



12100-14/20/40-PR INSTALLATION INSTRUCTIONS FOR: Linear Perimeter Wall Wash LED Recessed Light

Safety Precautions:

- **Read All Instructions:** Carefully review all safety precautions and installation instructions before installing or servicing the fixture. Failure to follow these instructions could result in serious electric shock or property damage.
- Before starting the installation, disconnect the power by turning off the circuit breaker or removing the fuse at the fuse box. Turning the power off using the light switch is not sufficient to prevent electrical shock.
- **Professional Wiring:** It is recommended that a qualified electrician handle all wiring. Ensure all work is performed in accordance with national and local electrical codes.
- **Avoid Wet Conditions:** Do not handle an energized fixture or attempt to energize any fixture with wet hands or while standing on a wet or damp surface or in water.
- Do not install in a hazardous atmosphere, except where the ambient temperature does not exceed the rated operating temperature of the fixture.
- **Verify Power Source:** Ensure the power source meets the fixture's requirements.
- Use only UL (or other NRTL) approved wire for input/output connections.
- Keep tightly closed when in operation.

Prepare Electrical Wiring :



Electrical Requirements:

- Must check if the local voltage range is correspond with the working voltage of the fixture. Use min. 75°C supply.

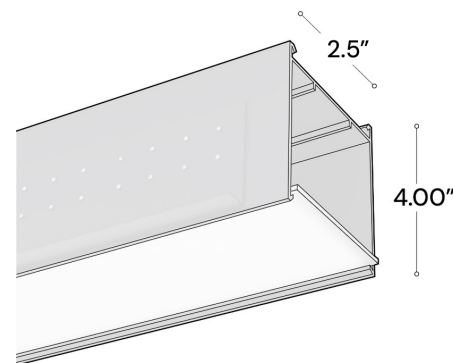


Grounding Instructions:

- The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and local codes.



Follow all applicable safety procedures and use Personal Protective Equipment such as hardhats, safety glasses, reflective vest, electrical safety gloves, fall protection equipment and safety toe boots during the installation, operation, and maintenance of the luminaire.

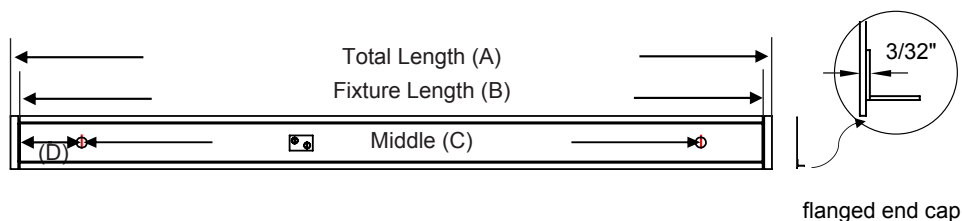


Length :
2', 3', 4', 6', 8' & Continuous Run

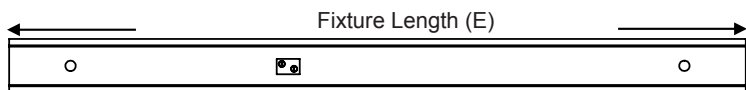


12100-14/20/40-PR DRYWALL MOUNT INSTALLATION INSTRUCTIONS

INDIVIDUAL HOUSING



INTERMEDIATE RUN



ITEM	(A) ¹	(B)	(E) ²	(C)	(D)
12100-20-PR 2-Foot	25"	24-3/16"	24"	16"	4"
12100-20-PR 3-Foot	37"	36-3/16"	36"	28"	4"
12100-20-PR 4-Foot	49"	48-3/16"	48"	40"	4"
12100-20-PR 6-Foot	73"	72-3/16"	72"	64"	4"
12100-20-PR 8-Foot	97"	96-3/16"	96"	88"	4"

* A flanged end cap (std.) has 9/16" thickness.

* A flat end cap has 1/16" thickness.

