

Paktonvo 120W LED Wall Pack Light

Paktonvo 120W LED Wall Pack Light Instruction Manual

Model: 120W LED Wall Pack Light

Brand: Paktonvo

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Paktonvo 120W LED Wall Pack Light. Please read this manual thoroughly before installation and retain it for future reference. This LED wall pack light is designed for outdoor commercial security lighting, offering high brightness and energy efficiency.

2. PRODUCT FEATURES

- **Ultra Brightness:** Delivers 15600 lumens with a 5000K daylight color temperature and a 120-degree beam angle, suitable for various outdoor applications.
- **Durable Construction:** Features a die-casting aluminum structure and UV-resistant PC cover, ensuring excellent corrosion resistance and an IP65 waterproof rating for all-weather performance.
- **Energy Efficient:** Designed as a replacement for 1000W HPS/Halogen bulbs, capable of saving over 85% on electricity costs.
- **Dusk-to-Dawn Functionality:** Equipped with a built-in photocell sensor that automatically turns the light ON at sunset and OFF at sunrise. Includes a black cap for optional manual control.
- **Easy Installation:** Designed for quick and easy surface mounting to existing junction boxes. Supports multi-volt 120-277V input.
- **Long Lifespan:** ETL certified with an estimated lifespan of over 50,000 hours, ensuring reliable performance for more than 15 years (based on 10 hours/day usage).

120W LED Wall Pack Light

5000K Daylight White

15600Lumens



Wide Range of Application

Suitable for commercial/industrial building and outdoor areas

Image: The Paktonvo 120W LED Wall Pack Light provides wide-range illumination for commercial and industrial buildings and outdoor areas.



Wattage
120W



Voltage
100-277VAC



5000K
Daylight



Brightness
15600LM



Warranty
5years

> Product Dimension



ETL LISTED, this 5000K LED wall pack is suitable for commercial entrances, warehouse, parking lot, alleyways, building exteriors

Image: Product dimensions and specifications including 120W wattage, 100-277VAC voltage, 5000K daylight, 15600LM brightness, and 5-year warranty.

3. SAFETY INFORMATION

Please observe the following safety precautions during installation and operation:

- Always turn off the power supply at the circuit breaker before installation or maintenance.
- Ensure proper grounding to avoid electrical shock.
- Consult a qualified electrician if you are unsure about any part of the installation process.
- Do not look directly into the LED light source when it is illuminated, as it may cause eye strain or damage.
- Ensure the mounting surface can support the weight of the fixture.

4. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged:

- 1 x 120W LED Wall Pack Light fixture
- 1 x Set of Installation Accessories (screws, wire nuts, waterproof pad, black cap for photocell)
- 1 x Instruction Manual

5. SPECIFICATIONS

Feature	Specification
Brand	Paktonvo
Model Number	120W LED Wall Pack Light
Wattage	120 Watts
Brightness	15600 Lumens
Color Temperature	5000K Daylight White
Voltage	120-277 Volts AC
Material	Die-casting Aluminum, Polycarbonate
Water Resistance Level	IP65 Waterproof
Light Source	LED
Control Method	Dusk-to-Dawn Photocell (with manual override option)
Dimensions (L x W x H)	10.96" x 6.58" x 5.79"
Certification	ETL Listed
Lifespan	50,000 Hours

6. INSTALLATION INSTRUCTIONS

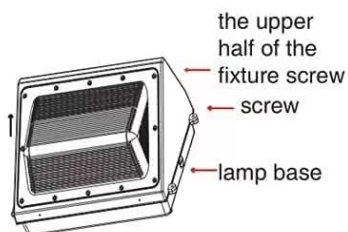
Follow these steps for proper installation of your LED Wall Pack Light. It is recommended to have a qualified electrician perform the installation.

