

DINGLILIGHTING WS-FPP11-6-12-2-B

DLLT 6-Inch 5CCT Dimmable LED Recessed Ceiling Light

Model: WS-FPP11-6-12-2-B

1. IMPORTANT SAFETY INFORMATION

Please read and understand all instructions before beginning installation. Failure to follow these instructions may result in electric shock, fire, or other hazards that could cause personal injury or property damage. Keep this manual for future reference.

- **Electrical Safety:** Always turn off power at the circuit breaker before installing or servicing the fixture. Ensure all electrical connections comply with local codes and ordinances.
- **Certified Product:** These DLLT LED recessed lights are ETL and FCC certified, ensuring they meet high safety and performance standards. They are also moisture-proof and fire-resistant.
- **Indoor Use Only:** This product is designed for indoor use in dry or damp locations. Do not install in wet locations or areas exposed to direct water spray.
- **Proper Grounding:** Ensure the fixture is properly grounded to avoid potential electrical hazards.

2. PRODUCT OVERVIEW

The DLLT 6-inch 5CCT Dimmable LED Recessed Ceiling Light offers a modern, ultra-thin lighting solution for various indoor spaces. Its design minimizes ceiling space requirements, making it suitable for diverse ceiling types.

Key Features:

- **Ultra-Thin Design:** Requires only 2 inches of ceiling space, ideal for installations with limited overhead clearance.
- **5CCT Selectable:** Choose from 5 color temperatures (2700K Soft White, 3000K Warm White, 3500K Neutral White, 4000K Cool White, 5000K Daylight) to match your desired ambiance.
- **Smooth Dimming:** Compatible with most dimmers, allowing for 5% to 100% brightness adjustment.
- **Energy Efficient:** 12W power consumption provides 1200LM brightness, equivalent to a 110W halogen lamp, saving energy costs.
- **Durable Construction:** Crafted with heat-dissipating aluminum and sturdy spring clips for secure installation.



Figure 2.1: Better Design Features - Illustrates the 5CCT switch, premium LED chips, aluminum ring, and ultra-thin body.

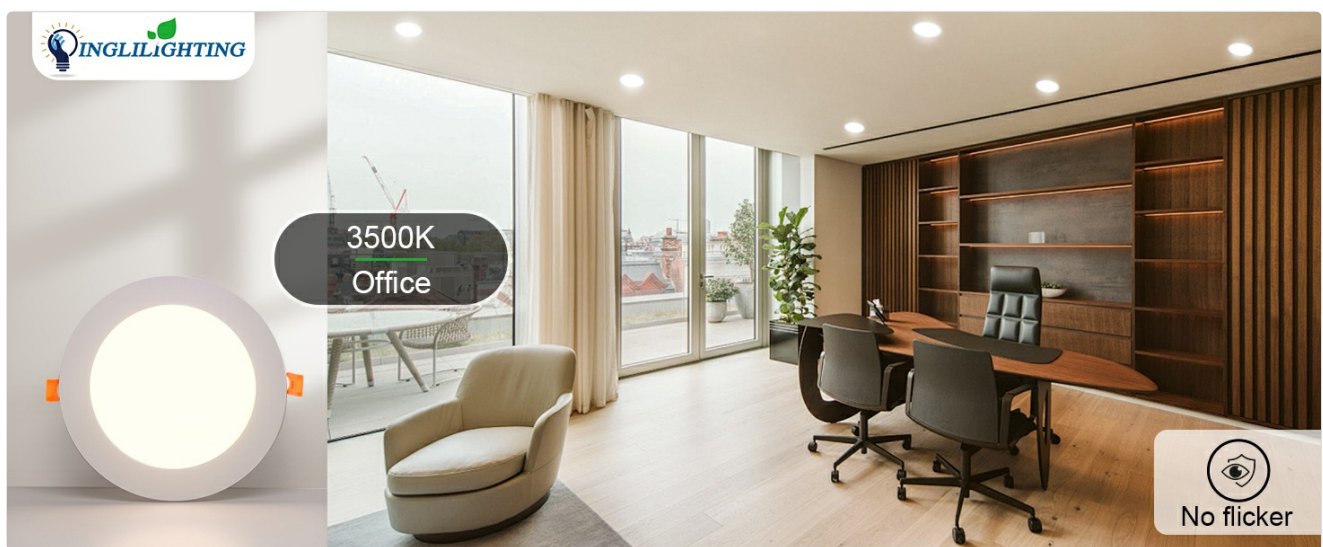


Figure 2.2: Safety & Durable Construction - Shows the metal components for enhanced heat dissipation.

3. INSTALLATION INSTRUCTIONS

Follow these steps for a safe and proper installation of your DLLT LED recessed lights. A cutting template is included in the box for precise hole cutting.

