VAXCEL T0696

VAXCEL T0696 Motion Sensor Dusk to Dawn Outdoor Security Flood Light

Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VAXCEL T0696 Motion Sensor Dusk to Dawn Outdoor Security Flood Light. Please read this manual thoroughly before installation and retain it for future reference. This security flood light is designed to provide reliable outdoor illumination with advanced motion sensing and dusk-to-dawn capabilities.

Image: The VAXCEL T0696 Motion Sensor Dusk to Dawn Outdoor Security Flood Light, shown in white with two adjustable light heads and a motion sensor unit below.

2. PRODUCT FEATURES

- **240-Degree Motion Sensor:** Automatically activates the light when movement is detected within its 240-degree range.

- **85-Foot Adjustable Detection Distance:** Customize the motion sensor's reach for optimal security coverage.

- **Dusk-to-Dawn Photocell:** Automatically turns the fixture on at dusk and off at dawn, conserving energy.

- **Dual Brightness Levels:** Features a low-level (approximately 30%) standby brightness and 100% brightness upon motion detection.

- **5 Automatic Modes:** Offers various customizable operational modes for diverse security needs.

- **Adjustable Light Heads and Sensor:** Light heads and the motion sensor can be rotated to direct illumination and detection precisely where needed.

- **Replaceable Bulbs:** Uses two 150-watt PAR 38 medium base E26 screw-in bulbs (not included), compatible with LED bulbs for energy efficiency.

- **Flexible Mounting:** Designed for both wall and eave mounting.

- **Weather Resistant:** Constructed from durable plastic material for outdoor use.

THREE LIGHTS IN ONE
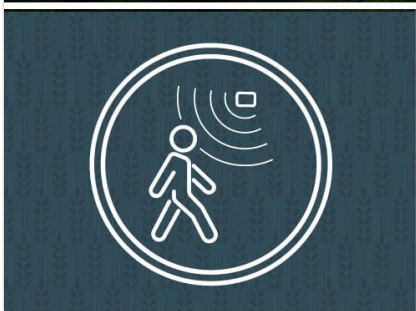
1. MOTION SENSOR

2. DUSK TO DAWN

3. SWITCH CONTROLLED

MULTI 3-IN-1 FUNCTION

VARIABLE LIGHT ACTIVATION VIA 3 UNIQUE MODES

Image: Diagram illustrating the three-in-one functionality: Motion Sensor, Dusk to Dawn, and Switch Controlled operation modes.

Image: Illustration showing the 240-degree detection angle and 10-85 ft adjustable range of the motion sensor, covering various outdoor areas.

FULLY CUSTOMIZABLE SETTINGS

MOTION SHUT-OFF DELAY
5 sec - 3 min

MOTION SENSITIVITY
85 ft

EARLY EVENING TIMER
0, 3, 6 hrs

MODES of OPERATION
5 modes

PATENTED DUAL-LEVEL BRIGHTNESS

up to
30%
LOW LEVEL
STAND-BY

100%
MOTION

CONVENIENT
CONTROL ACCESS

HOW IT
DUALUX
WORKS

SECURITY OPTIONS
TO FIT YOUR
LIFESTYLE

Image: Depiction of the customizable settings including motion shut-off delay (5 sec - 3 min), motion sensitivity (85 ft), early evening timer (0, 3, 6 hrs), 5 modes of operation, and patented dual-level brightness.

OUTDOOR

DURABILITY

WET RATED

WEATHER RESISTANT

PLASTIC

MATERIAL

Image: Visual representation of the flood light's outdoor durability and weather-resistant plastic material, suitable for various weather conditions.

Image: Diagram showing the rotating light heads and rotating sensor joint, allowing for flexible adjustment and multi-mounting options (wall mount, eave mount).

3. WHAT'S IN THE BOX

Upon unpacking, please ensure all components are present and undamaged. The package should contain:

- VAXCEL T0696 Security Flood Light Fixture
- Shade
- Mounting Hardware

Note: Light bulbs (2 x 150 watt PAR 38 medium base E26) are not included and must be purchased separately.

4. SETUP AND INSTALLATION

The VAXCEL T0696 flood light is designed for hardwired installation and can be mounted on a wall or eave. Professional installation is recommended if you are unfamiliar with electrical wiring.

4.1 Safety Precautions

- **WARNING:** Disconnect power at the circuit breaker before installation.

- Ensure the mounting surface is structurally sound.

- Wear appropriate safety gear, including gloves and eye protection.

- Consult local electrical codes for proper installation procedures.

4.2 Mounting Options

The fixture supports both wall and eave mounting. The rotating light heads and sensor joint allow for flexible positioning to optimize light coverage and motion detection.

Image: The VAXCEL T0696 flood light mounted on an exterior wall, illuminating the area.

Image: A wider view of the VAXCEL T0696 flood light installed on the exterior of a house, demonstrating its placement and coverage.

4.3 Bulb Installation

Insert two PAR 38 medium base E26 screw-in bulbs (up to 150 watts each) into the sockets. LED compatible bulbs can be used for enhanced energy efficiency.

5. OPERATING INSTRUCTIONS

The VAXCEL T0696 offers multiple operational modes and adjustable settings for customized security lighting.

5.1 Motion Sensor Operation

The 240-degree motion sensor detects movement and triggers the light to full brightness. The detection distance is adjustable up to 85 feet. Adjust the sensor's angle and sensitivity to cover your desired area and minimize false triggers.

