



12100-20-PR INSTALLATION INSTRUCTIONS FOR: 2.5-Inch Linear Perimeter Wall Wash LED Recessed Light

WARNING: RISK OF FIRE, EXPLOSION, OR ELECTRIC SHOCK

- Installation, inspection, and maintenance must be performed by a qualified electrician in accordance with the National Electrical Code (NEC) and all applicable local codes.
- Always disconnect power before inspecting, installing, or removing the fixture.
- Use only UL-listed (or other NRTL-approved) wire for all input and output connections.
- Ensure LEDs and drivers have cooled before performing any maintenance.
- Verify that the supply voltage matches the fixture's rated voltage before installation.
- Do not install in hazardous locations unless the ambient temperature remains within the fixture's rated operating range.
- Ensure all enclosures are securely sealed during operation.

Prepare Electrical Wiring



Electrical Requirements:

Before installation, verify that the local voltage matches the fixture's rated operating voltage. Use supply conductors rated for a minimum of 75°C.



Grounding Instructions:

Grounding and bonding must comply with NEC Article 600 and all applicable local codes.

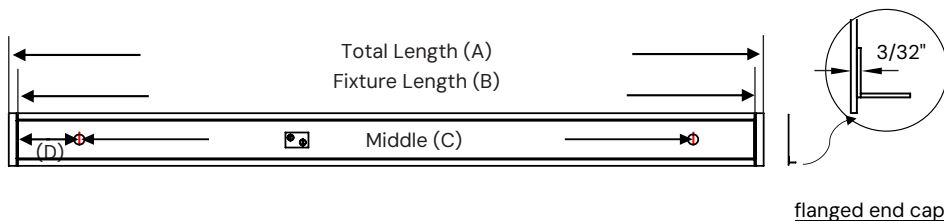


Safety Precautions:

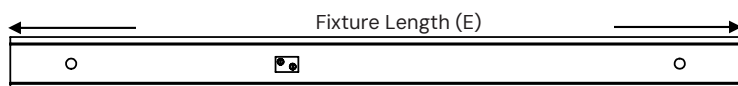
Always follow approved safety protocols. During installation, operation, and maintenance, use appropriate Personal Protective Equipment (PPE), including hard hats, safety glasses, reflective vests, electrical-rated gloves, fall protection, and safety toe boots.

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INDIVIDUAL HOUSING



INTERMEDIATE RUN

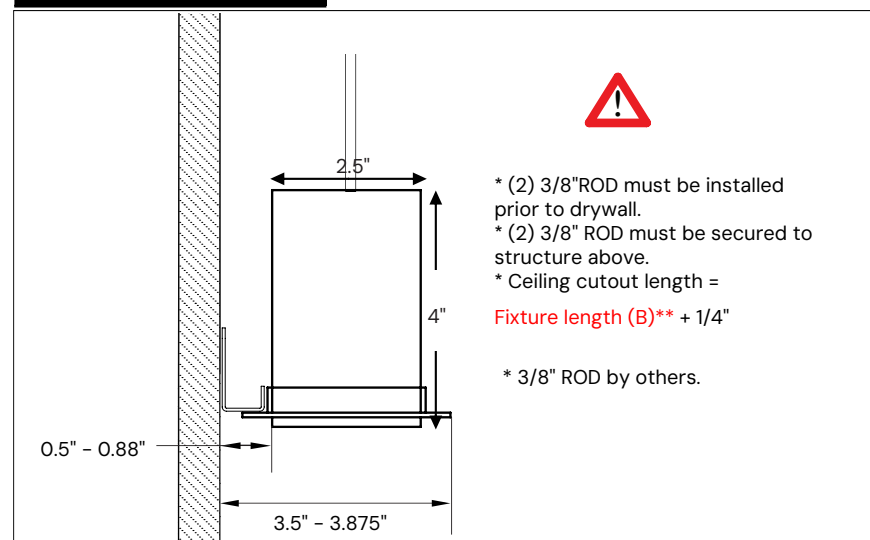


ITEM	(A) ¹	(B)	(E) ²	(C)	(D)
12100-20-PR 2FT	25"	24-3/16"	24"	16"	4"
12100-20-PR 3FT	37"	36-3/16"	36"	28"	4"
12100-20-PR 4FT	49"	48-3/16"	48"	40"	4"
12100-20-PR 6FT	73"	72-3/16"	72"	64"	4"
12100-20-PR 8FT	97"	96-3/16"	96"	88"	4"

- * 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: $48-3/16" + 1/4" = 48-7/16"$

Continuous Run:

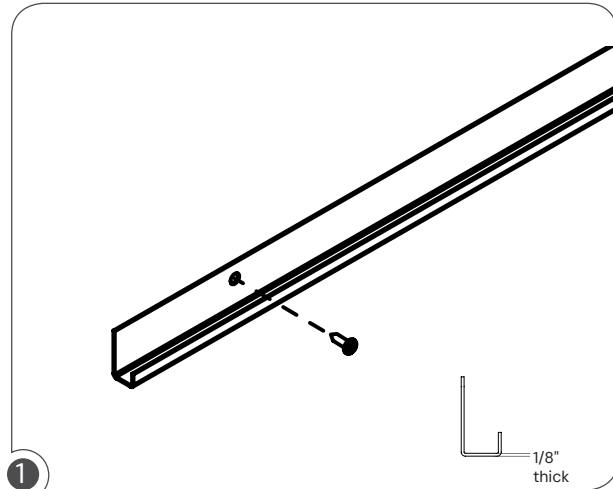
8FT (4x2): $48-3/16" + 48" + 1/4" = 96-7/16"$

