

## VAXCEL T0344

# VAXCEL Chiasso T0344 Modern Outdoor LED Wall Sconce with Motion Sensor Instruction Manual

Model: T0344 | Brand: VAXCEL

## 1. INTRODUCTION

Thank you for choosing the VAXCEL Chiasso T0344 Modern Outdoor LED Wall Sconce. This fixture is designed to provide reliable and efficient outdoor lighting with advanced features such as a motion sensor and dusk-to-dawn functionality. Please read this manual thoroughly before installation and operation to ensure proper use and safety.

## 2. SAFETY INFORMATION

**WARNING: Risk of electric shock. Disconnect power at the fuse box or circuit breaker before installing or servicing. All electrical connections must be in accordance with local codes, ordinances, or the National Electric Code (NEC).**

If you are unfamiliar with electrical wiring, consult a qualified electrician. 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.

Please check your local laws before purchasing this product.

## 3. PACKAGE CONTENTS

- 1 x VAXCEL Chiasso T0344 Outdoor LED Wall Sconce (with integrated LED bulb)
- 1 x Shade
- 1 x Mounting Hardware Kit
- 1 x Instruction Manual

## 4. PRODUCT FEATURES

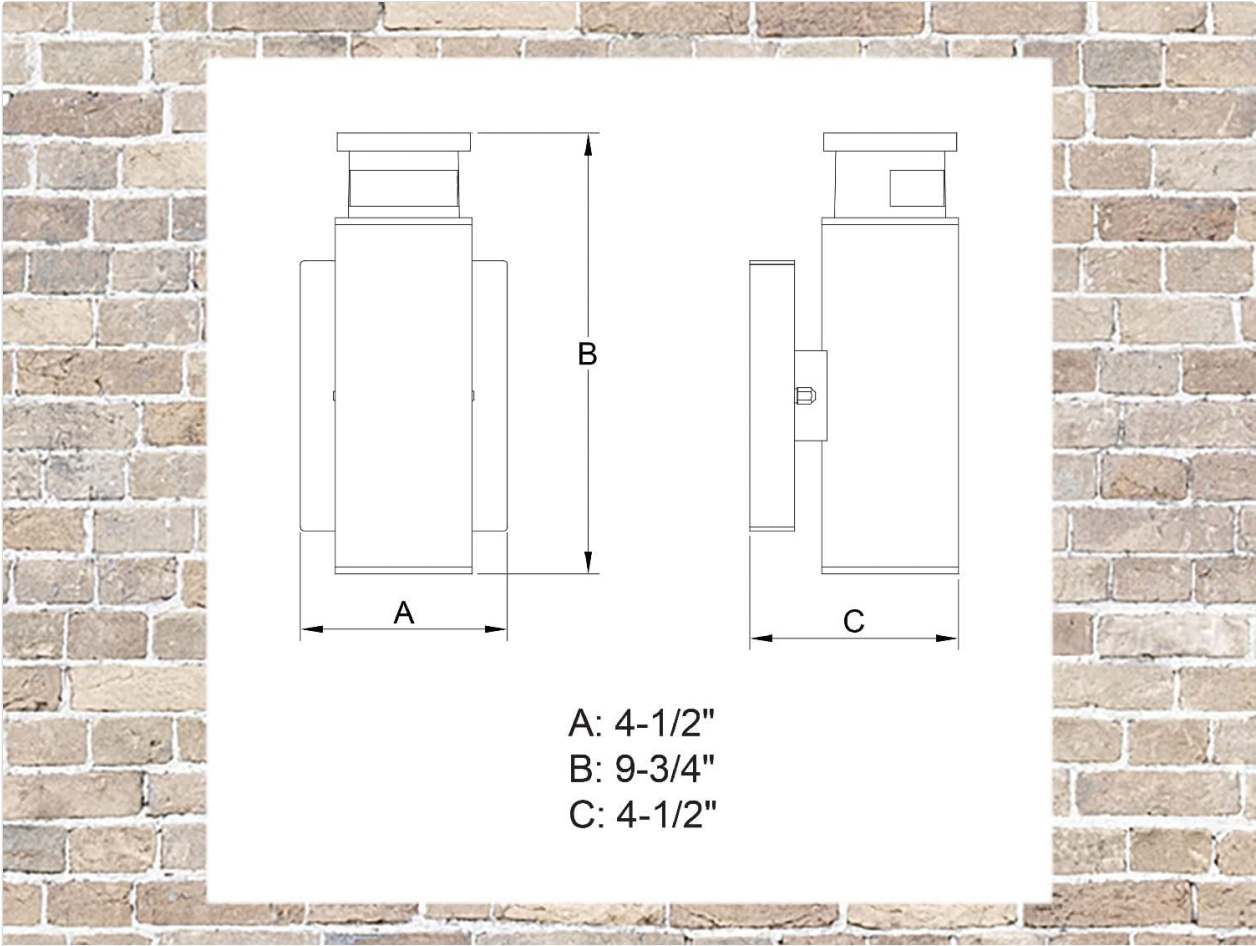
- **180-Degree Motion Sensor:** Automatically activates the light when movement is detected. Adjustable detection range up to 40 feet for enhanced security.
- **Dusk-to-Dawn Photocell:** Automatically turns the light on at dusk and off at dawn, optimizing energy usage.
- **Integrated LED:** Features a 10-watt integrated LED bulb for energy efficiency, low maintenance, and long-lasting performance. Provides 3000K color temperature and 500 lumens for bright, secure lighting.
- **Durable Construction:** Made from rust-proof, weather-resistant aluminum material for long-lasting durability in outdoor environments.
- **Timer Function:** Convenient timer to select duration of continuous bright light illumination for 0, 3, or 6 hours.
- **ETL Safety Listing:** Demonstrates compliance with widely accepted product safety standards.