1. **Turn Off Power:** Before starting, ensure the power supply to the installation area is turned off at the circuit breaker to prevent electric shock.
2. **Cut the Hole:** Use the provided cutting template to mark and cut a 6-inch diameter hole in the ceiling. Ensure there are no obstructions like joists or pipes in the chosen location.
3. **Connect Wiring to Junction Box:** Open the junction box. Connect the household electrical wires (live, neutral, ground) to the corresponding wires inside the junction box using the provided wire nuts. Ensure connections are secure.
4. **Select Color Temperature (CCT):** Before mounting, use the switch on the side of the junction box to select your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K).
5. **Connect Light Panel to Junction Box:** Connect the cable from the LED light panel to the cable from the junction box. The connectors are designed to screw together securely.
6. **Place Junction Box:** Carefully push the wired junction box through the cut-out hole into the ceiling cavity.

7. **Mount Light Panel:** Squeeze the spring clips on the LED light panel and insert the panel into the ceiling hole. Release the clips to secure the light firmly in place against the ceiling. The strong spring clips accommodate various ceiling thicknesses, from soffit to double drywall.
8. **Restore Power:** Once all lights are installed, turn the power back on at the circuit breaker.

Figure 3.1: Product Dimensions - Provides measurements for the light panel and junction box.

Highly Adaptable Dimmer

LUTRON	LEVITON
PD6WCL	IPL06
MSCL-OP153M	DSL06
DVCL-153P/153PL	6631
SCL-600P	IPI06
SLV-600P	6674
MACL-153M	
DV-600P	
AY-600P	
D-603PH	
MA-600	



Note: Smart dimmers are not recommended.

Figure 3.2: Spring Clip Installation - Demonstrates how the spring clips secure the light in different ceiling thicknesses.

Installation Video:

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Video 3.1: Installation Guide for DLLT LED Recessed Ceiling Light. This video demonstrates the step-by-step process of installing the recessed light, including wiring the junction box and mounting the light panel.

4. OPERATING INSTRUCTIONS

Your DLLT LED recessed lights offer versatile lighting options to suit any mood or task.

Color Temperature Selection:

The color temperature (CCT) is set using a switch on the junction box during installation. This allows you to choose between 2700K (Soft White), 3000K (Warm White), 3500K (Neutral White), 4000K (Cool White), and 5000K (Daylight). Once installed, the CCT cannot be changed without accessing the junction box.

Better Design

Up to 50000 hours life span



Figure 4.1: 5CCT in One - Examples of different color temperatures in various room settings.

Dimming Function:

These lights are designed for smooth dimming from 5% to 100% brightness. To utilize the dimming feature, ensure you have a compatible dimmer switch installed. The lights are compatible with most standard dimmers on the market.



Figure 4.2: Stepless Dimming - Shows the dimming range and compatible dimmer models.



Figure 4.3: Highly Adaptable Dimmer List - Specific dimmer models recommended for compatibility.

The lights are designed to operate without flicker or noise, providing a comfortable lighting experience.



Figure 4.4: No Flicker & No Noise - Illustrates the stable light output.

5. MAINTENANCE

DLLT LED recessed lights are designed for long-lasting performance with minimal maintenance.

- **Cleaning:** To clean the light fixture, ensure the power is off. Use a soft, dry or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners, as these can damage the finish or electrical components.
- **No User-Serviceable Parts:** The LED components are integrated and not user-serviceable. Do not attempt to open or repair the fixture.
- **Longevity:** With a lifespan of up to 50,000 hours, these lights are built to provide years of reliable illumination.

6. TROUBLESHOOTING

If you encounter issues with your DLLT LED recessed lights, refer to the following common troubleshooting steps:

- **Light Does Not Turn On:**
 - Check the circuit breaker to ensure power is supplied to the fixture.
 - Verify all wire connections in the junction box are secure.
 - Ensure the light panel is properly connected to the junction box.
- **Light Flickers or Dims Incorrectly:**
 - Confirm that the dimmer switch is compatible with LED lighting and specifically with this fixture (refer to compatible dimmer list in Operating Instructions).
 - Check for loose wiring connections.
- **Incorrect Color Temperature:**
 - The CCT selection switch is located on the junction box. If the color is not as desired, you will need to remove the light panel to access the junction box and adjust the switch.

If these steps do not resolve the issue, please contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	DINGLILIGHTING
Model Number	WS-FPP11-6-12-2-B
Size	6 inch
Material	Aluminum, Plastic
Light Source Type	LED
Wattage	12 Watts
Brightness	1200 Lumens
Color Temperature	5CCT (2700K, 3000K, 3500K, 4000K, 5000K)
Dimmable	5%-100%
Voltage	120 Volts
Lifespan	50,000 hours
Installation Type	Flush Mount
Room Type	Living room, Bedroom, Kitchen, Hallway
Certifications	ETL, FCC
Water Resistance Level	Water Resistant (Damp Rated)
Product Dimensions	6.61"L x 6.61"W x 0.71"H
Item Weight	9.92 pounds (for 12-pack)

8. WARRANTY AND SUPPORT

Your DLLT LED Recessed Ceiling Lights come with a comprehensive warranty and dedicated customer support.

- **Warranty:** Enjoy peace of mind with a **5-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
- **Returns:** A **30-day return policy** is available for your convenience. Please refer to the retailer's return policy for specific details.
- **Customer Support:** For any questions, troubleshooting assistance, or warranty claims, please contact the seller or manufacturer directly. Refer to your purchase documentation for contact information.