

20 Linear

WG-20LDI-FR-S-T
WG-20LD-FR-S-T
WG-20LI-FR-S-T

Installation Instructions

Suspended

Frame Rectangle
Direct/Indirect, Direct, or Indirect
24 x 48, 24 x 72, 24 x 96, 48 x 96

Luminaires must be installed by a qualified electrician (check with local and national codes for proper installation).

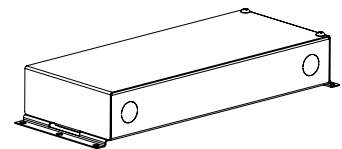
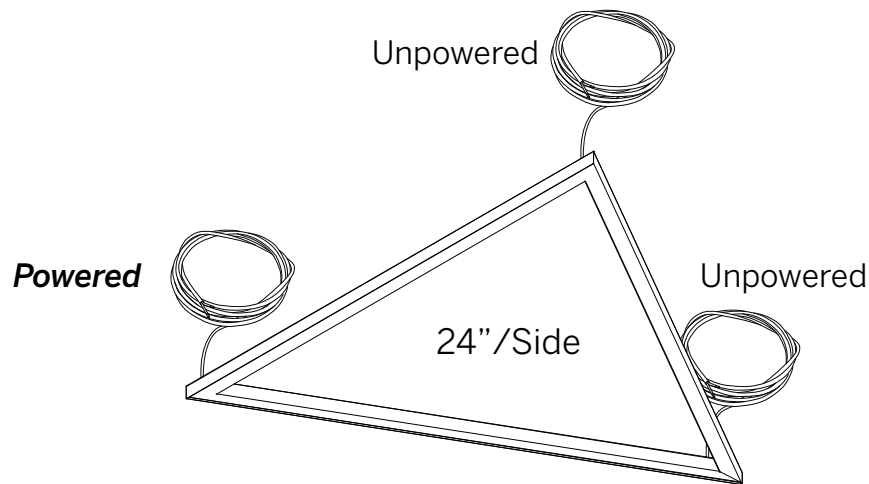


To prevent electrical shock, disconnect electrical supply before installation or servicing.
Never connect a live fixture!!!

Contractor is responsible for adequately reinforcing walls and/or ceilings to support fixture weight. Provide blocking when necessary.

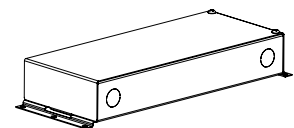
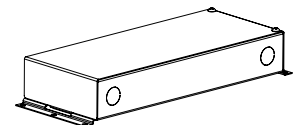
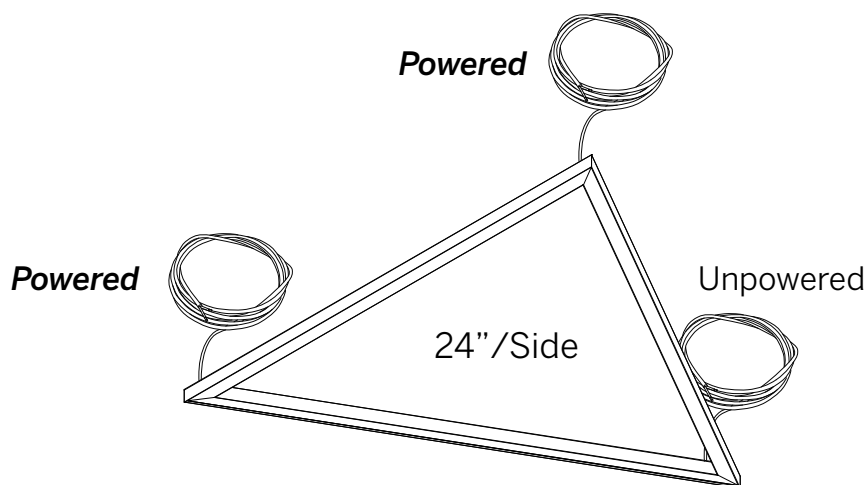
Step 1 - **Open the Box**

Unpack luminaire units. Remote drivers and housings are supplied by Inter-lux. A second cable may be powered or unpowered depending on configuration. Fixture may also be powered by one or two drivers.



