# T8

## 11.5T8/COR/36-850/MF14/G 10/1

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

| | |
|---|---|
| Base | G13 [ Medium Bi-Pin Fluorescent] |
| EU RoHS compliant | Yes |
| Nominal Lifetime (Nom) | 50000 h |
| Switching Cycle | 50000X |

### Light Technical

| | |
|---|---|
| Color Code | 850 [ CCT of 5000K] |
| Beam Angle (Nom) | 180 ° |
| Initial lumen (Nom) | 1400 lm |
| Luminous Flux (Rated) (Nom) | 1400 lm |
| Correlated Color Temperature (Nom) | 5000 K |
| Color Consistency | <5 |
| 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) | 11.5 W |
| Lamp Current (Max) | 101 mA |

| | |
|---|---|
| Lamp Current (Min) | 47 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 ℃ |
| T-Ambient (Min) | -20 ℃ |
| T-Storage (Max) | 65 ℃ |
| T-Storage (Min) | -40 ℃ |
| T-Case Maximum (Nom) | 50 ℃ |

### Controls and Dimming

| | |
|---|---|
| Dimmable | No |

### Mechanical and Housing

| | |
|---|---|
| Product Length | 900 mm |

# T8

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

| Product Data | |
|---|---|
| XUCDM.COPY.Product.Title | 11.5T8/COR/36-850/MF14/G 10/1 |

| | |
|---|---|
| EAN/UPC – Product | 046677535520 |
| Order code | 535526 |
| Numerator – Quantity Per Pack | 1 |
| Numerator – Packs per outer box | 10 |
| Material Nr. (12NC) | 929001934504 |
| Net Weight (Piece) | 0.250 kg |
| Model Number | 9290019345 |

## Dimensional drawing
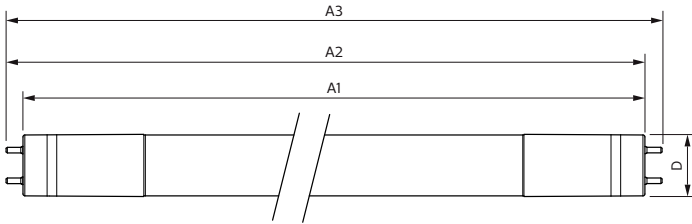


| Product | D | A1 | A2 | A3 |
|---|---|---|---|---|
| 11.5T8/COR/36-850/MF14/G 10/1 | 25.9 mm | 894.3 mm | 900.5 mm | 908.8 mm |

