

Installation Instructions

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



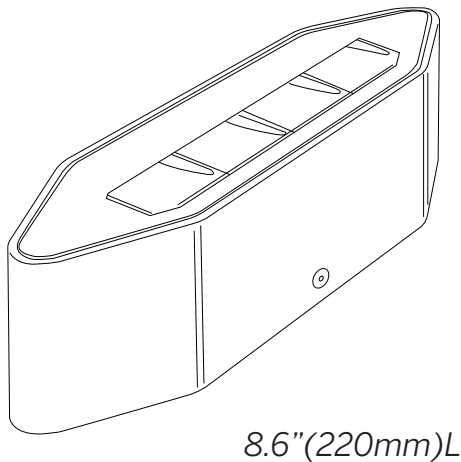
Never connect a live fixture!!!

To prevent electrical shock disconnect electrical supply before installation or servicing.

Never connect a fixture to a live driver!!!

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

Indoors/Outdoors
Surface/Recessed



8.6"(220mm)L

Step 2**A** Surface Installation (Ceiling or Floor) **Page 1**

Step 2**B** Recessed Uplight Installation in New Poured Concrete Ceiling **Page 4**

Step 2**C** Recessed Downlight Installation in Existing Concrete Ceiling **Page 8**

Step 2**D** Recessed Downlight Installation in New Poured Concrete Ceiling **Page 9**

Step 2**E** Recessed Downlight Installation in Existing Drywall Ceiling **Page 11**

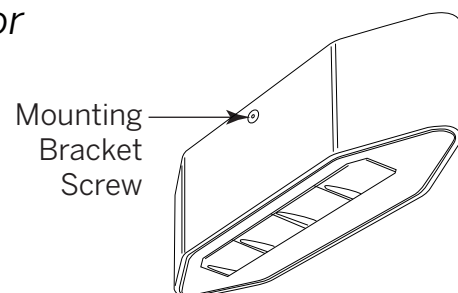
Full Size Template for Curved or Circular Layouts **Page 14**

Step 1 - **Open the Box**

Unpack Luminaire unit(s). The Skin Frosted Luminaires may be installed directly on a surface (Ceiling or Floor) using integral Stainless Steel Bracket or recessed using an ABS enclosure (purchased separately).

Step 2**A** - **Surface Installation** on Ceiling or Floor

- a** Loosen screws on either side of Fixture to release Mounting Bracket using 3mm Hex Key. Set screws aside.

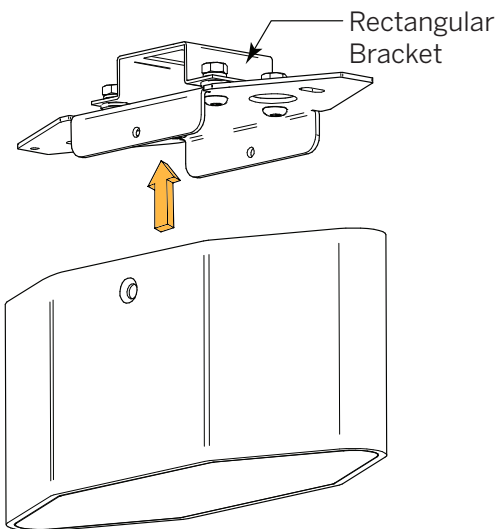


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Help?

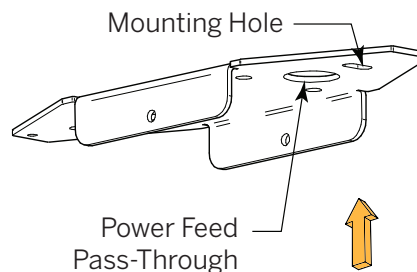
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Step 2A - *Surface Installation on Ceiling or Floor (continued)*

- b** Remove Mounting Bracket. Then remove Rectangular Bracket on bottom and all nuts, bolts, and washers.*

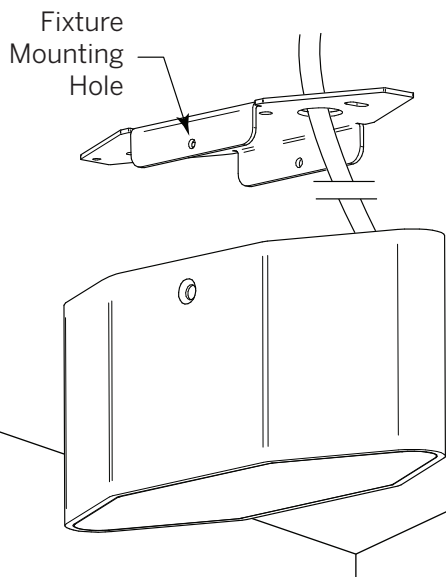


- c** Place Mounting Bracket on surface (Ceiling or Floor). Mark and drill for Power Feed Pass-Through to Remote Driver.

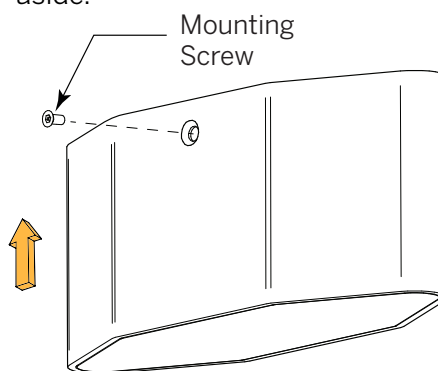


Fasten Bracket to surface using *supplied* screws and anchors.