## 5. SPECIFICATIONS

| Feature                | Specification  |
|------------------------|--|
| Brand                  | VAXCEL   |
| Model Name             | T0344  |
| Color                  | Textured Black   |
| Material               | Aluminum   |
| Style                  | Contemporary   |
| Light Fixture Form     | Wall Sconce  |
| Product Dimensions     | 4.75"L x 4.5"W x 9.75"H  |
| Indoor/Outdoor Usage   | Outdoor  |
| Power Source           | Corded Electric  |
| Installation Type      | Wall Mount   |
| Special Features       | Dark Sky Compliant, Dusk to Dawn Sensor, Integrated LED, Motion Sensor |
| Control Method         | Remote (for settings)  |
| Light Source Type      | LED  |
| Voltage                | 120 Volts  |
| Light Color            | Warm White   |
| Wattage                | 10 Watts (LED)   |
| Brightness             | 505 Lumens   |
| Color Temperature      | 3000 Kelvin  |
| Water Resistance Level | Water Resistant  |

| Feature           | Specification |
|-------------------|---------------|
| Assembly Required | Yes           |
| Item Weight       | 2.21 pounds   |

**Product Dimensions Diagram:**





# PRODUCT DIMENSIONS

This diagram illustrates the key dimensions of the VAXCEL Chiasso T0344 wall sconce, with measurements A, B, and C indicating width, height, and depth respectively.

## 6. INSTALLATION

Professional installation by a qualified electrician is recommended for this product. Ensure power is disconnected at the circuit breaker before beginning installation.

**Installation Steps:**

1. **Prepare Wiring:** Turn off power at the main circuit breaker. Ensure the mounting surface is clean, dry,

and structurally sound.

2. **Mounting Bracket:** Attach the mounting bracket to the junction box using the provided screws. Ensure the bracket is level and secure.
3. **Electrical Connections:** Connect the fixture's wires to your household wiring according to local electrical codes. Typically, connect black to black (live), white to white (neutral), and green/bare copper to green/bare copper (ground). Secure connections with wire nuts.
4. **Secure Fixture:** Carefully align the fixture with the mounting bracket and secure it with the provided screws or nuts.
5. **Install Shade:** Attach the shade to the fixture as per the specific design.
6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.

