

# LED Indoor Luminaires Vanity - Wall Mount 120VAC / 60Hz

Model # ATV Series

## 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. The fixture is compatible with Triac dimmers. Make sure that the power source conforms to the requirements of the fixture. (See labels on the fixture housing).
- 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 components from hardware kit.
- Place the shade (7) and hardware off to the side.
- Fixture can be installed in a vertical or horizontal orientation.
- Install mounting bracket (1) to the junction box (not included) with two screws (2). Use pencil to mark center of key slot to drill for plastic anchors and wood screws. Proceed to drill pilot hole at marked locations and secure with wood screws (4). If wood is not behind the drywall then remove mounting bracket and drill larger holes for plastic anchors. Install two plastic anchors (3), reinstall mounting bracket, and securely tighten to wall.

### 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 the power supply wires are within three inches of the driver, use a wire suitable for at least 90C (194F). **Note:** Most dwellings built before 1985 have supply wire rated to 60C. Consult a qualified electrician before installing.

- This unit will not operate properly unless connected to a "grounded" electrical circuit. Electrical shock, overheating, low or no light output, and shortened LED life can result if proper grounding is not done. Securely attach power source ground wire and fixture ground wire to green ground screw on mounting bracket.
- Make all wire connections to appropriate wire. Secure with wire nuts (provided).
- For none-dimming fixture.** Fixture will operate normal w/o connection to any dimmers. Connect white fixture lead to white (N) wire from supply power source. Connect black fixture lead to black (L) wire from supply power source.
- For Triac or ELV dimming fixture.** Connect white fixture lead to white (N) wire from supply power source. Connect black fixture lead to black (L) wire from dimmer supply power source.
- 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.

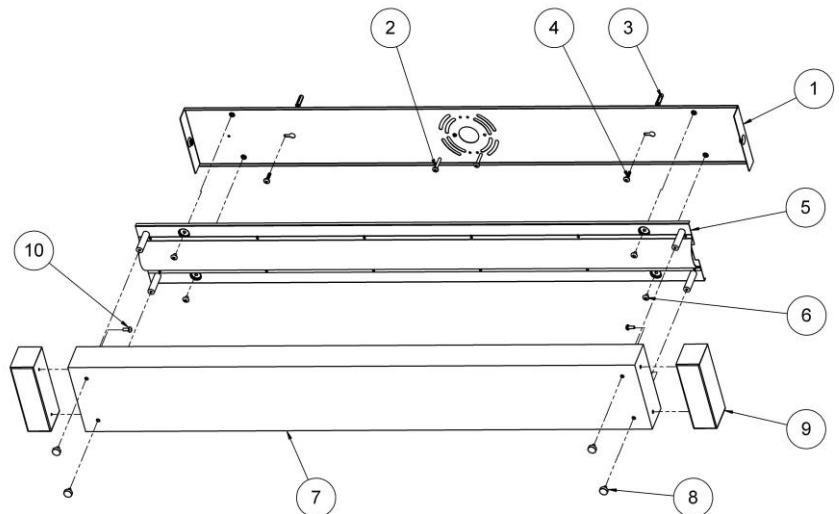
### 3. Fixture main housing installation.

- Install fixture main housing (5) by aligning four holes to mounting bracket (1) then using four screws (6) to secure it.

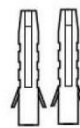
### 4. Shade assembly installation.

- Four end caps (9) are included with the fixture. However, only two of same finish will be used. Select two end caps in RB or SN finish to be used on the fixture. Unused pieces are to be discarded at this time. Install end caps (9) to shade (7) by aligning holes on the sides then using two screws (10) to secure it. Repeat on other side until fully assembled.
- Install diffuser assembly to the fixture by aligning four holes on the front to main housing (5) then using four decorative screws (8) to secure it.

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



ATV39053000L30D1xx-xx  
model shown for reference only.  
Individual models may vary.



plastic anchor  
2pcs



wire connector  
3pcs



screw(3)  
2pcs



machine screw(2)  
2pcs

### 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.