- d** Extend Power Feed Cord and insert through one of the large holes in Bracket and drilled hole in Surface.



- d** Align Fixture Mounting Holes of Bracket and Luminaire. Insert and fasten together with Mounting Screws previously set aside.



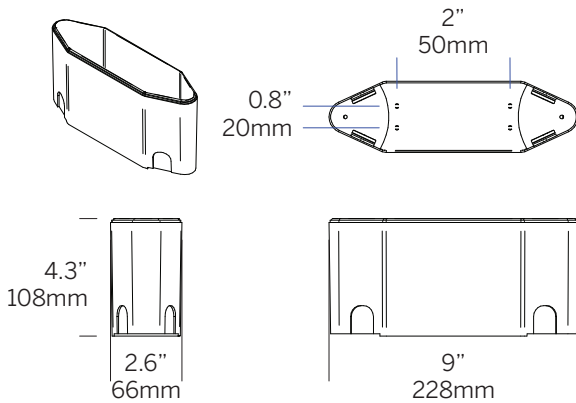
Need Help?

*Screws require 2.5mm Hex Key; Nuts require 7mm nut driver

Recessed Installations

The Skin fixtures may be recessed in ground or floor surfaces and ceilings. When recessed in a surface, the Skin Wall Washer employs the 83124* Enclosure. In a ceiling, either poured concrete or drywall (as described in Steps 2D and 2E) an aluminum bracket is added to the Enclosure, as 83126.**

83124



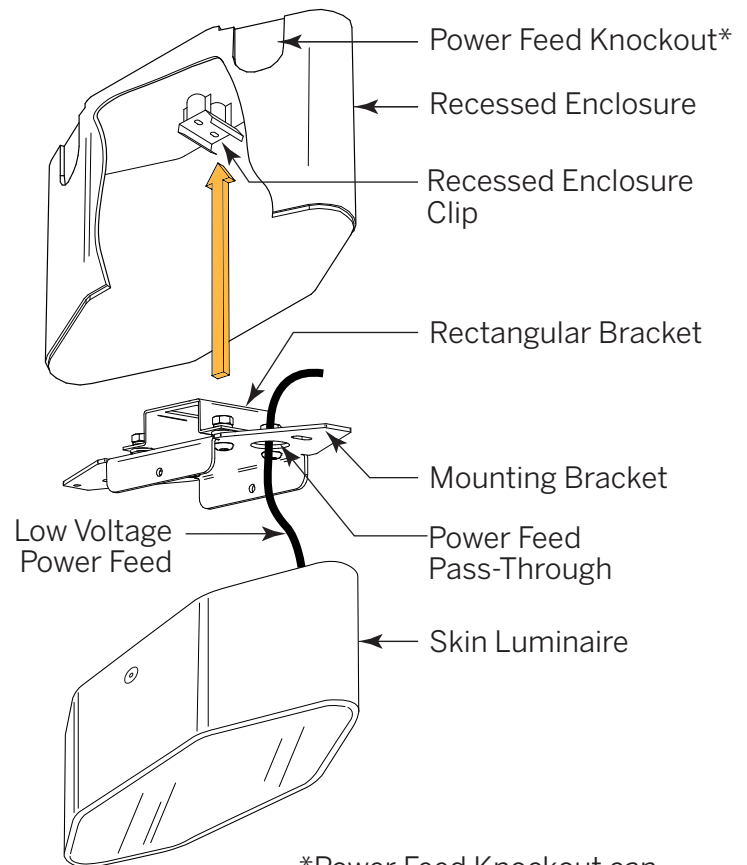
In the illustration at right, the Mounting Bracket on the back of the Luminaire is supplied with the Rectangular Bracket attached.

The Rectangular Bracket has a rectangular cutout which corresponds to the Clip inside the Recessed Enclosure.

When inserting the Luminaire into the Enclosure a "click" will be felt when the Luminaire is correctly seated.

*All Enclosures supplied with:
(2) Uninstall Keys
(1) Anti-Crush Brace

**Enclosure with Brackets adds:
(4) each, Mounting Screws & Anchors
(2) Spacers

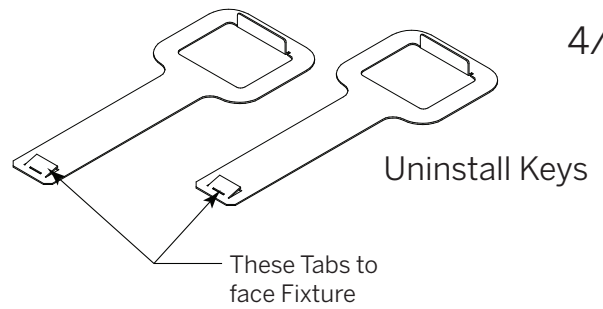


*Power Feed Knockout can accept Trade Size ½ flexible conduit, having an OD of 7/8".