- 1. Prepare the Fixture:** Use a screwdriver to unscrew the lamp screws and remove the upper half of the fixture. Unscrew the cover of the entry hole on the lamp base and remove the cover.
- 2. Mark Mounting Holes:** According to the embedded terminal box, punch the corresponding mounting holes on the light's mount.
- 3. Route Input Line:** Put the input line in the embedded box, passing it through the waterproof pad, and then through the lamp base.
- 4. Secure Lamp Base:** Use screws to lock the lamp base on the embedded junction box.
- 5. Connect Wiring:** Connect the input wire and the dimming wire of the light to the corresponding wires in the embedded terminal box. Ensure correct polarity: black (L+), white (N-), and green (Ground).
- 6. Connect Output Wires:** Connect the output wires of the driver with the wires of the PCB board (red to LED+, black to LED-).

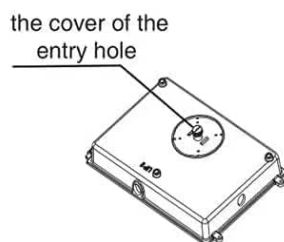
7. **Complete Installation:** Reattach the upper half of the fixture and secure all screws. The installation is complete.

Installation Instruction

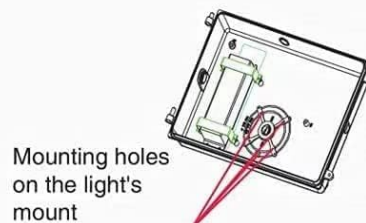
1. Use a screwdriver to unscrew the lamp screws and remove the upper half of the fixture.



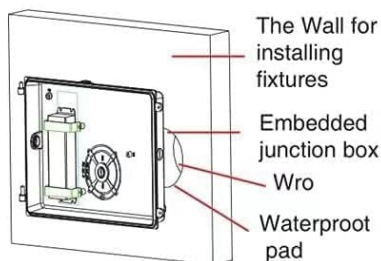
2. Unscrew the cover of the entry hole on the lamp base and remove the cover.



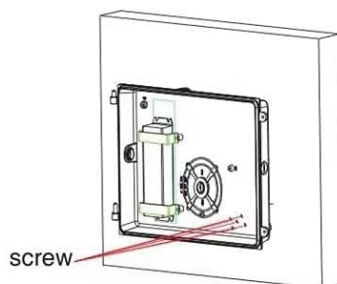
3. According to the embedded terminal box, punch the corresponding mounting hole on the light's mount.



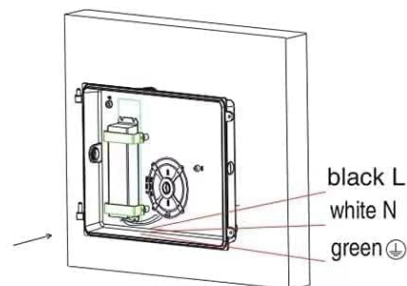
4. Put the input line in the embedded box passes through the waterproof pad and then passes through the lamp base.



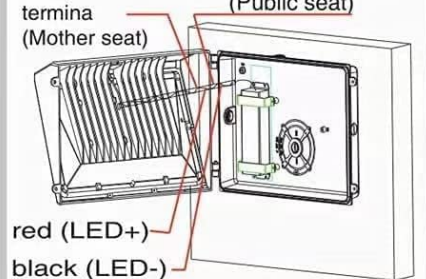
5. Use screw to lock the lamp base on the embedded junction box.



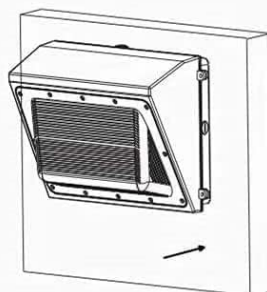
6. Connect the input wire and the dimming wire of the light, then put the connected wires into the embedded terminal box.



7. Connect the output wires of driver with the wires of PCB board.
Connection terminal (Mother seat)
Connection terminal (Public seat)



8. Use screws to lock the fixture. Installation completed.



9. The installation is complete



Image: Detailed installation instructions with diagrams for each step, from disassembling the fixture to wiring and final assembly.

7. OPERATING INSTRUCTIONS

The Paktonvo 120W LED Wall Pack Light features a built-in photocell for automatic operation and an option for manual control.

7.1. Dusk-to-Dawn Automatic Operation

The integrated photocell sensor automatically detects ambient light levels. The light will turn on when it gets dark (dusk) and turn off when it becomes bright (dawn). This is the default operating mode.