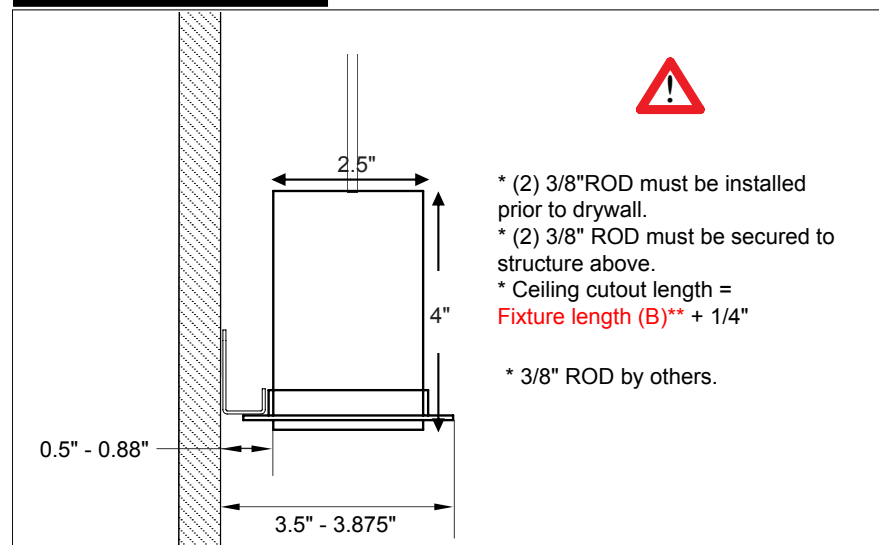
* Flange is 1/2"

** +/- 1/16" manufacturing tolerance not included.

1. Including the flanged end caps at both ends.

2. A middle run that doesn't require end caps, measured without end caps.

PREPARATION



** EXAMPLE:

Individual 4FT: $48\text{-}3/16" + 1/4" = 48\text{-}7/16"$

Continuous Run:

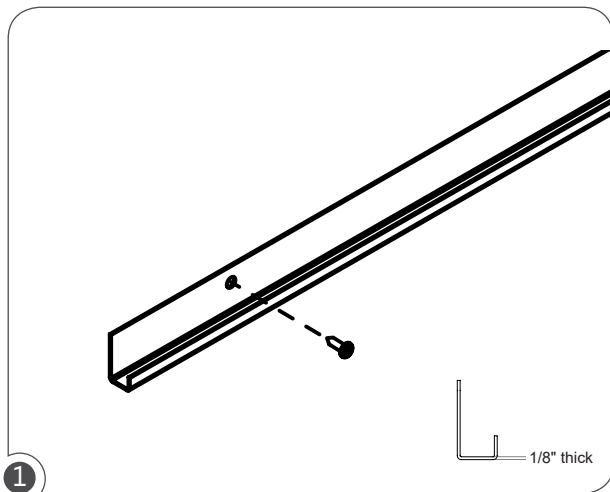
8FT (4x2): $48\text{-}3/16" + 48" + 1/4" = 96\text{-}7/16"$