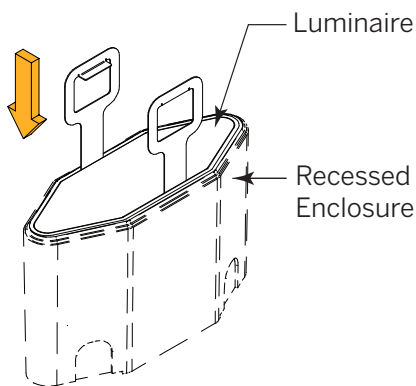
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Recessed Installations (continued)

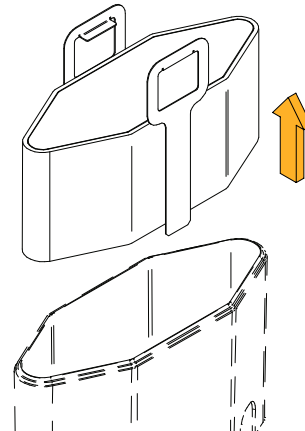
To Remove Luminaire from Recessed Installation



- a** Slide Keys down in between Luminaire and Enclosure, as shown below, until Tabs catch bottom of Luminaire.

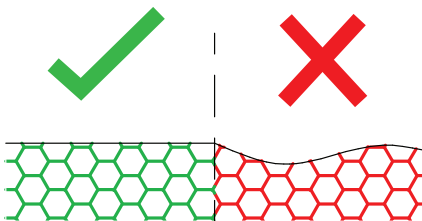


- b** Lift out Luminaire

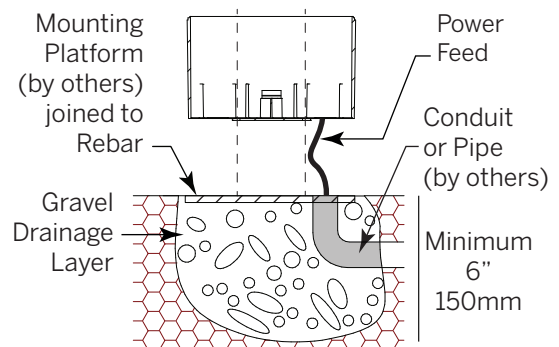


Step 2B - Recessed Uplight Installation in a New Poured Concrete Surface

- a** Select the appropriate Enclosure and fasten to flat surface.



- b** Cut out Power Feed Knockout(s). Pull incoming Power Feed into Enclosure. Secure Enclosure to Surface with at least 6" of gravel underneath for drainage. Screws/anchors by others.

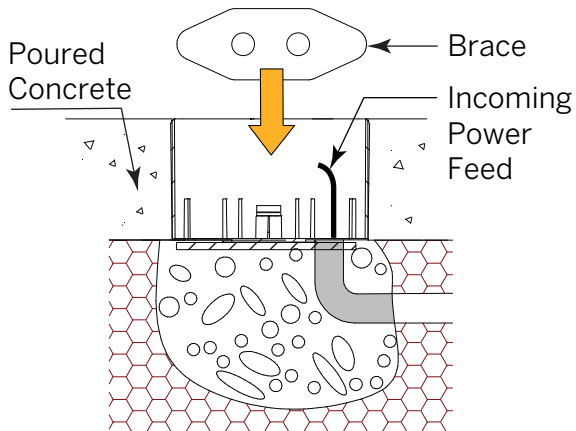


Need Help?

*Power Feed Knockout can accept Trade Size 1/2 flexible conduit, having an OD of 7/8".

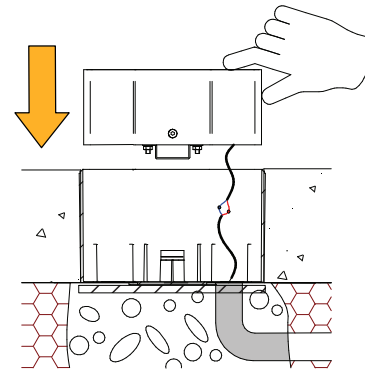
Step 2B - *Recessed Uplight Installation in a New Poured Concrete Surface*

- c** Place Anti-Crush Brace inside Enclosure to prevent Enclosure from deforming during pour. Pour Concrete.



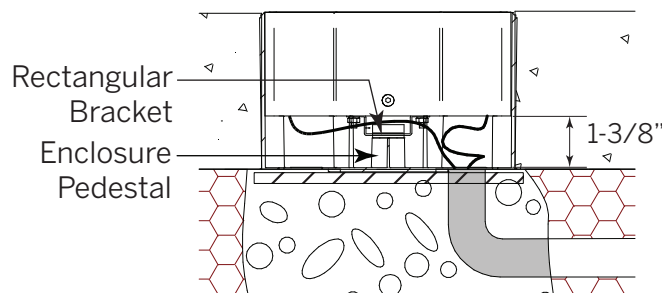
After curing, remove Brace and pull incoming Power Feed into

- d** Remove Mounting Bracket at bottom of Luminaire to access Power Feed Cable. See p. 2. Insert Cable through Pass-Through in Bracket and refasten.



Connect Power Feeds inside Enclosure and insert Luminaire.

- e** Seat Luminaire inside Enclosure until "click" is felt. Note that Rectangular Bracket sits directly on interior pedestal, leaving a 1-3/8" H space for wiring.



Need
Help?

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Step 2B - **Recessed Uplight Installation** in a New Poured Concrete Surface
(continued)

Modular Installation for Uplight Recessed Luminaires

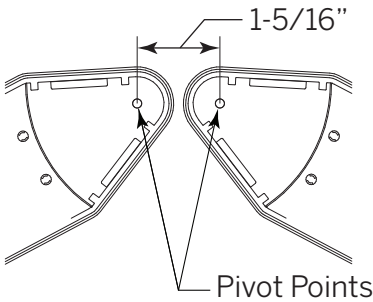
Multi Unit Circles and their Diameters*

Large Enclosures

#Units	Centerline Ø
7	19.3"
8	22.4"
9	25.4"
10	28.4"
11	31.4"
12	34.3"
13	37.3"
14	40.3"
15	43.2"
16	46.1"
17	49.1"
18	52.0"
19	55.0"
20	57.9"

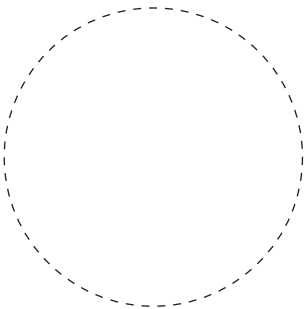
*Minimum # of Units/Circle:
7 Large; Contact Inter-lux for
diameters of circles larger than
20 units.

