Installation & Ballast Guide

Philips LED T8 InstantFit Lamp

Please take the time to read this quick installation guide. The guide contains important information and notes regarding the installation and operation.

IMPORTANT!

• Product is not dimmable
• Always switch off power to the luminaire before commencing work!
• Compatible only with instant-start ballasts.
• Luminaires must have shunted lamp holders
• Philips LED T8 InstantFit lamps are not compatible with luminaires that use a remote starter.
• Philips LED T8 InstantFit lamps are intended to retrofit, UL Listed surface mount, or type IC or non-IC recessed mount fluorescent luminaries with or without diffuser that use straight tubular lamps.
- Do not change the structure or any components of the Philips LED T8 InstantFit lamps to ensure safety.
- Please keep this Quick Installation Guide for at least the coming ten years for future system maintenance.
- Philips LED T8 InstantFit lamps are designed to fit in standard G13 bi-pin lampholders.
- Philips LED T8 InstantFit lamps can be installed in T8 standard luminaires.

### Product Specifications

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Order Code</th>
<th>Low Ballast Factor (0.78)</th>
<th>Normal Ballast Factor (0.88)</th>
<th>High Ballast Factor (1.18)</th>
<th>Average System Watts (W)</th>
<th>Low Ballast Factor (0.78)</th>
<th>Normal Ballast Factor (0.88)</th>
<th>High Ballast Factor (1.18)</th>
<th>Lumens Rated Avg. Life</th>
<th>Base</th>
<th>Length (In.)</th>
<th>Bulb Type</th>
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### Ballast Compatibility Guide

Please refer to [www.philips.com/tled](http://www.philips.com/tled) for instant start ballasts details and the latest ballast compatibility guide.
**Installation Guide**

The Philips LED T8 InstantFit lamp automatically adjust its light output that corresponds to the ballast factor that it is connected to.

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**Retrofit Instructions**

1. Switch-off power to the luminaire
   - Remove diffuser (if provided)
   - Confirm that the ballast in the luminaire is an instant start ballast (typically located in the ballast channel)

   If the existing ballast is not an instant-start ballast, please stop and contact the manufacturer. Otherwise proceed to step 2.

2. Remove the existing fluorescent lamps from the luminaire.
3. Install the Philips LED T8 InstantFit lamp (one for each fluorescent lamp removed)
4. Twist the Philips LED T8 InstantFit firmly into the lamp holders
5. Switch on power to the luminaire

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**Lampholders**

**USE SHUNTED SOCKETS ONLY**

- **Rapid Start** - X
- **Non-Shunted**
- **Shunted**

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**WARNINGS, CAUTIONS AND OPERATING INSTRUCTIONS**

1. IF THE LAMP OR LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING, ETC.), IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT THE MANUFACTURER
2. RISK OF FIRE. DO NOT INSTALL IN A PRE-HEAT LUMINAIRE
3. THIS LAMP ONLY OPERATES ON ELECTRONIC BALLASTS. IF LAMP DOES NOT LIGHT WHEN THE LUMINAIRE IS ENERGIZED, REMOVE LAMP FROM LUMINAIRE AND CONTACT LAMP MANUFACTURER OR QUALIFIED ELECTRICIAN
4. THIS PRODUCT MAY CAUSE INTERFERENCE TO RADIO EQUIPMENT AND SHOULD NOT BE INSTALLED NEAR MARITIME SAFETY COMMUNICATIONS EQUIPMENT OR OTHER CRITICAL NAVIGATION OR COMMUNICATION EQUIPMENT OPERATING BETWEEN 0.45 – 30MHZ.

These devices are not intended for use with emergency exit fixtures or emergency exit lights.

Lamps must be operated within an ambient fixture temperature of -4°F (-20°C) and 113°F (45°C) to ensure UL compliance.