

LED InstantFit Lamps

15T8/48-5000 IF 10/1

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

Product data

| General Information | | | |
|---------------------------------------|----------------------------------|--|--|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | | |
| Main Application | Industrial | | |
| Nominal Lifetime (Nom) | 40000 h | | |
| Switching Cycle | 50000X | | |
| B50L70 | 40000 h | | |
| | | | |
| Light Technical | | | |
| Color Code | 850 [CCT of 5000K] | | |
| Beam Angle (Nom) | 160 ° | | |
| Luminous Flux (Nom) | 2100 lm | | |
| Luminous Flux (Rated) (Nom) | 2100 lm | | |
| Rated Beam Angle | 160 ° | | |
| Correlated Color Temperature (Nom) | 5000 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 W | | |
| Lamp Current (Nom) | 110 mA | | |
| Starting Time (Nom) | 0.5 s | | |
| Warm Up Time to 60% Light (Nom) | instant full light 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) | 50 °C |
| | |
| Controls and Dimming | |
| Dimmable | Yes |
| | |
| Mechanical and Housing | |
| Product Length | 1200 mm |
| | |
| Approval and Application | |
| Energy Efficiency Label (EEL) | A+ |
| Energy Saving Product | Yes |
| Suitable For Accent Lighting | No |
| Approval Marks | UL certificate RoHS compliance DLC |
| | compliance |
| Energy Consumption kWh/1000 h | 18 kWh |
| DesignLights Consortium Qualified Product List | DesignLights Consortium Qualified |
| | Product List |
| | |
| | |

Datasheet, 2019, April 2 data subject to change

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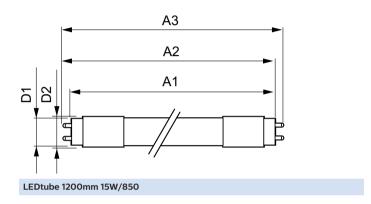
| Product Data | | | |
|-------------------------------|----------------------|--|--|
| Order product name | 15T8/48-5000 IF 10/1 | | |
| EAN/UPC - Product | 046677456924 | | |
| Order code | 456921 | | |
| Numerator - Quantity Per Pack | 1 | | |

| Numerator - Packs per outer box | 10 | | |
|---------------------------------|--------------|--|--|
| Material Nr. (12NC) | 929001158804 | | |
| Net Weight (Piece) | 0.230 kg | | |

Warnings and Safety

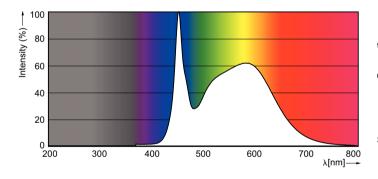
• Philips LED T8 InstantFit lamps will only operate properly on compatible instant-start ballasts. Please refer to the Philips LED T8 InstantFit Installation Guide, which can be obtained through your local Philips Sales Representative, or visit www.philips.com/tled

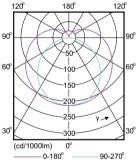
Dimensional drawing

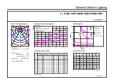


| Product | D1 | D2 | A1 | A2 | А3 |
|----------------------|---------|-------|-----------|-----------|-----------|
| 15T8/48-5000 IF 10/1 | 25.7 mm | 28 mm | 1198.0 mm | 1205.0 mm | 1212.0 mm |

Photometric data







LEDtube 1200mm 15W G13 T8 850 2100lm

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