly fits in luminaires operating either on Electro Magnetic ballasts or HF Electronic ballasts or mains power connection. So simple to operate and no need to carry double stock of products! Perfectly safe, reliable & easy to install Philips CorePro LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to save energy and lower investment.

Product data

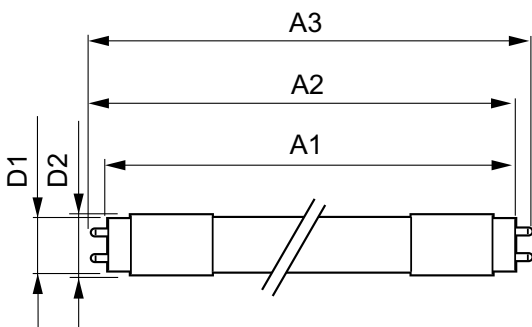
| General information | | LLMF At End Of Nominal Lifetime (Nom) 70 % | |
|------------------------------------|----------------------------------|--|-------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | Operating and electrical | |
| EU RoHS compliant | Yes | Input Frequency | 50 to 60 Hz |
| Nominal Lifetime (Nom) | 30000 h | Power (Nom) | 8 W |
| Switching Cycle | 50000X | Lamp Current (Nom) | 40 mA |
| Technical Type | 8-18W | Starting Time (Nom) | 0.5 s |
| Flux measurement reference | Sphere | Warm Up Time to 60% Light (Nom) | 0.5 s |
| Light technical | | Power Factor (Nom) | 0.9 |
| Color Code | 865 [CCT of 6500K] | Voltage (Nom) | 220-240 V |
| Beam Angle (Nom) | 240 ° | Temperature | |
| Luminous Flux (Nom) | 900 lm | T-Ambient (Max) | 45 °C |
| Color Designation | Cool Daylight | T-Ambient (Min) | -20 °C |
| Correlated Color Temperature (Nom) | 6500 K | T-Storage (Max) | 65 °C |
| Luminous Efficacy (rated) (Nom) | 112.00 lm/W | T-Storage (Min) | -40 °C |
| Color Consistency | <6 | | |
| Color Rendering Index (Nom) | 80 | | |

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|---------------------------------|--|
| T-Case Maximum (Nom) | 45 °C |
| Controls and dimming | |
| Dimmable | No |
| Mechanical and housing | |
| Bulb Finish | Frosted |
| Bulb Material | Glass |
| Product Length | 600 mm |
| Bulb Shape | Tube, double-ended |
| Approval and application | |
| Energy Efficiency Class | E |
| Energy Saving Product | Yes |
| Approval Marks | RoHS compliance TUV CE marking KEMA Keur certificate |

| | |
|---------------------------------|--------------------------------------|
| Energy Consumption kWh/1000 h | 8 kWh |
| EPREL Registration Number | 403636 |
| Product data | |
| Full product code | 871869978281800 |
| Order product name | CorePro LEDtube UN 600mm HO 8W865 T8 |
| EAN/UPC - Product | 8718699782818 |
| Order code | 929002420002 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929002420002 |
| Net Weight (Piece) | 0.121 kg |

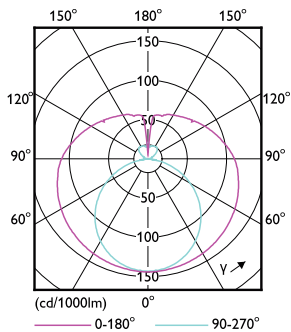
Dimensional drawing



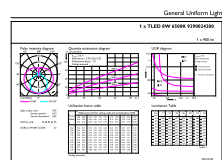
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| Product | D1 | D2 | A1 | A2 | A3 |
|--------------------------------------|---------|-------|----------|----------|----------|
| CorePro LEDtube UN 600mm HO 8W865 T8 | 25.7 mm | 28 mm | 588.6 mm | 595.7 mm | 602.8 mm |

Photometric data



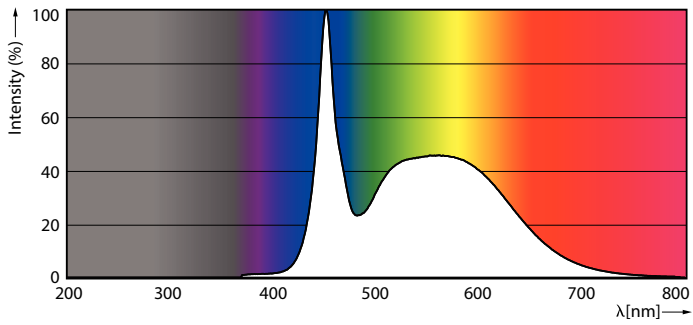
LEDtube 8W G13 900lm



LEDtube 8W G13 900lm 865

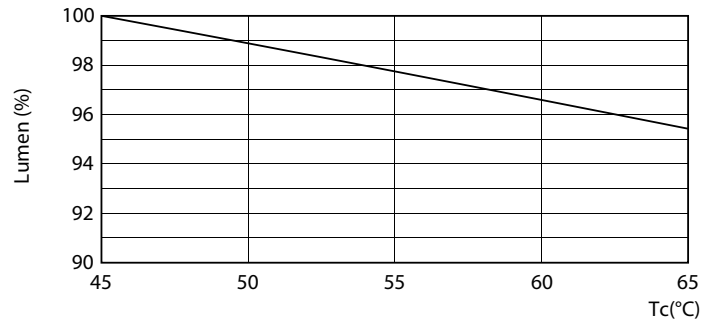
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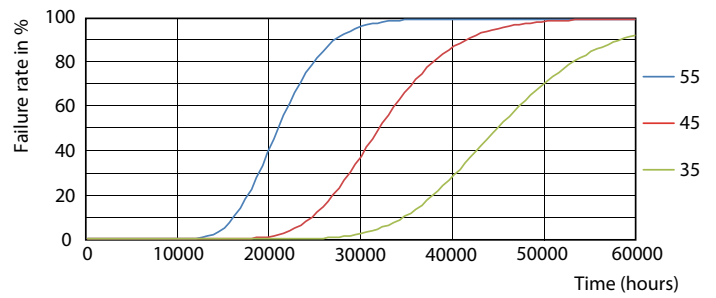
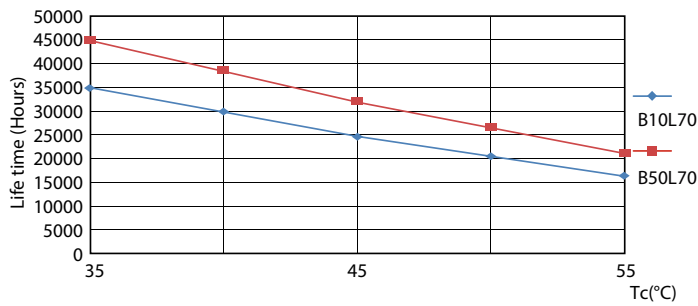
LEDtube 8W G13 900lm 865

Lifetime



Life Expectancy Diagram

LEDtube COR SLR 8W 30K LumenVsTc-LMP-LMP



LEDtube COR SLR 8W 30K LifetimeVsTc-LED-LED

LEDtube COR SLR 8W 30K FailureRate-LED-LED

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Lifetime



Lumen Maintenance Diagram

