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Tecnolite PTL-1900/S

Tecnolite LED Ceiling Lamp User Manual

Model: PTL-1900/S

1. Product Overview

The Tecnolite PTL-1900/S is a decorative LED luminaire designed for interior use, specifically for surface mounting on ceilings. This circular lamp features a satin finish and is compatible with E27 base bulbs, with A19 LED lamps being suggested for optimal performance. It operates on a voltage range of 100-240V, making it versatile for various electrical systems. The product is crafted from durable aluminum and includes features such as touch control and high efficiency.



Image 1.1: Tecnolite PTL-1900/S LED Ceiling Lamp and its retail packaging.



Image 1.2: Example of Tecnolite LED ceiling lamps installed in various indoor settings, highlighting their discrete illumination.

Key Features:

- **Decorative Design:** Enhances interior aesthetics with a contemporary satin finish.
- **Versatile Application:** Suitable for various indoor spaces including living rooms, bedrooms, and hallways.
- **E27 Base Compatibility:** Allows for flexible bulb choices, with A19 LED lamps recommended.
- **Energy Efficiency:** Designed for high efficiency, contributing to energy savings.
- **Durable Construction:** Made from aluminum for longevity.

2. Setup and Installation

This section provides general guidelines for the installation of your Tecnolite PTL-1900/S ceiling lamp. For detailed, step-by-step instructions, please refer to the specific instruction manual included in your product packaging. Professional installation is recommended for electrical fixtures.

Safety Precautions:

- Always disconnect power at the circuit breaker before beginning any electrical installation.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not exceed the specified voltage (100-240V) or wattage for the lamp.
- Handle the lamp and bulb with care to avoid damage.

Installation Steps (General):

1. **Prepare the Installation Area:** Ensure the ceiling surface is clean, dry, and structurally sound to support the lamp's weight.

2. **Mount the Fixture:** Secure the lamp's mounting bracket to the ceiling using appropriate screws and anchors.
3. **Connect Wiring:** Connect the lamp's electrical wires to the household wiring according to the included diagram (typically live to live, neutral to neutral, and ground to ground).
4. **Attach the Lamp Body:** Secure the main body of the lamp to the mounting bracket.
5. **Install the Bulb:** Insert an E27 base bulb (A19 LED recommended) into the lamp socket.
6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.



Image 2.1: The lamp's dimensions (290mm diameter, 95mm height) are shown relative to a hand, aiding in planning installation space.

