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› Energetic 5/6 Inch LED Recessed Dimmable Downlight (Model: 6IN-1000LM-3000K) Instruction Manual

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Energetic 5/6 Inch LED Recessed Dimmable Downlight Instruction Manual

Model: 6IN-1000LM-3000K

1. 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 that could cause injury or property damage.

- **Electrical Safety:** Always turn off power at the circuit breaker before beginning installation. Ensure all electrical connections comply with local codes and ordinances. If you are unsure about wiring, consult a qualified electrician.
- **Product Integrity:** Do not modify the product in any way. Any alterations may void the warranty and create safety hazards.
- **Operating Environment:** This fixture is rated for indoor and wet locations. Do not expose to direct water spray or submersion.
- **Heat:** LED fixtures generate heat. Ensure adequate ventilation around the fixture. Do not cover the fixture with insulating material unless it is IC-rated (this product is IC-rated).

2. PRODUCT OVERVIEW

The Energetic 5/6 Inch LED Recessed Dimmable Downlight is designed for easy retrofit installation into existing 5-inch or 6-inch recessed can housings. It provides 1000 lumens of 3000K Warm White light with seamless dimming capabilities.

Key Features:

- **Dimmable:** Smooth dimming from 5% to 100%.
- **Energy Efficient:** 12W LED replaces 150W incandescent, saving up to 90% energy.
- **Color Temperature:** 3000K Warm White.
- **Brightness:** 1000 Lumens.
- **Certifications:** ETL Listed, FCC compliant, IC Rated for direct contact with insulation.

- **Durability:** Aluminum and plastic construction with a metal baffle trim. Wet rated.
- **Lifespan:** 50,000+ hours.

Components Included:

- LED Downlight Fixture
- E26 Base Adapter
- Springs (require manual installation)

Product Dimensions:

The fixture measures approximately 7.32 inches in length, 7.32 inches in width, and 2.42 inches in height.

Dimension

High quality downlight







-  Voltage
120V
-  Wattage
12W
-  Brightness
1000LM
-  Metal
Baffle Trim
-  Wet
Rated
-  IC
Rated



Figure 2.1: Product dimensions and specifications including 120V, 12W, 1000LM, Metal Baffle Trim, Wet Rated, and IC Rated.

Premium Quality for Perfect Home Lighting

Super Bright 1000LM Consumes only 12W



Figure 2.2: Internal components and features such as E26 adaptor, TP24 connector, advanced LED chips, and metal baffle trim.

3. SETUP & INSTALLATION

This LED recessed downlight is designed for simple retrofit installation into existing 5-inch or 6-inch recessed can housings. Ensure the power is OFF at the circuit breaker before starting.

Installation Steps:

1. **Install the Springs:** The springs need to be manually installed onto the fixture. Ensure they are securely attached.

2. **Thread the E26 Base:** Screw the E26 base adapter into the existing E26 socket inside your recessed can.
3. **Connect TP24 Adaptor:** Connect the TP24 adaptor from the fixture to the E26 base adapter. Ensure a secure connection.
4. **Hook Spring Clips & Push:** Gently push the spring clips upwards and insert the fixture into the recessed can. The springs will hold the fixture flush against the ceiling.

Important Note: The minimum depth of the existing recessed can must be 6.3 inches (160mm). Please confirm your can depth before purchase. Ensure screws are installed correctly and do not overtighten to prevent breakage.

EASY INSTALLATION

Quick installation in 5 minutes

Fit **5** or **6** inch cans

Note: The minimum depth of the can is 6.3inch/160mm, please confirm the can depth before purchase.

Step 4

Hook spring clips & push

Step 2

Thread the E26 base into the socket



Step 3

Connect TP24 adaptor

Step 1

Install the springs
Springs need to be installed manually



Warning: Please install the screws correctly to prevent the screws from breaking! Do not tighten too much!