Remote Housing with Driver*
(not to scale, generic box shown)

Single Circuit Fixture
Direct and Indirect lighting powered off of same Driver



Remote Housings with Drivers*
(not to scale, generic box shown)

Dual Circuit Fixture
Direct and Indirect lighting powered off of (2) Drivers.
Direct and Indirect lighting may be operated and controlled separately.

*See Wiring and Driver Pages for actual Remote Driver and Housing Pairings

Need Help?

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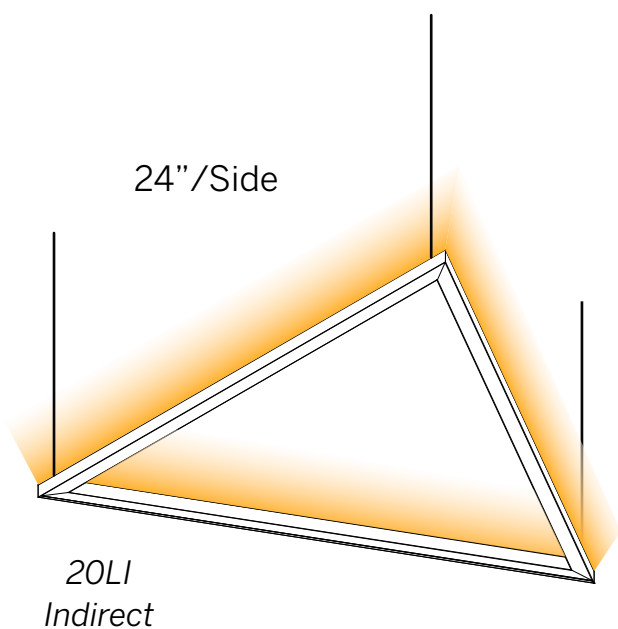
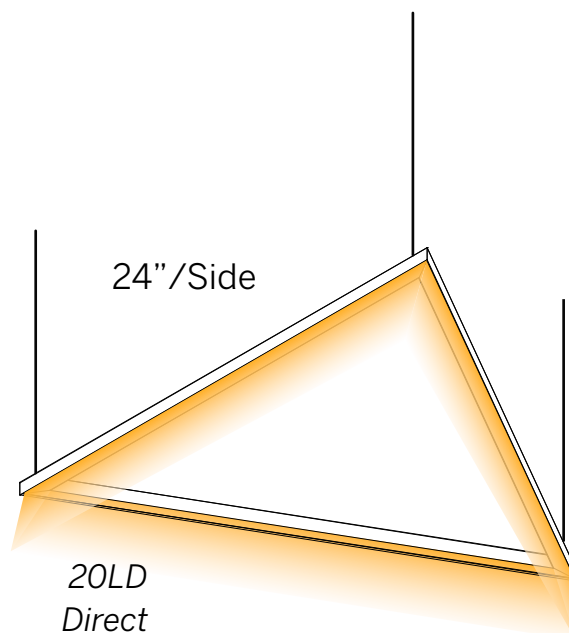
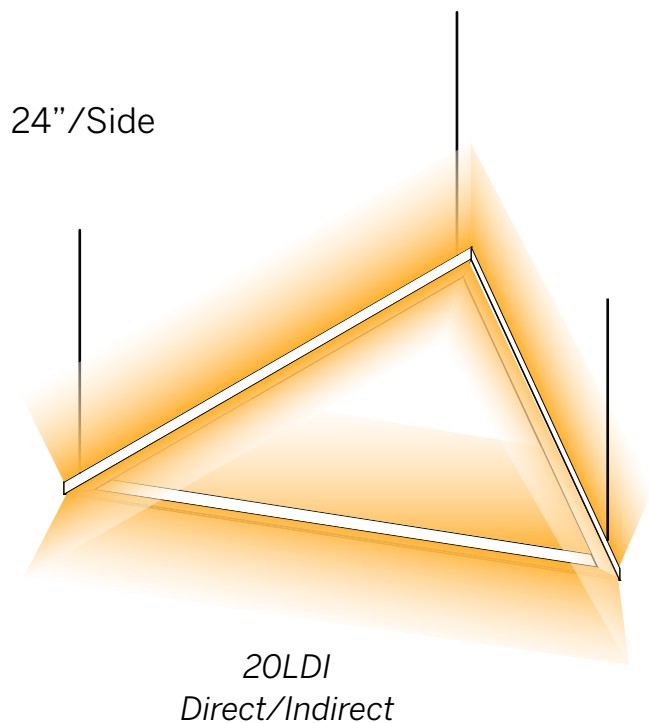
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2/6

Variant Light Patterns

Illustration of light output shows direction only, and is not indicative of actual color, intensity, or spread.



