

Installation Instructions – Define Grid S121

⚠ WARNING

RISK OF ELECTRIC SHOCK—Disconnect power at fuse or circuit breaker before installing or servicing.

⚠ WARNING

Risk of fire/electric shock. If not qualified, consult an electrician.

⚠ WARNING

Risk of fire or electric shock. Luminaire's wiring, ballasts, or other electrical parts may be damaged when drilling for installation of reflector kit hardware. Check for enclosed wiring and components.

⚠ WARNING

The weight of the luminaire (ONLY) not to exceed 40 lbs.

NOTE: This product must be installed in accordance with the applicable installation code by a certified electrician familiar with the construction and operation of the product and hazards involved.

NOTE: Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.

NOTE: To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or any sharp objects.

NOTE: Disconnect all power before proceeding.

Installation Instructions

Define Series (1" Housing Size))

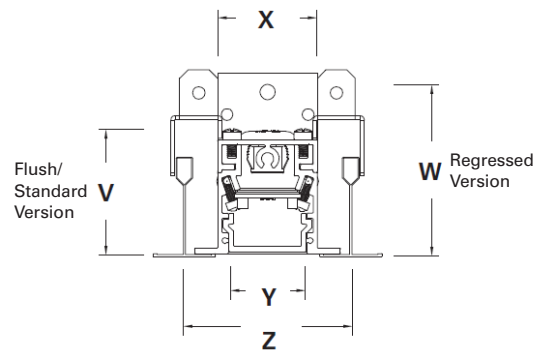
Individual and Continuous Luminaires
For Installation in Grid Ceilings

Warning: Before starting any work, ensure that all power sources are turned off. All work must meet local/national electrical codes and be preformed by a certified electrician.

Parts List

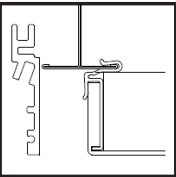
- Fixture with Attached Remote Driver Enclosure
 - Grid Bracket/Joiner (pre-installed in fixture)
 - Access Plate (pre-installed in remote enclosure)
 - Support Wire (by others)
- Shielded Cable (by others)
 - Push-in Quick Connect
 - Alignment Pins (pre-installed in fixture) (Continuous runs only)
 - #8-32 2-1/2" Bolts and Nuts (Continuous runs only)
 - 9/64" Allen Wrench (by others)
 - 11/32" Flexible Nut Driver (by others)

Cross Section and Grid Spacing Details

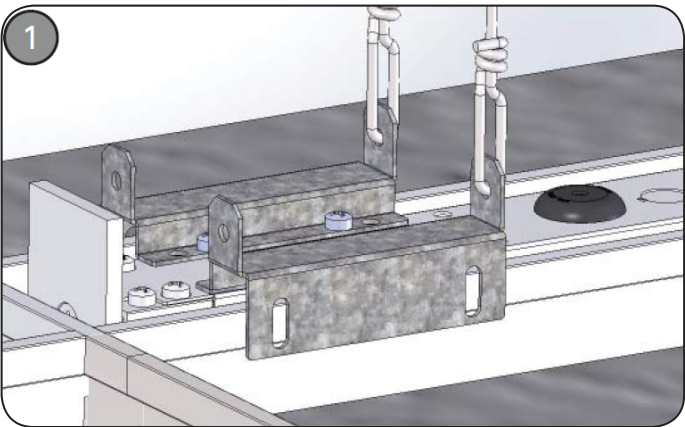


Define Cross Section Dimensions					
All Grid	V (Flush)	W (Regressed)	X	Y	Z
Define 1	1.734	2.705	1.500	1.180	2.500

