

Parmida LED Technologies PLED-CNP70W5K-1P

PARMIDA LED Canopy Light (Model PLED-CNP70W5K-1P) Instruction Manual

70W Dimmable, 110-277VAC, IP65 Waterproof, 5000K

1. PRODUCT OVERVIEW

The PARMIDA LED Canopy Light is a high-efficiency, durable lighting solution designed for commercial and outdoor applications. This 70W fixture provides bright 5000K illumination with 8400 lumens output, offering significant energy savings compared to traditional lighting. Its robust construction ensures reliable performance in various environments.

- **Energy Efficient:** 70W LED replaces 350W HPS/HID, saving up to 80% on electricity.
- **Long Lifespan:** Rated for 50,000+ hours of operation.
- **Durable Construction:** IP65 waterproof rating, rugged die-cast aluminum housing, and UV stabilized powder coat paint for protection against fade and wear.
- **Dimmable:** Compatible with 0-10V dimmers, featuring Steady-Dim technology.
- **High Brightness:** 8400 lumens output with a 5000K color temperature for optimal luminescence.
- **Wide Application:** Ideal for parking lots, gas stations, underpasses, garages, and other commercial outdoor spaces.



Figure 1: Front view of the PARMIDA 70W LED Canopy Light.

This image displays the main unit of the PARMIDA 70W LED Canopy Light, highlighting its square form factor and clear lens designed for efficient light distribution.

2. 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, and may void the product warranty.

- **Electrical Safety:** All wiring must be performed by a qualified electrician in accordance with national and local electrical codes. Ensure power is disconnected at the circuit breaker before installation or servicing.
- **Grounding:** The fixture must be properly grounded to prevent potential electrical hazards.

- **Voltage Compatibility:** Verify that the supply voltage (110-277VAC) matches the fixture's requirements.
- **Handling:** Avoid touching the LED surface directly during installation or operation, as this may damage the light source.
- **Operating Environment:** Do not install in areas with excessive vibration, extreme temperatures outside the specified range (-40°F to 104°F), or corrosive atmospheres.
- **Modifications:** Do not attempt to modify or disassemble the fixture. Unauthorized modifications will void the warranty and may pose safety risks.

3. INSTALLATION

3.1 Pre-Installation

- Inspect the fixture for any damage before installation.
- Ensure all necessary tools and safety equipment are available.
- Confirm the mounting surface is structurally sound to support the fixture's weight (approximately 4.63 lbs).
- The package includes a mounting plate for easy installation.

3.2 Mounting Options

The PARMIDA LED Canopy Light offers flexible installation options to suit various mounting requirements.



Figure 2: Illustration of flexible installation options.

This image illustrates three primary installation methods: easy install with a mounting bracket, screw mounting without a bracket (alternate), and options for rear or side wiring access. The diagram also shows the location of the 3/4" rear wiring access and 1/2" side wiring access points on the fixture.

3.3 Wiring Instructions

The fixture supports 0-10V dimming. Proper wiring is crucial for both standard operation and dimming functionality.



Figure 3: 0-10V Dimmer Wiring Diagram.

This diagram shows the wiring connections for the 0-10V dimming system. The fixture requires a standard Line (Black), Ground (Green), and Neutral (White) connection. For dimming, connect the Purple wire to Dim+ and the Pink wire to Dim- on a compatible 0-10V dimmer switch. Ensure all connections are secure and insulated.

4. OPERATION

4.1 Powering On/Off

Once installed and wired correctly, the light can be powered on or off using the connected wall switch or circuit breaker.

4.2 Dimming Functionality

This fixture is equipped with 0-10V dimming capability. To utilize this feature, connect the purple and pink wires to a compatible 0-10V dimmer switch as shown in the wiring diagram (Figure 3). The dimmer allows adjustment of light output from 10% to 100% brightness.



Figure 4: Illustration of 0-10V dimming levels.

This image visually demonstrates the effect of 0-10V dimming, showing the light fixture at various brightness levels, from fully illuminated to significantly dimmed. This feature allows for adjustable light intensity to suit different needs and times of day.

5. MAINTENANCE

The PARMIDA LED Canopy Light is designed for minimal maintenance due to its durable construction and long-lasting LED technology.

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, damp cloth to remove dust and debris. Do not use abrasive cleaners or solvents. Ensure the power is off before cleaning.
- **Inspection:** Annually inspect the fixture for any signs of physical damage, loose wiring, or corrosion. Address any issues promptly.
- **Durability:** The fixture features an IP65 waterproof rating and a rugged die-cast aluminum body, providing protection against dust, water jets, and impact (IK08 rated). It is designed to operate reliably in temperatures ranging from -40°F to 104°F.