5.2 Dusk-to-Dawn Functionality

The integrated photocell automatically turns the light on when ambient light levels drop (dusk) and off when

they rise (dawn). This feature ensures the light operates only when needed, saving energy.

5.3 Brightness Levels and Modes

The fixture operates with two brightness levels: a low-level standby (approx. 30% brightness) and a high-level (100% brightness) activated by motion. There are 5 automatic modes available for further customization, typically controlled via a remote control (if included) or internal switches. Refer to the specific controls on your unit for mode selection and adjustment of settings like motion shut-off delay and early evening timer.

5.4 Control Method

The light's settings, including modes and timers, are typically adjusted using a remote control. Ensure the remote has fresh batteries and is pointed towards the sensor for effective communication.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your flood light.

- **Cleaning:** Periodically clean the fixture with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or sensor.
- **Bulb Replacement:** Disconnect power before replacing bulbs. Allow bulbs to cool completely. Replace with PAR 38 medium base E26 bulbs of the same wattage (up to 150W) or equivalent LED bulbs.
- **Sensor Check:** Ensure the motion sensor lens is clear of obstructions (e.g., dirt, spiderwebs) that could impair its function.

7. TROUBLESHOOTING

If your VAXCEL T0696 flood light is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, faulty bulbs, photocell detecting too much light.	Check circuit breaker. Replace bulbs. Ensure photocell is not obstructed or in direct light.
Light stays on continuously.	Motion sensor constantly triggered, wiring issue, mode setting.	Adjust sensor sensitivity/angle. Check wiring. Verify operating mode settings.
Motion sensor not detecting.	Sensor obstructed, sensitivity too low, incorrect angle.	Clear sensor lens. Increase sensitivity. Adjust sensor angle.
Light flickers.	Loose bulb, faulty bulb, unstable power supply.	Tighten or replace bulbs. Consult an electrician for power supply issues.

8. SPECIFICATIONS

Detailed technical specifications for the VAXCEL T0696 Motion Sensor Dusk to Dawn Outdoor Security Flood Light:

Specification	Detail
Brand	VAXCEL

Specification	Detail
Model Number	T0696
Color	White
Material	Plastic
Product Dimensions	8.75"L x 11.75"W x 8"H
Item Weight	2 Pounds
Power Source	Hardwired
Voltage	120 Volts
Wattage	150 watts (per bulb, max)
Bulb Base	E26 Medium
Number of Light Sources	2
Motion Sensor Range	240 degrees, up to 85 ft
Special Features	Adjustable Heads, Dusk to Dawn Sensor, Motion Sensor
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	Water Repellent
Certification	ETL Listed
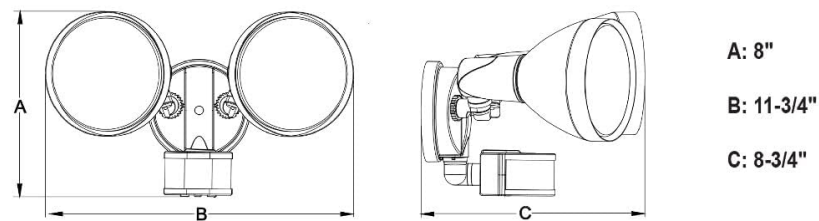
Image: Technical diagram showing the product dimensions: A: 8", B: 11-3/4", C: 8-3/4".

9. WARRANTY AND SUPPORT

The VAXCEL T0696 Motion Sensor Dusk to Dawn Outdoor Security Flood Light comes with a **Limited Warranty**. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official VAXCEL website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact VAXCEL customer service. You can find more information and contact details by visiting the VAXCEL Store on Amazon.

Related Documents - T0696

[Vaxcel T0804/T0805 Motion Sensor Outdoor Wall Sconce: Assembly and Installation Guide](#)
Comprehensive assembly and installation instructions for the Vaxcel T0804 and T0805 motion sensor outdoor wall sconces. Learn how to install, operate, and troubleshoot your fixture.

[Vaxcel T0804/T0805 Outdoor Motion Sensor Wall Sconce: Assembly & Installation Guide](#)
Comprehensive assembly and installation instructions for the Vaxcel T0804 and T0805 outdoor motion sensor wall sconce. Covers features, operation modes, customization, troubleshooting, spare parts, and warranty.

[Vaxcel T0694/T0695 Motion Activated Light Installation and Mounting Instructions](#)
This guide provides detailed instructions for installing and operating the Vaxcel T0694/T0695 motion activated outdoor light fixture. It covers important safety information, features, mounting options, sensor and light head adjustments, various operating modes, troubleshooting tips, and warranty details.

[Vaxcel T0739 Assembly and Installation Instructions](#)
This document provides assembly and installation instructions for the Vaxcel T0739 fixture. It includes a hardware package list, step-by-step assembly guidance, optional photocell disconnection instructions, and warranty information.

[Vaxcel T0571 Assembly and Installation Instructions](#)
Detailed assembly and installation instructions for the Vaxcel T0571 outdoor light fixture, including hardware lists, wiring diagrams, and warranty information.

[Vaxcel T0633/T0634 Outdoor Wall Light Assembly and Installation Instructions](#)
Comprehensive guide for assembling and installing Vaxcel T0633 and T0634 outdoor wall lights. Includes hardware details, step-by-step installation, optional photocell disconnection, spare parts, and dimensions.