12FT (4x3): $48\text{-}3/16" + 48" + 48" + 1/4" = 144\text{-}7/16"$

16FT (4x4): $48\text{-}3/16" + 48" + 48" + 48" + 1/4" = 192\text{-}7/16"$

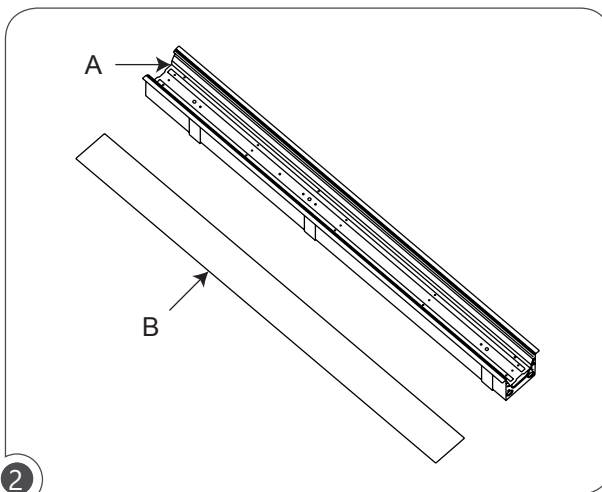


12100-14/20/40-PR DRYWALL MOUNT INSTALLATION INSTRUCTIONS



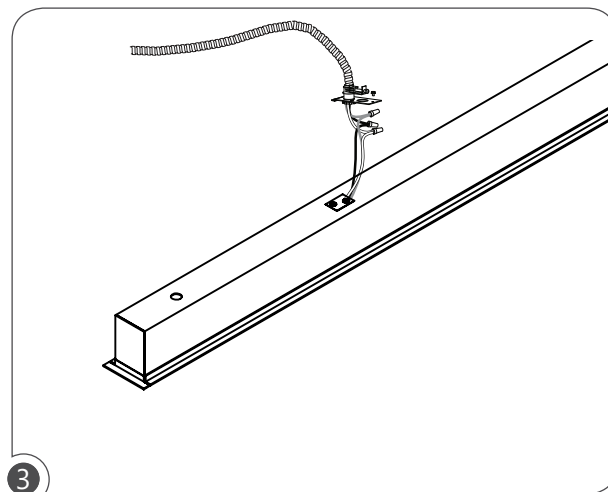
1

Mount J-Rail to wall (hardware by others). Bottom of the J-Rail must be placed 1/8" above the intended fixture's placement to be flushed to the ceiling.



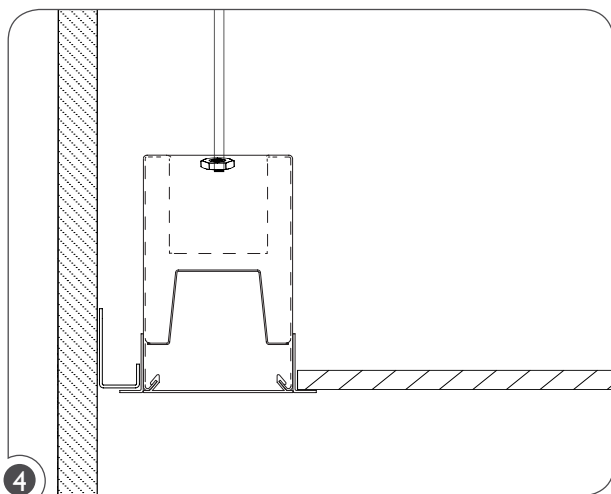
2

Remove Lens (B) and LED module plate (A).



3

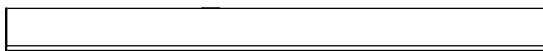
Make electrical connections.



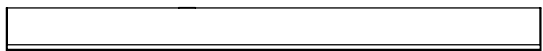
4

Secure and tighten fixture snug to the ceiling using (2) 3/8" rod (by others)

OPTIONAL



replace (1) end cap



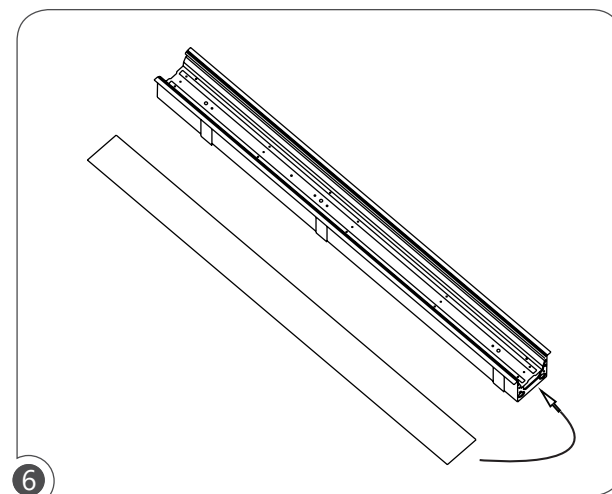
replace both end caps

A bag set of flat end caps included.



