

Mini Edgeless Cove Soft Corner 180°

WG-MEC

Cove

Recessed Plaster Trim

CC180: 15" x 28", 28" x 51", 40" x 72"

CR180: 18" x 32", 32" x 56", 44" x 78"

Installation Instructions

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!!!

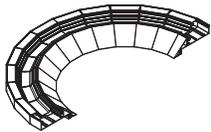
Contractor is responsible for adequately reinforcing walls and/or ceilings to support fixture weight. Provide blocking when necessary.

Step 1 - *Open the Box*

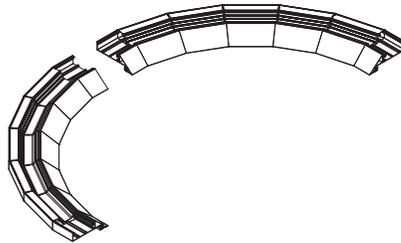
Unpack luminaire units. Each unit consist of **two** major parts: Housing, and Mounted/Pre-Wired Gear Tray with Lens. Remote Drivers and Driver Boxes supplied by Inter-lux.

Standard Soft Corners come in two patterns (Coffer & Raft) and each in three sizes. They combine with standard Mini Edgeless Cove straight units to form racetrack ovals:

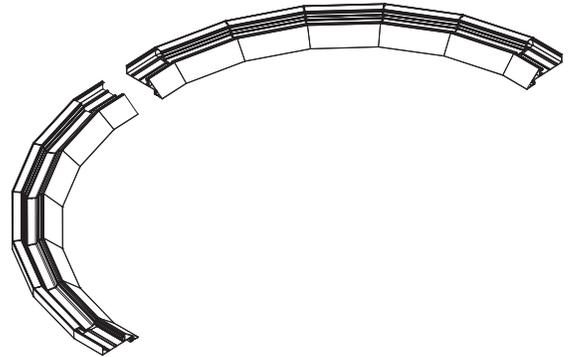
CC180 Corner Coffer 180° (Inside Corner)



CC180-1528*



CC180-2851

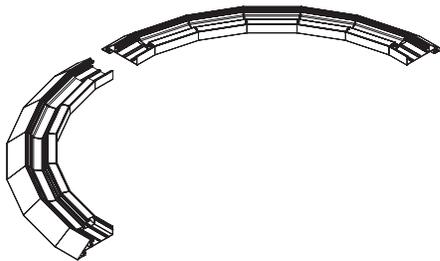


CC180-4072

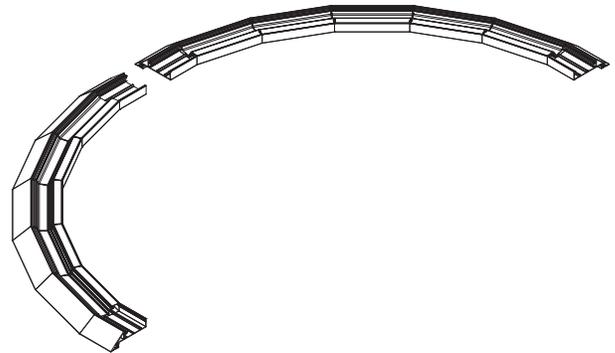
CR180 Corner Raft 180° (Outside Corner)



CR180-1832*



CR180-3256



CR180-4478

*CC180-1528 and CR180-1832 are supplied as (2) **semicircular** units and assembled on site.

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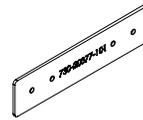
Recessed Plaster Trim
CC180: 15" x 28", 28" x 51", 40" x 72"
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Step 1 - **Open the Box** (continued)

These sizes have been determined based on utilizing full lengths of LED boards in each of the (7) segments that comprise each Corner or (13) segments that comprise each Semi-circle. Check with factory if specifying non-standard dimensions, as there may be a risk of inconsistent illumination.

