

[Manuals.plus](#) /

› [Lithonia Lighting](#) /

› Lithonia Lighting 13 inch Round LED Flush Mount Thin Ceiling Light Instruction Manual

Lithonia Lighting FMML 13 840 DNA

Lithonia Lighting 13 inch Round LED Flush Mount Thin Ceiling Light Instruction Manual

Model: FMML 13 840 DNA

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Lithonia Lighting 13 inch Round LED Flush Mount Thin Ceiling Light. Designed for versatility and energy efficiency, this LED fixture delivers bright, reliable illumination for various indoor and sheltered outdoor applications. Please read this manual thoroughly before beginning installation or operation to ensure safe and proper use.



Figure 1: Lithonia Lighting 13 inch Round LED Flush Mount Thin Ceiling Light, Nickel finish.

2. SAFETY INFORMATION

Always follow basic safety precautions when installing or working with electrical fixtures. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing.
- **WARNING:** Risk of fire. Minimum 90°C supply conductors.
- This fixture is **Damp Listed**, suitable for sheltered outdoor areas such as covered porches or patios, and indoor locations like bathrooms and laundry rooms where moisture may be present.
- Do not alter or modify the fixture. Any alterations may void the warranty and create a safety hazard.
- Ensure all connections are secure and properly insulated.

3. WHAT'S IN THE BOX

Upon opening the package, verify that all components are present and undamaged:

- 1 x Lithonia Lighting 13 inch Round LED Flush Mount Fixture
- 1 x Twist-and-fit Diffuser
- Mounting Hardware (screws, wire nuts)
- Installation Manual (this document)

FEATURES & SPECIFICATIONS

INTENDED USE

Provides general illumination in commercial and residential applications. Ideal for use in closets, foyers, hallways, corridors, bedrooms, offices, utility work areas, stairways and much more.

CONSTRUCTION

This contemporary shaped fixture features a matte white acrylic diffuser and a robust aluminum housing available in a textured white, textured bronze, or smooth natural aluminum finishes. Wet location models are equipped with protective gasketing.

OPTICS

Produces the following lumens at 50,000 hours life (WH finish):

2700 K: 612 lumens (7")/1768 lumens (13")

3000 K: 642 lumens (7")/1898 lumens (13")

4000 K: 660 lumens (7")/1985 lumens (13")

ELECTRICAL

Fixture operates at 120 volts, 60 Hz. 7" Standard input = 9.3 watts, 70 lumens per watt. 13" Standard input = 28 watts, 71 lumens per watt.

Works with most standard incandescent dimmers (see list of suggested dimmers on page 2).

INSTALLATION

All mounting hardware included.

LISTINGS

The 7" Versi is CSA certified and the 13" Versi is UL certified to US and Canadian standards and listed suitable for damp or wet locations. ENERGY STAR® certified

U.S. Patent No. D691,763

WARRANTY

5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.

Catalog Number
Notes
Type

Decorative Indoor

Versi Lite™

LED Flush Mount

HIGH-PERFORMANCE LED



Specifications

7" Height: 1-3/4 (4.4)

7" Width: 7-1/4 (18.4)

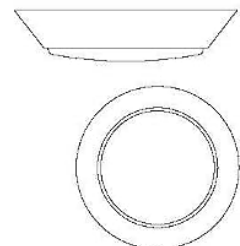
7" Weight: 1.1 lbs (.5 kg)

13" Height: 2-1/2 (6.4)

13" Width: 13 (33.0)

13" Weight: 2.5 lbs (1.1 kg)

All dimensions are in inches (centimeters) unless otherwise indicated.



ORDERING INFORMATION

For shortest lead times, configure product using **standard options** (shown in bold).

Example: FMML 7 840 WL

FMML					
Series	Size	CRI	Color temperature	Fixture finish	Option
FMML LED Versi Lite flush mount	7 7" diameter	8 >80	40 4000 K	(blank) Textured white	WL Wet location
	13 13" diameter		30 3000 K	DDBT Textured bronze	
			27 2700 K	DNA Natural aluminum	

DECORATIVE INDOOR & OUTDOOR

FMML

Figure 2: Features and Specifications overview, including a diagram of the 7-inch and 13-inch models.

4. SETUP AND INSTALLATION

The Lithonia Lighting LED Flush Mount is designed for simple installation, mounting directly to a standard 4-inch junction box. All necessary hardware is included.