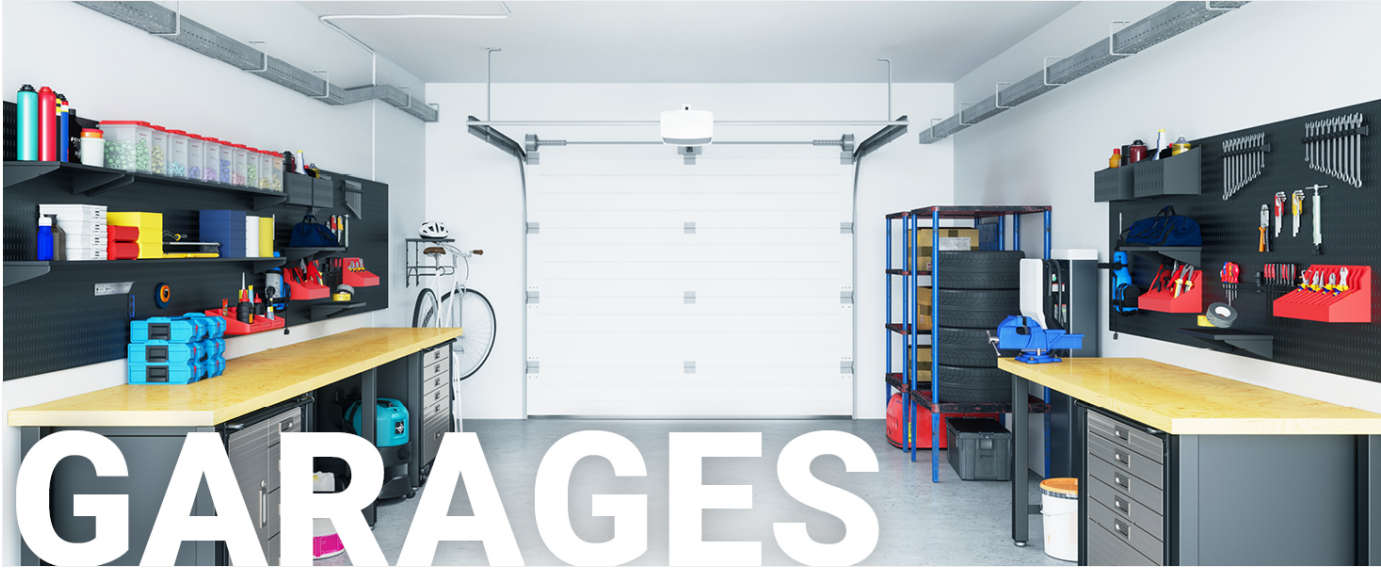


Figure 5: Features of the rugged design.

This image highlights the robust features of the canopy light, including its IP65 water resistance, rugged die-cast aluminum body, IK08 impact resistance, and wide operating temperature range, ensuring durability in harsh outdoor conditions.

6. TROUBLESHOOTING

If you encounter issues with your PARMIDA LED Canopy Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Loose wiring; Faulty switch/breaker	Check power source; Verify all wire connections are secure; Test switch/breaker.
Light flickers	Incompatible dimmer; Loose wiring; Voltage fluctuations	Ensure 0-10V dimmer is compatible; Check wiring connections; Consult an electrician for voltage stability.
Light output is low	Dimmer setting too low; Dirt/debris on lens	Adjust dimmer to higher setting; Clean the fixture lens.

If the problem persists after attempting these solutions, please contact customer support.

7. SPECIFICATIONS

Detailed technical specifications for the PARMIDA LED Canopy Light (Model PLED-CNP70W5K-1P).

PRODUCT SPECIFICATIONS



70W

8400
LUMENS

110-277V AC

5000K

0-10V
DIMMABLE



Figure 6: Product specifications and dimensions.

This image provides a visual summary of the product's key specifications, including its 70W power consumption, 8400 lumens output, 110-277V AC input, 5000K color temperature, and 0-10V dimmable feature. It also clearly shows the physical dimensions of the fixture: 9.6 inches length, 9.6 inches width, and 3.4 inches height.

Feature	Specification
Model Number	PLED-CNP70W5K-1P
Wattage	70W
Voltage	110-277VAC
Brightness	8400 Lumens
Color Temperature	5000K (White)

Feature	Specification
Dimming	0-10V Dimmable
IP Rating	IP65 Waterproof
Material	Die-cast Aluminum
Finish Type	Powder Coated (Bronze)
Product Dimensions	9.61"L x 9.61"W x 3.4"H
Item Weight	4.63 Pounds
Certifications	ETL-Listed
Lifespan	50,000+ hours

8. WARRANTY AND SUPPORT

The PARMIDA LED Canopy Light is backed by a comprehensive warranty and dedicated customer support.

8.1 Warranty Information

This product comes with a **5-Year Unlimited Warranty**. This warranty covers defects in materials and workmanship under normal use and service. Please retain your proof of purchase for warranty claims.



Figure 7: Warranty and product lifetime details.

This image highlights the key benefits of the product, including a 5-year unlimited warranty, a 50,000-hour lifetime, instant start capability, and energy savings through LED efficiency.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your PARMIDA LED Canopy Light, please contact Parmida LED Technologies customer support. Refer to the contact information provided with your purchase or visit the official Parmida LED Technologies website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question