#### Example of Installed Fixture:



This image shows the VAXCEL Chiasso T0344 outdoor wall sconce mounted on an exterior wall, demonstrating its modern aesthetic and light distribution.

## 7. OPERATION

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The VAXCEL Chiasso T0344 features multiple operational modes for convenience and security.

### 7.1. 3-in-1 Functionality

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

This graphic highlights the three primary operational modes: motion sensing, automatic dusk-to-dawn activation, and standard switch control.

### 7.2. Motion Sensor

The integrated 180-degree motion sensor detects movement up to 40 feet away, automatically turning the light to 100% brightness. This feature enhances security and convenience.

## EXTRA SAFETY & SECURITY



This image illustrates the wide 180-degree detection angle and up to 40-foot range of the motion sensor, ensuring broad coverage for security.

### 7.3. Dusk-to-Dawn Photocell

The built-in photocell automatically activates the light at dusk and deactivates it at dawn, saving energy during daylight hours. This feature can be combined with a timer for continuous bright light during early evening.

### 7.4. Customizable Settings (Dualux Technology)

The fixture utilizes Dualux Dual Level Technology, offering adjustable settings for motion shut-off delay, motion sensitivity, and early evening timer.

## FULLY CUSTOMIZABLE SETTINGS



CONVENIENT  
CONTROL ACCESS

MOTION SHUT-OFF DELAY  
**5 sec - 3 min**

MOTION SENSITIVITY  
**40 ft**

EARLY EVENING TIMER  
**0, 3, 6 hrs**

MODES of OPERATION  
**5 modes**

PATENTED DUAL-LEVEL BRIGHTNESS

up to  
**0-50%**

LOW LEVEL  
STAND-BY

**100%**

MOTION

ADJUSTABLE  
**low-level brightness**



HOW IT  
DUALUX  
WORKS

SECURITY OPTIONS  
TO FIT YOUR  
LIFESTYLE

This graphic details the customizable settings available, including motion shut-off delay, motion sensitivity, early evening timer options, and adjustable low-level brightness for standby mode.

### Video: Dualux Dual Level Technology Overview

This video provides a detailed explanation of VAXCEL's Dualux Dual Level Technology, demonstrating how the light automatically dims at night and brightens upon motion detection, enhancing both security and energy efficiency.

## 8. MAINTENANCE

### 8.1. Cleaning

To clean the fixture, ensure power is off. Wipe with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the finish or electrical components.

### 8.2. LED Light Source

This fixture uses an integrated LED light source, which is designed for long-lasting performance and does not require bulb replacement. If the LED light source fails, the entire fixture may need to be replaced. Contact customer support for assistance.



## 8.3. Durability and Weather Resistance



This image highlights the outdoor durability of the VAXCEL Chiasso T0344, emphasizing its weather-resistant aluminum construction suitable for various environmental conditions.

## 9. TROUBLESHOOTING

### 9.1. Light Does Not Turn On

- Check if the power is on at the circuit breaker.
- Ensure all electrical connections are secure.
- Verify that the dusk-to-dawn sensor is not obstructed by debris or excessive light during nighttime.
- If using the motion sensor, ensure it is set to an appropriate sensitivity and delay.

### 9.2. Light Stays On Continuously

- Check if the dusk-to-dawn sensor is functioning correctly; it might be detecting insufficient light.
- Ensure the motion sensor is not continuously triggered by moving objects (e.g., tree branches, pets) within its detection zone.
- Verify the timer setting is not set for continuous illumination.



### 9.3. Motion Sensor Not Detecting Movement

- Adjust the motion sensor's sensitivity setting.
- Ensure the sensor's field of view is clear of obstructions.
- Confirm the sensor is positioned correctly to cover the desired area.

## 10. WARRANTY AND SUPPORT

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The VAXCEL Chiasso T0344 Outdoor LED Wall Sconce comes with a limited warranty. For specific warranty details, please refer to the documentation included with your purchase or visit the official VAXCEL website. For technical support, replacement parts, or any questions regarding your product, please contact VAXCEL customer service through their official channels. Keep your purchase receipt as proof of purchase for warranty claims.