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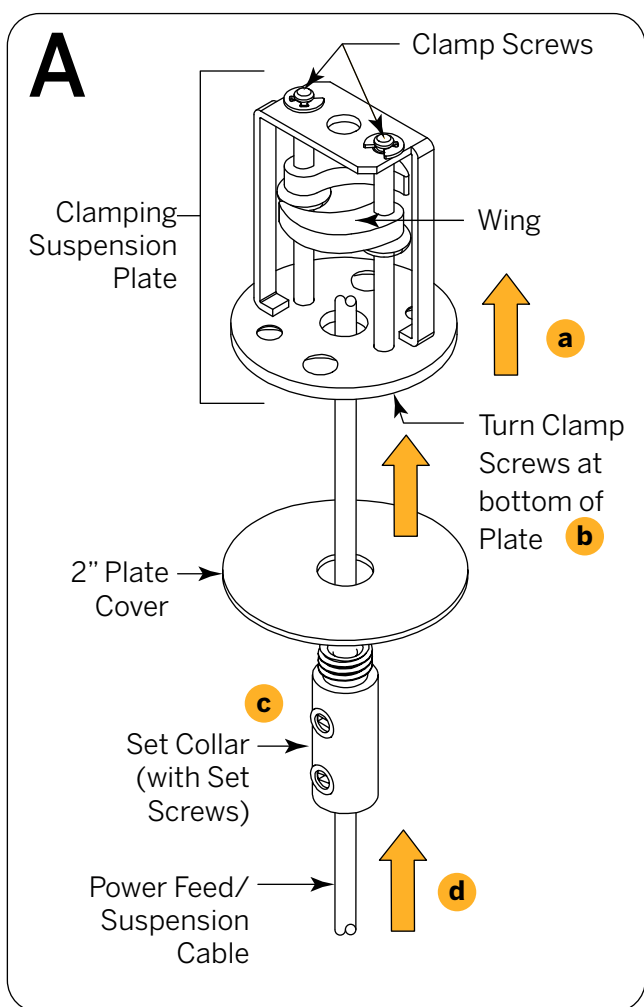
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Step 2 - *Prep Ceiling*

- a** Measure distance between centers of suspensions points
- b** Mark ceiling for center of Power Feed/Suspension Cables

Step 3 - *Hang & Wire*



¹Independent operation of Direct and Indirect light requires (2) Drivers.

²Set Screws require a small slotted screwdriver.

A. For Drywall or Acoustic Tile

- a** At each mark, drill a 1-1/8" hole in ceiling. Insert Clamping Suspension Plate into hole.
- b** Swing out Wings and tighten Clamp Screws at bottom of Plate with Phillips screwdriver. Doing so will lower Wings and clamp them against top surface of ceiling.
- c** Loosen Set Screws on Set Collar. Place Plate Cover on bottom of Clamping Suspension Plate and follow with Set Collar. Screw Set Collar into bottom of Plate.
- d** Insert Power Feed /Suspension Cable through Plate assembly. Connect Cable to low voltage wires from Remote Driver.¹ Tighten Set Screws to secure.
- e** Adjust height as needed. Lock by tightening Set Screws.²
- f** *Single Circuit:* Repeat steps **a** to **c** and **e** for each of the Unpowered Suspension cables.
Dual Circuit: Repeat steps **a** to **e** for the second Powered Suspension cable, then step **f** for each of the Unpowered Suspension cables.
- g** Level Fixture via the Set Screws in Set Collar.
- h** Energize!