Each Straight and Corner Unit supplied with:

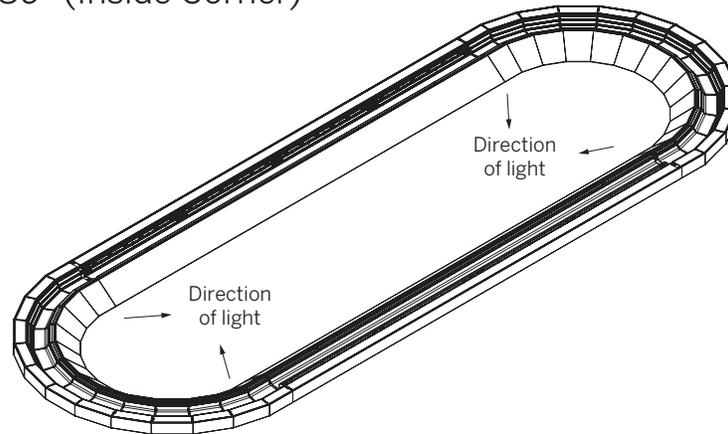


(1) Wide Joiner with Set Screws

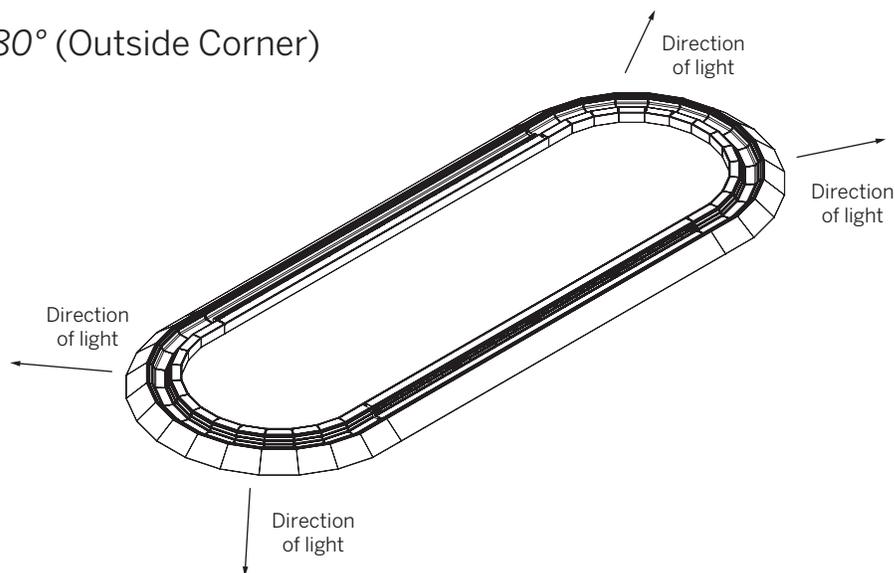


(1) Plaster Flange Joiner with Set Screws

CC180 Corner Coffer 180° (Inside Corner)



CR180 Corner Raft 180° (Outside Corner)



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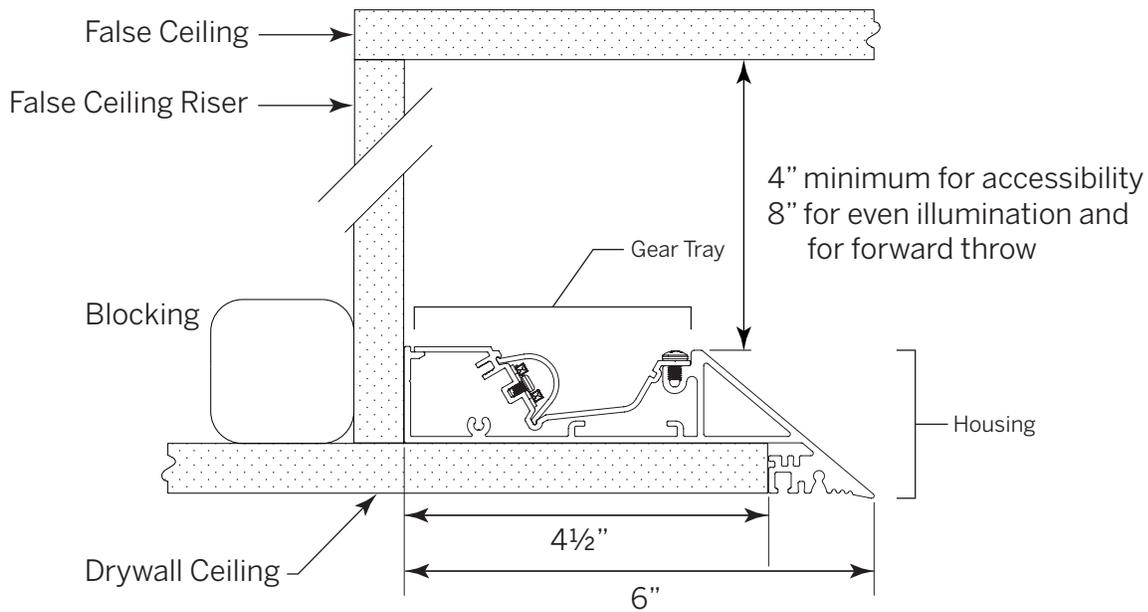
Cove

