kadision WP-60B-277-50K-P

kadision 60W LED Wall Pack Light with Photocell Instruction Manual

Model: WP-60B-277-50K-P

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your kadision 60W LED Wall Pack Light with Photocell. This outdoor lighting fixture is designed for commercial and residential applications, offering efficient illumination with a built-in dusk-to-dawn photocell for automatic operation.

Image: Four kadision 60W LED Wall Pack Lights, showcasing the product's design and quantity in a typical package.

SAFETY INFORMATION

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards, which could cause property damage or personal injury.

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing.
- Installation must be performed by a qualified electrician in accordance with all national and local electrical codes.
- Ensure the supply voltage is compatible with the fixture's requirements (100-277V).
- Do not handle the fixture with wet hands or when standing on wet or damp surfaces.
- This fixture is designed for outdoor use and is IP65 rated for wet locations.
- Do not attempt to modify or disassemble the fixture. There are no user-serviceable parts inside.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- kadision 60W LED Wall Pack Light (quantity as purchased, e.g., 4 units)

- Built-in Photocell (integrated)
- Integrated LEDs (pre-installed)
- Protective Pad
- Conduit Entry Plug
- Wire Nuts

SPECIFICATIONS

Feature	Specification
Model Number	WP-60B-277-50K-P
Wattage	60 Watts
Lumen Output	7800 Lumens
Color Temperature	5000K Daylight
Input Voltage	100-277V
Material	Aluminum, Polycarbonate
Finish Type	Polished Bronze
IP Rating	IP65 (Waterproof)
Lifespan	>50,000 Hours
Dimensions (L x W x H)	13.1" x 6.46" x 9.21"
Certifications	ETL/cETL Listed
Special Features	Dusk-to-Dawn Photocell, Energy Efficient, Hardwired

Image: Detailed dimensions of the kadision 60W LED Wall Pack Light, including length, width, and height measurements, along with included accessories like a protective pad, conduit entry plug, and wire nuts.

Dusk to Dawn Photocell Sensor

Light automatically turns on when photocell detects low enough ambient light levels (approx. 20lx), or conversely, turns off.

Make sure the photocell is in an area that receives daylight and not too close to reflective surfaces.

The photocell can be disabled easily by unplugging the photocell wire connector inside the fixture.

If necessary, you may relocate the photocell using one of the conduit entry holes.

Image: Close-up view highlighting the solid construction, IP65 waterproof rating, and expected lifespan of over 50,000 hours for the kadision LED Wall Pack Light.

INSTALLATION

This fixture can be mounted over an electrical junction box or directly on the wall surface using conduit entries. Ensure power is disconnected before proceeding.

Tools Required (Not Included):

- Screwdriver (Phillips and Flathead)
- Wire Strippers
- Drill (if surface mounting)
- Pencil
- Safety Glasses

Mounting Steps:

1. **Disconnect Power:** Turn off power at the circuit breaker or fuse box to avoid electrical shock.
2. **Prepare Fixture:** Open the fixture by loosening the screws on the side. The front cover will pivot open.
3. **Choose Mounting Method:**
   - **Junction Box Mount:** Align the fixture's central hole with your existing junction box. Secure the fixture to the junction box using appropriate screws (not included).
   - **Surface Conduit Mount:** Use one of the 1/2" conduit entry holes on the sides or the center hole for wiring. Mark and drill pilot holes for mounting screws (not included) if mounting directly to the wall. Ensure a secure attachment.
4. **Wiring:**
   - Connect the **black** wire from the fixture to the **live/hot** wire from the power supply.
   - Connect the **white** wire from the fixture to the **neutral** wire from the power supply.

- Connect the **green** wire from the fixture to the **ground** wire from the power supply.
- Use the provided wire nuts to secure all connections. Ensure all connections are tight and insulated.

