

T8

14.5T8/BCP/48-865/MF18/G 25/1

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

Product data

| General information | | Lamp Current (Max) | | Lamp Current (Min) | | Starting Time (Nom) | | Warm Up Time to 60% Light (Nom) | | UL Type | | Power Factor (Nom) | | Voltage (Nom) | |
|---------------------------------------|----------------------------------|----------------------|--------|----------------------|---------|------------------------|---------|---------------------------------|-------|---------|---------------------------------------|--------------------|-----|---------------|-----------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | | 125 mA | | 58 mA | | 0.5 s | | 0.5 s | | TLED_Type B; UL classified double end | | 0.9 | | 120-277 V |
| EU RoHS compliant | Yes | | | | | | | | | | | | | | |
| Nominal Lifetime (Nom) | 50000 h | | | | | | | | | | | | | | |
| Switching Cycle | 50000X | | | | | | | | | | | | | | |
| Light technical | | Temperature | | Controls and dimming | | Mechanical and housing | | | | | | | | | |
| Color Code | 865 [CCT of 6500K] | T-Ambient (Max) | 45 °C | Dimmable | Limited | Bulb Finish | Frosted | | | | | | | | |
| Beam Angle (Nom) | 240 ° | T-Ambient (Min) | -20 °C | | | | | | | | | | | | |
| Luminous Flux (Nom) | 1800 lm | T-Storage (Max) | 65 °C | | | | | | | | | | | | |
| Color Designation | Cool Daylight | T-Storage (Min) | -40 °C | | | | | | | | | | | | |
| Correlated Color Temperature (Nom) | 6500 K | T-Case Maximum (Nom) | 70 °C | | | | | | | | | | | | |
| Luminous Efficacy (rated) (Nom) | 124.00 lm/W | | | | | | | | | | | | | | |
| Color Consistency | <6 | | | | | | | | | | | | | | |
| Color 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 | | | | | | | | | | | | | | |

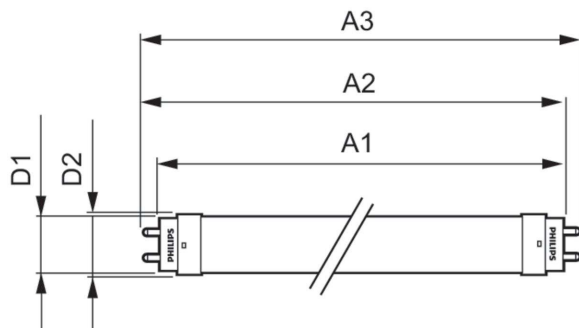
T8

| | |
|---------------------------------|---|
| Bulb Material | Glass |
| Product Length | 1200 mm |
| Bulb Shape | Tube, double-ended |
| Approval and application | |
| Energy Saving Product | Yes |
| Approval Marks | RoHS compliance UL certificate DLC compliance |

| | |
|---------------------------------|--------------|
| EAN/UPC - Product | 046677577797 |
| Order code | 577791 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 25 |
| Material Nr. (12NC) | 929003474804 |
| Net Weight (Piece) | 0.190 kg |
| Model Number | 9290034748 |

| | |
|---------------------|-------------------------------|
| Product data | |
| Order product name | 14.5T8/BCP/48-865/MF18/G 25/1 |