Figure 3.1: Visual guide for the easy installation process, showing spring installation, E26 base connection, TP24 adaptor, and securing the fixture.

Your browser does not support the video tag.

Video 3.1: An official product video demonstrating the installation and features of the Dimmable 5/6 Inch LED Can Light.

4. OPERATING INSTRUCTIONS

Once installed, the Energetic LED Recessed Downlight operates like a standard light fixture. It is designed for use with compatible dimmers to adjust brightness.

Dimming Functionality:

This fixture offers seamless dimming from 5% to 100%. To utilize the dimming feature, ensure you are using a compatible LED dimmer switch. Refer to the dimmer manufacturer's instructions for proper operation.

ENERGETIC[®]
L I G H T I N G

Stepless Dimming

Matches most dimmers on the market

5% **100%**

LEGRAND
RHCL453PTCCCV6
RHCL703PTCCCV4

LUTRON
CTCL-153P-WH
DV-600P-WH
SELV-300P-WH
LGCL-153PLH-IV
RRD6NA-WH
MACL-153M-BI
MSCL-0P153MH
MSCL-VP153MH
DVCL-153P-WH
MACL-153MLH-WH
PD-6WCL

LEVITON
IPE04
6674
IPL06-10Z
PSD6-1LZ
6615-P
6633-PLW
6672
DSL06-1LZ

LISTED
REL06
TG-600P-WH

EATON
SAL06P3

Figure 4.1: Illustration of stepless dimming from 5% to 100% and examples of compatible dimmer brands such as Lutron, Leviton, Legrand, and Eaton.

Light Output:

The downlight provides 1000 lumens of 3000K Warm White light, suitable for creating a comfortable and inviting atmosphere in various indoor spaces.

