

WARNING: RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

11170 INSTALLATION INSTRUCTIONS FOR: Disk Architectural LED Round Surface Mount Down Light

Safety Precautions:

Electrical Safety:

- All fixture installations and electrical connections must comply with local and National Electrical Codes (N.E.C.).
- If you are unfamiliar with electrical wiring or installation procedures, consult a licensed electrician or local electrical inspector.

Risk of Shock:

- Disconnect power at the circuit breaker or fuse panel before installation, wiring, or maintenance.
- Turning off the light switch is not sufficient to prevent electrical shock.
- Ensure the fixture is properly grounded to avoid shock and ensure reliable operation.

Wiring Requirements:

- This fixture must be connected to supply wires rated at 90°C. Dwellings built before 1985 may have supply wires rated at 60°C; consult a licensed electrician to confirm compatibility.

Handling Precautions:

- Use gloves to avoid cuts from sharp metal edges.
- Ensure all connections are secure and correctly made.

Location Suitability:

- This fixture is suitable for dry, damp, and wet locations.
- For wet locations, ensure the fixture is mounted on a covered ceiling to prevent water exposure from the back.

Pre-Installation Checklist:

- Verify input voltage matches the fixture requirements.
- Allow the fixture to cool before handling during maintenance or service.
- Confirm all ceiling cutouts match specified dimensions before cutting.

Additional Precautions:

- Account for all small parts and dispose of packing materials properly to prevent hazards, especially for children.
- Wear rubber-soled shoes and use a sturdy, non-conductive ladder for installation.

Following these guidelines will ensure a safe and proper installation.

Important Warnings:

Combustible Materials:

- Ensure the fixture is installed at least 6 inches away from any curtains or other combustible materials.

Clothes Closets and Storage Spaces:

- Do not install the fixture in clothes closets or storage spaces closer than the minimum clearances specified by the U.S. National Electrical Code (NEC), ANSI/NFPA 70 Section 410.16.
- Ceiling or Wall Above the Door: Maintain a clearance of at least 300 mm (12 in.).
- Wall Below Rod Height (1.8 meters/6 ft): Maintain a clearance of at least 600 mm (24 in.).

Electrical Requirements:

- Install the fixture on a circuit protected by a Ground Fault Circuit Interrupter (GFCI).
- The circuit must be dedicated to LED fixtures or drivers—do not mix with other lighting types (e.g., incandescent, compact fluorescent, or HID).
- Avoid using non-LED-compatible electrical equipment (e.g., surge protectors or photocells) on the same circuit.
- If not already included, install remote surge protectors on the circuit to safeguard the LED fixtures/drivers. Ensure these protectors are functioning properly through periodic checks.

Maintenance and Care:

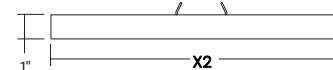
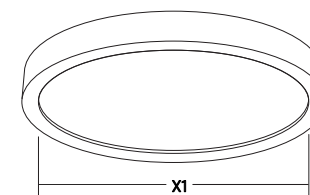
Pre-Maintenance Preparation:

- Ensure the fixture is powered off before cleaning or servicing.
- Place the fixture on a clean, flat surface to prevent damage during installation or maintenance.

Cleaning Instructions:

- Use a soft cloth to wipe the fixture periodically and maintain its finish.
- Avoid using harsh chemical solvents, which can cause discoloration or damage to the fixture.

By following these instructions, you ensure the safe installation, efficient operation, and long-term durability of the fixture.



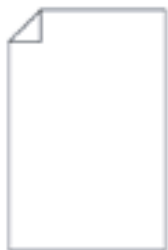
	Dimensions		
	11170-5	11170-7	11170-12
X1	6.125"	8.125"	11"
X2	5"	7"	12"

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Components / Parts



11170 round fixture
(5", 7" or 12")

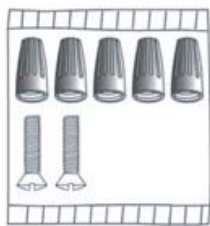


Installation Instructions
(Use Current version on-line)



Hardware Kit
(Non-dimming)

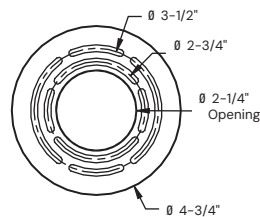
OR



Hardware Kit
(Dimming)

Components Dimensions

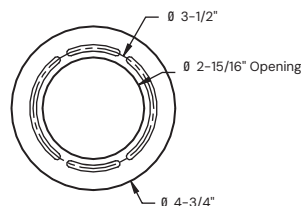
For NON-Dimming fixtures only!



J-box Mounting Plate (For use with #8 screws (MAX))
(ALL SLOTS ARE 0.193" WIDE)

• 11170-12 (-27, 277V) require's a 4" Octagonal J-box x 2-1/8" deep (Minimum)

For Dimming fixtures only!