1. **Prepare the Installation Area:** Ensure power is turned off at the circuit breaker before beginning.
2. **Mount the Fixture:** The fixture is directly wired into a junction box. Secure the fixture base to the junction box using the provided screws.
3. **Connect Wiring:** Connect the fixture's wires to the household wiring according to local electrical codes. Use the provided wire nuts to secure connections.
4. **Attach Diffuser:** Once the fixture is securely mounted and wired, attach the twist-and-fit diffuser by aligning it with the base and twisting until it locks into place.

For detailed step-by-step instructions, please refer to the official Installation Manual PDF available at [Installation Manual \(PDF\)](#)

Your browser does not support the video tag.

Video: Official product overview demonstrating the Lithonia Lighting FMML 13 827 DDBT LED Flush Mount Light, including its features and ease of installation.

5. OPERATING INSTRUCTIONS

Your Lithonia Lighting LED Flush Mount is designed for straightforward operation.

- **Turning On/Off:** The light operates via a standard wall switch connected to your electrical circuit.
- **Dimming Functionality:** This fixture is fully dimmable down to 10% with most standard Triac Dimmers, allowing you to adjust the light output to your desired ambiance.
- **Light Color Temperature:** This specific model provides 4000K (Cool White) light, ideal for areas requiring a bright white atmosphere. Other models are available in 2700K (Warm White) and 3000K (Bright White) for different preferences.

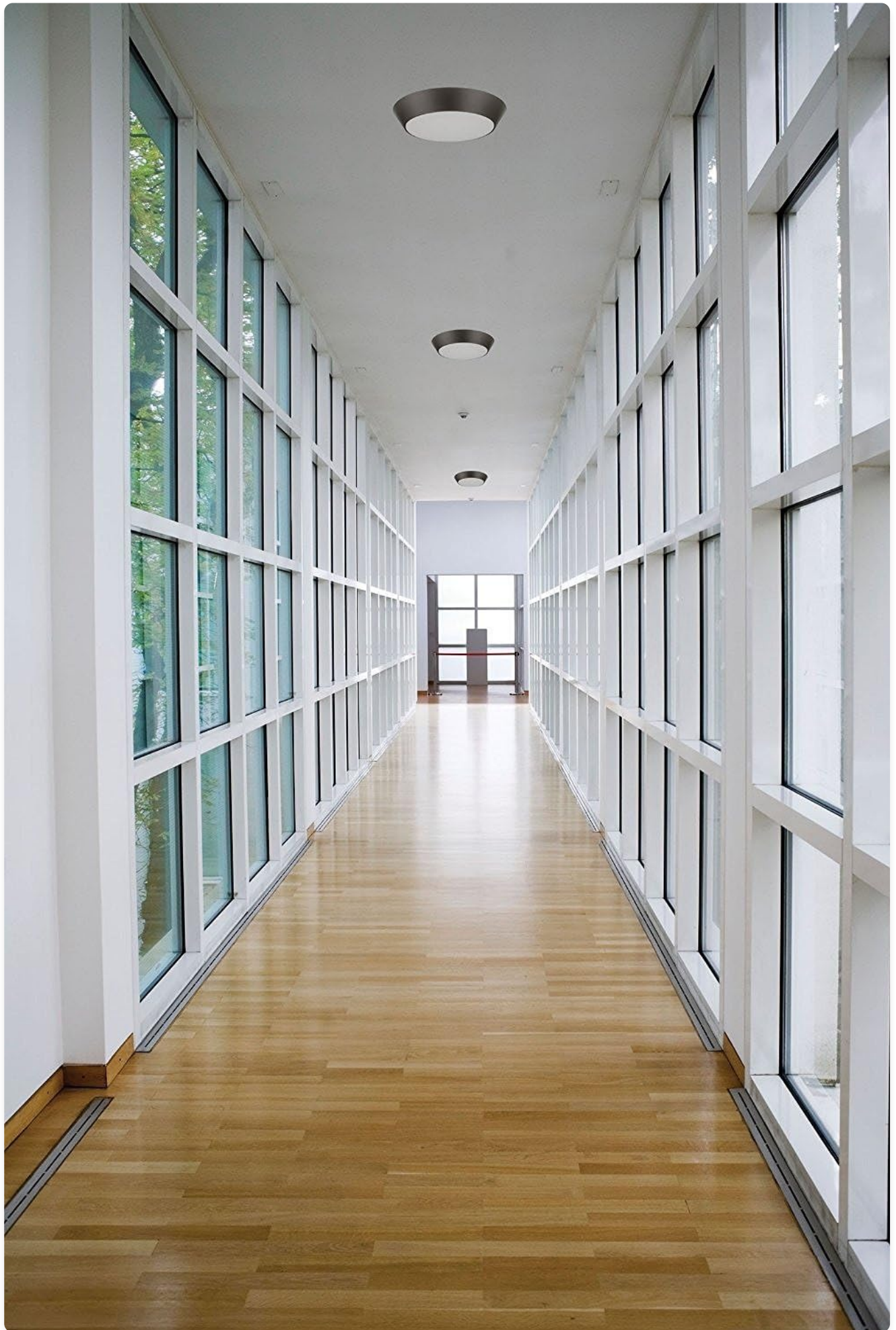


Figure 3: Example of the LED flush mount light providing general illumination in a hallway.



