

# LED Indoor Ceiling Luminaires

## Surface Mount

### 120VAC / 60Hz

Model # ALDF1318LAJD1GY  
ALDF1525LAJD1GY  
ALDF2032LAJD1GY

### Safety Precautions

- Read all safety precautions and installation instructions carefully before installing or servicing this fixture. Failure to comply with these instructions could result in potentially fatal electric shock and/or property damage.
- It is recommended that a qualified electrician perform all wiring. This fixture must be wired in accordance with all national and local electrical codes.
- Do not handle any energized fixture or attempt to energize any fixture with wet hands or while standing on a wet or damp surface or in water.
- This fixture is designed for use in a 120VAC, 60Hz fused circuit.
- To reduce the risk of electrical shock, and to assure proper operation, this fixture must be adequately grounded. To accomplish proper grounding, there must be a separate ground wire (green) contact between this fixture and the ground connection of your main power supply panel.
- This fixture is intended to be used for general indoor lighting in dry or damp locations.
- Disclaimer  
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules and Canadian ICES-005 (B) / NMB-005 (B). These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiver antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult with the dealer or an experienced radio/TV technician for help.

Any modifications to this fixture may void the warranty and interfere with the safe operation of the luminaire.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

### Assembly Instructions

#### 1. Preparing for installation

- Disconnect electrical power** before installing or servicing any part of this fixture
- Remove fixture from carton; remove ceiling pan (4) with shade (6) already attached, and hardware kit. Remove the acrylic diffuser (7) and set aside.
- Install two shorter screws (2) to gem bar (1) embossed holes with screws facing the fixture until screw head is flush with gem bar per **Figure 1**.
- Attach gem bar (1) to the junction box (not provided) with two long screws (3).

#### 2. Wiring

**All wiring must take place inside junction box. Caution:** Make sure power is off at fuse or circuit breaker box. Check power wires for damage or scrapes. If power supply wires are within three inches of driver, use wire suitable for at least 90°C (194F). **Note:** Most dwellings built before 1985 have supply wire rated to 60°C. Consult a qualified electrician before installing.

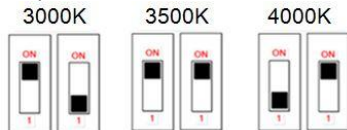
- This unit will not operate properly unless connected to a "grounded" electrical circuit. Electrical shock, over heating, low or no light output, and shortened LED life can result if proper grounding is not done. Securely attach green (or green and yellow) wire to ground supply wire.
- Using wire nuts (provided), connect white (N) supply wire to white fixture lead. Connect black (L) supply wire to black fixture lead. **Do not mix wires.** Pull on each wire lead to make sure connections are secure. Make certain no bare wires are exposed outside of wire connectors. Tuck all connections neatly into junction box.

#### 3. Back pan mounting

- Align back pan (4) to two screws (2) on round gem bar and secure with two thumb nuts (5) as shown in **Figure 2**.

#### 4. Color Changing Temperature Adjustment, CCT (if desired)

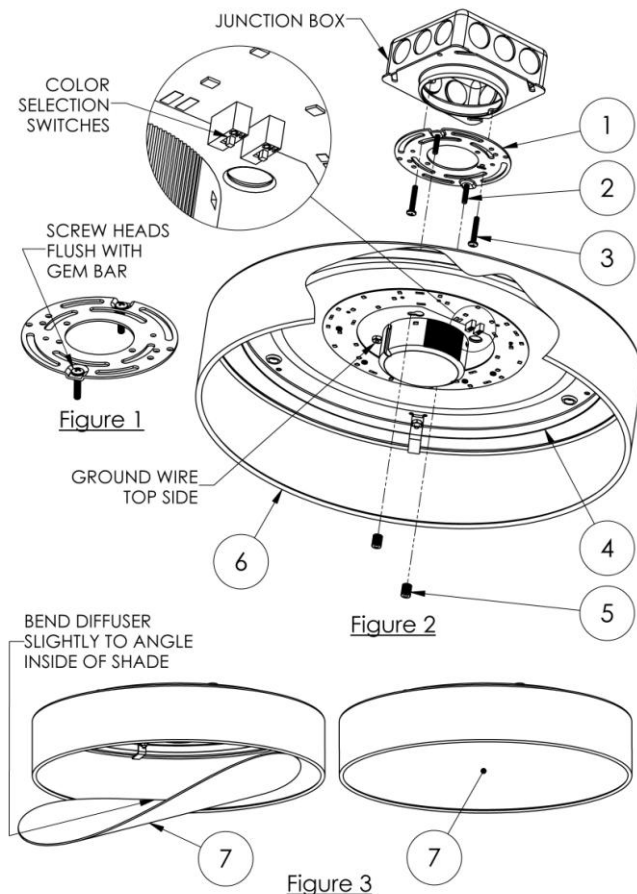
- Set the two color selection switches in **Figure 2**, according to the desired color temperature as shown below. **Note:** Fixture is preset to 3500K from factory.



#### 5. Mounting diffuser

- Install the acrylic diffuser (7) into the shade (6). With the matte finish side of (7) facing down, bend it slightly to angle it up inside the shade as shown in **Figure 3**.
- The diffuser should fall into place at the bottom of the shade.

#### 6. Power to the fixture can now be restored.



#### Limited Factory Warranty

AFX Inc. hereby warranty that this fixture is free from defects in materials and workmanship when installed and used under normal operating conditions for a period of 5 years from date of shipment from factory. This warranty covers all component parts and extends only to replacement of defective fixture or components; it does not cover failure due to improper installation, misuse, mishandling or damage incurred in transit.