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LUXRITE LR40337

LUXRITE Dusk to Dawn LED Modern Outdoor Wall Light User Manual

Model: LR40337

Brand: LUXRITE

INTRODUCTION

Thank you for choosing the LUXRITE Dusk to Dawn LED Modern Outdoor Wall Light. This fixture is designed to provide versatile and reliable outdoor illumination for your porch, patio, garage, and other exterior spaces. Featuring integrated LED technology, it offers multi-option lighting, color tunability, adjustable brightness, and a durable IP65 waterproof design. This manual provides detailed instructions for safe installation, operation, and maintenance to ensure optimal performance and longevity of your new wall light.



Figure 1: LUXRITE 12-inch black cylinder outdoor wall light, showcasing its up and down lighting capabilities.

SAFETY INFORMATION

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

- **WARNING: Risk of Electric Shock.** Disconnect power at the fuse or circuit breaker before installing or servicing.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Use only UL/ETL listed wire connectors.
- Ensure all electrical connections are secure and comply with local codes and ordinances.
- Do not modify the fixture. Any modifications may void the warranty and create safety hazards.
- Do not install near flammable materials or in areas with explosive atmospheres.
- Wear safety glasses and gloves during installation.

PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation:

- Integrated LED Wall Sconce (1)
- Dusk to Dawn Photocell (Pre-Installed)
- Color and Wattage Selectable Switch (Integrated)
- Up Light or Up-Down Light Setting Switch (Integrated)
- Mounting Hardware (Screws, Wire Nuts, Mounting Plate)

INSTALLATION

Pre-Installation

1. Turn off power at the circuit breaker or fuse box to avoid electrical shock.
2. Carefully unpack the fixture and its components. Keep all packaging materials until installation is complete to prevent loss of small parts.
3. Review the dimensions of the fixture to ensure it fits your desired installation location.

DIMENSIONS



Figure 2: Product Dimensions: 12" L x 4.25" W x 6.77" H.

Mounting

4. Attach the mounting plate to the junction box using the provided screws. Ensure the mounting plate is securely fastened and level.
5. For a secure fit, ensure the mounting screws that attach the fixture to the mounting plate are adequately tightened. If needed, use additional washers as standoffs to achieve proper depth and stability.



Figure 3: Details of the mounting plate, integrated LED, and solid construction for easy and secure installation.

Wiring

6. Connect the fixture's black wire to the house's black (hot) wire using a wire nut.
7. Connect the fixture's white wire to the house's white (neutral) wire using a wire nut.
8. Connect the fixture's ground wire to the house's ground wire (or ground screw on the mounting plate) using a wire nut.
9. Carefully tuck all wires into the junction box.

10. Align the fixture with the mounting plate and secure it with the provided screws.

11. Restore power at the circuit breaker or fuse box.

OPERATING INSTRUCTIONS

Light Direction Adjustment

The fixture offers two versatile light direction settings: illuminating both upward and downward simultaneously, or exclusive up lighting from the top. A switch located on the fixture allows you to select your preferred lighting direction.



Figure 4: Multiple Lighting Directions: Choose between up-and-down or up-only illumination.

Color Temperature Selection (3CCT)

Customize the ambiance of your outdoor area with the integrated 3-color selectable switch. This switch allows you to choose between three Kelvin temperature options:

- **3000K Soft White:** For a warm and inviting glow.
- **4000K Cool White:** For a neutral and balanced light.

- **5000K Bright White:** For a crisp and vibrant illumination.



Illuminate the outside of your space with the perfect lighting solution that you can adjust to fit your needs. Not only can you choose between 3 color temperatures (top image), but you can toggle from a low to high wattage to control the amount of light you want outside (bottom image).

