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Philips LED 800037

Philips 5-6 Inch 65W Equivalent LED Dimmable Downlight (2700K Soft White)

Instruction Manual

1. Product Overview

The Philips 5-6 Inch 65W Equivalent LED Dimmable Downlight is designed to convert standard 5/6 inch recessed cans into an energy-efficient LED lighting solution. This retrofit downlight features a soft white light (2700K) and a white trim, making it suitable for various indoor and outdoor applications.

Key features include:

- **Energy Efficiency:** Consumes 10 Watts, equivalent to a 65 Watt incandescent bulb.
- **Dimmable:** Fully dimmable to 10% of full light levels.
- **Long Lifespan:** Rated for 50,000 hours, providing approximately 45 years of use based on typical usage.
- **Versatile Application:** Suitable for wet and dry locations, including kitchens, living rooms, bedrooms, bathrooms, showers, and outdoor covered areas.
- **Instant-On:** Provides immediate illumination without warm-up time.





Image 1.1: Front view of the Philips 5-6 Inch LED Dimmable Downlight, showcasing its white trim and integrated LED light source.

2. Safety Information

Please read and understand all instructions before installing or using this product. Failure to do so may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Always turn off power at the circuit breaker before installation, removal, or maintenance.
- **Qualified Electrician:** If you are unsure about the installation process, consult a qualified electrician.
- **Voltage Compatibility:** Ensure the supply voltage (120V) matches the product's requirements.
- **Dimmers:** Use only with compatible LED dimmers. Refer to the dimmer manufacturer's instructions for compatibility.
- **Operating Temperature:** Do not install in areas where the operating temperature exceeds the product's specified limits.
- **Damage:** Do not use if the product or its components are damaged.
- **Disassembly:** Do not attempt to disassemble or modify the product. There are no user-serviceable parts inside.

3. Package Contents

Verify that all components are present before beginning installation:

- Philips 5-6 Inch LED Dimmable Downlight Unit
- Medium Base Socket Adapter (E26)

4. Setup and Installation

This LED downlight is designed for easy retrofit installation into existing 5-6 inch recessed can housings.

Installation Steps:

1. **Turn Off Power:** Before starting, ensure the power to the recessed can fixture is turned off at the circuit breaker.
2. **Remove Existing Bulb:** Carefully remove the existing light bulb from the recessed can.
3. **Screw in Adapter:** Screw the provided medium base socket adapter into the existing socket of the recessed can.
4. **Connect Downlight:** Plug the connector from the LED downlight unit into the connector on the medium base socket adapter.
5. **Insert Downlight:** Gently push the LED downlight unit into the recessed can. The spring clips on the sides of the downlight will secure it in place. Ensure the downlight sits flush with the ceiling.
6. **Restore Power:** Once the downlight is securely installed, restore power at the circuit breaker.



Image 4.1: The Philips LED Downlight showing the integrated spring clips and the E26 screw-in adapter for easy installation into existing recessed can fixtures.

5. Operating Instructions

Operating the Philips LED Dimmable Downlight is straightforward:

- **Power On/Off:** Use your existing wall switch to turn the light on or off. The downlight provides instant illumination.
- **Dimming:** If connected to a compatible dimmer switch, adjust the dimmer to achieve your desired light level. The downlight is designed to dim smoothly to 10% of its full brightness.
- **Light Color:** The downlight emits a consistent 2700K soft white light, ideal for creating a warm and inviting atmosphere.

6. Maintenance

The Philips LED Dimmable Downlight is designed for minimal maintenance due to its long lifespan.

- **Cleaning:** Ensure power is off before cleaning. Wipe the surface of the downlight with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **No Bulb Replacement:** The LED light source is integrated and not user-replaceable. The long 50,000-hour lifespan eliminates the need for frequent bulb changes.

7. Troubleshooting

If you encounter issues with your downlight, refer to the following common solutions:

- **Light Does Not Turn On:**
  - Check if the power is on at the circuit breaker.
  - Ensure the light switch is in the 'ON' position.
  - Verify that the medium base socket adapter is securely screwed into the can's socket and the downlight's connector is firmly plugged in.
- **Light Flickers or Dims Incorrectly:**
  - Confirm that your dimmer switch is compatible with LED lighting. Incompatible dimmers can cause flickering or poor dimming performance.
  - Ensure the dimmer is properly installed according to its manufacturer's instructions.
- **Light is Not Flush with Ceiling:**
  - Gently push the downlight further into the recessed can until the spring clips fully engage and hold it flush.

If problems persist, contact Philips customer support.

8. Specifications

Specification	Detail
Model Number	800037
Size	5-6 Inch
Wattage	10 Watts (65 Watt Equivalent)
Voltage	120 Volts
Color Temperature	2700 Kelvin (Soft White)
Brightness	610 Lumens
Lifespan	50,000 Hours (approx. 45 years)
Dimmable	Yes
Indoor/Outdoor Use	Suitable for wet and dry locations

Specification	Detail
Certifications	ENERGY STAR Certified
Material	Plastic (Shade), Copper (Finish)
Product Dimensions	4.8 x 5 x 5 inches
Item Weight	5.25 Pounds

9. Warranty and Support

This Philips LED Dimmable Downlight comes with a**5-year warranty**. Please refer to the product packaging for full warranty details and terms.

For technical support, warranty claims, or further assistance, please visit the official Philips Lighting website or contact their customer service department. Contact information can typically be found on the product packaging or the Philips website.

Online Resources: For additional information, FAQs, and product registration, please visitwww.philips.com/lighting.

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