5. **Close Fixture:** Carefully close the fixture cover and tighten the screws to ensure a watertight seal.
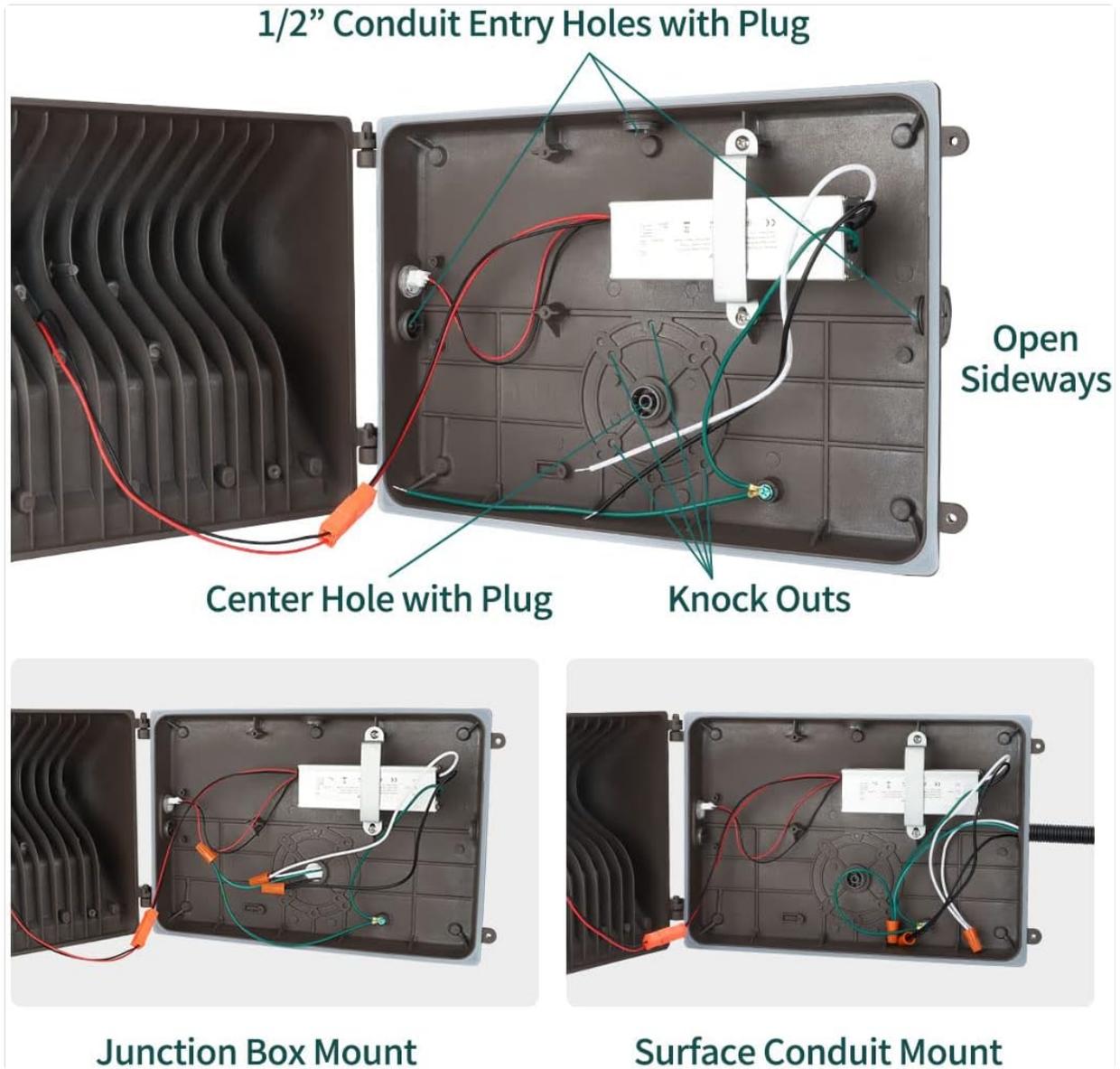6. **Restore Power:** Turn on power at the circuit breaker.

Image: Internal view of the kadision LED Wall Pack Light showing wiring connections, 1/2" conduit entry holes, a center hole with a plug, and knock-outs. Illustrations demonstrate both junction box mount and surface conduit mount wiring configurations.

Image: A diagram illustrating suggested installation heights (12ft, 15ft, 20ft) for the 60W wall pack light and the

corresponding light coverage diameter, along with a 120-degree beam angle. An example shows the light illuminating a garage area at night.

OPERATING INSTRUCTIONS

The kadision 60W LED Wall Pack Light features a built-in dusk-to-dawn photocell for automatic operation.

- **Automatic Operation:** The light will automatically turn ON when ambient light levels fall below approximately 20 lux (dusk) and turn OFF when sufficient daylight is detected (dawn).

- **Photocell Placement:** Ensure the photocell is located in an area that receives natural daylight and is not obstructed or too close to reflective surfaces, which could interfere with its operation.

- **Disabling Photocell:** If continuous operation or control via an external switch is desired, the photocell can be disabled by unplugging its wire connector inside the fixture. Refer to the wiring diagram in the Installation section.

- **Relocating Photocell:** If necessary, the photocell can be relocated using one of the conduit entry holes for optimal light sensing.

Kadision LED Wall Pack

60W REPLACING 150-200W HPS/MH

7800	5000K	IP65	Shatter	Photocell	50000h	Energy
7800 Lumens	5000K Daylight	IP65 Wet Location	Shatter Resistant	Photocell Dusk to Dawn	50000h Lifespan	Energy Saving

Image: A close-up view of the built-in dusk-to-dawn photocell on the kadision LED Wall Pack Light, illustrating its function to automatically turn the light on at dusk and off at dawn.