5

Replace with flat end cap(s) for limited spaces.



6

Reinstall LED module plate and lens to complete the installation.

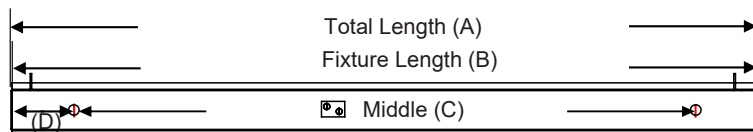
WARNING:



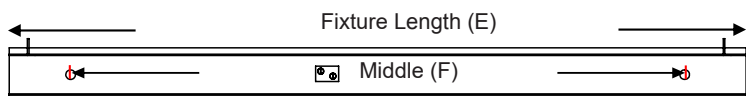
RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

12100-14/20/40-PR T-BAR MOUNT INSTALLATION INSTRUCTIONS

INDIVIDUAL HOUSING



INTERMEDIATE RUN



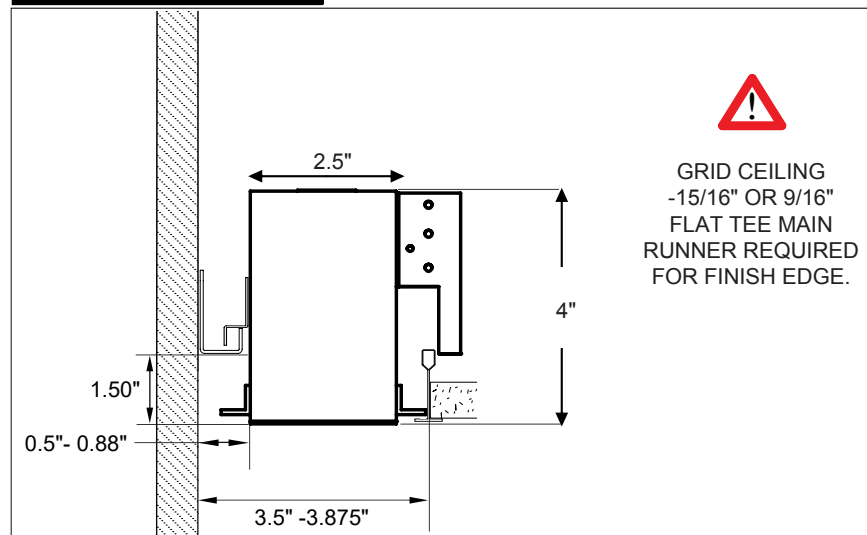
ITEM	(A) ¹	(B) ⁴	(E) ²	(C) ³	(D) ³	(F) ³
12100-20-PR 2-Foot	23-9/16"	23-7/16"	24"	15-7/16"	4"	16"
12100-20-PR 3-Foot	N/A	N/A	36"	N/A	4"	28"
12100-20-PR 4-Foot	47-9/16"	47-7/16"	48"	39-7/16"	4"	40"
12100-20-PR 6-Foot	71-9/16"	71-7/16"	72"	63-7/16"	4"	64"
12100-20-PR 8-Foot	95-9/16"	95-9/16"	96"	87-7/16"	4"	88"

* Flange is 1/2"

** +/- 1/16" manufacturing tolerance not included.

1. Including end cap at both ends.
2. Middle run that doesn't require end caps, measured without end caps.
3. Pre-holes available for optional (2) rod installation (by others).
 - (2) 3/8" ROD must be installed prior to installation.
 - (2) 3/8" ROD must be secured to structure above.
4. Without end caps (each end cap is 1/16" thick).

