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## Philips 800144

# Philips 800144 Downlight Surface Mounted LED Fixture User Manual

Model: 800144

## PRODUCT OVERVIEW

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The Philips 800144 LED Surface Mounted Fixture is designed to convert existing ceiling-mounted fixtures or standard recessed cans into an energy-efficient LED light source. This dimmable fixture provides a soft white light, suitable for various indoor and outdoor applications.



Image: Philips 800144 Downlight Surface Mounted LED Fixture. This image shows the compact design of the LED fixture, ready for installation.

## Key Features:

- **Energy Efficiency:** 13-watt LED, equivalent to a 75-watt standard incandescent bulb.
- **Long Lifespan:** Rated for 36,000 hours (based on 3 hours/day usage).
- **Versatile Mounting:** Can be mounted to a 4-inch junction box or in a 5/6-inch recessed housing.
- **Soft White Light:** Provides a comfortable ambiance for general room lighting.
- **Dimmable:** Compatible with dimmer switches for adjustable brightness.
- **Wet Location Suitable:** Ideal for bathrooms, showers, or covered outdoor areas.

## SETUP AND INSTALLATION

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This fixture is designed for surface mounting and can be installed directly onto a 4-inch junction box or within a 5/6-inch recessed housing. No complex assembly is required for the fixture itself.

### Installation Steps:

1. **Safety First:** Ensure power to the installation area is turned off at the circuit breaker before beginning.
2. **Prepare Mounting Surface:** For junction box installation, ensure the box is securely fastened. For recessed housing, ensure the housing is properly installed.
3. **Connect Wiring:** Connect the fixture's wires to the corresponding household wires (live, neutral, ground) according to local electrical codes. Use appropriate wire connectors.
4. **Mount Fixture:** Secure the fixture to the junction box or recessed housing using the provided hardware. Ensure a snug fit against the ceiling surface.
5. **Restore Power:** Once the fixture is securely mounted and wired, restore power at the circuit breaker.
6. **Test Functionality:** Turn on the light switch to verify proper operation.

*Note: Installation should be performed by a qualified electrician if you are unsure about electrical wiring procedures.*

## OPERATING INSTRUCTIONS

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The Philips 800144 LED fixture operates on a standard 120-volt electrical supply. It provides 1100 lumens of soft white LED light. The fixture is dimmable, allowing you to adjust the light output using a compatible dimmer switch.

### Light Color Temperature:

Understanding color temperature helps in choosing the right lighting for your space. While this fixture provides a soft white light, the following chart illustrates various color temperatures and their typical ambiances.

# Color Temperature



Image: Color Temperature Chart. This chart displays different light color temperatures ranging from warm amber (2000-2200K) to cool daylight deluxe (6500K), illustrating the ambiance each creates. The Philips 800144 provides a soft white light, typically around 2700K-3000K.

## Dimmable Functionality:

To utilize the dimming feature, ensure the fixture is connected to a compatible dimmer switch. Refer to your dimmer switch's instructions for proper operation and compatibility.

## MAINTENANCE

The Philips 800144 LED fixture is designed for long-term, maintenance-free operation with a lifespan of approximately 36,000 hours. As an LED fixture, it does not require bulb replacement.

## Cleaning:

- Before cleaning, ensure the power to the fixture is turned off at the circuit breaker.
- Wipe the exterior of the fixture with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as these can damage the finish or electrical components.
- Ensure the fixture is completely dry before restoring power.

## TROUBLESHOOTING

If you encounter issues with your Philips 800144 LED fixture, 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 that the light switch is in the "on" position.
- Inspect wiring connections for looseness or damage (ensure power is off before inspection).

- **Light Flickers:**

- Ensure the fixture is compatible with your dimmer switch, if one is installed. Some LED fixtures require specific types of dimmers.
- Check for loose wiring connections.
- Flickering can sometimes indicate an aging power supply within the LED fixture, especially after several years of use.

- **Light is Dim or Uneven:**

- If using a dimmer, ensure it is set to the desired brightness level.
- Verify that the fixture is receiving the correct voltage (120 Volts).

If these steps do not resolve the issue, contact Philips customer support for further assistance.

## SPECIFICATIONS

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Feature	Specification
Brand	Philips
Model Number	800144
Light Fixture Form	Ceiling
Mounting Type	Surface Mounted
Light Source	LED
Wattage	13 watts (75W equivalent)
Brightness	1100 lumens
Light Color	Soft White
Voltage	120 Volts
Dimmable	Yes
Lifespan	36,000 hours
Indoor/Outdoor Usage	Outdoor (suitable for wet locations)
Water Resistance Level	Waterproof
Specification Met	Energy Star
Item Weight	15.04 ounces

## WARRANTY INFORMATION

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The Philips 800144 Downlight Surface Mounted LED Fixture comes with a manufacturer's warranty covering **2 years for parts and labor** from the date of purchase. Please retain your proof of purchase for warranty claims.

For warranty service or questions, please contact Philips customer support.

## CUSTOMER SUPPORT

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For technical assistance, troubleshooting beyond the scope of this manual, or warranty inquiries, please contact Philips customer service. Visit the official Philips website for contact details and support resources.

**Manufacturer:** Philips Lighting

**Brand:** Philips