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› LUTEC 80W Dusk to Dawn Flood Light Instruction Manual

LUTEC 7632815012

LUTEC 80W Dusk to Dawn Flood Light Instruction Manual

Model: 7632815012

INTRODUCTION

Thank you for purchasing the LUTEC 80W Dusk to Dawn Flood Light. This high-performance outdoor lighting fixture is designed to provide powerful and efficient illumination for your garage, yard, or other outdoor spaces. Featuring advanced LED technology, a built-in photocell for automatic operation, and a durable, waterproof design, this floodlight ensures reliable security and convenience. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your product.

SAFETY INFORMATION

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.
- Installation must be performed by a qualified electrician in accordance with all local electrical codes.
- Ensure the supply voltage is correct (120 Volts AC) before connecting the fixture.
- Do not attempt to modify the fixture. Any modifications will void the warranty.
- Do not look directly into the LED light source when the fixture is illuminated.
- Keep flammable materials away from the light fixture.
- This product is designed for outdoor use only.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- LUTEC 80W Dusk to Dawn Flood Light (1)
- Mounting Bracket (1)
- Wire Nuts (3)
- Gasket (1)
- Rubber Plug (1)
- M4*50 Screw (1)
- M4*35 Screw (1)

PRODUCT SIZE



ACCESSORIES INCLUDED



Figure 1: Product dimensions and included accessories. This image displays the floodlight's measurements and all parts provided in the package, including screws, wire nuts, mounting bracket, rubber plug, and gasket.

PRODUCT OVERVIEW AND FEATURES

The LUTEC 80W Flood Light is engineered for superior outdoor illumination and durability.

- **Super Bright Illumination:** 80W power output delivers 9000 lumens of 5000K daylight, covering up to 2,370 sq. ft.
- **Dusk to Dawn Sensor:** Built-in photocell automatically turns the light on at dusk and off at dawn, providing hands-free operation and energy efficiency.
- **Adjustable Four Heads:** Four flexible light heads can be independently adjusted to direct light precisely where needed, offering a maximum illumination angle of 300°.
- **IP65 Waterproof:** Constructed with a sturdy aluminum body, this fixture is rated IP65, ensuring reliable performance in various weather conditions including rain and snow.

- **Energy Saving:** Offers over 88% energy savings compared to traditional halogen bulbs.



Figure 2: Front view of the LUTEC 80W Dusk to Dawn Flood Light. This image shows the main product with its three adjustable light heads.

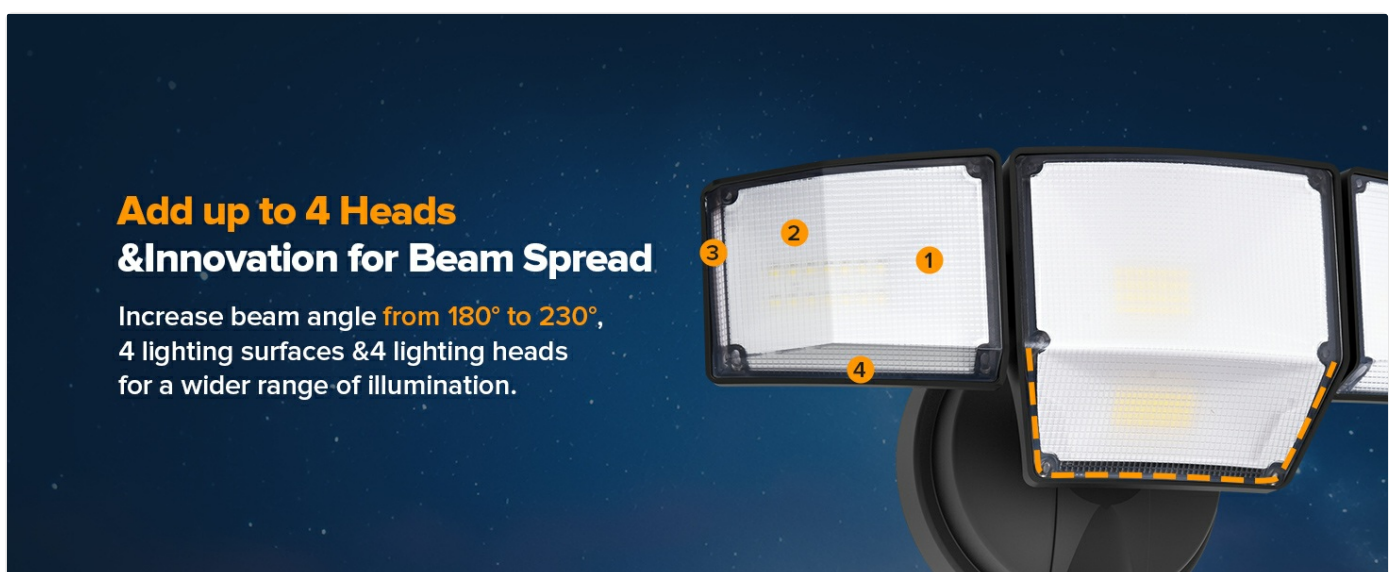


Figure 3: Illustration of the four-sided surface and adjustable heads. This graphic demonstrates how the four light heads increase coverage and allow for a wider range of illumination.