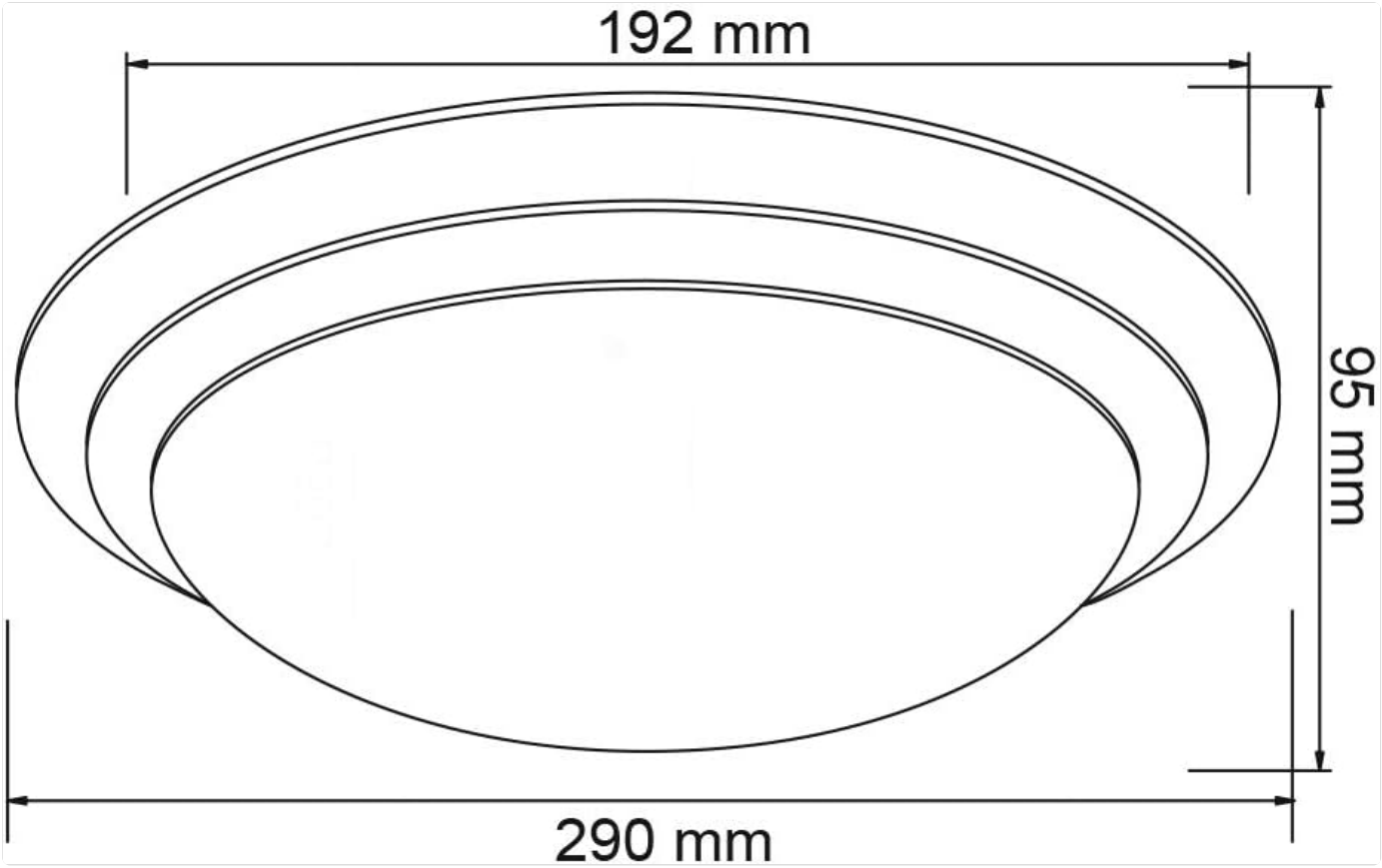

Image 2.2: Technical drawing providing precise measurements (290mm diameter, 95mm height, 192mm inner diameter) for accurate installation.

3. Operating Instructions

Operating the Tecnolite PTL-1900/S ceiling lamp is straightforward once installed.

Turning On/Off:

The lamp is controlled by a standard wall switch connected to its electrical circuit. Simply toggle the wall switch to turn the lamp on or off.

Bulb Information:

- **Bulb Type:** The lamp uses an E27 base bulb.
- **Recommended Bulb:** An A19 LED lamp is suggested for optimal light output and energy efficiency.
- **Wattage:** The lamp is designed for efficient operation with LED bulbs. Refer to the bulb's specifications for its wattage.



Image 3.1: The choice of E27 bulb allows for various light temperatures (e.g., 3000K warm, 4000K white, 6500K daylight) to suit different preferences and environments.



Image 3.2: Utilizing LED bulbs with this fixture provides significant energy savings (75-90%) and a long operational lifespan.

4. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Tecnolite PTL-1900/S ceiling lamp.

Cleaning:

- Before cleaning, always ensure the lamp is turned off and has cooled down.
- Use a soft, dry, or slightly damp cloth to wipe the exterior surfaces.
- Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the satin finish and other components.

Bulb Replacement:

- Ensure the lamp is turned off and cool before attempting to replace the bulb.
- Carefully unscrew the old E27 bulb from the socket.
- Screw in the new E27 bulb (A19 LED recommended) until it is snug. Do not overtighten.
- Dispose of old bulbs responsibly according to local regulations.

5. Troubleshooting

If you encounter issues with your Tecnolite PTL-1900/S ceiling lamp, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Lamp does not turn on.	No power to the fixture, loose wiring, faulty bulb, faulty switch.	Check circuit breaker. Ensure all wiring connections are secure. Replace bulb with a known working one. Test the wall switch.
Light is dim or flickers.	Incorrect bulb type/wattage, loose bulb, voltage fluctuations.	Ensure recommended A19 LED bulb is used. Tighten bulb. Consult an electrician if voltage issues are suspected.
Lamp makes buzzing noise.	Incompatible dimmer switch (if applicable), loose wiring.	Ensure dimmer switch is compatible with LED bulbs. Check wiring connections.

If the problem persists after attempting these solutions, please contact a qualified electrician or Tecnolite customer support.

6. Specifications

Detailed technical specifications for the Tecnolite PTL-1900/S LED Ceiling Lamp:

Specification	Detail
Manufacturer	Tecnolite
Model Number	PTL-1900/S
Size	1 Unit (Pack of 1)
Color	Satin
Style	Contemporary
Material	Aluminum
Power Source	Electric
Voltage	127 Volts (Note: Product description states 100-240V, check product label for exact range)
Wattage	6E+1 (This value seems unusual, likely a typo or specific internal code. Refer to bulb wattage.)
Item Package Quantity	1
Bulb Type	LED (E27 base, A19 LED suggested)
Luminous Flux	800 lumen (This refers to the bulb's output, not the fixture itself)
Special Features	Touch control, high efficiency

Specification	Detail
Usage	Indoor use only
Included Components	Luminaire, instruction manual
Batteries Required?	No
Product Dimensions (L x W x H)	29 x 29 x 9.5 cm; 990 g
First Available Date	January 1, 2018



Image 6.1: Side profile of the Tecnolite PTL-1900/S lamp, showcasing its compact design.

7. Warranty and Support

Tecnolite products are designed for quality and durability. For specific warranty information, please refer to the documentation included with your product or visit the official Tecnolite website.

Return Policy:

This product typically comes with a 30-day return policy from the date of purchase. Please check with your retailer for their specific return and refund/replacement terms.

Extended Protection Plans:

Extended warranty options may be available through third-party providers. For example, Assurant offers 3-year and 4-year extended home improvement warranties for products in this price range.

- **Assurant - 3 Year Home Improvement Extended Warranty:** Covers products in the $500 - $999.99 MXN range.
- **Assurant - 4 Year Home Improvement Extended Warranty:** Covers products in the $500 - $999.99 MXN range.

For technical support or further assistance, please contact Tecnolite customer service or visit their official brand store online.
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