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> LEDLUX BA15D LED Boat Lamp User Manual (12V/24V, 4W, 3000K)

LEDLUX BA15D (RE1541C)

LEDLUX BA15D LED Boat Lamp User Manual

Model: BA15D (RE1541C)

1. PRODUCT OVERVIEW

The LEDLUX BA15D LED Boat Lamp is designed for marine applications, offering efficient and durable lighting. This lamp features a BA15D bayonet base, making it compatible with various boat lighting fixtures. It operates on both 12V and 24V systems and provides a warm white light at 3000K with a power consumption of 4W.

- **Socket Type:** BA15D (B15D, G18) bayonet base with straight feet.
- **Voltage Compatibility:** Operates on both 12V and 24V DC systems.
- **Color Temperature:** Warm white 3000K.
- **Wattage:** 4W.
- **Application:** Designed as an LED boat light.



Figure 1: Front view of the LEDLUX BA15D LED Boat Lamp, showing the BA15D base and the LED array.

2. SETUP AND INSTALLATION

Follow these steps to safely install your LEDLUX BA15D LED Boat Lamp:

1. **Safety First:** Ensure the power supply to the lighting fixture is completely turned off before beginning

installation. This prevents electrical shock.

2. **Remove Old Bulb:** Carefully remove the existing bulb from the fixture. Allow it to cool if it was recently in use.
3. **Insert New LED Lamp:** Align the two pins on the BA15D base of the LEDLUX lamp with the slots in the fixture's socket. Gently push the lamp into the socket and twist clockwise until it locks securely into place.
4. **Verify Connection:** Ensure the lamp is firmly seated and does not wobble.



Figure 2: Side view of the LEDLUX BA15D LED Boat Lamp, illustrating the bayonet base and internal LED components.

3. OPERATING INSTRUCTIONS

Once installed, operating the LEDLUX BA15D LED Boat Lamp is straightforward:

1. **Restore Power:** Turn on the power supply to the lighting fixture.
2. **Activate Light:** Use the boat's standard light switch to turn the lamp on or off.

The lamp is designed for instant illumination and does not require any warm-up time.



Figure 3: Angled view of the LEDLUX BA15D LED Boat Lamp, showcasing its compact design and BA15D fitting.

4. MAINTENANCE

The LEDLUX BA15D LED Boat Lamp requires minimal maintenance due to its durable LED technology. However, periodic checks can ensure optimal performance:

- **Cleaning:** If the lamp's surface becomes dirty, gently wipe it with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Connection Check:** Periodically inspect the lamp's connection in the socket to ensure it remains secure, especially after periods of heavy vibration or movement.
- **Environmental Protection:** Ensure the fixture housing remains sealed to protect the lamp from excessive

moisture or salt spray, which can degrade performance over time.

5. TROUBLESHOOTING

If your LEDLUX BA15D LED Boat Lamp is not functioning as expected, consider the following:

Problem	Possible Cause	Solution
Lamp does not light up	No power to the fixture	Check the boat's electrical system, fuses, and switch. Ensure power is on.
Lamp does not light up	Loose connection	Turn off power, then re-seat the lamp firmly in the socket.
Lamp does not light up	Faulty lamp	Replace the lamp with a new one to confirm if the lamp itself is defective.
Lamp flickers	Unstable power supply or loose connection	Check the boat's electrical system for voltage fluctuations. Re-seat the lamp.

6. SPECIFICATIONS

Specification	Value
Brand	LEDLUX
Part Number	RE1541C
ASIN	B01FWEO702
Light Source Type	LED
Lamp Base	BA15D
Voltage	12V / 24V DC
Wattage	4 Watt
Color Temperature	3000 Kelvin (Warm White)
Package Dimensions	5.9 x 2.8 x 2.5 cm
Package Weight	0.02 g
Energy Efficiency Class	G
Energy Consumption	3 kWh/1000h

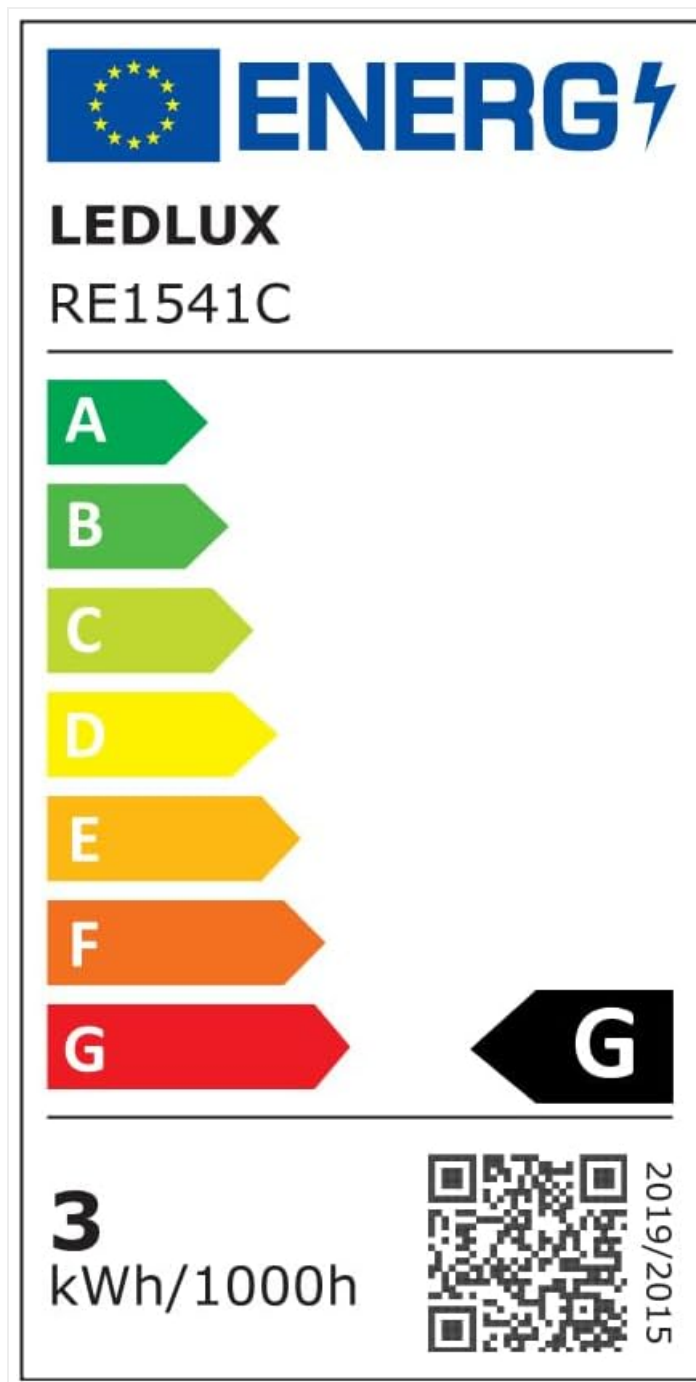


Figure 4: Energy efficiency label for the LEDLUX RE1541C bulb, showing a 'G' rating and 3 kWh/1000h consumption. For more details, visit the [EPREL database](#).

7. WARRANTY AND SUPPORT

Specific warranty information for the LEDLUX BA15D LED Boat Lamp is not provided in the product details. For warranty claims or technical support, please refer to the retailer where the product was purchased or contact LEDLUX directly through their official channels.