



[Manuals.plus](#) /

› [BIRITALO](#) /

› BIRITALO 240W LED Parking Lot Light Outdoor Instruction Manual

BIRITALO 1517

BIRITALO 240W LED Parking Lot Light Outdoor Instruction Manual

Model: 1517 | Brand: BIRITALO

1. PRODUCT OVERVIEW

The BIRITALO 240W LED Parking Lot Light is designed for outdoor commercial and residential applications, providing high-intensity illumination with energy efficiency. This fixture features a durable construction, IP65 waterproof rating, and a dusk-to-dawn photocell sensor for automated operation. It is suitable for lighting parking lots, streets, yards, barns, and driveways.



Image 1.1: BIRITALO 240W LED Parking Lot Light with its components.

2. SAFETY INFORMATION

- Always disconnect power before installation or servicing.
- Installation should be performed by a qualified electrician in accordance with local electrical codes.
- Ensure the mounting surface can support the weight of the fixture.
- Do not look directly into the LED light source when illuminated.
- Operating voltage: 85-277V AC. Verify your power supply matches this requirement.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x 240W LED Parking Lot Light Fixture
- 1 x Dusk to Dawn Photocell Sensor
- 1 x Instruction Manual
- Mounting Hardware (e.g., wiring caps, bolts)
- Built-in UL Listed LED Driver



Image 3.1: Product dimensions and package contents.

4. INSTALLATION INSTRUCTIONS

The BIRITALO 240W LED Parking Lot Light supports slip fitter pole mounting. Assembly is required.

4.1 Slip Fitter Pole Mount Installation

1. **Prepare the Pole:** Ensure the pole is sturdy and capable of supporting the fixture's weight. The slip fitter is designed

for standard pole sizes.

2. **Attach the Slip Fitter:** Slide the slip fitter bracket onto the pole. Secure it firmly using the provided bolts and nuts.

3. **Connect Wiring:**

- Connect the **Black** wire from the fixture to the Live (L) wire of your power supply.
- Connect the **White** wire from the fixture to the Neutral (N) wire of your power supply.
- Connect the **Green** wire from the fixture to the Ground (PG) wire of your power supply.
- Use appropriate wiring caps to secure all connections.

4. **Install Photocell Sensor:** If using the dusk-to-dawn feature, screw the blue photocell sensor into the designated port on the fixture. Ensure it is tightened securely.

5. **Adjust Angle:** The pole mount bracket can be adjusted up to 180 degrees. Loosen the adjustment bolts, set the desired illumination angle, and then securely tighten the bolts. Ensure the photocell sensor is not obstructed.

6. **Restore Power:** Once installation is complete and all connections are secure, restore power to the circuit.

17 YEARS OF FOCUS ON THE SOURCE FACTORY OF THE LIGHTING INDUSTRY

Affordable and Trustworthy

5-hour rainstorm simulation test Aging Test Integral Ball Test

Why Choose BIRATALO?

- 1 Multiple quality tests, reassuring products
- 2 Excellent design team
- 3 24x7 service team
- 5 YEAR SUPPORT

Image 4.1: Installation steps for pole mounting and wiring.

Upgraded 240W LED parking lot light	Solar parking lot light
70000H+ Lifespan	<10000H Lifespan
Built in UL Listed IP66 waterproof LED driver	Unable to illuminate on rainy days

The image shows two parking lot light poles in a rainy environment. The left pole is illuminated, while the right pole is not. A circular inset on the left shows a UL Listed LED driver, and a circular inset on the right shows a solar panel with a red 'X' over it, indicating it is not functional in the rain.

Image 4.2: Adjustable slip fitter mount for optimal light direction.

5. OPERATING INSTRUCTIONS

5.1 Dusk-to-Dawn Functionality

The included photocell sensor enables automatic operation of the light fixture. When installed, the sensor detects ambient light levels:

- The light will automatically turn **ON** at dusk when natural light diminishes.
- The light will automatically turn **OFF** at dawn when natural light returns.

Ensure the photocell sensor is not obstructed by objects, dirt, or other light sources, as this can interfere with its proper function.

Dusk to Dawn Photocell sensor

💡 Save 85% of electricity bills

Easy to damage vs Cannot be replaced

Auto-Off at Dawn

Auto-on at Dusk

Image 5.1: Dusk-to-Dawn photocell sensor operation.

6. MAINTENANCE

The BIRITALO 240W LED Parking Lot Light is designed for minimal maintenance due to its durable construction and IP65 waterproof rating.

- **Cleaning:** Periodically clean the lens and housing with a soft, damp cloth to remove dirt and debris. Avoid abrasive cleaners that could damage the finish or lens.
- **Inspection:** Regularly inspect the fixture and mounting hardware for any signs of damage, corrosion, or loose connections. Address any issues promptly.
- **Heat Dissipation:** The fixture features an efficient heat dissipation design. Ensure that the heat fins on the back of the unit are not obstructed to maintain optimal performance and lifespan.



Image 6.1: Efficient heat dissipation design.

7. TROUBLESHOOTING

If you encounter issues with your BIRITALO LED Parking Lot Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, faulty wiring, defective photocell, or fixture issue.	Check power supply and circuit breaker. Verify all wiring connections are secure. Ensure photocell is not obstructed or defective. If issues persist, contact support.
Light stays on during the day.	Photocell sensor obstructed or faulty.	Ensure the photocell sensor is clean and free from obstructions. Verify it is receiving sufficient daylight. Replace photocell if necessary.
Light flickers or dims.	Unstable power supply, loose wiring, or internal component issue.	Check power supply stability. Inspect wiring for loose connections. If flickering continues, contact support.

8. SPECIFICATIONS

Feature	Detail
Model Number	1517
Wattage	240W

Feature	Detail
Brightness	36000 Lumens
Color Temperature	5000K (Daylight)
Input Voltage	85-277V AC
Water Resistance Level	IP65 Waterproof
Light Source Type	LED (SMD 3030 chips)
Material	Aluminum, Metal, Polycarbonate
Product Dimensions	20.9"L x 10.2"W x 5.2"H
Item Weight	9.44 pounds
Mounting Type	Slip Fitter Pole Mount
Special Features	Dusk to Dawn Photocell, Energy Efficient, Shock Resistant
Lifespan	70,000+ Hours
Color Rendering Index (CRI)	84

9. WARRANTY AND SUPPORT

BIRITALO provides a **7-year support** for this product, indicating a commitment to product quality and customer satisfaction. The product comes with a **Limited Warranty**.

For any questions regarding product selection, installation, or other inquiries, please contact BIRITALO customer support. Refer to the product packaging or the official BIRITALO website for contact details.