

AVX LED SERIES

INSTALLATION INSTRUCTIONS



WARNING:

- 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.
- Make sure all electrical power is turned off while installing the fixture.
- This luminaire must be adequately grounded for protection against shock hazards and to assure proper operation.
- Disconnect power before servicing.
- LEDs are ESD (Electro Static Discharge) sensitive devices that can be easily damaged if the proper ESD mitigating steps are not taken.
- LEDs are very sensitive to mechanical damage. Caution must be taken to avoid damage to the LEDs.
- ESD or mechanical damage voids all warranties.
- Suitable for dry and damp locations. Suitable for wet location under covered ceiling when specified with WET/CC option.

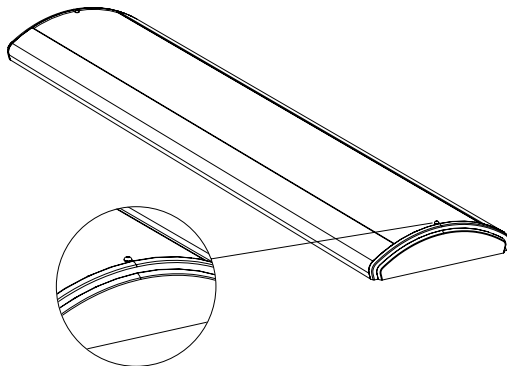
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A. FIXTURE PREPARATION

STEP 1: Remove two screws holding lens in place, remove lens by sliding towards one side and lifting out. Phillips head screws are supplied, if tamper-resistant screws are required, replace with the tamper-resistant screws packaged inside fixture.

FIG A.1



STEP 2: Remove #8 screws on each end of wireway covers.

FIG A.2 2' Units

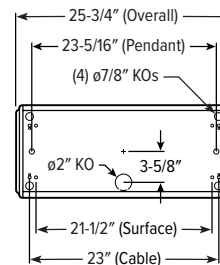


FIG A.3 4' Units

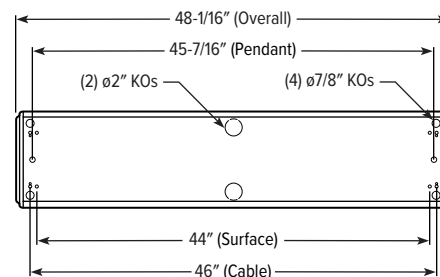
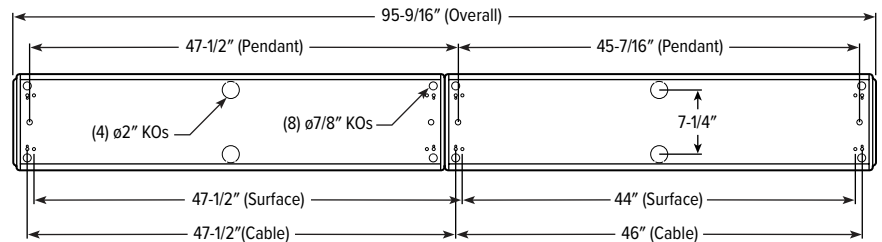


FIG A.4 8' Units



- For continuous row applications, subtract 9/16" from overall dimension for every additional fixture per row.
- 2" KOs not available with 2' fixture when specified with EM battery.
- 4' fixture may only have (1) 2" KO when specified with occupancy sensor.

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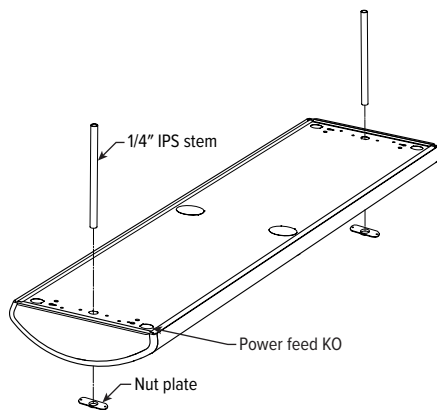
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B. PENDANT MOUNT

STEP 1: Attach nut plates inside fixture housing using #8 x 1/2" bolts furnished. Screw 1/4" IPS stem into threaded hub and tighten. Attach ceiling mounting brackets for stems to ceiling with fasteners approved for the application (furnished by others). Mount brackets on same centers as nut plates. Slide stem canopy over stem. Attach (2) stem lock nuts onto each threaded end of stem, hook lock nuts onto ceiling mounting brackets and tighten. Slide stem canopy over ceiling mounting bracket and secure with set screw on canopy ring.

