

Xbuyee Xbuyee-PKC-150W/100W/75W-50K-P(A)

Xbuyee 150W LED Parking Lot Light User Manual

Brand: Xbuyee | **Model:** Xbuyee-PKC-150W/100W/75W-50K-P(A)

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Xbuyee 150W LED Parking Lot Light. This versatile outdoor light features selectable wattage (75W/100W/150W), a dusk-to-dawn photocell sensor, and 0-10V dimming capabilities, designed for efficient and reliable area lighting. Please read this manual thoroughly before installation and use to ensure proper function and safety.

SAFETY INFORMATION

WARNING: Risk of electric shock. Installation should be performed by a qualified electrician. Disconnect power before installation or servicing.

- Ensure the power supply is turned off at the circuit breaker before beginning any work.
- Verify that the supply voltage is compatible with the fixture (100-277V AC).
- All wiring connections must be made in accordance with local and national electrical codes.
- Do not operate the fixture with damaged parts. Inspect for damage during unpacking.
- Wear appropriate personal protective equipment (PPE) during installation.
- This fixture is designed for outdoor use and is IP65 rated for protection against dust and water jets.

PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and undamaged:

- 150W LED Parking Lot Light Fixture
- Slip Fitter Mount
- Mounting Accessories (screws, wire nuts, washers)

FEATURES

- **Power Selectable:** Adjustable wattage settings of 75W, 100W, or 150W to suit various lighting needs.
- **Dusk-to-Dawn Photocell:** Integrated sensor automatically turns the light on at dusk and off at dawn. Includes a shorting cap for manual control if desired.
- **High Performance:** Delivers up to 22500 lumens at 5000K daylight with an efficacy of 150 LM/W.
- **0-10V Dimming:** Compatible with most 0-10V dimmers (not included) for adjustable brightness from 10% to 100%.
- **Durable Construction:** Die-casting aluminum housing and IP65 waterproof rating ensure longevity and resistance to harsh weather conditions.
- **Long Lifespan:** Rated for 80,000 hours of operation.
- **ETL Certified:** Ensures quality, safety, and efficiency.
- **Adjustable Mounting:** 180° adjustable slip fitter mount for flexible positioning.

SETUP AND INSTALLATION

It is recommended that installation be performed by a licensed electrician.

1. Pre-Installation Steps

1. **Power Off:** Turn off the main power supply at the circuit breaker before starting.
2. **Unpack:** Carefully remove the fixture and all components from the packaging. Inspect for any damage.
3. **Select Wattage:** Before mounting, locate the wattage selection switch on the side of the fixture. Slide the switch to your desired wattage (75W, 100W, or 150W). This setting cannot be changed easily after installation.

3 Wattages in 1 Fixture 75W 100W 150W

Easy to adjust brightness with
built-in switch during installation.



75W
100W
150W



Figure 1: Wattage selection switch location and available power options.

2. Mounting the Fixture (Slip Fitter Mount)

4. **Attach Slip Fitter:** Secure the slip fitter mount to the light fixture using the provided hardware.
5. **Mount to Pole:** Slide the slip fitter onto a standard pole (typically 2-3/8 inch diameter). Tighten the bolts on the slip fitter to secure the fixture to the pole.
6. **Adjust Angle:** The slip fitter allows for 180° adjustment. Loosen the adjustment bolts, set the desired angle for optimal light distribution, and then securely tighten the bolts.

180° Adjustable Slip Fitter Mount



Figure 2: 180° adjustable slip fitter mount for flexible light positioning.



Figure 3: Product dimensions and included mounting accessories.

3. Wiring Connections

7. **Connect AC Power:** Connect the AC power wires (Black to Line, White to Neutral, Green to Ground) from your power source to the corresponding wires on the fixture using appropriate wire connectors.
8. **Connect Dimming Wires (Optional):** If using 0-10V dimming, connect the purple (DIM+) and pink (DIM-) wires from the fixture to your 0-10V dimmer (not included). If not using dimming, cap these wires individually.
9. **Secure Connections:** Ensure all connections are tight and properly insulated.

For a visual guide on the product's features and mounting options, please watch the official product video:

Your browser does not support the video tag.