PREPARATION FLUSH LAY-IN GRID



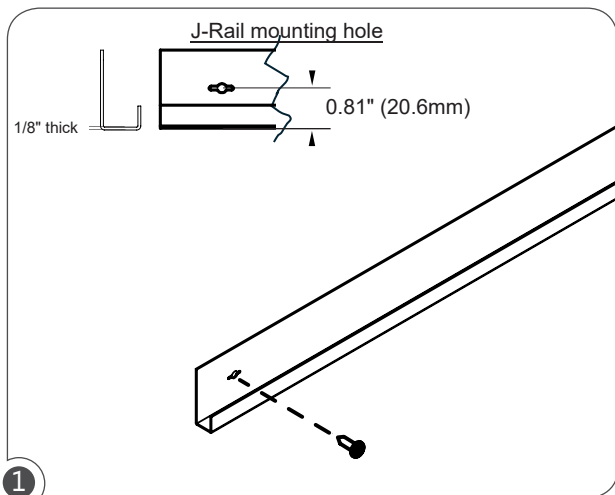
GRID CEILING
-15/16" OR 9/16"
FLAT TEE MAIN
RUNNER REQUIRED
FOR FINISH EDGE.

WARNING:

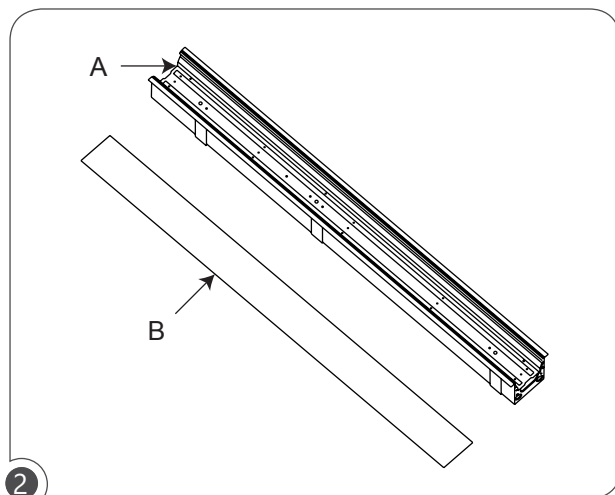


RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

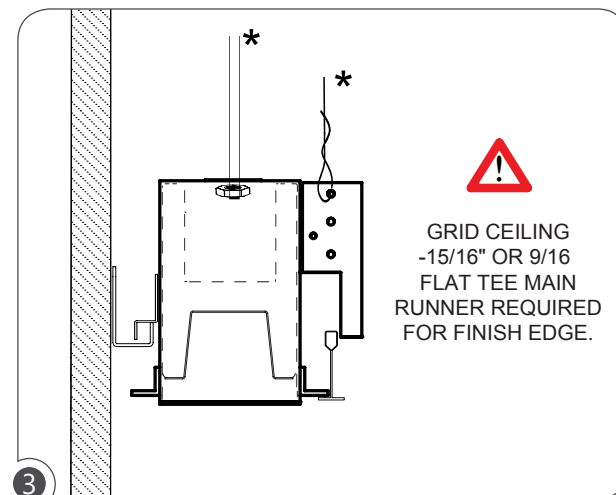
12100-14/20/40-PR T-BAR MOUNT INSTALLATION INSTRUCTIONS



1 Mount J-Rail to wall (hardware by others). Bottom of the J-Rail must be placed 1/8" above the intended fixture's placement to be flushed to the ceiling.