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Step 2 - Installation Prep

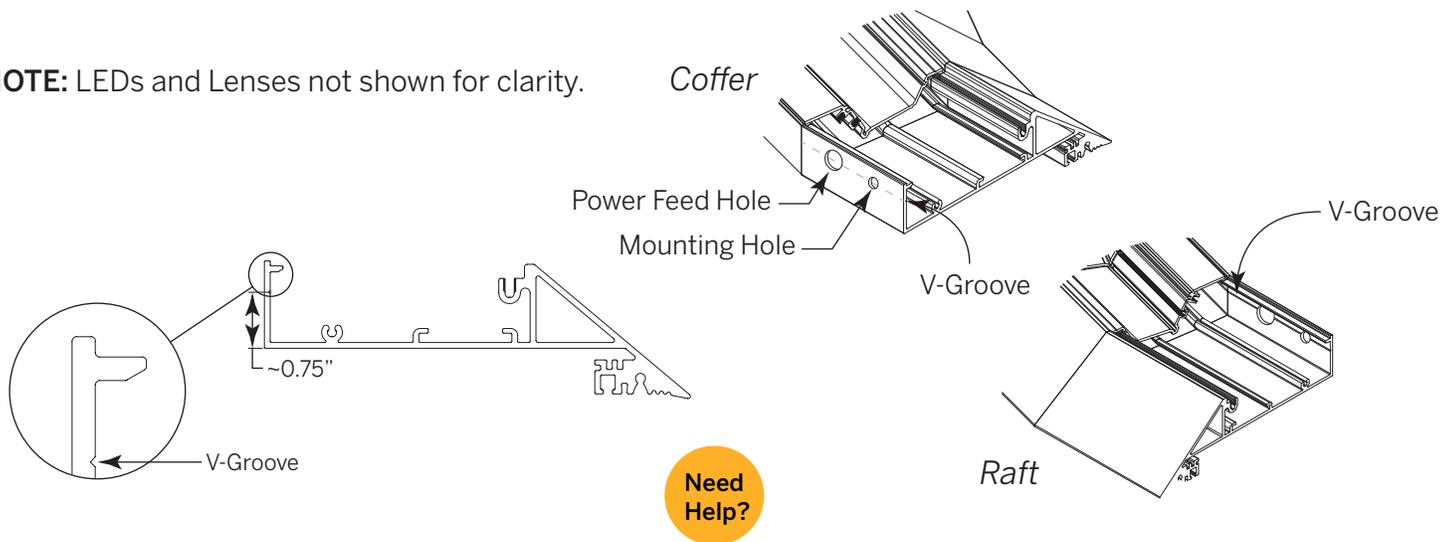
As with the straight section Mini Edgeless Cove, the Soft Corners are fastened to the Riser of a False Ceiling. Construct False Ceiling as shown below.



Step 3 - Housing Prep - Coffe & Raft, and Straight Housings

- Drill Mounting Holes in Housing Ends on V-Groove (inside Housing) or approximately 0.75" from bottom (outside Housing) as shown above.
- Drill Hole for Power Feed(s), if necessary. Smaller arrangements may have two or more units that can run on a single driver; Larger arrangements may requires a separate driver for each unit.

NOTE: LEDs and Lenses not shown for clarity.



