

## Armacost Lighting 263413

# Armacost Lighting PureVue Dimmable LED Undercabinet Puck Light User Manual

Model: 263413

## 1. INTRODUCTION

---

Thank you for choosing the Armacost Lighting PureVue Dimmable LED Undercabinet Puck Light. This product is designed to provide versatile and energy-efficient lighting for various indoor applications, including kitchens, bathrooms, bedrooms, living rooms, and dining rooms. Its RGB+W functionality allows for a wide range of color displays and a pure 3000K white light, enhancing the ambiance of any space. This manual provides essential information for the safe installation, operation, and maintenance of your new puck light.



Image: The Armacost Lighting PureVue Dimmable LED Undercabinet Puck Light in black finish.

## 2. SAFETY INFORMATION

---

Please read all instructions carefully before installation and use. Retain this manual for future reference.

- This product is designed for **indoor use only**. Do not expose to water or moisture.
- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- This LED puck light operates on **12 Volts DC**. It requires a compatible 24-volt power supply and an Armacost Lighting RGB+W LED controller, both sold separately.
- Do not connect directly to AC power.
- The product is **UL Listed**, ensuring it meets specific safety standards.
- Do not attempt to modify or disassemble the light fixture. This will void the warranty and may cause electrical hazards.
- Keep out of reach of children.

## 3. PACKAGE CONTENTS

---

Verify that all components are present and undamaged upon opening the package:

- 1 x PureVue LED Puck Light (Black)
- 1 x Removable Trim Ring
- 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.



**Sold individually**

Create a custom installation by purchasing the exact number of lights needed

24-volt power supply & Armacost Lighting RGB+W LED Controller required (sold separately)

Image: The puck light is sold individually and requires a separate 24-volt power supply and Armacost Lighting RGB+W LED Controller for a complete installation.

#### 4. PRODUCT FEATURES

- **Multicolor RGB+W LED:** Blends red, green, and blue with white LED lights to produce a wide variety of rich colors and a pure 3000K white.
- **Dimmable:** Features 0-100% smooth, flicker-free dimming capability.
- **Ultra-Thin Design:** Allows for discreet installation.
- **Versatile Mounting:** Can be surface or flush mounted for under-counter lighting.
- **Proprietary Diffusion Technology:** Prevents visible countertop reflections, ensuring even light distribution.
- **Energy Efficient:** Consumes only 4.4 watts per puck light.
- **Linkable:** PureVue LED puck lights can be linked together with other under-counter LED lighting products for expanded installations.
- **Rugged Aluminum Housing:** Durable construction.



**24**  
**VOLT**



Image: The puck light supports RGB+W color options and operates on 24 volts.

## 5. INSTALLATION AND SETUP

---

### 5.1 Mounting Options

The PureVue puck light offers both surface and recess mounting options.

- **Surface Mount:** Use the included trim ring to mount the puck light directly onto a flat surface. Secure with appropriate screws (not included).
- **Recess Mount:** Remove the trim ring to recess the puck light into a drilled hole. The required hole diameter is approximately 2.25 inches (57mm). Ensure sufficient depth for the light fixture (0.75 inches or 19mm).



## 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: Instructions for surface or recess mounting. The trim ring can be removed for recess mounting.



**Surface  
or recess  
mount**

*Just remove  
trim ring to  
recess mount*

Image: Examples of puck lights installed using both surface and recess mounting techniques under kitchen cabinets.

### 5.2 Wiring

Each puck light comes with a 36-inch wire lead. Connect the wire lead to an Armacost Lighting RGB+W LED controller, which in turn connects to a 24-volt DC power supply. Ensure all connections are secure and follow the polarity markings (+/-).

- Always disconnect power before making any electrical connections.
- Do not exceed the maximum wattage rating of your 24-volt power supply when connecting multiple puck lights.
- Consult a qualified electrician if you are unsure about any wiring procedures.

## 6. OPERATING INSTRUCTIONS

The Armacost Lighting PureVue Dimmable LED Puck Light is controlled via a compatible Armacost Lighting RGB+W LED controller (sold separately).

- **Power On/Off:** Use the power button on your RGB+W LED controller to turn the lights on or off.
- **Dimming:** Use the dimming controls on your controller to adjust the brightness from 0% to 100%.
- **Color Selection:** The RGB+W controller allows you to select from a wide range of colors, including a pure 3000K white. Refer to your controller's manual for specific instructions on color changing modes and presets.



Image: The puck light can display various colors, including 3000K white, and requires an Armacost Lighting RGB+W LED controller (sold separately).



## White

*Four color temperature models available*



## Tunable White

*Select shades of white from 2700K to 5000K*



## RGB+W

*Select multiple colors, including 3000K white*

Image: This model supports RGB+W, allowing selection of multiple colors including 3000K white.

## 7. MAINTENANCE

The Armacost Lighting PureVue LED Puck Light requires minimal maintenance.

- **Cleaning:** Ensure the power is off before cleaning. Wipe the light fixture with a soft, dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the finish or electrical components.
- **Bulb Replacement:** The LED light source is integrated and non-replaceable. The fixture is designed for a long lifespan.

