

Pinegreen Lighting CL-BLD2D10K-3CCT

CL-BLD2D10K-3CCT 10000 lm Low Profile LED Area Light User Manual

Model: **CL-BLD2D10K-3CCT** | Brand: **Pinegreen Lighting**

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Pinegreen Lighting CL-BLD2D10K-3CCT Low Profile LED Area Light. This versatile outdoor lighting solution features selectable Correlated Color Temperature (CCT) and Lumens settings, along with a switchable Dusk to Dawn photocell sensor, making it ideal for various outdoor applications. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Installation should be performed by a qualified electrician.

- Always disconnect power at the circuit breaker before installation, servicing, or removing the fixture.
- Ensure all electrical connections comply with local codes and ordinances, as well as the National Electric Code (NEC).
- Do not install this fixture with wet hands or while standing on wet or damp surfaces.
- This fixture is designed for outdoor use and has an IP65 water-resistant rating. Ensure all seals and gaskets are properly seated during installation to maintain water resistance.
- Do not modify the fixture in any way. Any modifications may void the warranty and create safety hazards.
- Keep flammable materials away from the fixture when in operation.

3. PRODUCT OVERVIEW

The Pinegreen Lighting CL-BLD2D10K-3CCT is a robust and adaptable low-profile LED area light designed for efficient outdoor illumination. Its durable die-cast steel construction with a thermoset coating ensures longevity, even in harsh weather conditions.



Figure 3.1: Pinegreen Lighting CL-BLD2D10K-3CCT Low Profile LED Area Light. This image shows the side view of the brown-colored LED area light with its heat sink fins, clear ribbed lens, and mounting bracket.

Key features include:

- **Selectable CCT:** Choose from 3000K (Soft White), 4000K (Neutral), or 5000K (Daylight) to match your desired lighting ambiance.
- **Selectable Lumens:** Adjust brightness to 10,000 Lumens (80W), 8,000 Lumens (64W), or 6,000 Lumens (48W) based on your illumination needs.
- **Dusk to Dawn Photocell Sensor:** Automatically turns the light on at dusk and off at dawn. Includes a switch to disable this feature, allowing the light to remain on continuously.
- **Durable Construction:** Die-cast steel with thermoset coating and IP65 water-resistant rating for outdoor reliability.

4. SETUP AND INSTALLATION

This section outlines the general steps for installing the CL-BLD2D10K-3CCT LED Area Light. Specific mounting hardware and procedures may vary based on your installation surface (e.g., wall, pole). Always consult a qualified electrician for installation if you are unsure.

4.1. Pre-Installation Checklist

1. Verify that the power supply is turned OFF at the circuit breaker.
2. Ensure you have all necessary tools (e.g., screwdriver, wire strippers, drill, mounting hardware).
3. Confirm the installation location is suitable for outdoor electrical fixtures and can support the weight of the light.

4.2. Mounting the Fixture

1. Carefully unpack the fixture and inspect for any damage.
2. Attach the mounting bracket (if separate) to the desired surface using appropriate screws and anchors. Ensure it is securely fastened.

3. Feed the electrical wires from the power source through the designated opening in the fixture or mounting bracket.

4.3. Electrical Connections

1. Connect the fixture's wires to the supply wires according to standard electrical practices:

- Black wire (Live) to Black wire (Live)
- White wire (Neutral) to White wire (Neutral)
- Green/Bare Copper wire (Ground) to Green/Bare Copper wire (Ground)

2. Secure all connections with approved wire nuts or connectors.

3. Carefully tuck all wires into the junction box or fixture housing.

4.4. Final Assembly

1. Attach the light fixture to the mounting bracket, ensuring it is securely seated and all screws are tightened.

2. Verify that all seals and gaskets are properly in place to maintain the IP65 water-resistant rating.

3. Restore power at the circuit breaker.

5. OPERATING INSTRUCTIONS

Your Pinegreen Lighting LED Area Light offers customizable settings for both light color and brightness.

5.1. Adjusting CCT (Color Temperature)

The fixture features a switch, typically located near the wiring compartment or on the side of the unit, to select the desired Correlated Color Temperature (CCT). Ensure power is off before adjusting this switch.

- **3000K (Soft White):** Provides a warm, inviting light, similar to traditional incandescent bulbs.
- **4000K (Neutral):** A balanced white light, suitable for general outdoor illumination.
- **5000K (Daylight):** A bright, cool white light, ideal for security and task lighting.

Select the CCT setting that best suits your application and preference.

5.2. Adjusting Lumens (Brightness)

Similar to the CCT switch, there is a separate switch for adjusting the lumen output (brightness). Ensure power is off before adjusting this switch.

- **10,000 Lumens (80W):** Maximum brightness for large areas or high illumination needs.
- **8,000 Lumens (64W):** Medium brightness, suitable for most general applications.
- **6,000 Lumens (48W):** Lower brightness, ideal for accent lighting or smaller areas.

Choose the lumen setting that provides adequate illumination for your specific outdoor space.

5.3. Dusk to Dawn Photocell Sensor Operation

The integrated photocell sensor automatically detects ambient light levels to control the fixture's operation.