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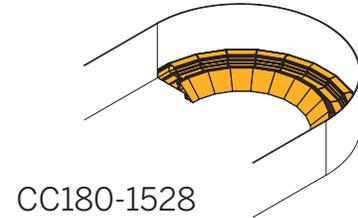
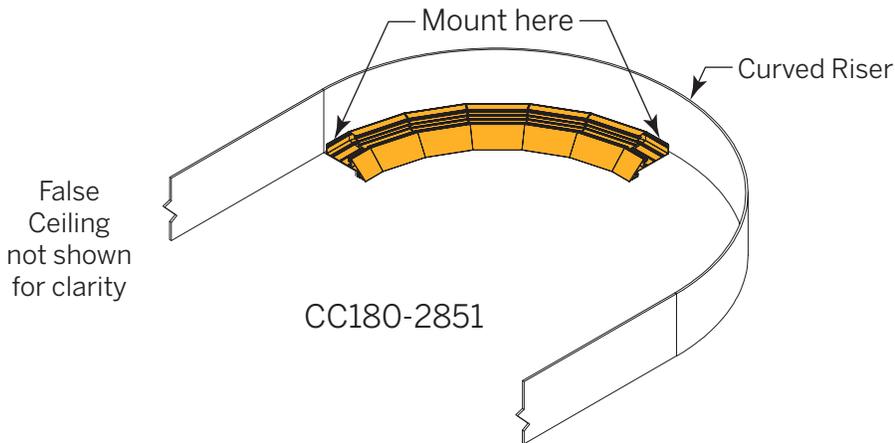
Cove

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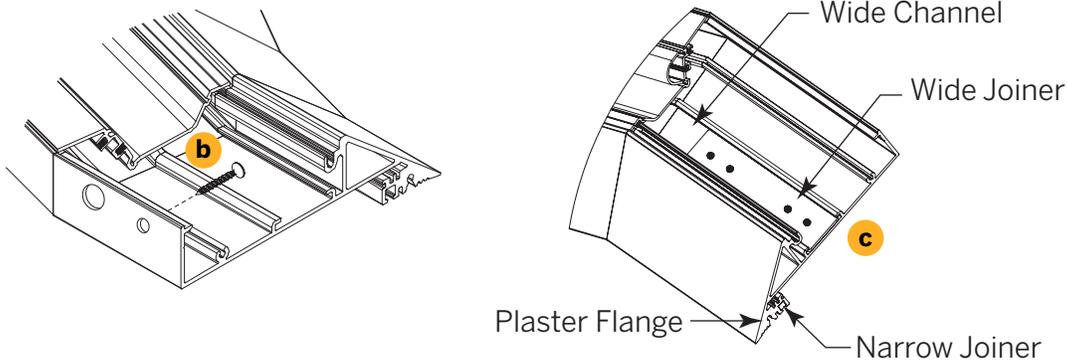
Step 4 - *Install First Quarter Soft Corner - Coffe*

- a** Position the **first** Quarter-Circle* onto the Curved Riser.



*CC180-1528 installs as a single semicircular unit. Continue below and Skip to **Step 6**.

- b** Level and Fasten Housing to Blocking outside Riser. Screws and Anchors supplied by others.
- c** Insert Wide Joiner completely into wide channel at interior bottom of Corner Housing. Set screws face upwards. **Do not** tighten yet.



- d** Insert Narrow Joiner completely into square channel inside Plaster Flange of the Quarter-Circle Housing. Set screws face downward. **Do not** tighten yet.

