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> ProLume PL26D/E/50/ECO Compact Fluorescent Lamp Instruction Manual

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Model: PL26D/E/50/ECO | Brand: Halco

1. PRODUCT OVERVIEW

The Halco ProLume PL26D/E/50/ECO is a 26-watt compact fluorescent lamp (CFL) designed for various lighting applications. This double-tube lamp features a G24Q-3 base and emits 1800 lumens of 5000K (cool white) light. It is engineered for efficiency and provides consistent illumination for both indoor and outdoor environments, unaffected by ambient temperature fluctuations. Its design incorporates lead-free glass and end-of-life protection for enhanced safety and reduced maintenance.





Figure 1: ProLume PL26D/E/50/ECO Compact Fluorescent Lamp. This image shows the double-tube design and the G24Q-3 base of the lamp.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Always disconnect power to the fixture before installing, removing, or servicing the lamp. Ensure your hands are dry when handling the lamp.
- **Lamp Type Compatibility:** Use this lamp only in fixtures designed for G24Q-3 base compact fluorescent lamps and with compatible electronic ballasts. Using an incompatible ballast or fixture may damage the lamp or cause a fire hazard.
- **Handling:** Handle the lamp by its plastic base, not the glass tubes, to avoid breakage and potential injury.

- **Disposal:** Fluorescent lamps contain small amounts of mercury. Dispose of lamps according to local, state, and federal regulations. Do not dispose of in regular household waste. Recycling facilities are often available.
- **Operating Environment:** This lamp is suitable for both indoor and outdoor use. Ensure the fixture provides adequate protection from direct water exposure if used outdoors.

3. SETUP AND INSTALLATION

Follow these steps for safe and proper installation of your ProLume PL26D/E/50/ECO lamp:

1. **Power Off:** Turn off the power to the light fixture at the circuit breaker or fuse box before beginning installation.
2. **Remove Old Lamp (if applicable):** If replacing an existing lamp, allow it to cool completely. Gently twist and pull the old lamp straight out from the fixture's socket.
3. **Inspect Fixture:** Ensure the fixture's socket is clean and free of debris. Verify that the fixture is designed for a G24Q-3 base CFL.
4. **Insert New Lamp:** Align the four pins on the base of the new ProLume PL26D/E/50/ECO lamp with the corresponding slots in the fixture's G24Q-3 socket. Gently push the lamp straight into the socket until it is fully seated and secure. Do not force the lamp.



Figure 2: G24Q-3 Base Diagram. This diagram illustrates the pin configuration of the G24Q-3 base, essential for proper alignment during installation.

5. **Restore Power:** Once the lamp is securely installed, restore power to the fixture at the circuit breaker or fuse box.
6. **Test:** Turn on the light switch to confirm the lamp is functioning correctly.

4. OPERATING INSTRUCTIONS

The ProLume PL26D/E/50/ECO lamp operates like any standard light bulb once installed. Simply use the wall switch or fixture control to turn the light on or off. This lamp provides instant illumination and reaches full brightness quickly.

- **Light Output:** Emits 1800 lumens of light.
- **Color Temperature:** Produces 5000 Kelvin (K) light, which is a cool white light, often described as daylight.
- **Dimming:** This lamp is not designed for use with dimmers unless explicitly stated on the fixture or ballast. Using it with an incompatible dimmer may damage the lamp or ballast.

5. MAINTENANCE

The ProLume PL26D/E/50/ECO lamp is designed for low maintenance. Regular cleaning and timely replacement are the primary maintenance tasks.

- **Cleaning:** Ensure the lamp is cool and the power is off before cleaning. Gently wipe the glass tubes with a soft, dry, lint-free cloth. Do not use liquid cleaners or abrasive materials, as they may damage the lamp.
- **Replacement:** Replace the lamp when it reaches the end of its operational life, indicated by flickering, dimming, or failure to illuminate. Follow the installation steps in Section 3 for replacement.

6. TROUBLESHOOTING

If you experience issues with your ProLume PL26D/E/50/ECO lamp, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lamp does not light up.	<ul style="list-style-type: none">• No power to the fixture.• Lamp not properly seated.• Lamp has reached end of life.• Incompatible or faulty ballast.	<ul style="list-style-type: none">• Check circuit breaker/fuse.• Ensure lamp is fully inserted into socket.• Replace lamp.• Consult a qualified electrician to check/replace ballast.
Lamp flickers or dims.	<ul style="list-style-type: none">• Lamp nearing end of life.• Loose connection.• Incompatible dimmer or faulty ballast.	<ul style="list-style-type: none">• Replace lamp.• Ensure lamp is securely seated.• Remove dimmer or consult electrician for ballast check.
Lamp makes buzzing noise.	<ul style="list-style-type: none">• Faulty ballast.• Loose wiring in fixture.	<ul style="list-style-type: none">• Consult a qualified electrician to check/replace ballast or wiring.

7. SPECIFICATIONS

Detailed specifications for the ProLume PL26D/E/50/ECO lamp:

Attribute	Value
Brand	Halco
Model Name	ProLume
Part Number	PL26D/E/50/ECO
Light Type	CFL (Compact Fluorescent Lamp)
Light Source Type	CFL, Fluorescent
Wattage	26 watts
Light Source Wattage	26 Watts
Power Consumption	26 Watts
Brightness	1800 Lumen
White Brightness	1800 Lumens
Color Temperature	5000 Kelvin

Attribute	Value
Light Color	cool white / Natural White
Color Rendering Index (CRI)	82
Bulb Shape Size	T4
Shape	T4
Base Type	G24Q-3 (implied by model number and images)
Material	Glass
Specific Uses For Product	Lamp, Wall sconces, Down Lighting, Task Lighting, Security
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	Corded Electric
Efficiency	High Efficiency
Item Weight	0.3 Pounds / 4.8 ounces
Product Dimensions	6.5 x 12.2 x 1 inches
Unit Count	1.0 Count
Item Package Quantity	1
Manufacturer	Halco Lighting Technologies
UPC	807154190966
Global Trade Identification Number (GTIN)	00807154190966
First Available Date	September 20, 2007

8. WARRANTY AND SUPPORT

For specific warranty information regarding your ProLume PL26D/E/50/ECO lamp, please refer to the documentation provided with your purchase or contact Halco Lighting Technologies directly. General product support and technical assistance can be obtained through the manufacturer's official channels.

Halco Lighting Technologies Contact:

- **Website:** www.halcolighting.com (Please note: This is a general example, actual contact details may vary and should be verified.)
- Refer to your product packaging or the Halco website for the most current contact information and support resources.