Charts are based on a 1-5/16"
spacing between pivot points.

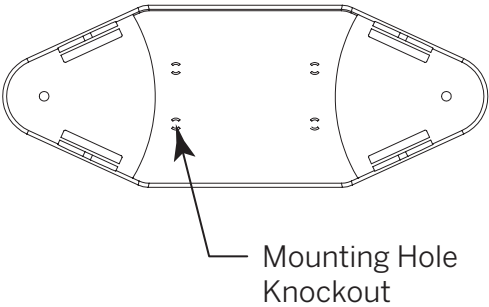


NOTE: Use full-size templates at end of this document to determine # of Units in circles having different unit spacings and in non-circular arcs.

- a** Draw circle or curve on surface that represents the centerline of the multi unit run.



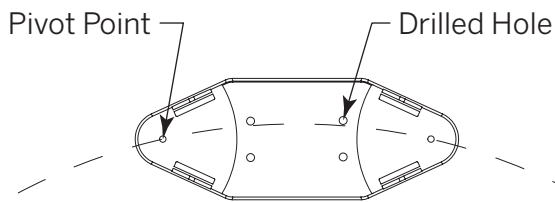
- b** Drill through each of the (4) Mounting Hole Knockouts on bottom of Enclosure.



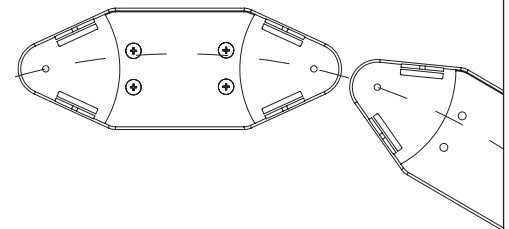
Step 2B - **Recessed Uplight Installation** in a New Poured Concrete Ceiling (continued)

Modular Installation for Uplight Recessed Luminaires

- c** Place Enclosure on circle such that both Pivot Points sit on centerline.



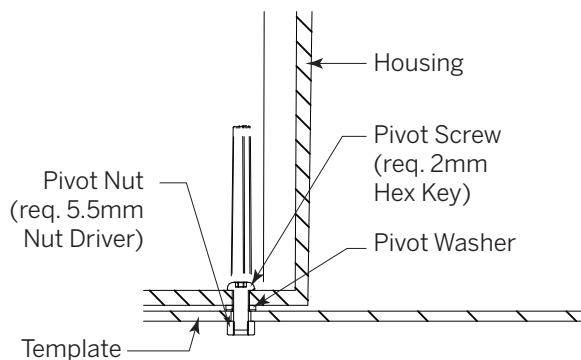
- d** Fasten Enclosure to surface (screws & anchors by others).



Drill out Mounting Hole Knockouts of second Enclosure. Place next Enclosure on centerline as in substep **c**. Repeat as necessary.

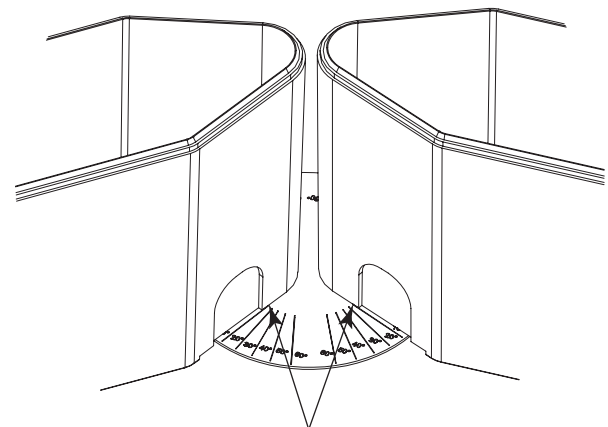
A supplied Angular Template may be used to layout multiple units in a curved run. Use supplied Pivot Hardware to maintain a uniform spacing of Enclosures.

- a** Fasten Recessed Enclosure to Template as shown below:



Detail View of Interior of Enclosure with Supplied Pivot Hardware

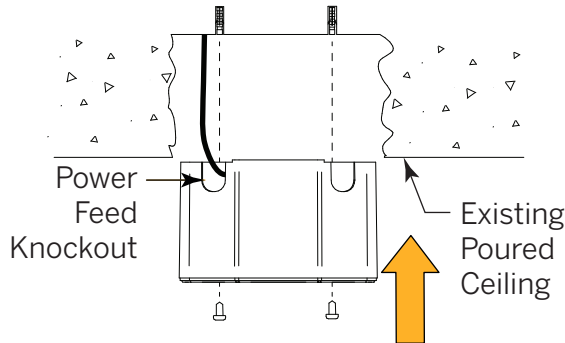
- b** Align bottom edges of Enclosure with angle marks on Template.