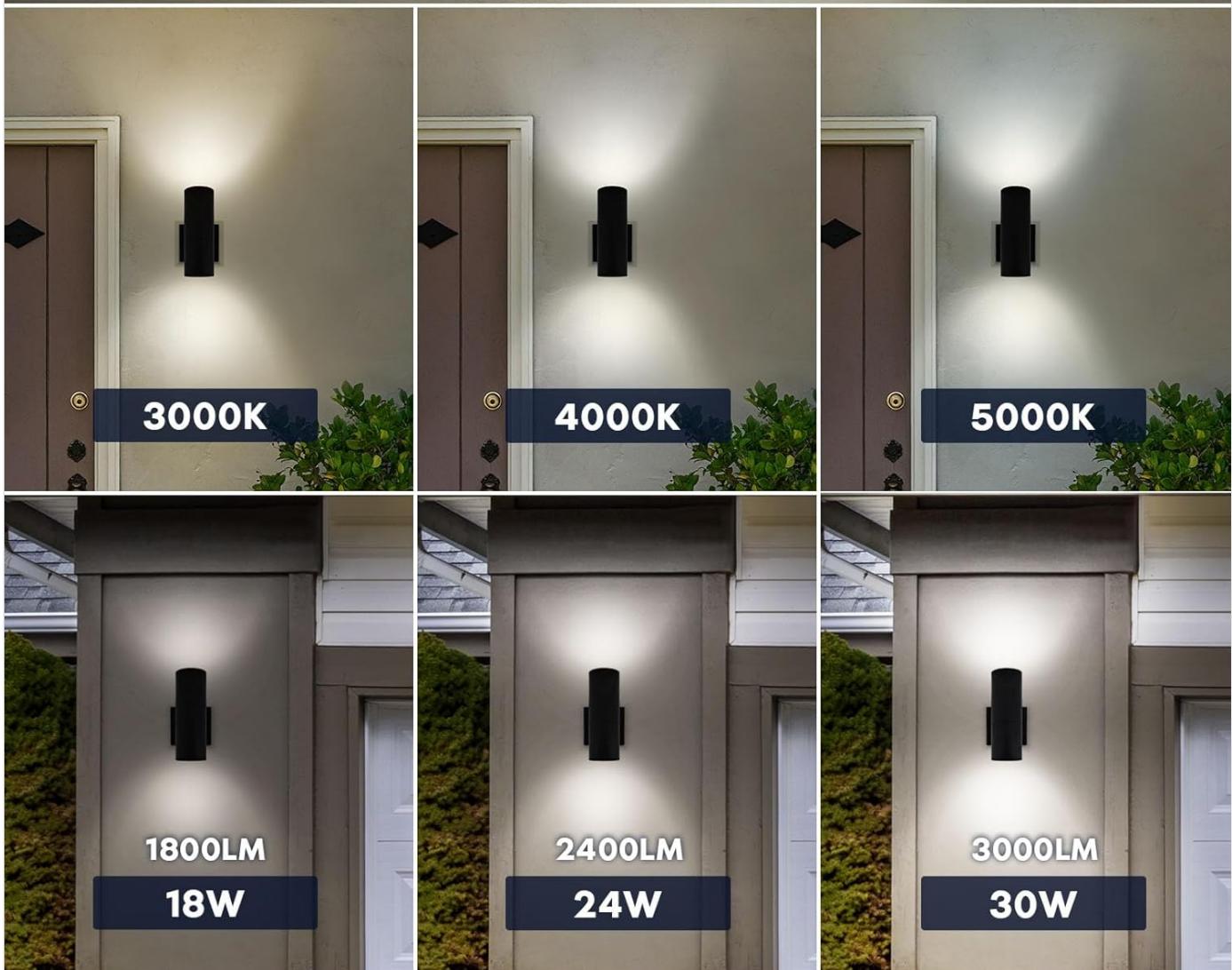
Figure 5: 3CCT Options: Select from 3000K, 4000K, or 5000K to match your desired lighting atmosphere.

Brightness (Wattage) Adjustment

Control the light output with the on-board switch that adjusts the wattage. This allows you to select the desired brightness level:

- **18 Watts:** Provides 1800 lumens.
- **24 Watts:** Provides 2400 lumens.
- **30 Watts:** Provides 3000 lumens.

3 COLOR & 3 WATTAGE OPTIONS



Illuminate the outside of your space with the perfect lighting solution that you can adjust to fit your needs. Not only can you choose between 3 color temperatures (top image), but you can toggle from a low to high wattage to control the amount of light you want outside (bottom image).

Figure 6: Wattage Options: Adjust brightness from 18W (1800LM) to 30W (3000LM).