NOTE: Two stem sets required for 4' fixture; three stem sets for 8'. One additional stem set required for each 4' length when row mounted.

FIG B.1



C. ROW MOUNT

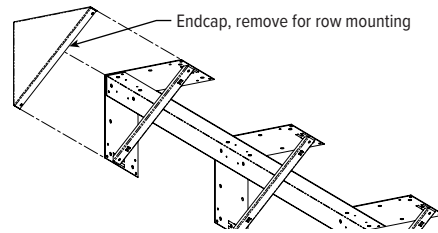
STEP 1: Prior to mounting fixtures in continuous row, remove decorative end caps at each fixture junction. If specified with quick-connect wiring harness, plug harnesses together. Place fixtures together, bosses and holes on endplates will align fixtures, and bolt together with #8 screws and nuts provided.

STEP 2: Finish all electrical components, reinstall wireway cover, and replace lens. (See "WIRING DIAGRAM" on page 4)

D. CORNER MOUNT

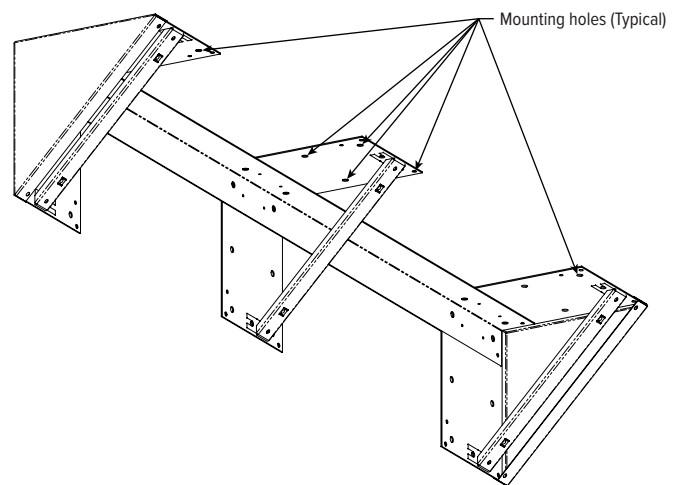
STEP 1: Corner mount assembly is shipped configured for individual fixture installation with endplates installed. If row mounted, remove endplates at fixture junction before mounting.

FIG D.1



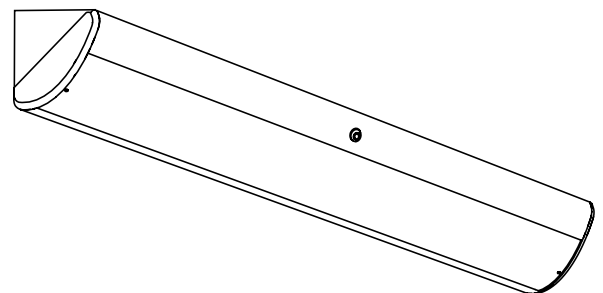
STEP 2: Place corner mount in desired location and fasten in place with fasteners approved for the application (furnished by others). 24 locations are provided per 4' section. Use an adequate number of fasteners to provide a secure mounting. Remove lens and wireway cover from fixture per "FIXTURE PREPARATION" on page 1 of these instructions.

FIG D.2



STEP 3: Position fixture over corner mounting bracket and secure with 1/4-20 screws (furnished). If row mounting, align, bolt, and fasten wiring harness per "ROW MOUNT" on page 2 of these instructions. See "WIRING DIAGRAM" on page 4. Finish electrical connections, reinstall the wireway cover, and lens.

FIG D.3



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E. SURFACE MOUNT

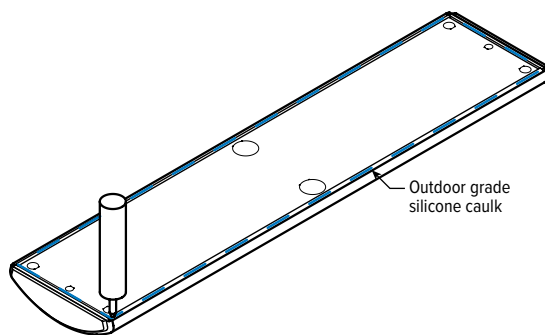
IF INSTALLING FIXTURE SPECIFIED WITH WET/CC OPTION, SEE “WET/CC SURFACE MOUNT INSTALLATION” BEFORE MOUNTING.