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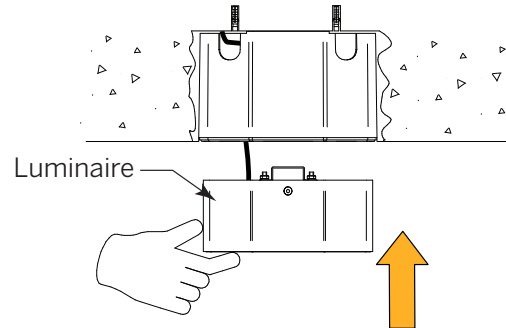
Step 2C - *Recessed Downlight Installation in an Existing Concrete Ceiling*

- a** Cut an appropriately sized opening and fasten Enclosure inside using screws and anchors (by others).



Pull Incoming Power Feed Cable into Enclosure through Power Feed Knock out.*

- b** Remove Mounting Bracket at bottom of Luminaire to access Power Feed Cable. See p. 2. Insert Cable through Pass-Through in Bracket and refasten.



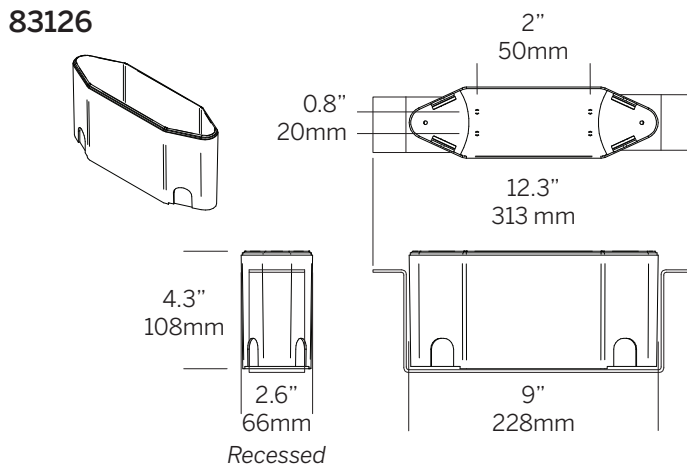
Fill surrounding gaps with caulk. When dry, connect power feeds and insert Luminaire. When a "click" is felt, the fixture is seated correctly.

*Power Feed Knockout can accept Trade Size 1/2 flexible conduit, having an OD of 7/8".

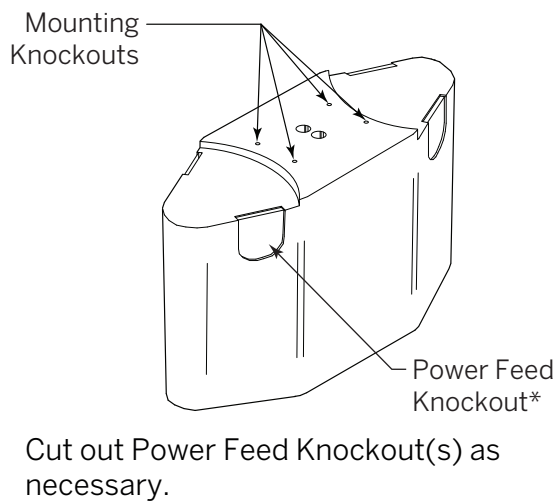
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Step 2D - *Recessed Downlight Installation in a New Poured Concrete Ceiling*

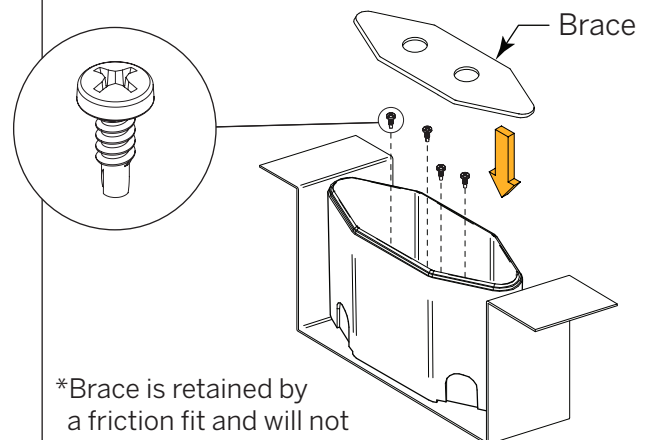


- a** Drill clearance holes through Mounting Knockouts on bottom of Enclosure.



*Power Feed Knockout can accept Trade Size 1/2 flexible conduit, having an OD of 7/8".

- b** Fasten Luminaire Enclosure to Bracket with (4) Pan Head Self-Drilling Screws (supplied). Insert Anti-Crush Brace.*



Need Help?