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

(4x4): $48-3/16" + 48" + 48" + 48" + 1/4" = 192-7/16"$

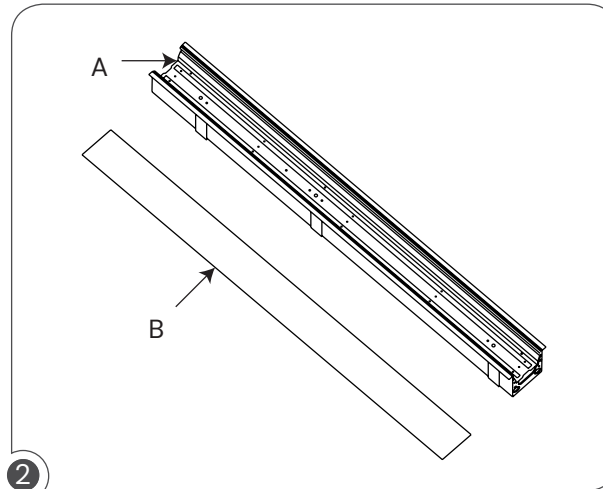


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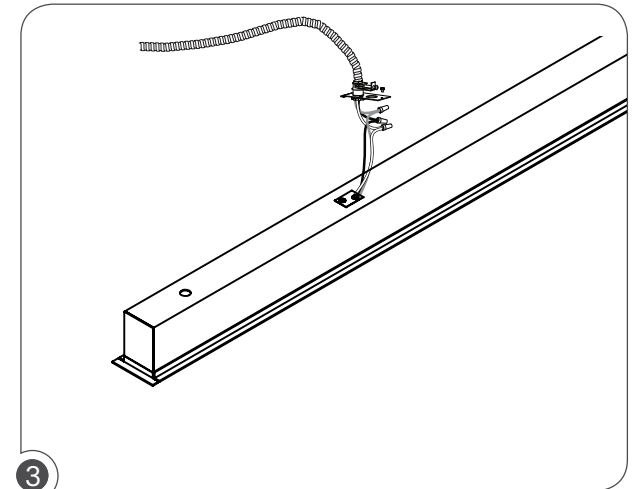
1

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.



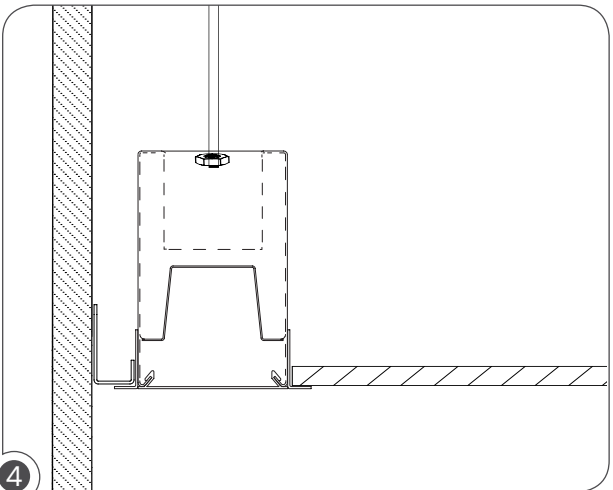
2

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



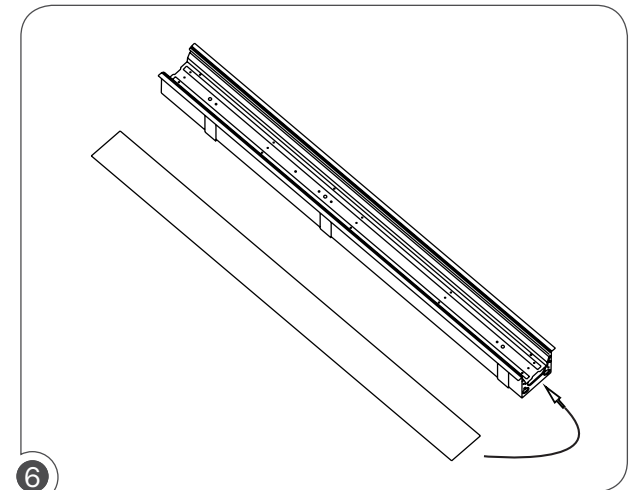
replace both end caps



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.



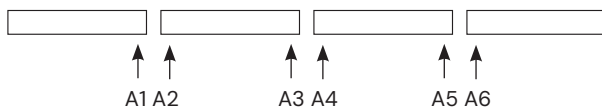
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TOOLS NEEDED

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

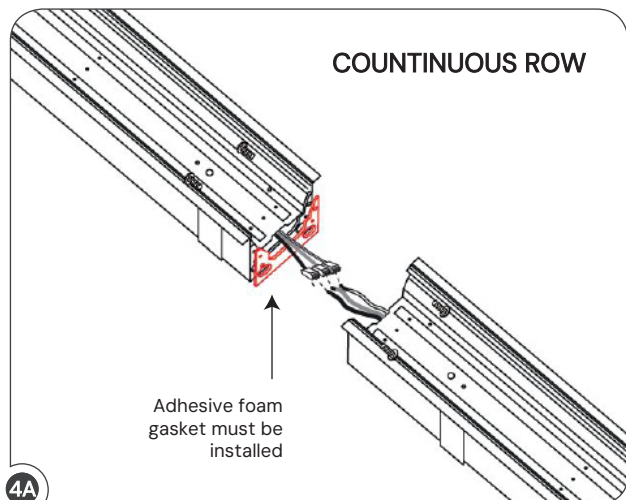


Option 2) Flexible Screwdriver with Philips Insert Bit.



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).

