

Lightolier D3MR14

Lightolier D3MR14 3-inch Recessed Downlight Installation and User Manual

Model: **D3MR14** | Brand: **Lightolier**

INTRODUCTION

Thank you for choosing the Lightolier D3MR14 3-inch Open Recessed Downlight. This fixture features an angled hand-blown triplex glass element, precisely proportioned for optimal light distribution and clean brightness. The die-cast aluminum finish ring ensures a clean appearance by concealing fasteners. An integral 16-gauge aluminum reflector provides a 50-degree visual cutoff to the lamp, enhancing both performance and aesthetics. The 3-inch Evolution cover glass is made from high-temperature soft focus material.

This kit includes the D3MR14 trim and the D3MR03 housing (or equivalent component). The design is suitable for damp locations.

IMPORTANT SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing. All electrical connections must be made in accordance with local codes, ordinances, or the National Electric Code (NEC). If you are unfamiliar with proper electrical wiring connections, contact a qualified electrician.

- Read all instructions carefully before beginning installation.
- Ensure the supply voltage is correct by comparing it with the fixture information.
- Do not install in areas where the operating temperature exceeds the fixture's rated temperature.
- This fixture is designed for indoor and damp location use.
- Use only MR16 lamps with a maximum wattage of 50W.
- Do not modify the fixture in any way.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Lightolier D3MR14 3-inch Open Recessed Downlight Trim (with angled double opal glass)
- D3MR03 Housing (or equivalent recessed housing component)
- Installation Hardware (typically included with housing)



Image 1: Assembled Lightolier D3MR14 recessed downlight. This view shows the clear outer glass and the internal components.

RECESSED DOWNLIGHT – CALCULITE®
3" OPEN DOWNLIGHT W/DECORATIVE VETRO™
STRAIGHT DOUBLE OPAL GLASS & CLEAR OUTER
GLASS – SUITABLE FOR DAMP LOCATION
(ORDER FRAME – IN KIT SEPARATELY)

LAMP: 50W MR16 MAX.

D3MR14

LIGHTOLIER®

NAED 784197

A GENLYTE COMPANY

CORPORATE HEADQUARTERS: FALL RIVER, MA 02720

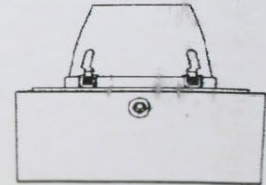


Image 2: Product packaging label for the Lightolier D3MR14, indicating model number and lamp specifications.

SETUP AND INSTALLATION

Note: Installation of recessed lighting fixtures typically requires electrical wiring knowledge. It is highly recommended that a qualified electrician perform the installation to ensure safety and compliance with local electrical codes.

Tools Required (Not Included):

- Screwdriver (Phillips and Flathead)
- Wire Strippers
- Pliers
- Electrical Tape
- Voltage Tester
- Safety Glasses
- Gloves

Installation Steps:

1. **Turn Off Power:** Locate the circuit breaker or fuse box and turn off the power to the area where the

fixture will be installed. Verify power is off using a voltage tester.

2. **Prepare Opening:** Ensure the ceiling opening is correctly sized for a 3-inch recessed fixture housing (D3MR03 or equivalent).
3. **Install Housing (if not already present):** Follow the instructions provided with your recessed housing (D3MR03) to properly install it in the ceiling. This typically involves securing the housing to ceiling joists or using hanger bars.
4. **Make Electrical Connections:**
 - Connect the bare copper ground wire from the fixture to the ground wire from the supply circuit.
 - Connect the white (neutral) wire from the fixture to the white (neutral) wire from the supply circuit.
 - Connect the black (hot) wire from the fixture to the black (hot) wire from the supply circuit.
 - Secure all connections with approved wire connectors and electrical tape.
5. **Insert Lamp:** Carefully insert an MR16 lamp (maximum 50W) into the lamp holder within the fixture. Ensure it is seated correctly.
6. **Install Trim:** Align the D3MR14 trim with the recessed housing. The trim typically has spring clips or torsion springs that will secure it into the housing. Push the trim firmly upwards until it sits flush with the ceiling.
7. **Restore Power:** Once the trim is securely in place, restore power at the circuit breaker or fuse box. Test the light fixture.

OPERATING INSTRUCTIONS

The Lightolier D3MR14 recessed downlight operates like any standard lighting fixture connected to a wall switch. Simply toggle the wall switch to turn the light on or off.

This fixture is dimmable, provided it is connected to a compatible dimmer switch and uses a dimmable MR16 lamp. Consult the dimmer switch manufacturer's instructions for proper operation and compatibility.

MAINTENANCE

Cleaning:

- **Always turn off power** at the circuit breaker before cleaning the fixture.
- Allow the fixture to cool completely before handling.
- Wipe the exterior surfaces of the fixture with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, solvents, or polishes as they may damage the finish or glass.
- For the glass element, use a mild glass cleaner applied to a cloth, not directly to the fixture.

Lamp Replacement:

The D3MR14 uses an MR16 lamp, maximum 50W.

1. **Turn off power** to the fixture at the circuit breaker.
2. Allow the lamp to cool completely.
3. Gently pull down the trim from the ceiling to access the lamp.
4. Carefully remove the old MR16 lamp from its socket.
5. Insert a new MR16 lamp (maximum 50W) into the socket, ensuring it is properly seated. Avoid touching the glass of the new lamp with bare hands; use a clean cloth or gloves.

6. Push the trim back into the housing until it is flush with the ceiling.
7. Restore power and test the new lamp.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Lamp is faulty or not properly seated. Loose wiring connection. Faulty wall switch.	Check circuit breaker/fuse. Replace lamp; ensure it is fully inserted. Turn off power and check wiring connections. Test or replace wall switch.
Light flickers.	Loose lamp. Incorrect lamp type or wattage. Loose wiring connection. Incompatible dimmer switch.	Ensure lamp is fully seated. Use only MR16, max 50W. Turn off power and check wiring connections. Ensure dimmer is compatible with MR16 halogen lamps.
Fixture gets too hot.	Lamp wattage exceeds maximum rating.	Replace with an MR16 lamp that does not exceed 50W.

If you are unable to resolve an issue, consult a qualified electrician or contact Lightolier customer support.

SPECIFICATIONS

Brand	Lightolier
Model Number	D3MR14
Fixture Type	3-inch Open Recessed Downlight Trim
Included Components	D3MR03 (Housing)
Lamp Type	MR16
Maximum Wattage	50 watts
Material	Aluminum, Glass
Color/Finish	Frosted Glass (Angled Double Opal Glass)
Dimensions (L x W x H)	3"L x 3"W x 3"H (Trim)
Item Weight	2 Pounds
Indoor/Outdoor Usage	Indoor, Damp Location Suitable
Dimmable	Yes (with compatible dimmer and lamp)
Power Source	Corded Electric
UPC	616086517723

WARRANTY INFORMATION

Lightolier products are manufactured to high-quality standards. Specific warranty details for the D3MR14 fixture are typically provided with the product packaging or can be found on the official Lightolier website. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the manufacturer's official documentation or website.

CUSTOMER SUPPORT

For technical assistance, replacement parts, or further information regarding your Lightolier D3MR14 recessed downlight, please contact Lightolier customer support.

Lightolier Official Website: www.lightolier.com (Please note: This is a placeholder URL as no specific support link was provided in the product data.)

When contacting support, please have your model number (D3MR14) and proof of purchase readily available.