STEP 1: The mounting holes are now exposed on the fixture backplate. Diagram of hole locations are shown below. Secure fixture to mounting surface with fasteners (furnished by others) approved for the application.

F. WET/CC SURFACE MOUNT INSTALLATION

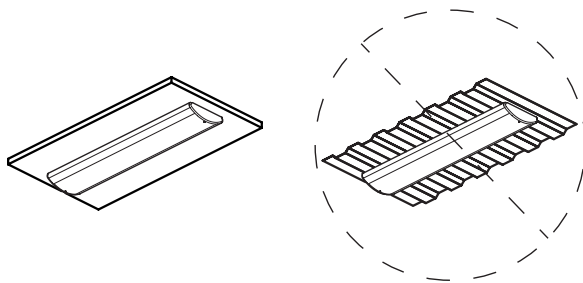
STEP 1: Apply outdoor grade silicone caulking (by others) around top perimeter of fixture. Secure fixture to mounting surface with fasteners (furnished by others) approved for the application.

FIG F.1



NOTE: Fixture must be mounted to smooth surface. Mounting to unsmooth surface (ex: corrugated sheet metal) will void WET/CC rating.

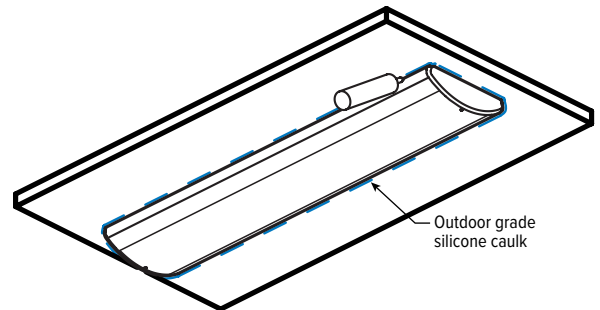
FIG F.2



STEP 2: Finish all electrical components, reinstall wireway cover, and replace lens. (See “WIRING DIAGRAM” on page 4)

STEP 3: After surface mounting fixture, apply additional outdoor grade silicone to seam between fixture and mounting surface

FIG F.3



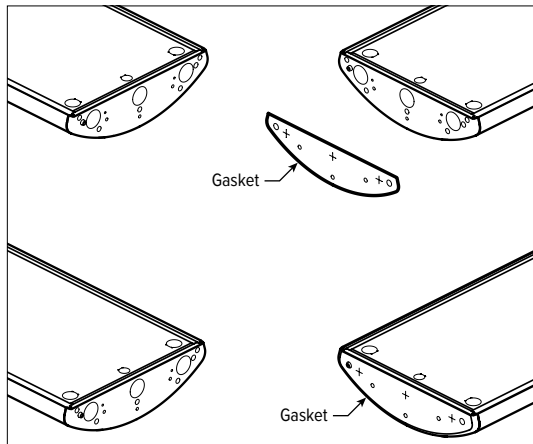
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G. WET/CC ROW MOUNT

STEP 1: Prior to mounting fixtures in continuous row, remove decorative end caps at each fixture junction. Apply gasket (provided) to end of one fixture at junction.

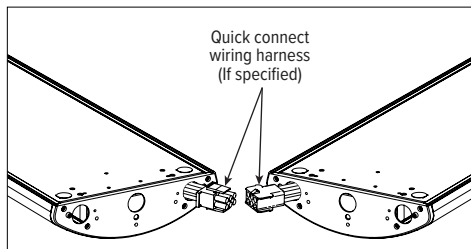
FIG G.1



STEP 2: If specified with quick-connect wiring harness, plug harnesses together. Place fixtures together, bosses and holes on endplates will align fixtures, and bolt together with #8 screws and nuts provided.

NOTE: If two sets of QC harnesses are provided:
Connect the pair with red tape.
Connect the pair with no red tape.

FIG G.1



H. WIRING DIAGRAM

Make electrical connections in accordance with NEC and local codes.

