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Enbrighten 81812-T1

Enbrighten Recessed Surface LED Puck Lights User Manual

Model: 81812-T1

1. Product Overview

The Enbrighten Recessed Surface LED Puck Lights provide versatile and customizable lighting for various indoor spaces such as kitchens, pantries, offices, and workspaces. This 3-pack system offers bright, diffused illumination with adjustable white color temperatures and flexible installation options.



Figure 1.1: Enbrighten LED Puck Light Kit. This image displays the three LED puck lights, the main power cord with an in-line on/off switch, and a linking cable, illustrating the complete kit components.

2. Package Contents

Please verify that all items listed below are included in your package:

- 3 x Enbrighten LED Puck Lights
- 1 x Power Cord with In-line ON/OFF Switch and Flat Plug
- Linking Cords (pre-attached or separate, for connecting pucks)
- Mounting Hardware (screws for surface mount, clips for recessed mount)

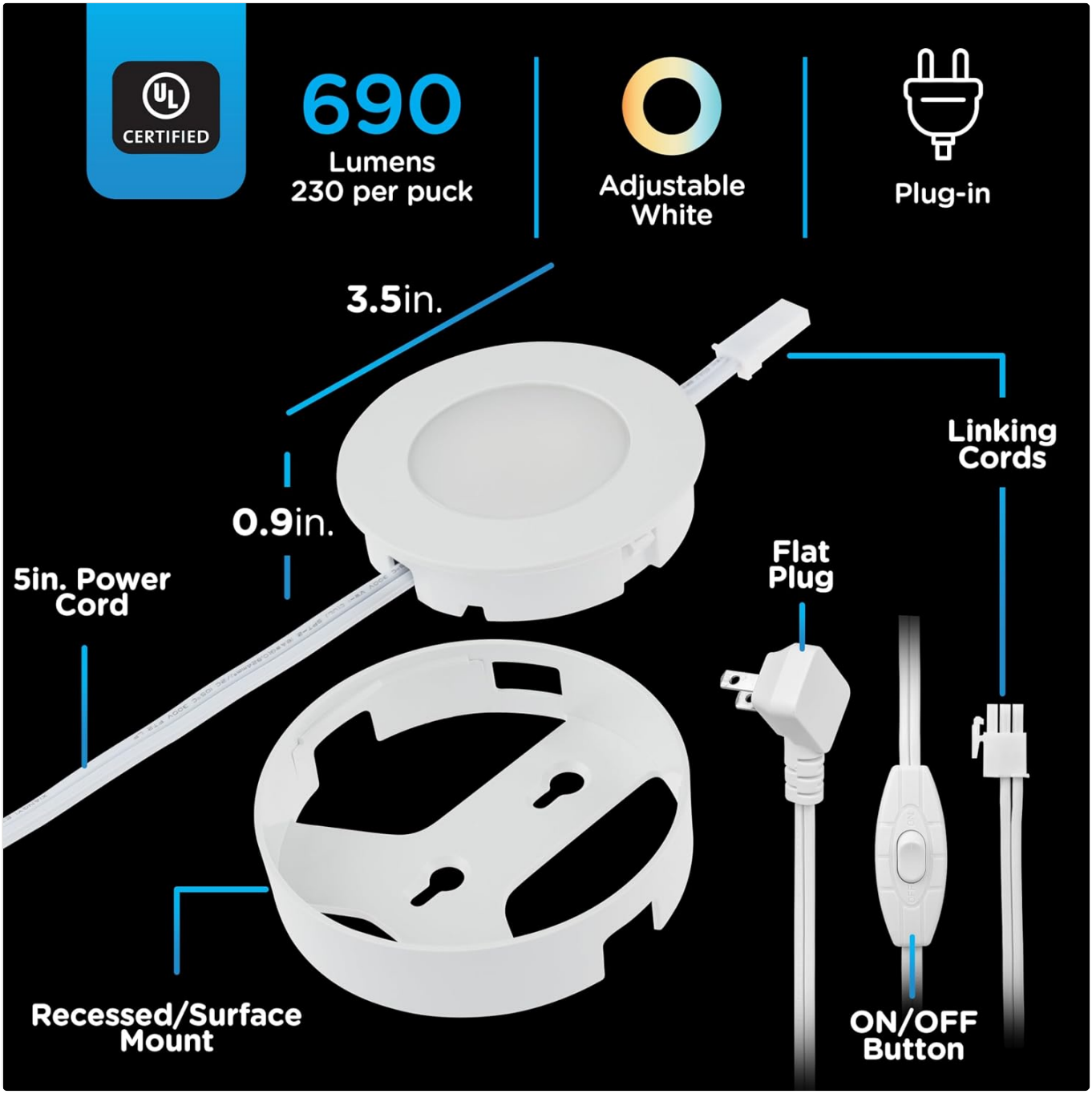


Figure 2.1: Component Diagram. This diagram illustrates the individual parts of the puck light system, including the puck light itself with dimensions (3.5in diameter, 0.9in height), linking cords, 5in power cord, flat plug, ON/OFF button, and the recessed/surface mount base.