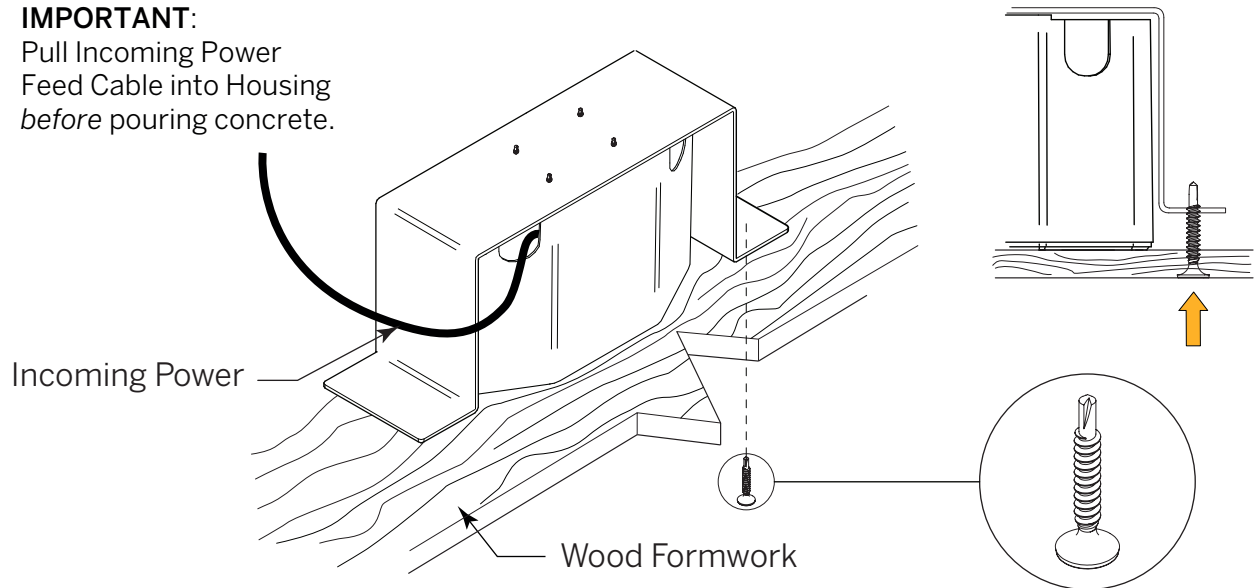
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Step 2D - **Recessed Downlight Installation** in a New Poured Concrete Ceiling (continued)

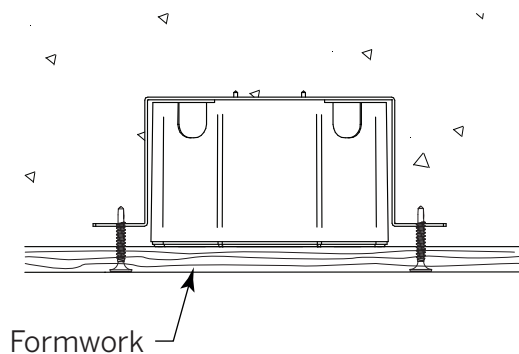
- c** Hold Bracket and Enclosure Assembly against Formwork. Do not cut hole for fixture. Note that only the Enclosure is in contact with Formwork surface. Screw in (4) Self-Drilling Flat-Head Screws (supplied) - (2) per Tab - through bottom of Formwork and into Tab.

IMPORTANT:

Pull Incoming Power
Feed Cable into Housing
before pouring concrete.

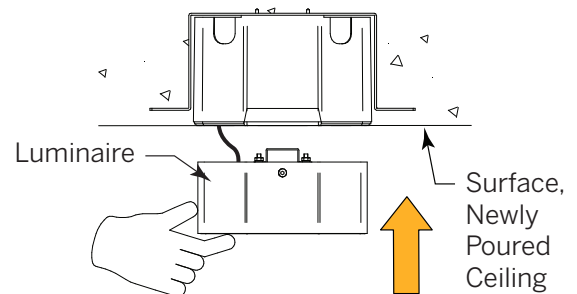


- d** Pour the Concrete



After curing, remove Screws and Formwork. Remove Brace.

- e** Remove Mounting Bracket at bottom of Luminaire to access Power Feed Cable. See p. 2. Insert Cable through Pass-Through in Bracket and refasten.

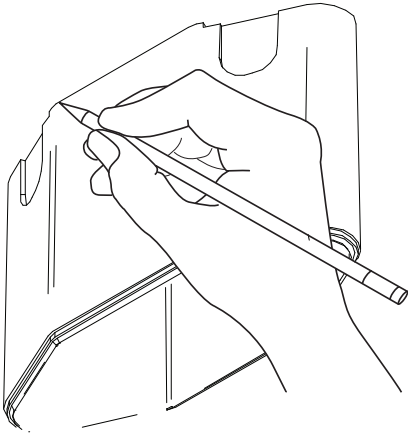


Connect Power Feeds inside Enclosure and insert Luminaire. When a "click" is felt, the fixture is seated correctly.

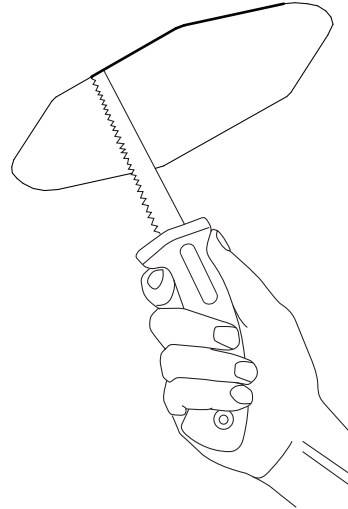
Need
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Step 2E - *Recessed Downlight Installation into Drywall Ceiling*

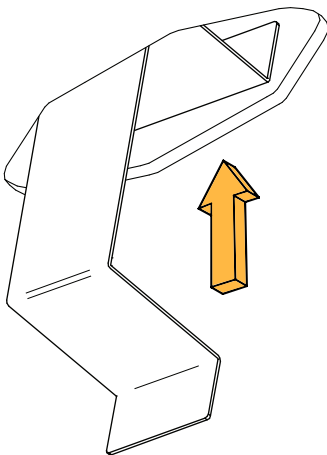
- a** Trace around Enclosure at desired location.