J-box Mounting Plate (For use with #8 screws (MAX))
(ALL SLOTS ARE 0.193" WIDE)
Require's a 4" Octagonal J-box x 2-1/8" deep (Minimum)

Tools Required

- Phillips Head Screwdriver
- Wire Connectors
- Hardware (by others, screws, nuts, etc.)
- HAND TOOLS AND POWER TOOLS (e.g. Power Drill)

- Hole Saw




- Pencil



- PZ1 Screwdriver Bit



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FIXTURE INSTALLATION

Note: Dimming fixtures and the 11170-12 (-27, 277V) fixture require's a 4" Octagonal J-box x 2-1/8" deep (Minimum)

1. Install wiring and j-box in ceiling, if needed.
2. Connect the power supply wiring (from j-box) to fixture wiring in j-box (through j-box mounting plate). See "Wiring" instructions below and right.
3. Connect J-box Mounting Plate to j-box (by others) with appropriate hardware (by others).
4. Secure fixture to mounting plate and rotate to lock fixture in place.

WIRING

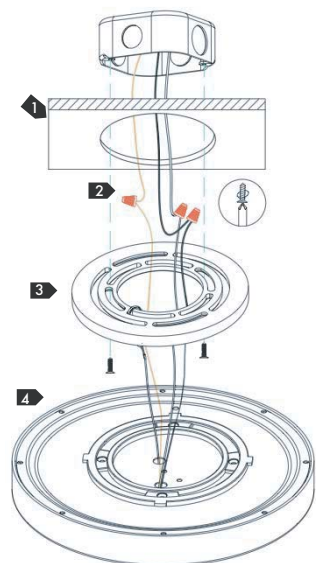
WARNING: Do not use Dimming output wires (Purple and Gray) to connect to Power input wires!
WARNING: RISK OF SHOCK Make sure that no wires are pinched between j-box mounting plate, j-box & fixture!

NOTE: Check fixture for input voltage before connecting power to fixture. Connect wiring in j-box. For dimming and non-dimming wiring information (wiring diagrams, chart, etc.) see 11170 diagrams below.

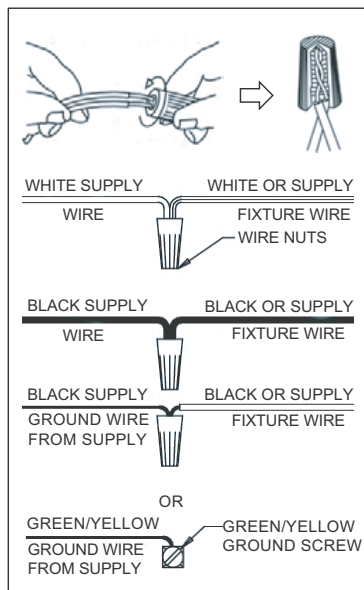
1. Connect ground wire (green or bare copper/aluminum) from the supply circuit to the ground wire (green or bare copper) /screw/connector from the fixture.
2. Connect the neutral (common) wire from the power supply circuit to the neutral wire from the fixture.
3. Connect the main voltage supply wire (line/lead) from the power supply to the line (lead) wire from the fixture.
4. Secure connection using UL Listed wire nuts/connectors and then with UL Listed Electrical tape (by others), as required, appropriate for the connection.

Installation (Non-Dimming)

Note: 11170-12 (-27, 277V) fixture require's a 4" Octagonal J-box x 2-1/8" deep (Minimum)

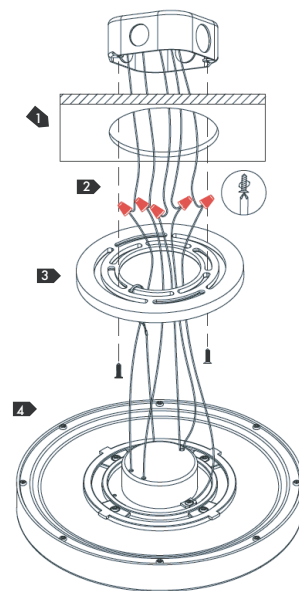


WIRING (Non-Dimming)

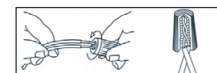


Installation (Dimming)

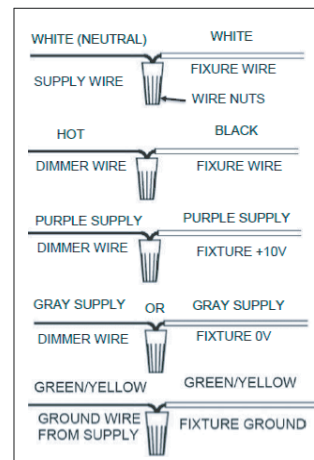
Note: Dimming fixtures require's a 4" Octagonal J-box x 2-1/8" deep (Minimum)



WIRING (Dimming)



A. Install with Dimmer (0-10V)
 FOLLOW DIMMER WIRING INSTRUCTIONS



B. Install without Dimmer
 USE WIRE NUTS TO CAP OFF UNUSED PURPLE AND GRAY DIMMER WIRES