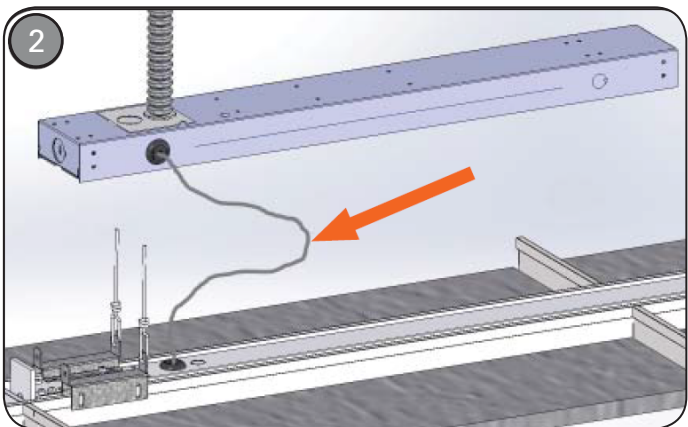
Mounting Information - Extruded Trim Flange Details - Refer to submittal drawings for detailed flange information



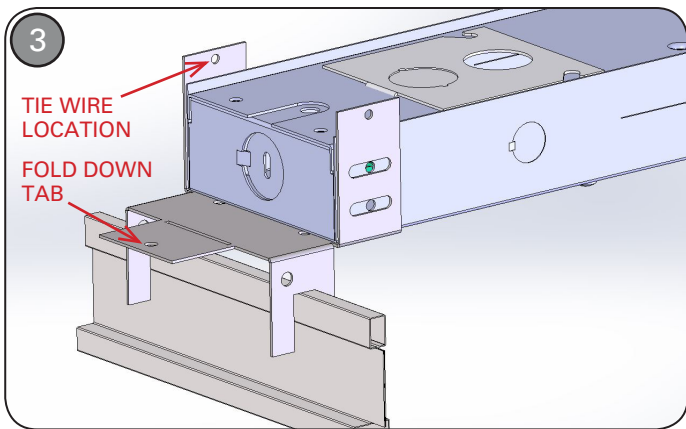
Trimless
Extruded Side



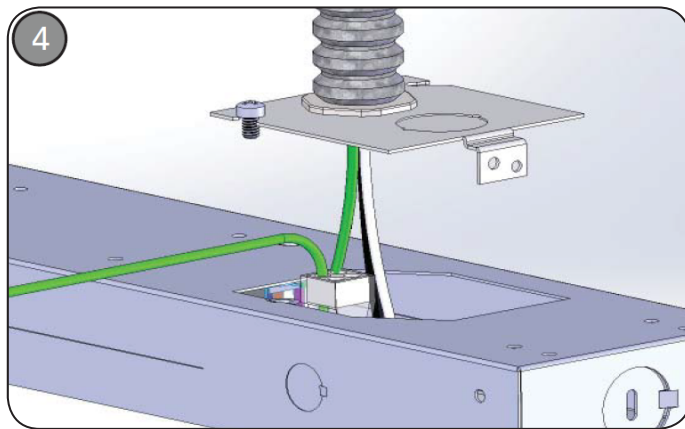
Install luminaire into Grid. Ensure Grid brackets secure over grid. Tie fixtures back to structure as shown. **OPTIONAL STEP:** Secure fixture to grid using #8 screws through grid bracket. Required for seismic installations.



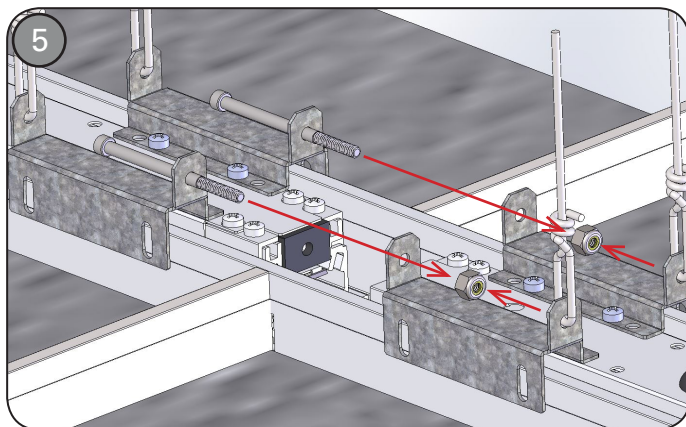
Each fixture length, in Individual or Continuous, is supplied with a pre-wired remote driver enclosure. Install driver enclosure using provided grid clips. Enclosure can be disconnected; ensure to mark enclosure and fixture if disconnected. Remote enclosure is supplied with MAXIMUM length low voltage, plenum rated cable. Cable can be shortened if desired. **DO NOT** lengthen cable.



