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› Truck-Lite 26330 License Lamp User Manual

Truck-Lite 26330

Truck-Lite 26330 License Lamp User Manual

Model: 26330 | Brand: Truck-Lite

1. PRODUCT OVERVIEW

The Truck-Lite 26330 License Lamp is designed for robust performance in various vehicle applications. It features an extra rugged cadmium-plated steel housing and a screw lock cover for easy bulb replacement. This lamp is ideal for illuminating license plates, instrument panels, or steps. It is designed for surface mounting and grounds through its mounting screw. This unit replaces Signal-Stat 431W.



Figure 1: Truck-Lite 26330 License Lamp

This image displays the Truck-Lite 26330 License Lamp. It features a durable chrome-plated cylindrical housing, designed for surface mounting. A flat metal bracket extends from the base, with pre-drilled holes for secure attachment. Electrical wires, bundled

with an orange tie, extend from the rear of the unit, ready for connection. The light is ideal for illuminating license plates or as general utility lighting.

2. SPECIFICATIONS

Feature	Detail
Brand	Truck-Lite
Model Number	26330
Housing Material	Cadmium-plated steel
Lens Material	Polycarbonate
Lens Color	Red
Mounting Type	Surface mount
Grounding	Through mounting screw
Special Features	Waterproof
Item Weight	2.88 ounces (0.091 kg)
Product Dimensions (L x W x H)	14.11 x 9.93 x 5.56 inches (2.5 x 7.6 x 12.7 cms package)
Assembly Required	Yes
Replaces	Signal-Stat 431W

3. SETUP AND INSTALLATION

Proper installation ensures optimal performance and longevity of your Truck-Lite 26330 License Lamp. This lamp is designed for surface mounting.

3.1 Tools and Materials Required

- Drill with appropriate drill bits
- Screwdriver (Phillips or flathead, depending on mounting screws)
- Wire strippers/crimpers
- Electrical connectors (e.g., butt connectors, spade terminals)
- Multimeter (for testing electrical connections)
- Mounting screws (not included, ensure suitable for application)

3.2 Installation Steps

1. **Disconnect Power:** Before beginning any electrical work, ensure the vehicle's battery is disconnected to prevent electrical shock or short circuits.
2. **Select Mounting Location:** Choose a flat, stable surface for mounting the lamp. Ensure the location provides adequate clearance for the lamp and its illumination. The lamp is designed for license plate illumination, so position it accordingly.
3. **Mark Drilling Points:** Use the lamp's mounting bracket as a template to mark the screw hole locations on the chosen surface. The screw hole diameter is 0.250 inches.

4. **Drill Pilot Holes:** Drill pilot holes at the marked locations. Ensure the drill bit size is appropriate for your mounting screws to prevent stripping or cracking the mounting surface.
5. **Mount the Lamp:** Secure the lamp to the surface using appropriate mounting screws. Ensure the lamp is firmly attached and does not wobble. The lamp grounds through one of its mounting screws, so ensure good metal-to-metal contact with a grounded surface or chassis.
6. **Wire the Lamp:** Connect the lamp's electrical wire to the vehicle's power source for the license plate light circuit. Use appropriate electrical connectors and ensure all connections are secure and insulated. If the lamp has two wires, one is typically for power and the other for ground. If it has one wire, it's typically power, and the lamp grounds through its mounting. This model grounds through the screw.
7. **Test Functionality:** Reconnect the vehicle's battery. Turn on the vehicle's lights to verify that the license lamp illuminates correctly.

4. OPERATION

The Truck-Lite 26330 License Lamp operates in conjunction with your vehicle's lighting system. Once properly installed and wired, the lamp will illuminate when the vehicle's parking lights or headlights are activated, depending on how it is wired into the vehicle's electrical system. No user interaction is required for its operation beyond the vehicle's standard light controls.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your license lamp.

5.1 Cleaning

Periodically clean the lamp's lens and housing with a soft cloth and mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish or lens material. Ensure the lamp is dry before operating.

5.2 Bulb Replacement

The Truck-Lite 26330 features a screw lock cover for easy bulb replacement.

1. **Disconnect Power:** Always disconnect power to the lamp before attempting bulb replacement.
2. **Remove Cover:** Unscrew or unlatch the screw lock cover to access the bulb.
3. **Remove Old Bulb:** Carefully remove the old bulb from its socket.
4. **Insert New Bulb:** Insert a new, compatible bulb into the socket. Ensure it is seated correctly.
5. **Replace Cover:** Securely reattach the screw lock cover.
6. **Test:** Reconnect power and test the lamp's functionality.

6. TROUBLESHOOTING

If your Truck-Lite 26330 License Lamp is not functioning as expected, consider the following common issues and solutions:

- **Lamp Does Not Light Up:**
 - Check the bulb: The bulb may be burnt out. Replace it as described in Section 5.2.
 - Check electrical connections: Ensure all wires are securely connected and not corroded. Verify proper voltage at the lamp's power wire using a multimeter.

- Check grounding: Since the lamp grounds through its mounting screw, ensure there is good metal-to-metal contact with a clean, unpainted, grounded surface.
- Check vehicle fuse: A blown fuse in the vehicle's lighting circuit can prevent the lamp from receiving power. Consult your vehicle's owner's manual for fuse box location and relevant fuse.

- **Lamp Flickers:**

- Loose bulb: Ensure the bulb is firmly seated in its socket.
- Loose wiring: Check for any loose or intermittent electrical connections.
- Corrosion: Inspect connections for corrosion and clean if necessary.

- **Dim Illumination:**

- Low voltage: Verify the voltage supply to the lamp.
- Dirty lens: Clean the lamp lens as described in Section 5.1.
- Incorrect bulb: Ensure the correct wattage and type of bulb is installed.

If issues persist after performing these checks, it may indicate a fault with the lamp itself or a more complex electrical issue in the vehicle. Professional assistance may be required.

7. SAFETY INFORMATION

Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

Always disconnect power before installation or maintenance. Ensure all electrical connections are properly insulated to prevent short circuits. Use appropriate personal protective equipment during installation.

8. WARRANTY AND SUPPORT

Information regarding the specific warranty terms for the Truck-Lite 26330 License Lamp is not provided within this manual. For warranty claims, technical support, or further inquiries, please contact Truck-Lite customer service directly or refer to the official Truck-Lite website. Please have your product model number (26330) and purchase information available when contacting support.

Manufacturer: Truck-Lite Co.

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