➤ Dusk to Dawn Photocell Sensor

The wallpack light automatically turn on at dusk and turn off at dawn

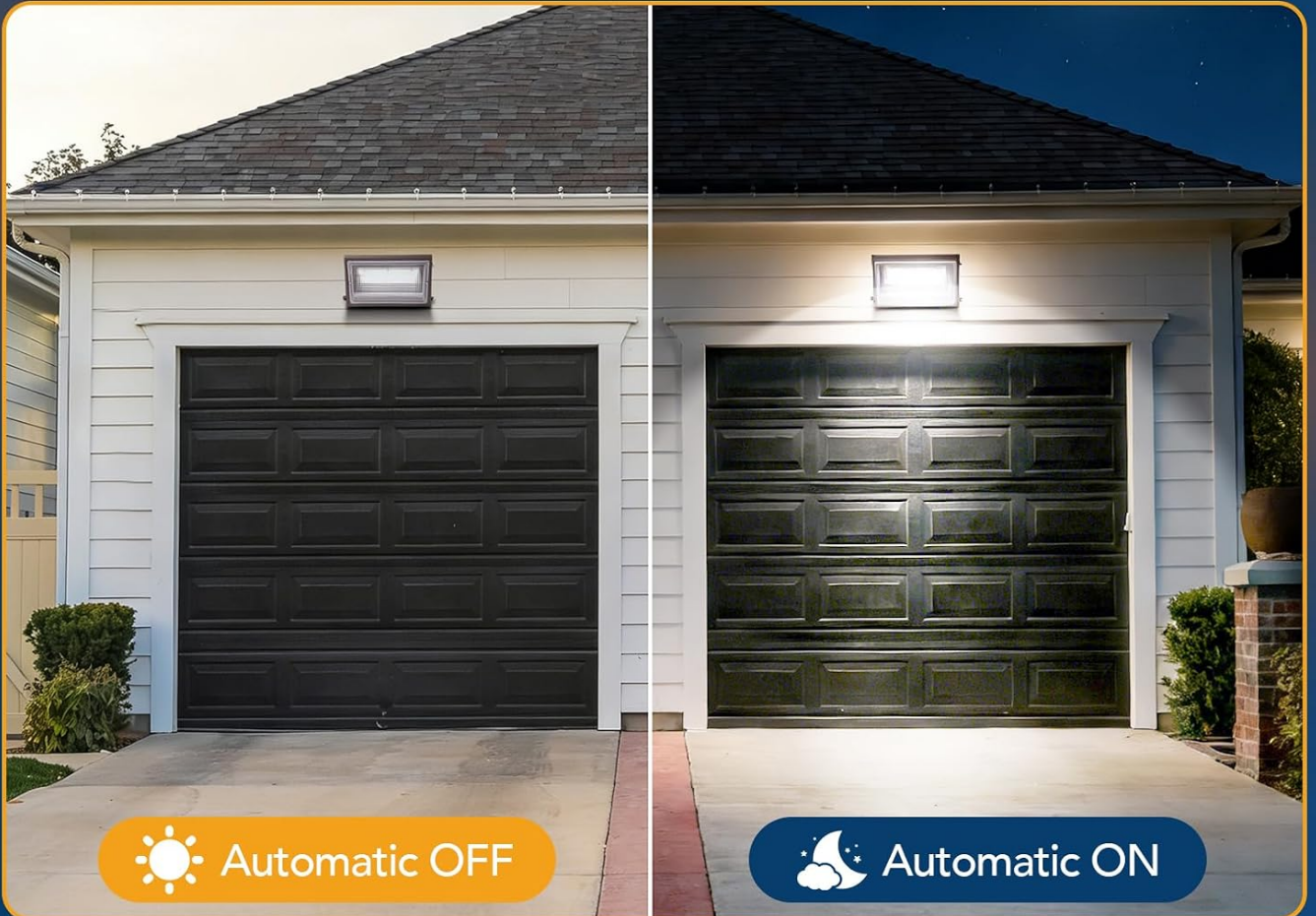


Image: The Dusk-to-Dawn photocell sensor automatically activates the light at night and deactivates it during the day.