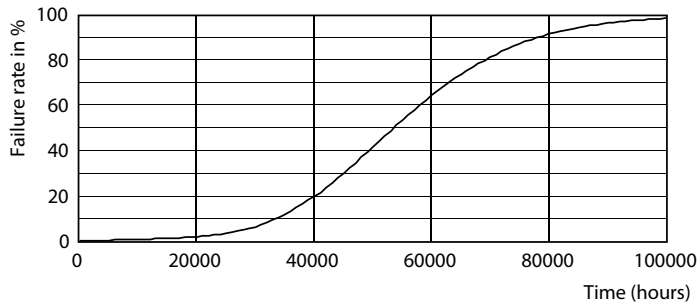**TLED MF CorePro 3ft 1400lm 5000K**

## Photometric data
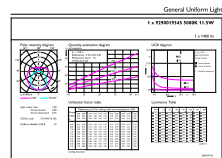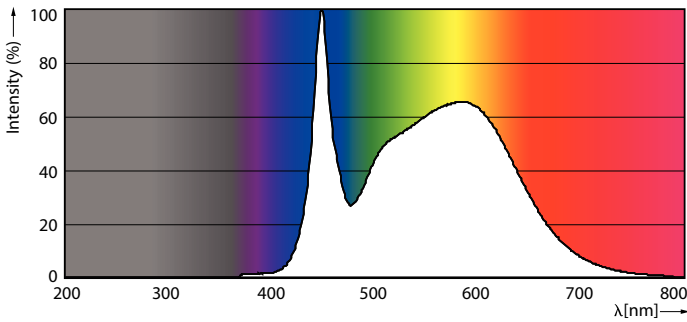


**11-5W G13**



**11-5W G13 850 5000K**

# T8

## Photometric data
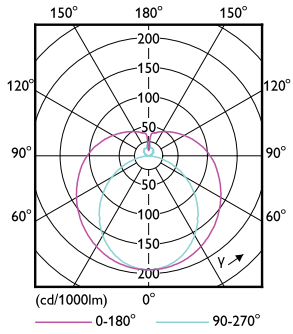


150° 180° 150°
200
150
100
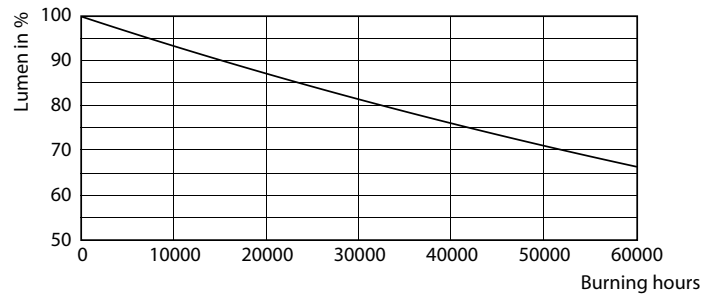120° 50 120°
90° 90°
50
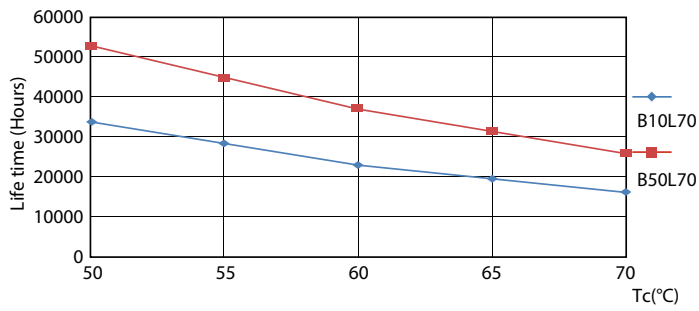60° 100 60°
150
γ
200
(cd/1000lm) 0°
—— 0-180°   —— 90-270°

## Lifetime

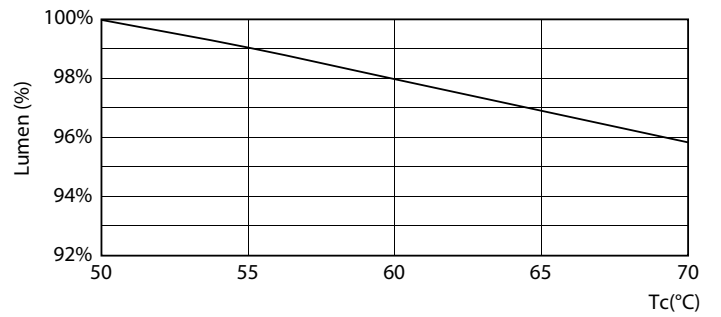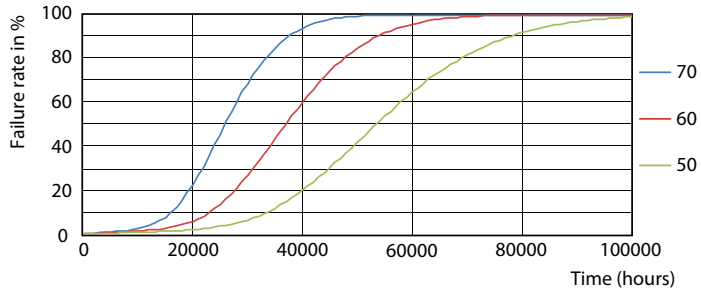

8.5W G13



8.5W G13



8.5W G13



11.5W

## Lifetime



**8.5W G13**

www.lighting.philips.com

2020, January 21 – data subject to change