Built-in Dusk to Dawn Photocell
Automatically turn on at dusk and off at dawn

Image: A diagram illustrating the photocell sensor's operation, showing the light automatically turning off during the daytime and on during nighttime. Text explains that the light activates when ambient light levels are low (approx. 20lx) and deactivates when the sun rises. It also provides instructions for disabling or relocating the photocell.

MAINTENANCE

The kadision LED Wall Pack Light is designed for minimal maintenance. However, periodic cleaning and inspection can ensure optimal performance and longevity.

- **Cleaning:** Periodically clean the lens and exterior housing with a soft, damp cloth to remove dirt, dust, and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the fixture for any signs of damage, loose wiring, or corrosion. Ensure all mounting screws are tight.
- **LEDs:** The integrated LEDs are designed for a long lifespan and are not user-replaceable.
- **Photocell:** Ensure the photocell sensor remains clear of obstructions (e.g., leaves, dirt) to maintain proper dusk-to-dawn functionality.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	No power, faulty wiring, photocell obstructed or malfunctioning.	Check circuit breaker. Verify wiring connections. Clear any obstructions from the photocell. Ensure photocell is not disabled.
Light stays on during the day.	Photocell obstructed, photocell malfunctioning, or photocell disabled.	Clear any obstructions from the photocell. Ensure the photocell is receiving sufficient daylight. Check if the photocell is accidentally disabled.
Light flickers or cycles on/off.	Unstable power supply, loose wiring, or photocell interference.	Ensure stable power supply. Check all wiring connections for tightness. Relocate the fixture or clear objects that might cast shadows or reflect light onto the photocell.
Reduced light output.	Dirty lens.	Clean the lens with a soft, damp cloth.

If troubleshooting steps do not resolve the issue, contact customer support.

WARRANTY AND SUPPORT

kadision provides a **5-Year Warranty** for this product. This warranty covers defects in materials and workmanship under normal use.
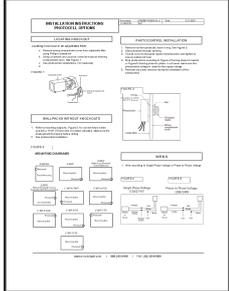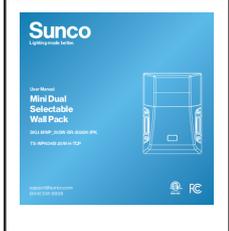
For warranty claims, technical assistance, or any questions regarding your product, please contact kadision customer service directly via Amazon's Buyer-Seller Messaging Service. Please have your purchase details and model number (WP-60B-277-50K-P) available when contacting support.

For more information, visit the official kadision store on Amazon:kadision Store

Related Documents - WP-60B-277-50K-P

Sunco Lighting LED Mini Wall Pack 26W - Specifications and Installation Guide
Detailed product information for the Sunco Lighting LED Mini Wall Pack (26W, 5000K). Includes features like built-in photocell, 0-10V dimming, durable construction, and comprehensive installation instructions. Suitable for commercial and industrial applications.

	[Sunco Lighting Dusk to Dawn LED Barn Light - 55W, 5000K, IP65 Rated Outdoor Fixture](#) Discover the Sunco Lighting 55W Dusk to Dawn LED Barn Light. This IP65 rated fixture delivers 7150 lumens at 5000K, featuring a built-in photocell, durable aluminum construction, and a 5-year warranty. Ideal for area, barn, and warehouse lighting.
	[LED Wall Pack Light - High Efficiency, Durable Outdoor Lighting](#) Detailed specifications, features, installation guide, and test data for LED Wall Pack Lights from LED Lights Manufacturer, available in 60W to 150W with adjustable CCT and wattage. Features IP65 waterproof rating and 5-year warranty.
	[Photocell Installation Instructions and Options	e-conolight](#) Detailed installation guide for e-conolight photocells, covering knockout location, wallpack mounting, and wiring for single-phase and phase-to-phase voltage systems. Includes diagrams and model information.
	[XPOWER Air Mover Owner's Manual: Safety, Operation, and Specifications](#) Comprehensive owner's manual for XPOWER Air Movers (P-80, P-100, P-130, P-200, P-230 series). Includes safety guidelines, parts list, operating instructions, maintenance tips, troubleshooting, technical data, and warranty information.
	[Sunco Mini Dual Selectable Wall Pack User Manual & Installation Guide](#) Comprehensive user manual and installation guide for the Sunco Mini Dual Selectable Wall Pack (MWP_25SW-BR-3050K-1PK). Includes setup, specifications, troubleshooting, and safety information for outdoor lighting.