7.2. Manual Control (Always ON)

If continuous illumination is desired, regardless of ambient light, you can override the photocell sensor. A black cap is provided in the accessories bag for this purpose. Place the black cap onto the photocell sensor to keep the fixture continuously ON.

> Dusk to Dawn & Manual Control In One

A: Dusk to Dawn



B: Manual Control-Always ON

The fixture will keep always turn on if you put black CAP onto the photocell



NOTED: the black CAP is put in the accessories bag



Image: Options for operating the light: automatic dusk-to-dawn or manual control by covering the photocell with the provided black cap.

Your browser does not support the video tag.

Video: This video demonstrates the dusk-to-dawn functionality of the LED wall pack light, showing its automatic operation based on ambient light.

Your browser does not support the video tag.

Video: A demonstration of the 120W LED Wall Pack Light, highlighting its features and brightness for outdoor use.

8. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your LED Wall Pack Light:

- **Cleaning:** Periodically clean the lens and housing with a soft, damp cloth to remove dirt, dust, or debris that may obstruct light output or the photocell sensor. Do not use abrasive cleaners.
- **Inspection:** Annually inspect the fixture for any signs of damage, loose wiring, or corrosion. Ensure all mounting

screws are tight.

- **Photocell:** Keep the photocell sensor clear of obstructions (e.g., leaves, dirt) to ensure proper dusk-to-dawn operation.