- b** Cut out ceiling along tracing line.

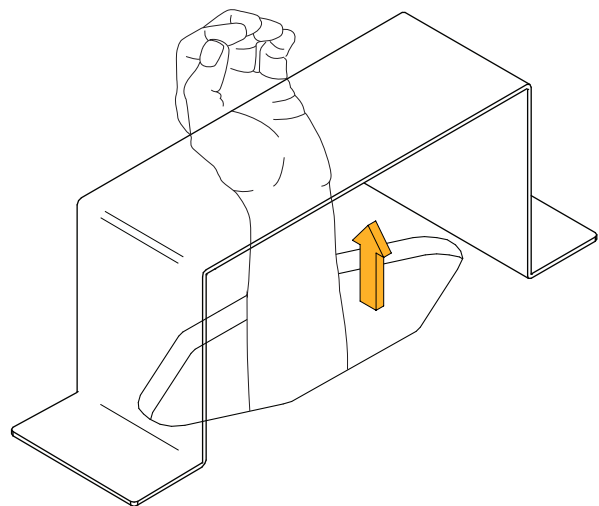


- c** Insert Enclosure Bracket through cut hole.



It will be necessary to maneuver Bracket in and around to place it inside ceiling.

- d** With Bracket situated over hole, curl fingers over top of Bracket to hold it in place.

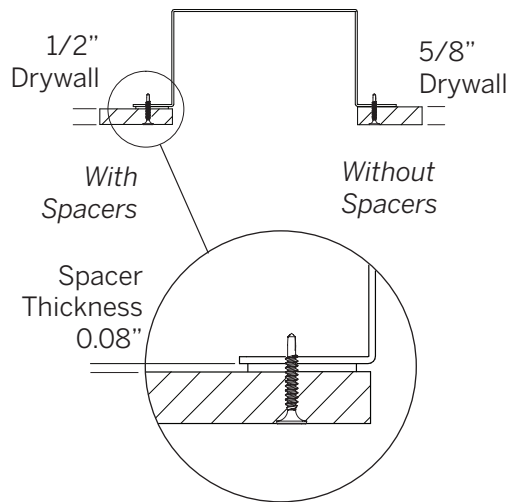


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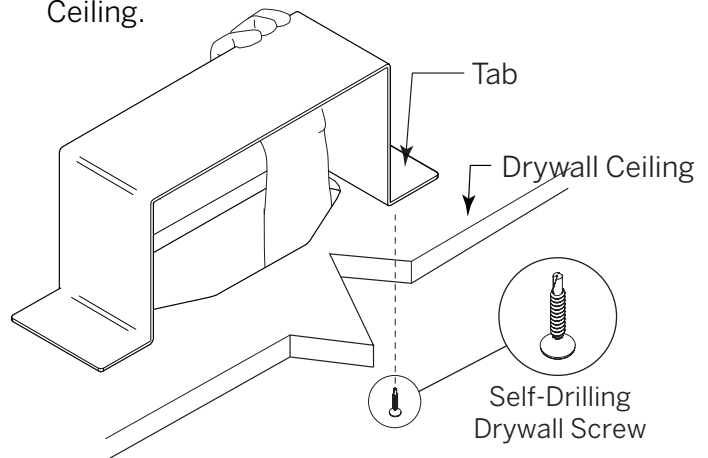
Step 2E - **Recessed Downlight Installation** into Drywall Ceiling (continued)

- e** Supplied Spacers to be used on 1/2" Drywall...



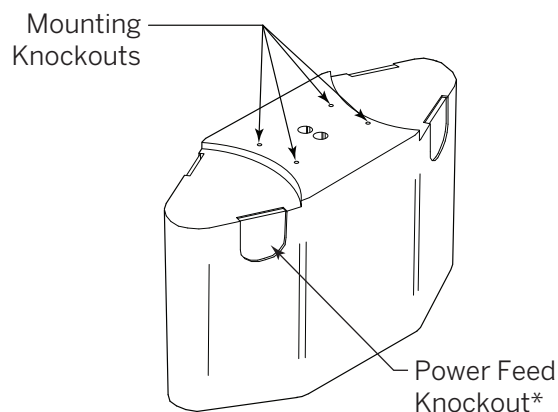
...but are not needed on 5/8" Drywall.

- f** Hold Bracket as close as possible to end being fastened and compress against inside of Drywall Ceiling.



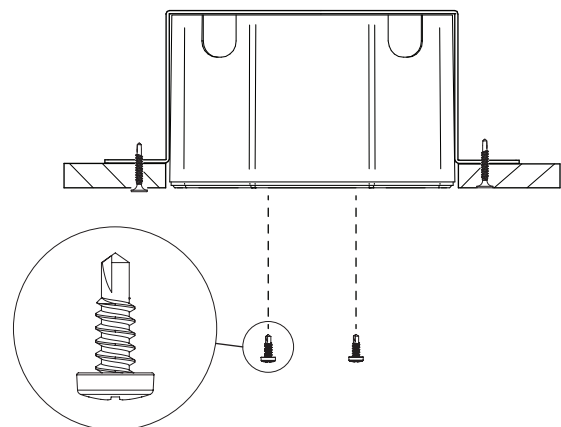
Drive supplied self-drilling screws (flat-head) up through ceiling, and fasten (2) screws into each Tab of Housing Bracket.

- g** Drill clearance holes through Mounting Knockouts on bottom of Enclosure.



Cut out Power Feed Knockout(s) as necessary.

