



Aion LED will pre-fabricate Linear Fixtures, power feed cords, and jumpers to given dimensions. Fixture lengths per Lighting Fixture Schedule require verification.

Contractor should measure each location at the job site to confirm or update given dimensions prior to final order.

Considerations:

- 1. LED Fixture Tolerance: It is recommended to subtract 1-2 inches per side to allow clearance for wiring as well as to minimize 'hot spots' on adjacent surfaces or elevations.
- 2. Wiring Tolerance: It is recommended to specify jumper or corner connectors slightly longer than required to allow for flexibility in relative placement of numerous connected segments. Cable ties are provided with every order.
- 3. Coverage: Please experiment with fixture placement to achieve desired effect. Fixture placement may slightly change overall lineal dimension (i.e. 4-sided cove). Place fixture, then measure. Consult with design lead/ authorized personnel for approval.
- 4. Obstruction: Please verify each length after determining wiring method and checking for obstructions such as blocking.
- 5. Power lead length: Power feeds are usually 24 or 48 inches. Please specify desired power feed length after determining a suitable position to splice to building wire. Longer power feeds are available –additional charges apply, however leads can be extended with Aion LED BC Series connectors.
- 6. Electrical Junction Boxes: Junction boxes installed near fixtures are preferred for wall penetrations and for cable splicing.
 7. Accessories: (SOLD SEPARATELY) Aion LED 'BC Series' crimp connectors can transition low-voltage leads when there is no opportunity (space) for a box. Aion LED 'A-Cord' Class 2 In-wall, indoor, & outdoor approved power cable for runs up to 40ft.
 8. Overlap: For indirect applications, it is common to have slightly more space between segments than the actual LED spacing since the light coverage will cross between segments eliminating any dark spots. The beam angle of Aion LED Linear Fixtures is 120° (with A-Track = 180°). Please order longer jumpers when possible to provide flexibilty of fixture placement (See item #2).

#	SKU	ID (TYPE)	Q	GIVEN DIMENSIONS	CONFIRMED DIMENSIONS	24 OR 48" POWER FEED
						-
						1
						+
						1