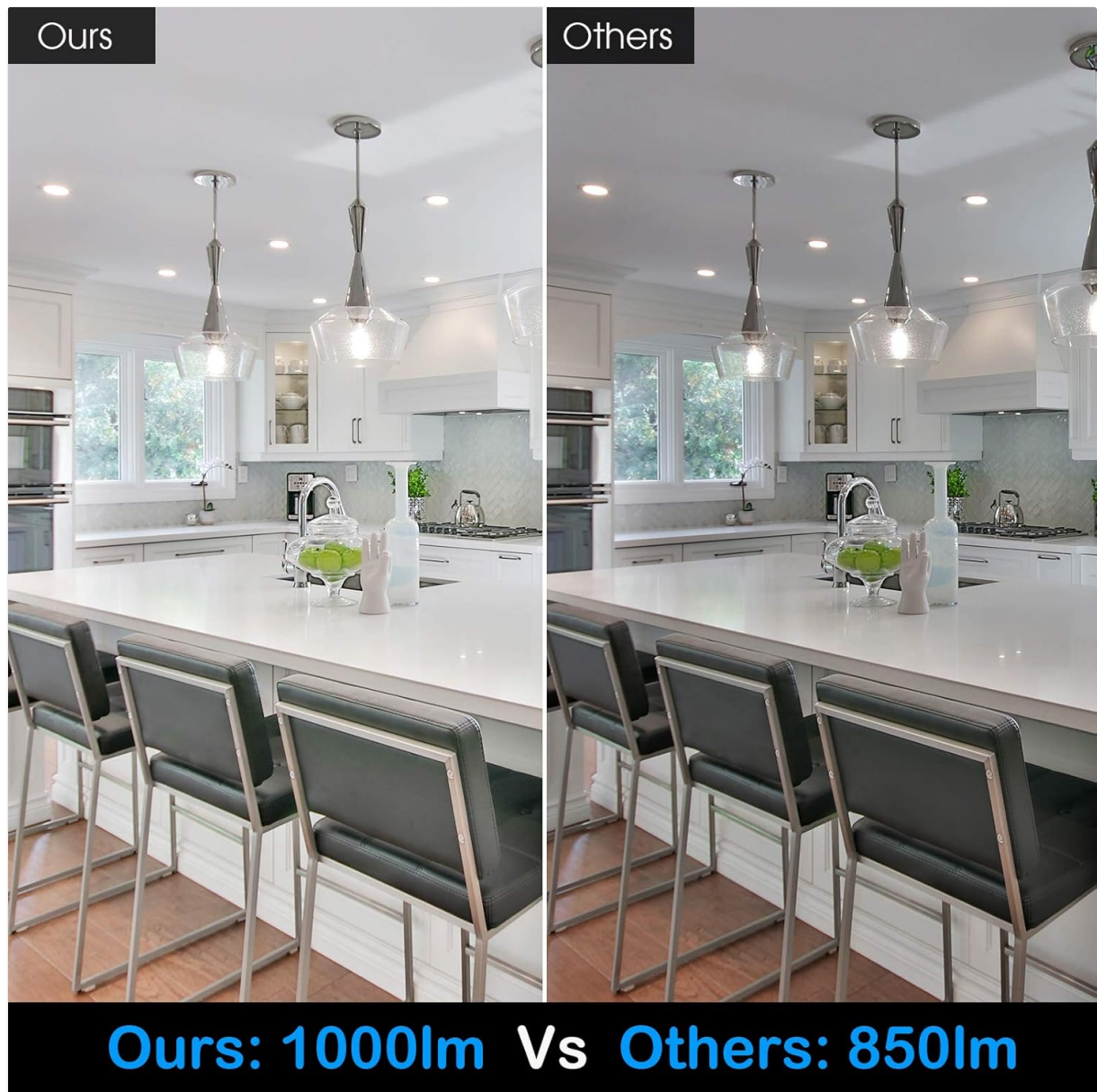


Figure 4.2: A visual comparison highlighting the brightness of 1000 lumens provided by this product against an 850-lumen alternative.

5. MAINTENANCE

The Energetic LED Recessed Downlight requires minimal maintenance.

- **Cleaning:** Ensure the power is off before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the finish or electrical components.
- **Bulb Replacement:** This fixture uses integrated LED chips and does not require bulb replacement.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on	No power to the fixture; Loose wiring; Faulty fixture	Check circuit breaker; Verify all connections are secure; Contact support if fixture is faulty.
Light flickers	Incompatible dimmer switch; Loose wiring; Voltage fluctuations	Ensure dimmer is LED compatible; Check wiring connections; Consult an electrician for voltage issues.
Light does not dim properly	Incompatible dimmer switch; Dimmer not calibrated	Use an LED-compatible dimmer; Refer to dimmer instructions for calibration.
Fixture falls out of can	Springs not properly installed or secured; Can depth insufficient	Re-install springs securely; Ensure can depth meets minimum requirement (6.3 inches).

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

7. SPECIFICATIONS

Specification	Detail
Brand	E ENERGETIC LIGHTING
Model Number	6IN-1000LM-3000K
Color Temperature	3000K Warm White
Wattage	12 Watts (150W Equivalent)
Brightness	1000 Lumens
Voltage	120 Volts
Dimmable	Yes, 5%-100%
Material	Aluminum, Plastic
Light Fixture Form	Recessed
Installation Type	Recessed
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Water Resistant (Wet Rated)
Special Features	50,000+ Hours Lifespan, Less Heat Output, Shatter Resistant
Certifications	ETL, FCC, IC Rated
Product Dimensions	7.32"L x 7.32"W x 2.42"H
Item Weight	3 Pounds
Bulb Base	E26
Color Rendering Index (CRI)	80

8. WARRANTY & SUPPORT

Warranty Information:

This Energetic LED Recessed Downlight comes with a 5-year service warranty. The warranty type is manufacturer-and-seller-combination, covering defects in materials and workmanship under normal use.

Customer Support:

For technical assistance, warranty claims, or any questions regarding your product, please contact the manufacturer's customer service. Refer to your purchase documentation for specific contact details.