Figure 4: The fixture's damp listing makes it suitable for use in bathrooms, as shown here.

6. MAINTENANCE

The Lithonia Lighting LED Flush Mount is designed for long-term, low-maintenance operation with an average life of 50,000 hours.

- **Cleaning:** To clean the diffuser, simply twist it off the fixture base. Use a soft, damp cloth to wipe away dust and debris. Do not use abrasive cleaners or solvents.
- **LED Longevity:** The long-life LEDs and high-efficiency driver ensure extended service life, minimizing the need for frequent replacements.



Figure 5: The light provides ample illumination for utility areas like laundry rooms.



Figure 6: A compact and efficient lighting solution for closets and small spaces.

7. TROUBLESHOOTING

If you encounter issues with your LED flush mount, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture; loose wiring; faulty switch.	Check circuit breaker/fuse. Ensure all wire connections are secure. Test the wall switch.
Light flickers or dims unexpectedly.	Incompatible dimmer switch; loose wiring.	Ensure your dimmer is compatible with LED fixtures. Check wiring connections.
Light output is too low.	Dimmer setting too low; incorrect fixture for room size.	Adjust dimmer to maximum setting. Refer to specifications for recommended room coverage.

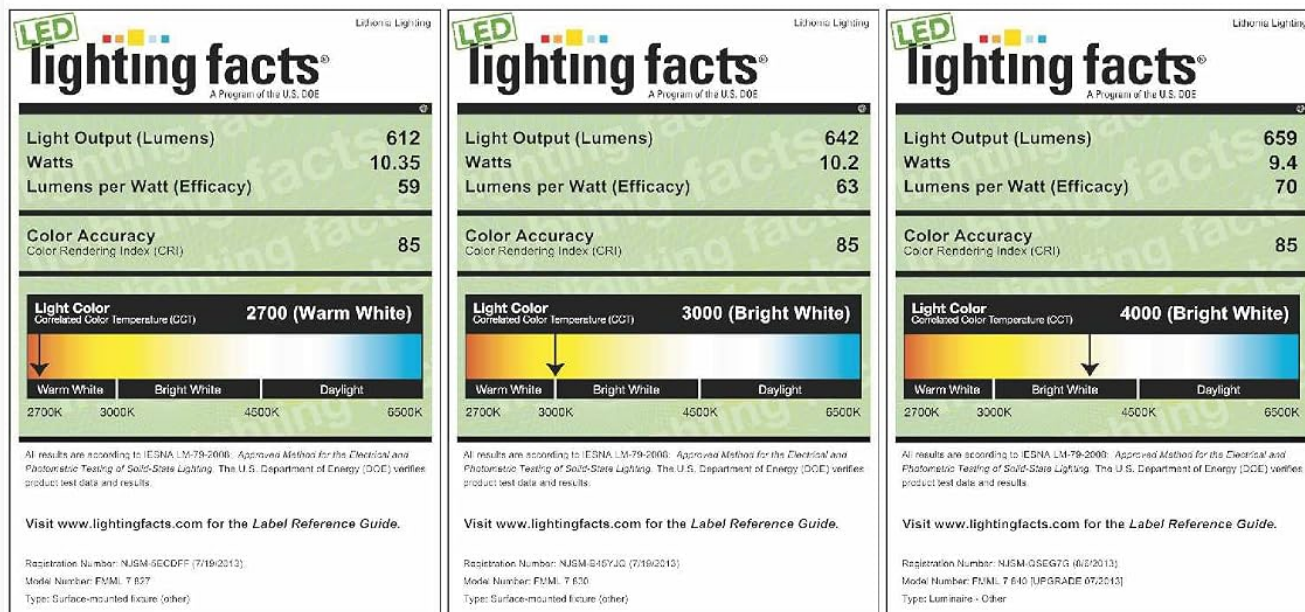
If problems persist, consult a qualified electrician or contact Lithonia Lighting customer support.