- h** Mount Luminaire Enclosure to Bracket using (4) supplied mounting screws.

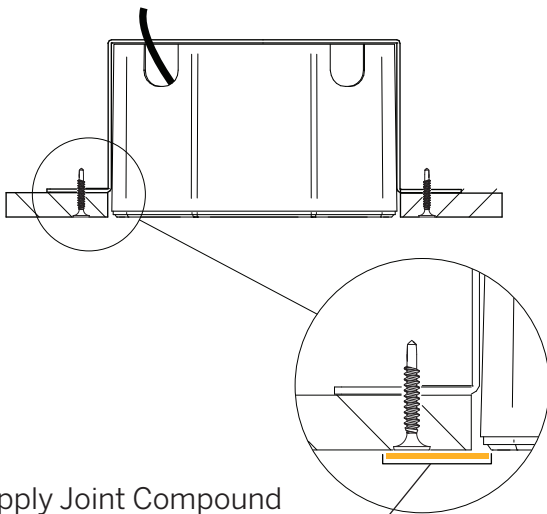


*Power Feed Knockout can accept Trade Size 1/2 flexible conduit, having an OD of 7/8".

Need Help?

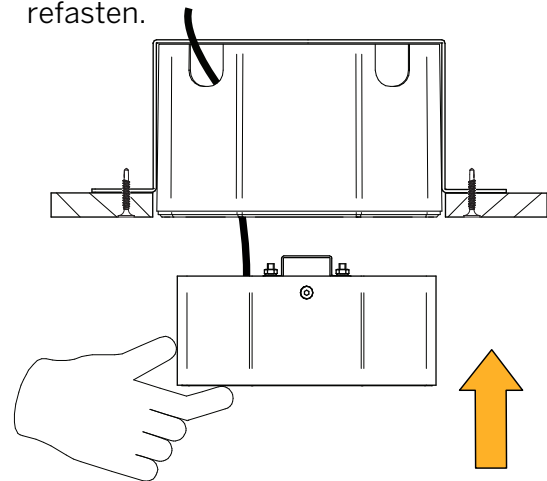
Step 2E - **Recessed Downlight Installation** into Drywall Ceiling (continued)

- i** Pull Power Feed into Enclosure.



Apply Joint Compound in this area. Do not exceed edge of Enclosure.

- j** Remove bracket at bottom of Luminaire to access Power Feed Cable. See Step 2A. Insert Cable through hole in bracket and refasten.



Make electrical connections. Insert Luminaire into Enclosure. When "click" is felt, Luminaire is seated. *Energize!*

Need
Help?

Skin Wall Washer

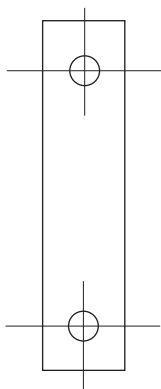
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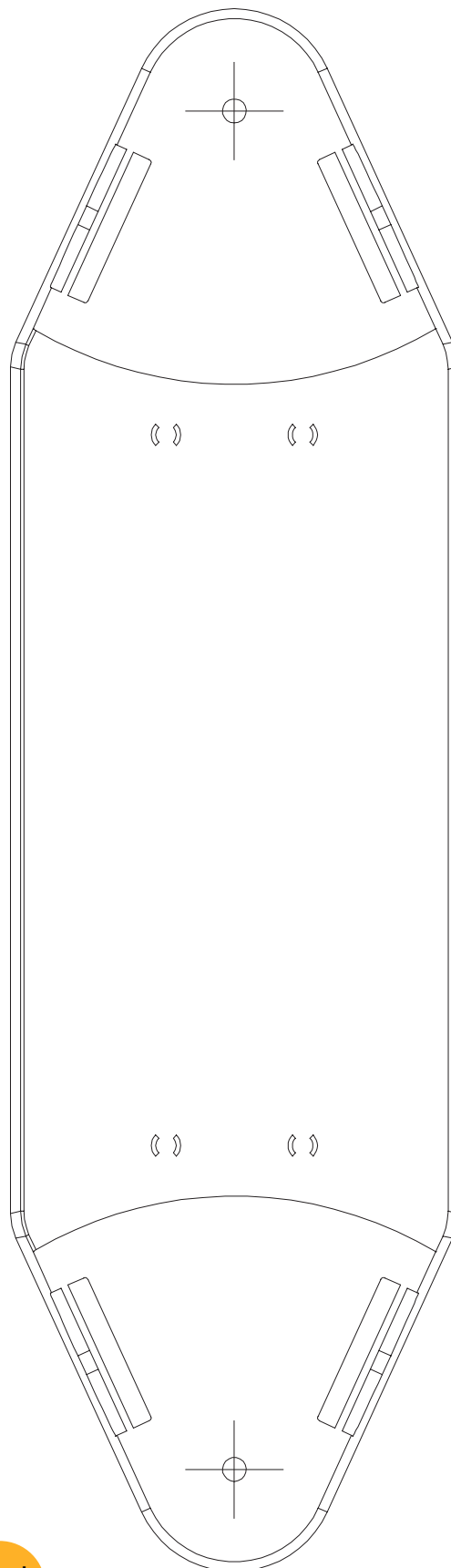
Large Enclosure
Full Size Template

(Bottom View)



Full Size Template
of 1-5/16" Spacing
between Pivot Points

Use with Enclosure
Templates and a Pair of Dividers
or Clips to arrange a
consistent layout



Need
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