



LED InstantFit Lamps

8.5T8/24-5000 IF 10/1

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

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

Product data

| General Information | |
|---------------------------------------|---------------------------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] |
| Nominal lifetime | 40,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Color Code | 850 [CCT of 5000K] |
| Beam Angle (Nom) | 160 degree(s) |
| Luminous Flux | 1,100 lm |
| Correlated Color Temperature (Nom) | 5000 K |
| Color Consistency | <6 |
| Color rendering index (CRI) | 83 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| | |
| Operating and Electrical | |
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 8.5 W |
| Starting Time (Nom) | 0.5 s |

| Warm-up time to 60% light | Instant full light s |
|-------------------------------|--|
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 120-277 V |
| | |
| Temperature | |
| Ambient temperature range | -20 °C to 45 °C |
| T-Case Maximum (Nom) | 50 °C |
| | |
| Controls and Dimming | |
| Dimmable | No |
| | |
| Mechanical and Housing | |
| Product Length | 600 mm |
| | |
| Approval and Application | |
| Energy Saving Product | Yes |
| Suitable For Accent Lighting | No |
| Approval Marks | CE marking UL certificate RoHS compliance KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 10.5 kWh |

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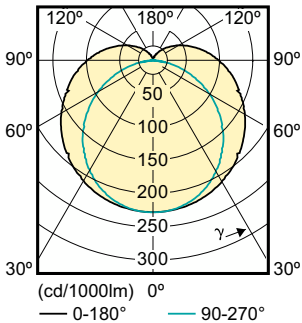
| Product Data | |
|-------------------------------|-----------------------|
| Order product name | 8.5T8/24-5000 IF 10/1 |
| Full product name | 8.5T8/24-5000 IF 10/1 |
| Order code | 929001118204 |
| Material Nr. (12NC) | 929001118204 |
| Numerator - Quantity Per Pack | 1 |

| | |
|---------------------------------|----------------|
| EAN/UPC - Product/Case | 046677452049 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 50046677452044 |

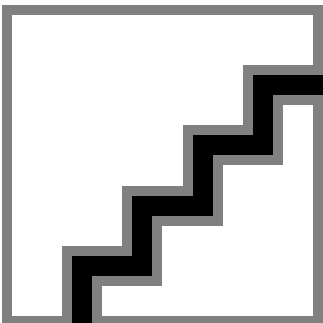
Dimensional drawing

| Product | D1 | D2 | A1 | A2 | A3 |
|-----------------------|----------|-------|----------|----------|----------|
| 8.5T8/24-5000 IF 10/1 | 25.68 mm | 28 mm | 588.5 mm | 595.5 mm | 602.5 mm |

Photometric data



Light Distribution Diagram - 8.5T8/24-5000 IF 10/1



Spectral Power Distribution Colour - 8.5T8/24-5000 IF 10/1