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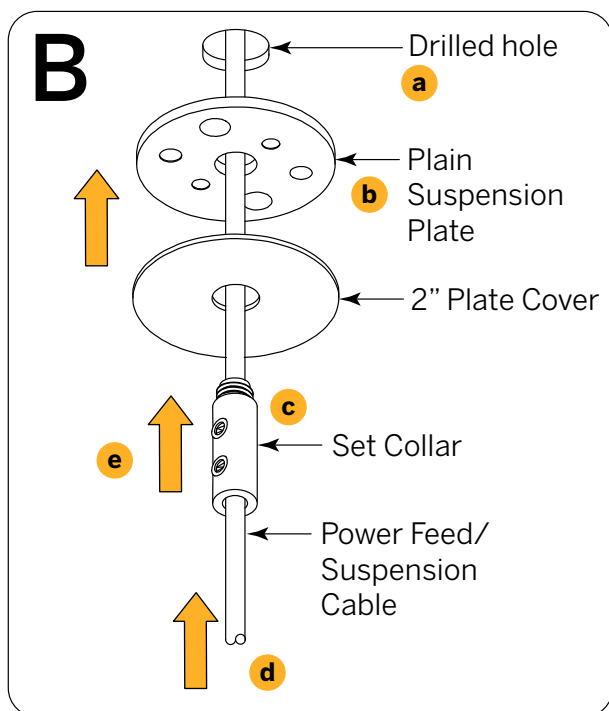
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Step 3 - *Hang & Wire* (continued)



¹Independent operation of Direct and Indirect light requires (2) Drivers.

²Set Screws require a small slotted screwdriver.

B. For Concrete, Wood, or Metal

- a** At each mark, drill hole in ceiling sized for the Power Feed/Suspension Cable.
- b** Screw Plain Suspension Plate to ceiling with drilled hole centered in Plate's center hole. (Screws supplied by others.)
- c** Loosen Set Screws on Set Collar. Place Plate Cover on bottom of Clamping Suspension Plate and follow with Set Collar. Screw Set Collar into bottom of Plate.
- d** Insert Power Feed /Suspension Cable through Plate assembly. Connect Cable to low voltage leads from Remote Driver.¹
- e** Adjust height as needed. Lock by tightening Set Screws.²
- f** *Single Circuit:* Repeat steps **a** to **c** and **e** for each of the Unpowered Suspension cables.
- Dual Circuit:* Repeat steps **a** to **e** for the second Powered Suspension cable, then step **f** for each of the Unpowered Suspension cables.
- g** Level Fixture via the Set Screws in Set Collar.
- h** Energize!

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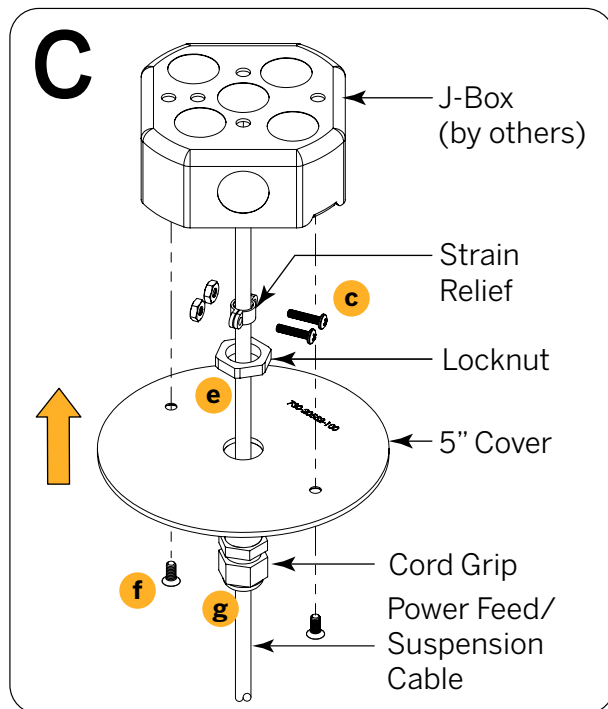
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Step 3 - Hang & Wire (continued)



*Independent operation of Direct and Indirect light requires (2) Drivers.

C. For New Construction/Open Ceiling

- a** At each mark, center and cut ceiling for Junction Box (by others)
- b** Pull incoming low voltage leads from Remote Driver into Junction box.
- c** Assemble Strain Relief with supplied Screws and Nuts. String Cord Grip, 5" Cover, Locknut, and assembled Strain Relief onto Power Feed/Suspension Cable.
- d** Connect Power Feed/Suspension Cable to incoming low voltage leads from Remote Driver.*
- e** Tighten Strain Relief. Fasten Cord Grip to Locknut.
- f** Cover J-Box with 5" Cover. Fasten Cover to J-Box with screws (by others).
- g** *Single Circuit:* Repeat steps **a** to **c** and **e** & **f** for each of the Unpowered Suspension cables.