IP65 Waterproof

This led security light is rated **IP65** waterproof, ensuring that it can withstand the heavy rain, sleet, or snow outdoors.



Figure 4: IP65 Waterproof rating. This image visually represents the floodlight's ability to withstand heavy rain, sleet, or snow, highlighting its robust construction.

SETUP AND INSTALLATION

This floodlight is designed for hardwired installation. A junction box (4"x4") is NOT included and is required for proper installation.

1. Prepare for Installation:

- Turn off power at the circuit breaker or fuse box before starting.
- Ensure the mounting surface is sturdy and can support the fixture's weight.

2. Mount the Bracket:

- Attach the mounting bracket to the junction box using the provided screws. Ensure the bracket is securely fastened.

3. Wire the Fixture:

- Connect the fixture's wires to your household wiring using the provided wire nuts:
 - Black (Live Wire) to Black (Live Wire)
 - White (Neutral Wire) to White (Neutral Wire)
 - Green (Earth Wire) to Green or Bare Copper (Earth Wire)
- Carefully tuck all wires into the junction box.

4. Attach the Fixture:

- Align the floodlight fixture with the mounting bracket and secure it with the appropriate screws. Ensure the gasket is properly seated between the fixture and the mounting surface to maintain the IP65 waterproof rating.
- For wall-mounted installations, ensure the fixture is flush against the wall. For soffit-mounted installations, ensure it is securely attached to the soffit.

5. Adjust Light Heads:

- Once securely mounted, adjust the four light heads to your desired illumination angles. The heads can be rotated and tilted to cover specific areas.

6. Restore Power:

- Turn on the power at the circuit breaker or fuse box. The light will activate according to its dusk-to-dawn sensor settings.



Figure 5: Simplified installation diagram. This image illustrates the three main steps for hardwired installation: preparing the wires, connecting them, and mounting the fixture.

01 Soffit Mounted



02 Wall Mounted



Warm Tip: Please seal the gap between the wall and the lamp to strengthen the waterproof

Figure 6: Mounting options: Soffit Mounted and Wall Mounted. This graphic shows two common installation methods for the floodlight.

Installation Video Guide

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Video 1: Official LUTEC 80W Dusk to Dawn Flood Lights Installation Guide. This video provides a visual walkthrough of the installation process, demonstrating how to mount and wire the floodlight.

OPERATING INSTRUCTIONS

The LUTEC 80W Flood Light features a built-in photocell for automatic dusk-to-dawn operation.

- **Automatic Operation:** The integrated photocell sensor detects ambient light levels.
 - At dusk, when natural light diminishes, the floodlight will automatically turn on at full brightness.
 - At dawn, as natural light increases, the floodlight will automatically turn off.
- **Manual Override (if wired to a switch):** If the floodlight is connected to a wall switch, you can manually turn the light on or off regardless of the ambient light conditions. However, for optimal energy efficiency and to utilize the dusk-to-dawn feature, it is recommended to leave the switch in the "ON" position.