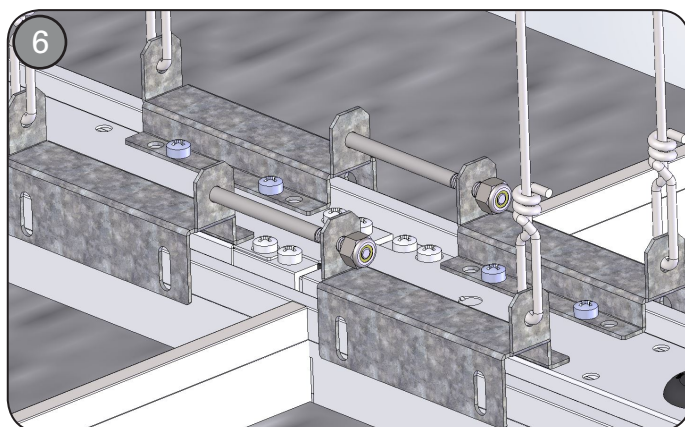
Secure remote enclosure to grid using provided clips. Grid clip allows tie wire attachments and/or attachment to grid through fold down tab.



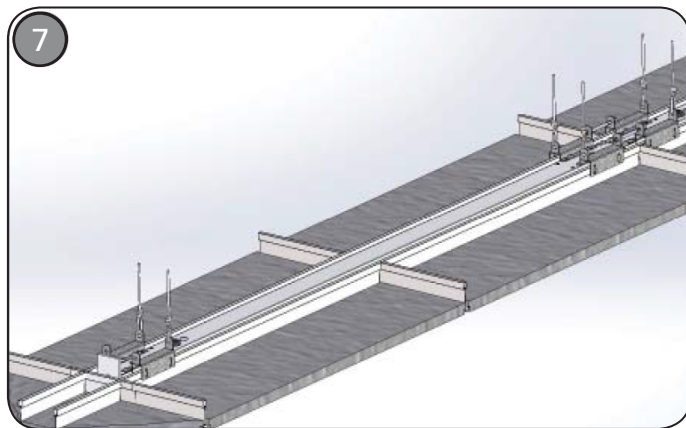
Bring power to remote enclosure. Remove access plate, make appropriate wire connections and re-secure access plate to remote enclosure.



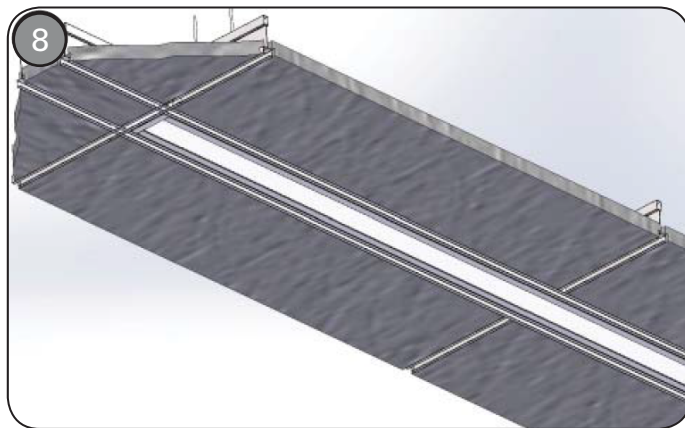
FOR CONTINUOUS RUNS: Connect through wiring using the provided push-in connectors. Tuck wiring into fixture and push together ensuring alignment pins are properly connected. Secure run using #8-32 bolts and nuts on each side of fixture through grid brackets.



FOR CONTINUOUS RUNS: Secure next fixture in row using support wires on both sides of fixture.



Installation completed for continuous run. Top view.



Installation completed. Bottom view.

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