Dual Circuit: Repeat steps **a** to **f** for the second Powered Suspension cable, then step **g** for each of the Unpowered Suspension cables.
- h** Level Fixture by adjusting nut of Cord Grip.
- i** Energize!

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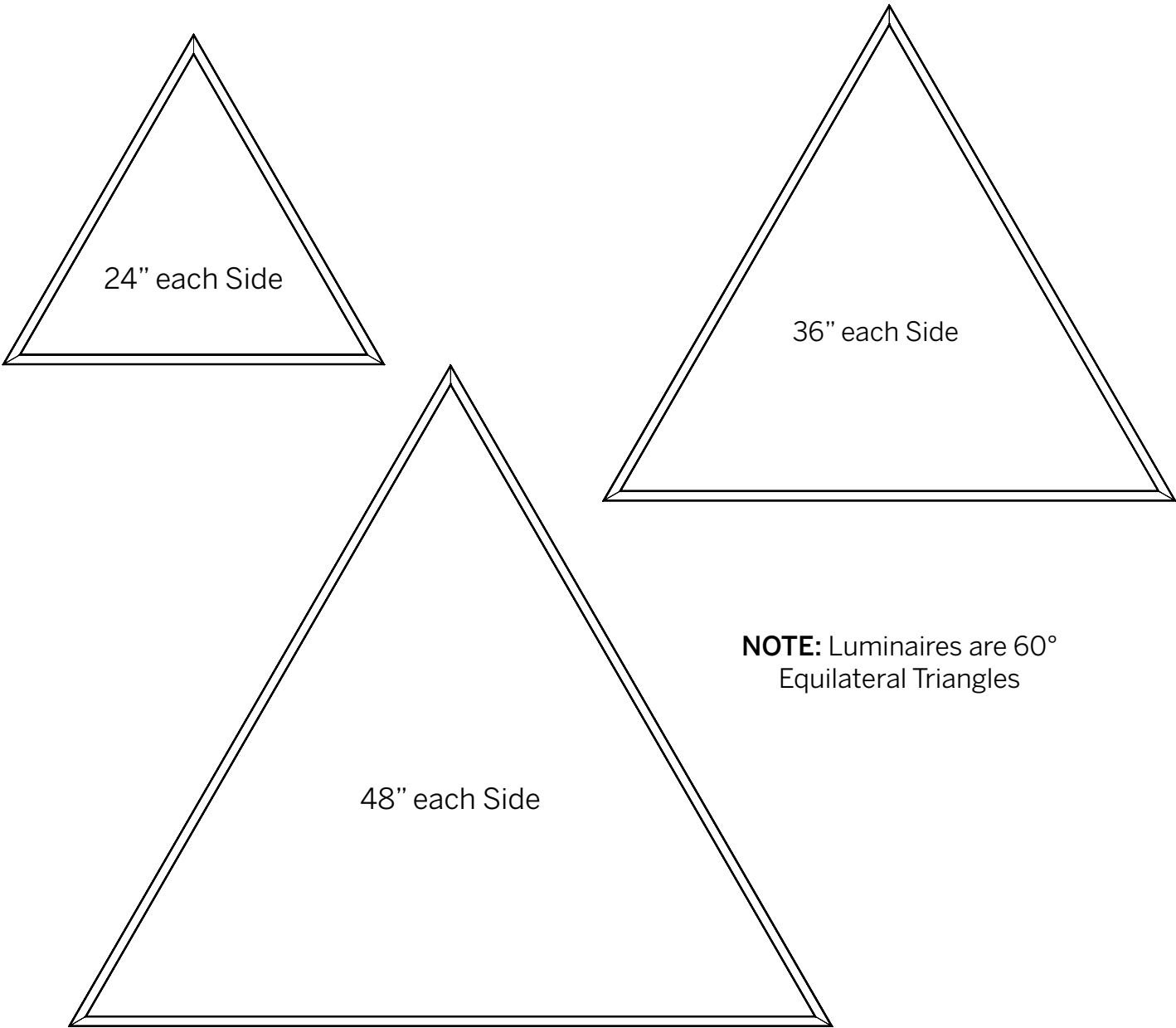
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Frame Triangle Sizes



NOTE: Luminaires are 60°
Equilateral Triangles