Video 1: Xbuyee Power Tunable LED Parking Lot Light Series. This video demonstrates the power selectable feature, photocell operation, IP65 rating, and various mounting options for the Xbuyee LED Parking Lot Light.

OPERATING INSTRUCTIONS

1. Power On

Once installation is complete and all connections are secure, restore power at the circuit breaker. The light will

activate according to its settings.

2. Dusk-to-Dawn Photocell Operation

The integrated photocell sensor automatically detects ambient light levels. The fixture will turn on when it gets dark and turn off when it becomes light. This provides energy-efficient operation without manual intervention.

- **To Bypass Photocell:** If you prefer manual control or wish to disable the automatic function, cover the photocell sensor with the included shorting cap. This will keep the light off during the day, allowing for manual switching.



Figure 4: Dusk-to-dawn photocell functionality and bypass option.

3. 0-10V Dimming (If Connected)

If you have connected the fixture to a compatible 0-10V dimmer, you can adjust the light output intensity from 10% to 100% using the dimmer control. This allows for customized brightness levels based on specific needs or time of day.



Figure 5: 0-10V dimming capability for adjustable light intensity.

MAINTENANCE

The Xbuyee LED Parking Lot Light is designed for minimal maintenance. However, periodic inspection and cleaning can help ensure optimal performance and longevity.

- **Cleaning:** Ensure power is off before cleaning. Gently wipe the lens and housing with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or lens.
- **Inspection:** Periodically check for any loose connections, damaged wiring, or signs of wear. Address any issues promptly.
- **Photocell:** Ensure the photocell sensor is free from dirt, debris, or obstructions that could interfere with its operation.

IP65 Waterproof

Withstand all weather conditions



100-277V



150LM/W



5000K Daylight



0-10V
Dimmable



10KV
Surge Protection



Type 3
Distribution

Type 3

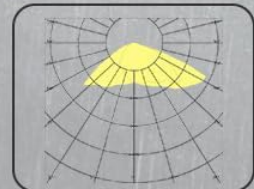
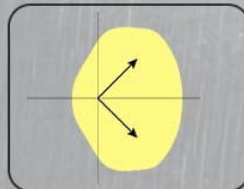


Figure 6: IP65 waterproof rating ensures durability in various weather conditions.

