

Armacost Lighting 263412

Armacost Lighting PureVue Dimmable LED Undercabinet Puck Light User Manual

Model: 263412 | Brand: Armacost Lighting

1. PRODUCT OVERVIEW

The Armacost Lighting PureVue Dimmable LED Undercabinet Puck Light (Model 263412) is designed for efficient and versatile undercabinet lighting. These RGB+W (Red, Green, Blue + White) LED puck lights offer a wide spectrum of colors and a pure 3000K white light, making them suitable for various indoor applications such as kitchens, bathrooms, bedrooms, living rooms, and dining rooms.

Featuring an ultra-thin design, these puck lights can be either surface-mounted or recessed for a seamless look. Proprietary PureVue diffusion technology minimizes visible LED reflections on countertops, ensuring a clean and uniform light output. They are energy-efficient, consuming approximately 4.4 watts per puck light, and are UL Listed for safety.



Image 1.1: Front view of the Armacost Lighting PureVue Dimmable LED Undercabinet Puck Light in white.



Image 1.2: The PureVue puck light highlighting its RGB+W color capabilities and 24-volt power requirement.

2. SAFETY INFORMATION

- Read all instructions before installation and use.
- This product is designed for **indoor use only**. Do not expose to water or high humidity.
- Ensure power is disconnected before installation or servicing.
- Use only with a compatible **24-volt DC power supply** and an Armacost Lighting RGB+W LED controller (sold separately).
- Do not attempt to modify or disassemble the puck light. This will void the warranty and may cause damage or injury.
- Keep out of reach of children.
- This product is **not water resistant**.

3. PACKAGE CONTENTS

Each Armacost Lighting PureVue Dimmable LED Undercabinet Puck Light package includes:

- 1 x PureVue Dimmable LED Puck Light
- 1 x Removable Trim Ring (for surface mounting)
- 1 x 36-inch wire lead

Note: A 24-volt power supply and an Armacost Lighting RGB+W LED Controller are required for operation and are sold separately.



Image 3.1: The PureVue puck light shown with a separate power supply and RGB+W LED controller, which are required for full functionality.

4. SPECIFICATIONS

Feature	Specification
Model Number	263412
Light Source Type	LED
Light Color	RGB+White (3000K)
Brightness	115 Lumens
Wattage	4.4 Watts (per puck)
Voltage	12 Volts DC (Requires 24V DC Power Supply)
Dimensions (L x W x H)	2.75" x 2.75" x 0.75"
Beam Angle	120°
Material	Plastic, Metal (Rugged aluminum housing)
Installation Type	Undercabinet (Surface or Recess Mount)
Indoor/Outdoor Usage	Indoor Only
Special Features	Energy Efficient, Dimmable, Color Changing, Low Voltage
Certifications	UL Listed
Weight	3.2 ounces



Image 4.1: Detailed dimensions and beam angle of the PureVue puck light.

5. INSTALLATION (SETUP)

The PureVue LED Puck Lights can be installed using either surface mount or recess mount methods. Ensure you have a compatible 24-volt DC power supply and an Armacost Lighting RGB+W LED controller before beginning installation.

5.1. Surface Mount Installation

1. Identify the desired location for the puck light under your cabinet.
2. Secure the removable trim ring to the mounting surface using appropriate screws (not included).
3. Route the 36-inch wire lead from the puck light to your power supply and controller.
4. Snap the puck light into the secured trim ring.

5. Connect the wire lead to your 24-volt DC power supply and Armacost Lighting RGB+W LED controller, following their respective installation instructions.

5.2. Recess Mount Installation

1. Identify the desired location for the puck light. Ensure there is sufficient clearance behind the mounting surface for the puck light body.
2. Carefully remove the trim ring from the puck light by gently twisting or prying it off.
3. Cut a circular hole in the mounting surface that matches the diameter of the puck light body (approximately 2.25 inches).
4. Route the 36-inch wire lead through the hole.
5. Insert the puck light into the hole until it sits flush with the surface. The spring clips on the side of the puck light will hold it in place.
6. Connect the wire lead to your 24-volt DC power supply and Armacost Lighting RGB+W LED controller, following their respective installation instructions.

Surface or recess mount

*Just remove trim ring
to recess mount*



0-100% smooth,
flicker-free,
no pop-on/off



Power
consumption
at 100%

Image 5.1: Illustration of how to achieve surface or recess mounting by removing the trim ring.

Important: Ensure all electrical connections are secure and comply with local electrical codes. If unsure, consult a

qualified electrician.

6. OPERATION

The Armacost Lighting PureVue RGB+W LED Puck Light requires an Armacost Lighting RGB+W LED controller (sold separately) for full functionality, including color selection and dimming. This controller typically operates via remote control.

1. **Power On/Off:** Use the power button on your Armacost Lighting RGB+W LED controller to turn the lights on or off.
2. **Color Selection:** Use the color selection buttons on your controller to choose from a wide range of RGB colors.
3. **White Light:** Select the dedicated white light button to activate the pure 3000K white light.
4. **Dimming:** Use the dimmer controls on your controller to adjust the brightness from 0-100%. The lights offer smooth, flicker-free dimming.
5. **Preset Modes:** Your controller may offer various preset color modes or effects. Refer to your controller's manual for specific instructions.



Image 6.1: The PureVue puck light displaying various color outputs, controlled by an Armacost Lighting RGB+W LED controller.

7. MAINTENANCE

The Armacost Lighting PureVue LED Puck Lights require minimal maintenance.

- **Cleaning:** To clean the puck light, ensure power is off. Wipe gently with a soft, dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the finish or electronic components.
- **Inspection:** Periodically inspect the wiring and connections for any signs of wear or damage. If any damage is observed, disconnect power immediately and contact Armacost Lighting support.
- **LED Lifespan:** The LEDs are designed for a long lifespan and do not require replacement.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power to the system. Loose wiring connection. Faulty power supply or controller.	Check if the power supply is plugged in and receiving power. Verify all wire connections are secure. Test power supply and controller if possible. Replace if faulty.
Lights flicker or dim inconsistently.	Incompatible dimmer/controller. Loose connection. Overloaded power supply.	Ensure you are using an Armacost Lighting RGB+W LED controller. Check all wiring connections. Verify total wattage of connected lights does not exceed power supply capacity.
Colors are incorrect or not changing.	Controller issue. Incorrect wiring.	Ensure the controller is properly paired and functioning. Refer to controller manual. Verify RGB+W wiring connections are correct.
Visible reflections on countertop.	Light angle/position.	While PureVue technology minimizes reflections, slight adjustments to puck light position or beam direction (if possible) may help.

If you continue to experience issues, please contact Armacost Lighting customer support.

9. WARRANTY AND SUPPORT

9.1. Warranty Information

The Armacost Lighting PureVue Dimmable LED Undercabinet Puck Light (Model 263412) comes with a **3-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, misuse, abuse, unauthorized modifications, or acts of nature.

For full warranty terms and conditions, please refer to the official Armacost Lighting website or contact customer support.

9.2. Customer Support

For technical assistance, warranty claims, or general inquiries, please contact Armacost Lighting customer support:

- **Website:** www.armacostlighting.com
- **Phone:** Refer to the website for current contact numbers.
- **Email:** Refer to the website for current contact email.

Please have your product model number (263412) and proof of purchase ready when contacting support.