> All Weather Resistance

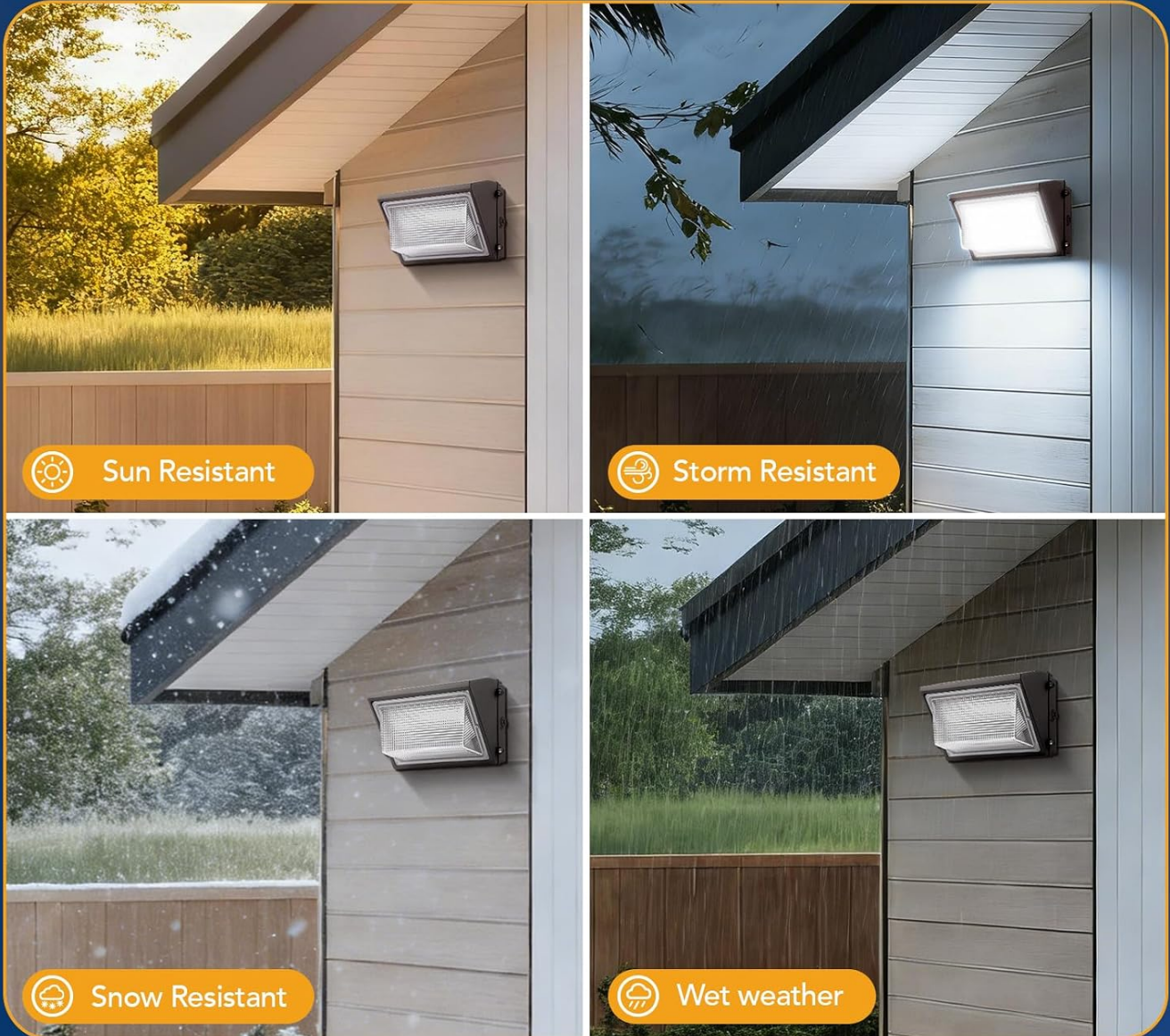


Image: The LED Wall Pack Light is designed for all-weather resistance, including sun, storm, snow, and general wet conditions, thanks to its IP65 rating.

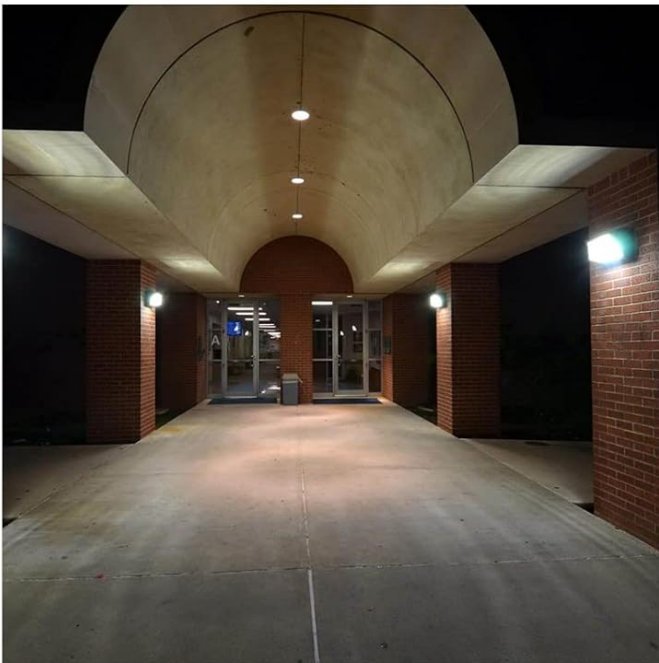


Image: Examples of the LED Wall Pack Light in use, providing security and area lighting for building exteriors, pathways, and loading docks.

9. TROUBLESHOOTING

If you encounter issues with your LED Wall Pack Light, refer to the following common problems and solutions:

- **Light does not turn on:**

- Check the power supply at the circuit breaker.
- Ensure all wiring connections are secure and correct.
- Verify the photocell sensor is not covered or obstructed if automatic mode is desired.
- If using the black cap for manual ON, ensure it is properly placed.

- **Light flickers or is dim:**

- Check for loose wiring connections.
- Ensure the input voltage is within the specified 120-277V range.

- Clean the lens of the fixture.

- **Light stays on during the day:**

- Check if the black cap is covering the photocell sensor. Remove it for automatic operation.
- Ensure the photocell sensor is not obstructed by dirt, debris, or shadows from nearby objects.

- **Light does not turn on at night:**

- Ensure the photocell sensor is not covered by the black cap.
- Verify there are no external light sources (e.g., streetlights, other fixtures) shining directly onto the photocell sensor, preventing it from activating.

10. WARRANTY AND SUPPORT

The Paktonvo 120W LED Wall Pack Light comes with a **5-year worry-free after-sales service**. We are committed to providing high-quality exterior light fixtures and constant technical support.

If you encounter any problems or have questions regarding your product, please feel free to contact us. We will provide solutions within 24/7.

For support, please refer to the contact information provided with your purchase or visit the official Paktonvo website.

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

Email

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

Details

Submit question