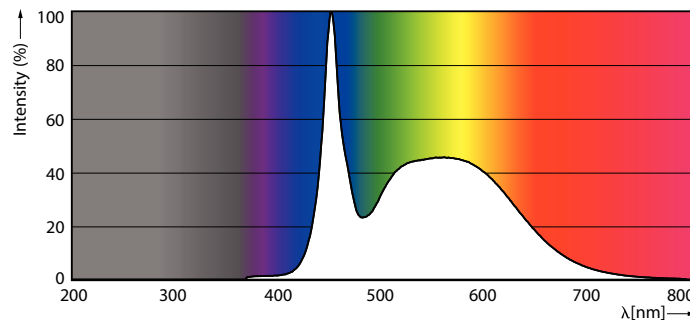
Dimensional drawing



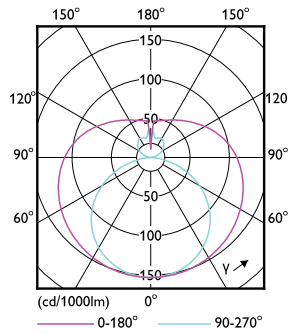
14.5T8/BCP/48-865/MF18/G 25/1

| Product | D1 | D2 | A1 | A2 | A3 |
|-------------------------------|---------|-------|-----------|-----------|-----------|
| 14.5T8/BCP/48-865/MF18/G 25/1 | 25.7 mm | 28 mm | 1198.2 mm | 1205.3 mm | 1212.4 mm |

Photometric data

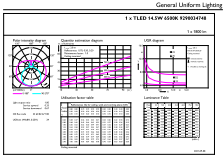


Spectral Power Distribution Colour



Light Distribution Diagram

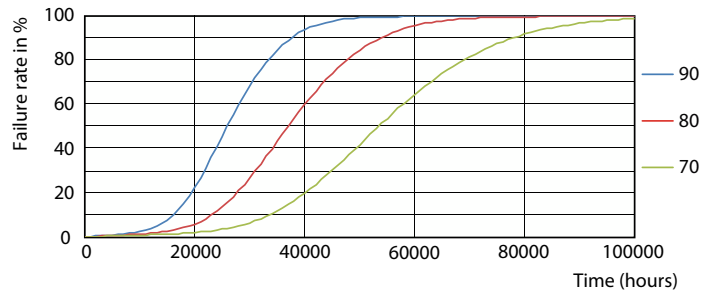
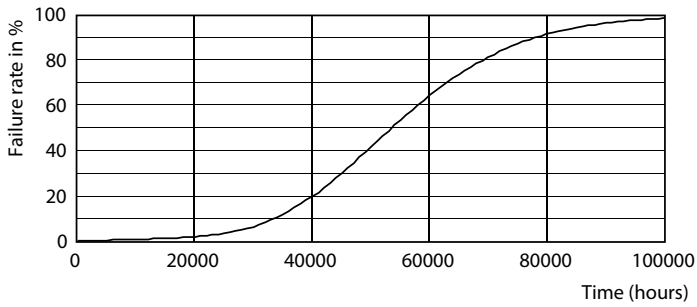
Photometric data



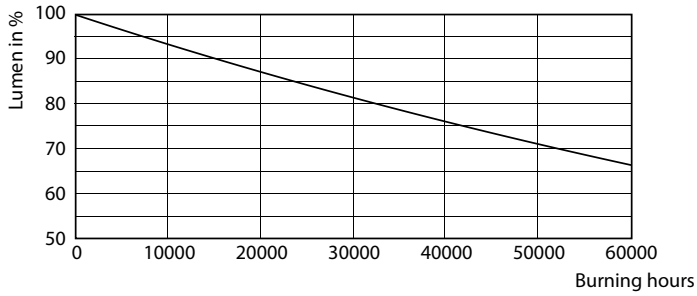
General uniform lighting

General uniform lighting

Lifetime

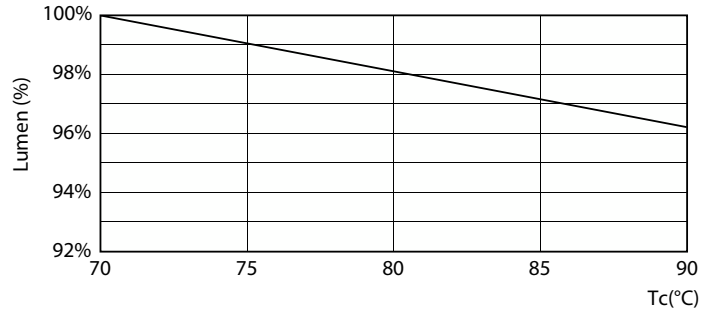


Life Expectancy Diagram



Lumen Maintenance Diagram

FailureRate



LumenVsTc

T8

Lifetime



LifetimeVsTc