## 8. TROUBLESHOOTING

If you experience issues with your PureVue LED Puck Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture; loose connection; faulty power supply or controller.	Check power supply connection. Ensure controller is properly connected and powered. Verify all wiring connections are secure. Test power supply and controller if possible.
Light flickers or dims unexpectedly.	Insufficient power supply; loose connection; incompatible controller.	Ensure power supply wattage is sufficient for all connected lights. Check all wiring connections. Confirm you are using an Armacost Lighting RGB+W LED controller.
Colors are incorrect or unresponsive.	Controller issue; wiring polarity incorrect.	Refer to your RGB+W controller's manual for troubleshooting. Verify wiring polarity (+/-) between the light and controller.

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

## 9. SPECIFICATIONS

Attribute	Value
Brand	Armacost Lighting
Model Name	PureVue
Part Number	263413

Attribute	Value
Color	Black
Style	RGB+White (3000K)
Light Fixture Form	Puck
Material	Plastic, Metal
Product Dimensions	2.75"L x 2.75"W x 0.75"H
Item Weight	3.2 ounces (0.2 Pounds)
Power Source	DC
Voltage	12 Volts
Wattage	4.4 watts
Brightness	115 Lumen
Light Color Temperature	3000 Kelvin (White)
Beam Angle	120°
Control Method	Remote (via compatible controller)
Installation Type	Undercabinet (Surface or Recess Mount)
Indoor/Outdoor Usage	Indoor
Certification	UL Listed
UPC	810976033618





Image: Key dimensions and beam angle of the puck light.

## 10. WARRANTY AND SUPPORT

This Armacost Lighting PureVue Dimmable LED Undercabinet Puck Light comes with a **3-year limited warranty**.

For warranty claims, technical support, or further inquiries, please visit the official Armacost Lighting website or contact their customer service department. Please have your model number (263413) and proof of purchase ready when contacting support.

Armacost Lighting is based in Baltimore, Maryland, and is a leader in the design and manufacturing of energy-efficient LED lighting, LED drivers, dimmers, controllers, and accessories.


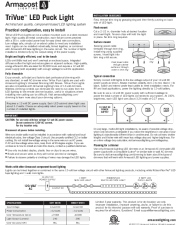



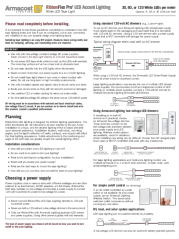
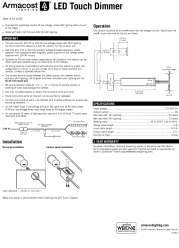
Based in Baltimore, Maryland,  
Armacost Lighting is a leader in the design  
and manufacturing of energy-efficient LED  
lighting, LED drivers, dimmers, controllers,  
and accessories.

DESIGNED IN THE  U.S. BASED SHIPPING & SUPPORT

Image: Information about Armacost Lighting, highlighting their focus on energy-efficient LED solutions and U.S. based support.

## Related Documents - 263413

	<p><a href="#">Armacost Lighting LED Downlight: Installation Guide, Features, and Specifications</a></p> <p>Comprehensive installation guide for Armacost Lighting LED Downlights. Learn about features, safety precautions, wiring, dimming compatibility, and technical specifications for these architectural-quality, component-based LED lighting fixtures.</p>
	<p><a href="#">Armacost Lighting Wafer Thin LED Puck Light Installation and Specifications</a></p> <p>Detailed guide for installing and using Armacost Lighting's Wafer Thin LED Puck Lights. Covers practical installation, wiring, dimming compatibility, and technical specifications for these architectural-quality, component-based LED lighting systems.</p>
	<p><a href="#">Armacost Lighting TriVue LED Puck Light Installation and Features</a></p> <p>Comprehensive guide to the Armacost Lighting TriVue LED Puck Light, covering installation, features, specifications, and compatibility with other Armacost lighting systems. Learn about surface and flush mounting, dimming options, and typical wiring configurations for this architectural-quality LED lighting.</p>
	<p><a href="#">Armacost Lighting Slimline RGB+W Color LED Controller with RF Remote Control - Model 723422</a></p> <p>User guide and specifications for the Armacost Lighting Slimline RGB+W Color LED Controller (Model 723422), featuring RF remote control for color, brightness, and dynamic effect adjustments.</p>

	<p><a href="#">Armacost Lighting RibbonFlex Pro LED Accent Tape Light Installation Guide</a></p> <p>Comprehensive installation guide for Armacost Lighting's RibbonFlex Pro LED accent tape lights, covering planning, power supply selection, wiring, installation techniques, and troubleshooting. Includes wattage calculations, voltage drop explanations, and connector usage.</p>
	<p><a href="#">Armacost Lighting LED Touch Dimmer   Low Voltage LED Control   Item 511220</a></p> <p>Learn about the Armacost Lighting LED Touch Dimmer (Item # 511220). This device offers full brightness control for 12V DC and 24V DC single-color LED lighting. Includes specifications, installation guide, and warranty information.</p>