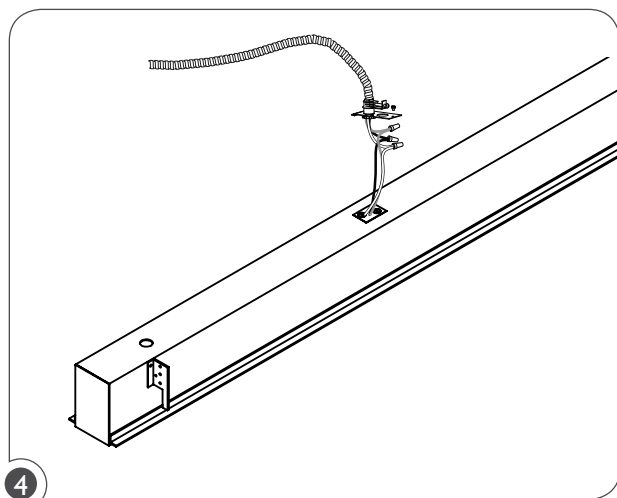


2 Remove Lens (B) and LED module plate (A).

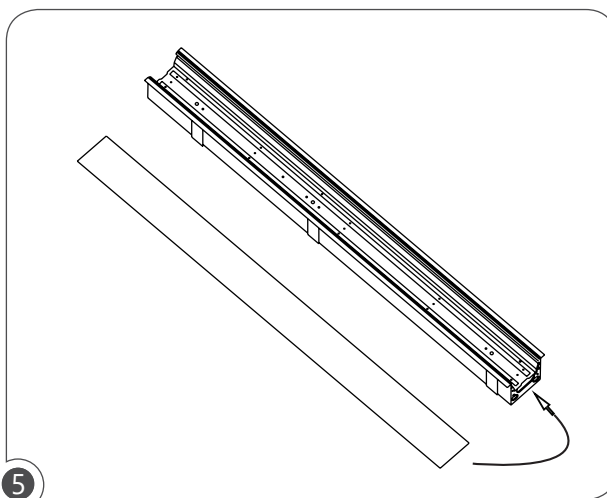


3 Lift housing into place engaging J-rail and Z-rail (pre-installed), and to T-grid. Level housing and secure to structure above with either rod* or safety cable* (by others*)

GRID CEILING
-15/16" OR 9/16
FLAT TEE MAIN
RUNNER REQUIRED
FOR FINISH EDGE.



4 Make electrical connections.



5 Reinstall LED module plate and lens to complete the installation.

WARNING:



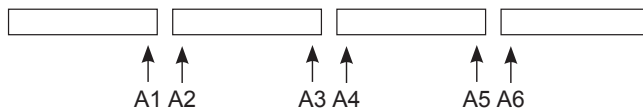
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12100-14/20/40-PR TOOL(S) NEEDED for CONTINUOUS ROW

Option 1) Cordless drill and an elbow or L-shape adapter with Philips Insert Bit extension.

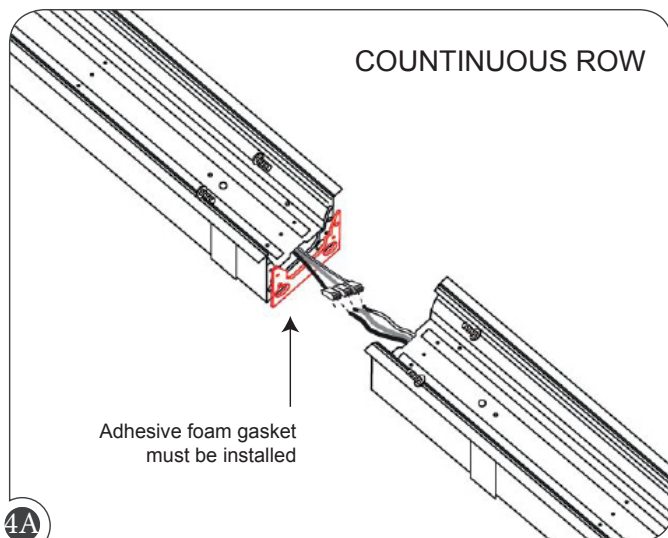


Option 2) Flexible Screwdriver with Philips Insert Bit.



Continuous Row

Align continuous row fixtures in numerical order under the same alphabet family.



- 1) Make wiring connection from each fixture power supply wires together.
- 2) Align fixtures and screw together with 4 screws (provided).