8. SPECIFICATIONS

Detailed technical specifications for the Lithonia Lighting 13 inch Round LED Flush Mount:

- **Model:** FMML 13 840 DNA
- **Size:** 13 inches (Round)
- **Power:** 28W
- **Input Voltage:** 120V, 60Hz
- **Luminous Flux:** 1985 Lumens (at 4000K)
- **Emitting Color:** 4000K (Cool White)
- **Dimmable:** Yes, down to 10% on most standard Triac Dimmers
- **Light Source:** Integrated LED
- **CRI (Color Rendering Index):** Above 80
- **Dimensions:** 13 x 13 x 2.75 inches
- **Average Life:** 50,000 hours
- **Certifications:** CSA certified (USA and Canada), Energy Star Rated, Damp Listed
- **Material:** Alloy Steel, Acrylic Shade
- **Finish:** Nickel (Matte)
- **Installation Type:** Flush Mount (Ceiling or Wall)

LIGHTING FACTS



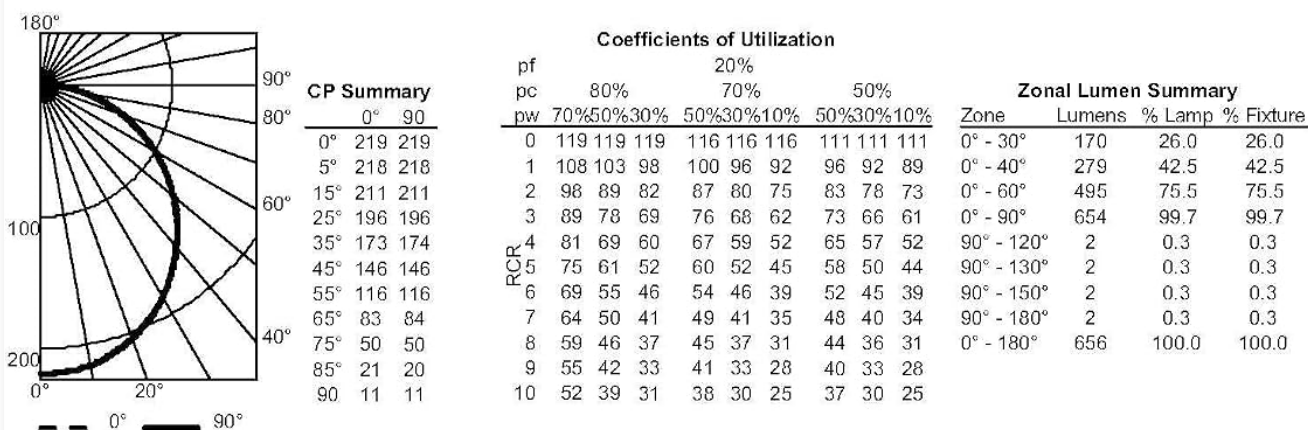
Suggested Dimmers

The FMML is designed to operate with most standard Triac Based dimmers and is not compatible with 0-10v dimming systems. The following is a list of dimmers tested and does not imply any guarantee or warranty of compatibility with a particular application. Unlisted dimmers do not imply non-compatibility.

Manufacturer	Part Number (s)	Manufacturer	Part Number (s)
Leviton	6633P	Lutron	DVELV 300P
Leviton	IPL06	Lutron	NTLV 300
Leviton	6674P	Lutron	HLV 600
Leviton	IPE04	Synergy	ISD 600/120
Leviton	Trimatron 6683	Pass & Seymour	HCL 453PTCCV6 (13" only)

PHOTOMETRICS

FMML 840 test no. LTL22758, tested in accordance to IESNA LM-79.



FMML

Figure 7: Lighting Facts labels for various models, showing light output, watts, and color temperature.

Recommended Room Coverage (FMML 13 inch model):

- Designed to illuminate approximately 3 sq feet with 1 unit.
- For a closet measuring less than 6 sq ft (8-foot ceiling): 2 units
- For a room measuring between 7 and 10 sq ft (8-foot ceiling): 3 units

- For a room measuring between 10 and 12 sq ft (8-foot ceiling):4 units

9. WARRANTY

This Lithonia Lighting LED Flush Mount is covered by a **5-year limited warranty**. This warranty covers defects in materials and workmanship under normal use and service. For full warranty details and terms, please refer to the official product documentation or contact Lithonia Lighting customer support.

10. SUPPORT

For additional assistance, technical support, or warranty claims, please contact Lithonia Lighting customer service. You can also find more information and resources on the official Lithonia Lighting website or by referring to the comprehensive installation manual.

Visit the Lithonia Lighting Store on Amazon: [Lithonia Lighting Store](#)

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Question

Details

Submit question