- When enabled, the light will automatically turn ON at dusk (when ambient light falls below a certain threshold) and turn OFF at dawn (when ambient light rises).
- A switch is provided to disable the photocell sensor. If disabled, the light will remain ON continuously when power is supplied, regardless of ambient light conditions. This is useful for applications requiring constant illumination or when controlled by an external timer.

6. MAINTENANCE

The Pinegreen Lighting CL-BLD2D10K-3CCT LED Area Light is designed for minimal maintenance due to its durable construction and long-lasting LED technology.

- Cleaning:** Periodically clean the lens and exterior of the fixture with a soft, damp cloth to remove dirt, dust, or debris. Do not use abrasive cleaners or solvents, as these may damage the finish or lens. Ensure power is off before cleaning.
- Inspection:** Annually inspect the fixture for any signs of physical damage, loose connections, or wear on the wiring. Address any issues promptly.
- LEDs:** The LEDs are integrated and not user-replaceable. The fixture is designed for a long operational life.

7. TROUBLESHOOTING

If you encounter issues with your LED Area Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn ON.	No power supply; loose wiring; faulty photocell sensor (if enabled); incorrect CCT/Lumens setting.	Check circuit breaker; verify all wire connections; ensure photocell is not obstructed or try disabling it; confirm CCT/Lumens switches are set correctly.
Light stays ON during the day.	Photocell sensor disabled; photocell sensor obstructed by shadow or debris; faulty photocell sensor.	Check if photocell switch is enabled; clear any obstructions from the sensor; if issue persists, contact support.
Light flickers or dims.	Unstable power supply; loose wiring; extreme temperature fluctuations.	Consult an electrician to check power supply stability; re-check wire connections; ensure operating within specified temperature range.
Incorrect CCT or Lumens output.	Switches not set correctly.	Ensure power is off, then re-adjust the CCT and Lumens selection switches to the desired setting.

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

8. SPECIFICATIONS

Attribute	Detail
Brand	Pinegreen Lighting
Model Number	CL-BLD2D10K-3CCT
Lumens Output	Selectable: 10,000 lm (80W), 8,000 lm (64W), 6,000 lm (48W)
Color Temperature (CCT)	Selectable: 3000K (Soft White), 4000K (Neutral), 5000K (Daylight)
Photocell Sensor	Integrated Dusk to Dawn (switchable)
Material	Die-cast steel with thermoset coating
Water Resistance Rating	IP65

Attribute	Detail
Weight	3 lbs
UPC	850034845906

9. WARRANTY AND SUPPORT

Pinegreen Lighting products are manufactured to high standards and are designed for durability. This CL-BLD2D10K-3CCT LED Area Light features a robust die-cast steel construction and an IP65 water-resistant rating, ensuring reliable performance in outdoor environments.

For specific warranty terms and conditions, please refer to the warranty information provided with your purchase or visit the official Pinegreen Lighting website. Protection plans may also be available for extended coverage.

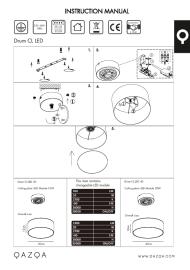
If you require technical assistance, have questions about installation, or need to report a defect, please contact Pinegreen Lighting customer support. Have your model number (CL-BLD2D10K-3CCT) and purchase details ready when contacting support.

For more information, visit the [Pinegreen Lighting Store on Amazon](#).



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Related Documents - CL-BLD2D10K-3CCT

	<p>Choierlight Type A+B T8 LED Tube: Features, Specifications, and Installation Guide</p> <p>Comprehensive guide to the Choierlight Type A+B T8 LED Tube, covering its features, electrical specifications, applications, installation instructions (plug & play and bypass), dimensions, and packing information. Includes 5-in-1 color and wattage selection.</p>
	<p>BLNAN LED Ceiling Light User Manual - LS-CL-G18W-Dim</p> <p>User manual for the BLNAN LS-CL-G18W-Dim LED Ceiling Light. Features include ultra-thin design, 3-color selectable (3000K/4000K/5000K), energy saving, and easy installation. Includes specifications and installation guide.</p>
	<p>Pinegreen Lighting CL-TP16C 16' Color Chasing LED Tape Light User Manual & Assembly Guide</p> <p>Comprehensive user manual and assembly guide for the Pinegreen Lighting CL-TP16C 16-foot color chasing LED tape light. Includes safety instructions, troubleshooting, warranty, and installation steps.</p>
	<p>QAZOA Drum CL LED Ceiling Light: Installation and Specifications</p> <p>Comprehensive instruction manual for the QAZOA Drum CL LED ceiling light, covering installation steps, technical specifications for Drum CL LED 30 and Drum CL LED 40 models, including lumen output, wattage, color temperature, and lifespan.</p>

	<p>FKI Sausage Cooker CL Series User Manual - Installation, Operation, and Maintenance</p> <p>Comprehensive user manual for FKI Fast Food Teknik's CL Series Sausage Cookers and Bain Maries. Covers installation, operation, safety, cleaning, maintenance, and technical specifications for commercial kitchen use.</p>
	<p>Brennenstuhl CL 1050 MA / CL 4050 MA Mobile LED Floodlight User Manual & Safety Guide</p> <p>Comprehensive user and safety instructions for the Brennenstuhl CL 1050 MA and CL 4050 MA mobile LED floodlights. This guide provides essential operating instructions, safety information, technical specifications, and maintenance details for reliable lighting solutions.</p>