Dusk-to-Dawn Photocell Sensor

The integrated photocell sensor automatically turns the light on at night and off at sunrise, conserving energy. If you prefer to control the light with a regular wall switch or dimmer, you can choose to turn off the photocell sensor.



DUSK-TO-DAWN PHOTOCELL SENSOR*

Automatically powers on during the night and off in the morning

*Turn off photo cell setting to operate with a light switch and/or dimmer

Figure 7: Dusk-to-Dawn Photocell Sensor: Automatic operation based on ambient light levels.

Dimming Functionality

This fixture is dimmable, allowing you to adjust the light output from full brightness down to a gentle glow. It is compatible with Triac/0-10V dimmers. Refer to the specifications section for compatible dimmer models.

Video 1: Luxrite Wall Sconces - LR40337 LR40339 LR40345 LR40347. This video demonstrates the features and functionality of the Luxrite wall sconces, including the LR40337 model.

MAINTENANCE

To ensure the longevity and optimal performance of your LUXRITE wall light, follow these maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Use a soft, damp cloth to wipe down the fixture. Avoid abrasive cleaners, solvents, or harsh chemicals, as they may damage the finish or electrical components.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and consult a qualified electrician.

- **IP65 Rating:** The fixture is IP65 rated for protection against dust and water jets. While designed for outdoor use, avoid directing high-pressure water sprays directly at the fixture.




IP65
 WATERPROOF

Stands up against harsh outdoors

Certified protection from dust & water

Figure 8: Waterproof Design: IP65 rated for protection against dust and water, ensuring durability in outdoor conditions.

TROUBLESHOOTING

If you encounter issues with your wall light, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Loose wiring connection. Photocell sensor active during daylight.	Check circuit breaker/fuse. Verify all wire connections are secure (power off first). Ensure photocell is disabled if manual control is desired during the day.

Problem	Possible Cause	Solution
Light flickers or dims unexpectedly.	Incompatible dimmer switch. Loose wiring. Voltage fluctuations.	Ensure dimmer is compatible (Triac/0-10V). Check all wiring connections. Consult an electrician if voltage issues persist.
Photocell not working correctly.	Sensor obstructed or dirty. Sensor setting incorrect.	Clean the photocell sensor lens. Verify the photocell setting switch is in the desired position (auto or off).
Light output is too low/high.	Wattage setting incorrect.	Adjust the wattage selectable switch to the desired output (18W, 24W, or 30W).

SPECIFICATIONS

Detailed technical specifications for the LUXRITE Dusk to Dawn LED Modern Outdoor Wall Light:

Feature	Specification
Brand	LUXRITE
Model Number	LR40337
Color	Black
Material	Metal
Style	Modern
Light Fixture Form	Wall
Product Dimensions	12"L x 4.25"W x 6.77"H
Indoor/Outdoor Usage	Outdoor
Power Source	Hardwired
Special Features	3 Color Selectable (3000K/4000K/5000K), 3 Wattage Selectable (18W/24W/30W), Dusk to Dawn Photocell Sensor, Up Light or Up & Down Light Option, IP65 Wet Rated, Dimmable
Light Source Type	LED
Voltage	120 Volts (120 to 277 volt hardwire capable)
Brightness	1800/2400/3000 Lumens
Wattage	18W/24W/30W (Selectable)
Color Temperature	3000K/4000K/5000K (Selectable)
Average Life	50,000 Hours

Feature	Specification
Water Resistance Level	IP65 (Water Resistant)
Certification	ETL Listed
Item Weight	3.42 Pounds

Lighting Facts per Luminaire

Brightness 1800/2400/3000 lumens

Estimated Yearly Energy Cost \$3.61

Based on 3 hrs/day, 11¢/kWh

Cost depends on rates and use

Life

Based on 3 hrs/day **45.7 years**

Light Appearance

Warm

Cool



Energy Used

18/24/30 watts

Figure 9: Lighting Facts: Summary of brightness, energy cost, life, and color temperature range.

WARRANTY AND SUPPORT

This LUXRITE wall light comes with a **5-Year Warranty**, ensuring peace of mind regarding its quality and performance. For technical support, troubleshooting assistance, or warranty claims, please contact LUXRITE customer service through their official website or the retailer where the product was purchased.

For more information and to explore other LUXRITE products, visit the official LUXRITE store [LUXRITE Store](#).

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