For all weather condition

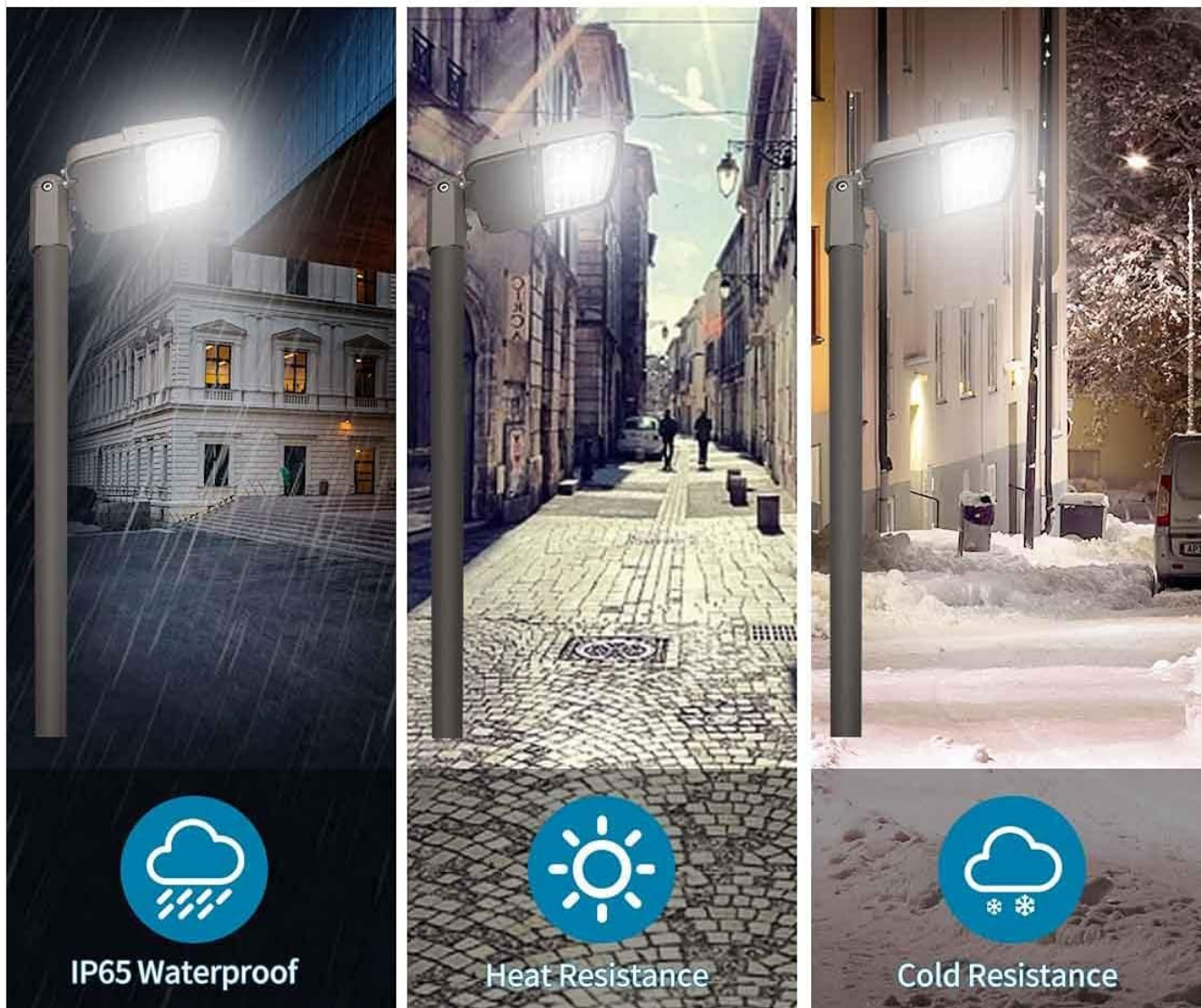


Figure 7: The light is designed to perform reliably in all weather conditions, including rain, heat, and cold.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Loose wiring; Faulty photocell; Incorrect wattage setting.	Check circuit breaker and power connections. Ensure all wires are securely connected. If photocell is covered, remove cover. Verify wattage switch is set correctly.
Light stays on during the day.	Photocell obstructed or faulty; Photocell bypass cap installed.	Ensure photocell is not obstructed by debris or external light sources. Remove the photocell bypass cap if installed.
Light flickers or dims unexpectedly.	Unstable power supply; Loose wiring; Incompatible dimmer (if applicable).	Check power supply stability. Inspect all wiring connections. Ensure 0-10V dimmer is compatible and correctly wired.

Problem	Possible Cause	Solution
Light output is lower than expected.	Incorrect wattage setting; Dimmer set too low (if applicable).	Verify the wattage selection switch is set to the desired output (e.g., 150W for maximum brightness). Adjust the dimmer to 100% if dimming is in use.

SPECIFICATIONS

Specification	Detail
Brand	Xbuyee
Model Number	Xbuyee-PKC-150W/100W/75W-50K-P(A)
Wattage	150W (Adjustable to 75W/100W/150W)
Brightness	22500 Lumen (at 150W)
Efficiency	150LM/W
Light Color	5000K Daylight
Voltage	100-277 Volts AC
Control Method	Push Button (for wattage), Photocell, 0-10V Dimming
Dimmable	Yes (0-10V)
Photocell Sensor	Dusk-to-Dawn
Water Resistance Level	IP65 Waterproof
Material	Aluminum, Polycarbonate Lens
Mounting Type	Slip Fitter Mount
Item Dimensions (L x W x H)	20.93" x 11.81" x 2.58"
Item Weight	9.5 Pounds
Certification	ETL

WARRANTY AND SUPPORT

The Xbuyee 150W LED Parking Lot Light comes with a**5-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact Xbuyee customer support through the retailer where the product was purchased or visit the official Xbuyee website for contact information.

Please retain your proof of purchase for warranty validation.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question