3. Safety Information

Read all instructions before installation and use. Retain this manual for future reference.

- **Indoor Use Only:** This product is designed for indoor dry locations. Do not use outdoors or in wet conditions.
- **Electrical Safety:** Ensure the power outlet is easily accessible and properly grounded. Do not overload electrical outlets.
- **Ventilation:** Do not cover the puck lights or power supply with materials that may restrict airflow, as this can cause overheating.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Non-Replaceable LEDs:** The LED light sources in this product are not replaceable. Do not attempt to open or modify the puck lights.

4. Setup and Installation

These puck lights can be installed using either surface mount or recessed mount methods. No wiring is required for standard plug-in installation.

4.1 Mounting the Puck Lights

Choose your desired location for each puck light. Ensure the surface is clean and dry.

1. **Surface Mount:** Use the provided screws to attach the mounting base directly to the desired surface (e.g., under a cabinet). Once the base is secure, twist the puck light onto the base until it locks into place.
2. **Recessed Mount:** Cut a hole of appropriate diameter (refer to product specifications for exact size, typically 3.5 inches) in the desired surface. Insert the puck light into the hole; the spring clips on the sides will hold it in place.



Figure 4.1: Easy Plug-In Installation. This image shows a screwdriver being used to secure the mounting base of a puck light to a surface, demonstrating the simple installation process.

4.2 Connecting Multiple Pucks

The Enbrighten puck lights are linkable, allowing you to connect up to 40 puck lights to a single power source.

1. Connect the linking cords between each puck light. Ensure the connectors are fully seated.
2. Maintain a maximum spacing of 20 inches between pucks using the provided linking cords.



Figure 4.2: Linkable Fixtures. This image shows hands connecting two puck lights using a linking cord, illustrating how to expand the lighting system.

4.3 Power Connection

Once all puck lights are mounted and connected, plug the flat plug of the power cord into any standard indoor 120VAC outlet.



Figure 4.3: Flat Plug Design. This image displays the space-saving flat plug inserted into a standard wall outlet, angled upwards for a discreet installation.

4.4 Direct-Wire Dimmable Option (Optional)

For permanent installations and dimming functionality, the puck lights can be direct-wired to a compatible LED in-wall dimmer. This requires a plug-in-to-hardwire converter (both sold separately) and professional installation is recommended.

5. Operating Instructions

5.1 Turning On/Off

Use the in-line ON/OFF switch located on the power cord to turn the puck lights on or off.

5.2 Adjusting Color Temperature

The Enbrighten puck lights offer five adjustable white color temperature settings. To cycle through the settings, press the button located on one of the puck lights (or the designated control button if present on the switch). Each press will

change the color temperature in the following sequence:

- **2700K:** Soft White
- **3000K:** Warm White
- **4000K:** Cool White
- **5000K:** Daylight
- **6500K:** Cool Daylight



Figure 5.1: Choose Your Light. This image displays five different kitchen settings, each illuminated with a different white color temperature (2700K, 3000K, 4000K, 5000K, 6500K), demonstrating the adjustable white feature.

6. Maintenance

The Enbrighten LED Puck Lights require minimal maintenance.

- **Cleaning:** Ensure the lights are turned off and unplugged before cleaning. Wipe the surfaces with a soft, dry, lint-free cloth. Do not use abrasive cleaners, solvents, or sprays directly on the lights.

- **LED Lifespan:** The integrated LED lights are designed for long-term use and are not user-replaceable.

7. Troubleshooting

If you encounter issues with your Enbrighten LED Puck Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on	No power to the unit; loose connections; faulty outlet.	Check if the power cord is securely plugged into a working outlet. Ensure all pucks are properly connected. Verify the in-line switch is in the 'ON' position.
Lights flicker	Loose connections; incompatible dimmer (if hardwired); power fluctuations.	Check all linking cord connections. If hardwired, ensure the dimmer is LED-compatible. Try plugging into a different outlet.
Inconsistent light color	Pucks are not synchronized; internal issue.	Cycle through the color temperature settings on the control button until all pucks display the desired color. If the issue persists, contact customer support.

8. Specifications

Feature	Specification
Model Number	81812-T1
Input Voltage	120VAC, 60Hz
Light Source	Integrated LED
Total Brightness	690 Lumens (230 Lumens per puck)
Color Temperature	Adjustable: 2700K, 3000K, 4000K, 5000K, 6500K
CRI	91
Mounting Type	Surface Mount, Recessed Mount
Linkable	Up to 40 puck lights
Indoor/Outdoor Use	Indoor Use Only
Material	Plastic

9. Warranty

This Enbrighten product is backed by a **Limited Lifetime Warranty**. For specific terms and conditions, please refer to the warranty information provided with your product packaging or visit the official Enbrighten website.

10. Support

If you have any questions, require technical assistance, or need to report a problem with your Enbrighten Recessed Surface LED Puck Lights, please contact Enbrighten customer support. You can typically find contact information on the product packaging or by visiting the official Enbrighten website: byjasco.com/support

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