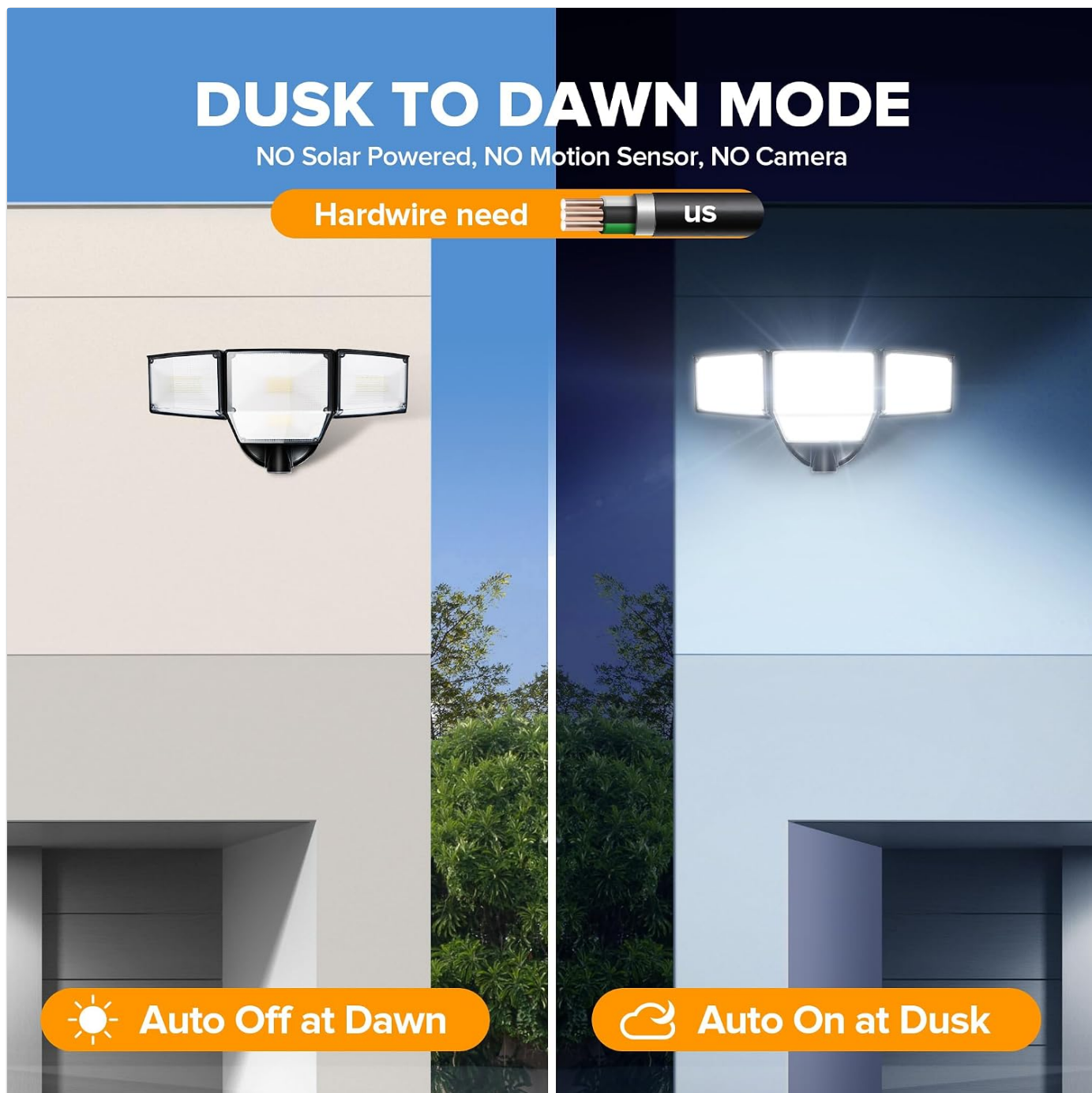


Figure 7: Dusk to Dawn operation. This image visually demonstrates the light automatically turning off at dawn and on at dusk.

Dusk to Dawn Feature Demonstration

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Video 2: Demonstration of the LUTEC Flood Light's Dusk to Dawn functionality. This video shows the light activating and deactivating based on ambient light conditions.

MAINTENANCE

The LUTEC Flood Light requires minimal maintenance. Regular cleaning and inspection will ensure optimal performance and longevity.

- **Cleaning:**

- Before cleaning, ensure the power to the fixture is turned off at the circuit breaker.
- Wipe the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the

finish or electrical components.

- **Inspection:**
 - Periodically check the mounting screws and wiring connections to ensure they are secure.
 - Inspect the fixture for any signs of damage, such as cracks in the housing or frayed wires. If damage is found, discontinue use and contact customer support.
- **Photocell Sensor:** Ensure the photocell sensor (small clear dome on the bottom of the main unit) is not obstructed by dirt, debris, or overhanging objects, as this can interfere with its proper operation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	◦ Power is off. ◦ Photocell is obstructed or receiving too much light. ◦ Faulty wiring connection.	◦ Check circuit breaker/fuse. ◦ Ensure photocell is clean and not exposed to other light sources (e.g., streetlights, other fixtures). ◦ Verify all wiring connections are secure (consult a qualified electrician if unsure).
Light stays on during the day.	◦ Photocell is obstructed or not receiving enough light. ◦ Photocell malfunction.	◦ Clean the photocell. Ensure no shadows or obstructions are blocking daylight from reaching the sensor. ◦ If the issue persists, the photocell may be faulty. Contact customer support.
Light flickers or dims.	◦ Loose wiring connection. ◦ Voltage fluctuations. ◦ Internal component issue.	◦ Check and secure all wiring connections. ◦ Consult an electrician to check household voltage stability. ◦ Contact customer support.

SPECIFICATIONS

Attribute	Detail
Brand	LUTEC
Model Number	7632815012
Power Source	AC Hardwired
Wattage	80 Watts
Brightness	9000 Lumens
Light Color Temperature	5000K Daylight

Attribute	Detail
Beam Angle	Adjustable, up to 300°
Illumination Range	Up to 2,370 sq. ft.
Voltage	120 Volts
Material	Aluminum + PC
Water Resistance Rating	IP65 Waterproof
Control Method	Dusk to Dawn (Photocell)
Product Dimensions	6.5"L x 8.66"W x 6.69"H
Item Weight	2.27 pounds
Installation Type	Wall Mount / Soffit Mount

WARRANTY AND SUPPORT

LUTEC provides high-quality products and customer service.

- **Warranty:** Please refer to the warranty information provided with your purchase documentation or visit the official LUTEC website for details on product warranty.
- **Customer Support:** For any questions, technical assistance, or issues with your product, please contact LUTEC customer service. We provide 7*24 hour after-sales service.
- **Contact Information:**
 - Visit the [LUTEC Store on Amazon](#) for more information and support resources.

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