NOTE: LEDs and Lenses not shown for clarity

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Soft Corner 180°

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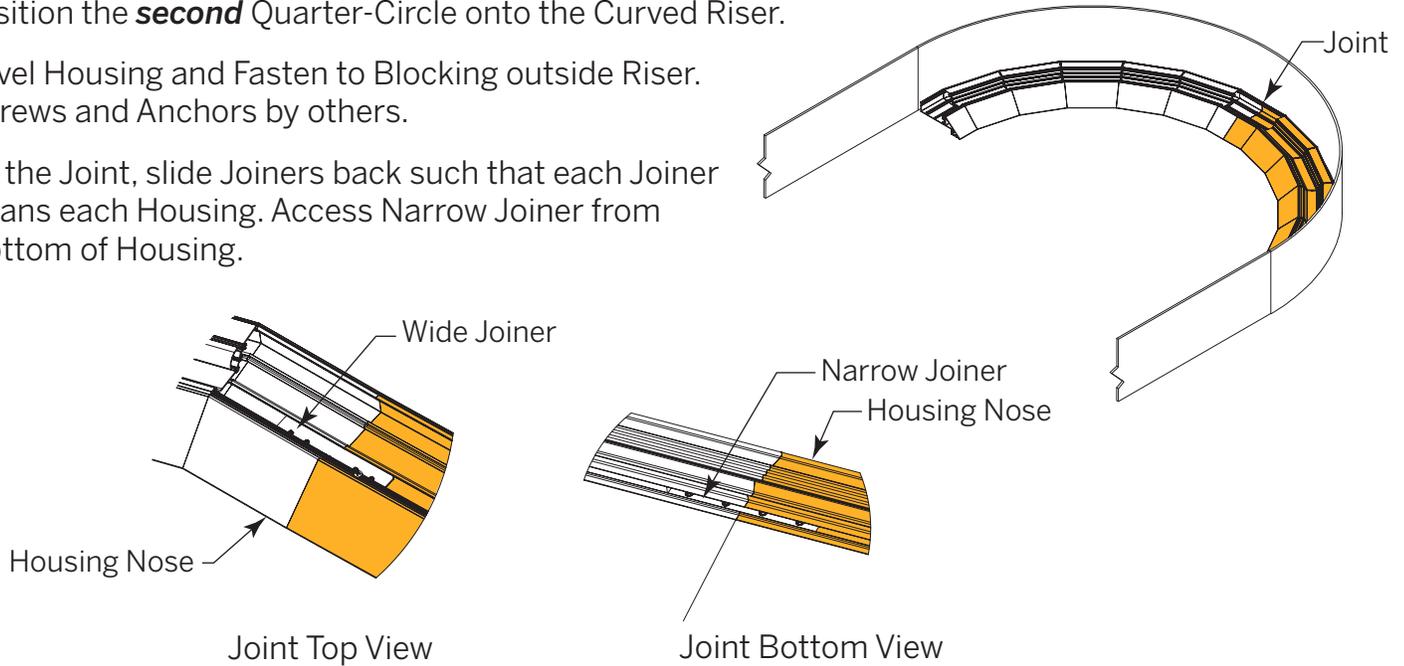
Cove

Recessed Plaster Trim
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Step 5 - *Install Second Quarter Soft Corner - Coffe*

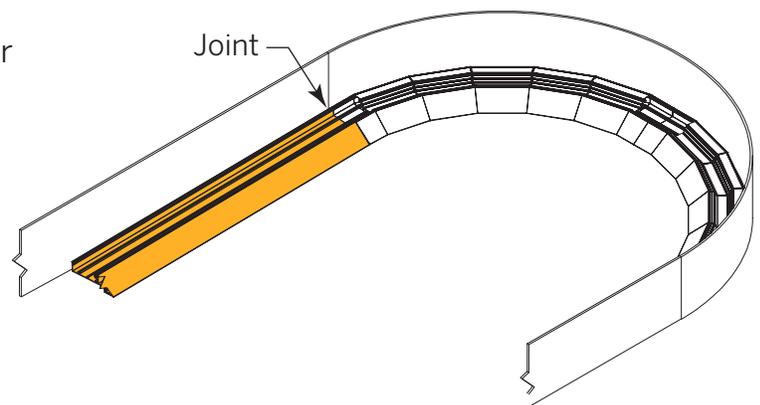
- a** Position the **second** Quarter-Circle onto the Curved Riser.
- b** Level Housing and Fasten to Blocking outside Riser. Screws and Anchors by others.
- c** At the Joint, slide Joiners back such that each Joiner spans each Housing. Access Narrow Joiner from bottom of Housing.



Now tighten Set Screws on Wide and Narrow Joiners. Do not overtighten. Overtightening risks deforming Housing surface.

Step 6 - *Install First Straight Housings - Coffe*

- a** Position the **First** Straight Housing onto the Straight Riser.
- b** Butt Straight Housing Unit up against Soft Corner Housing.
- c** Level Housing and Fasten Housing to Blocking outside Riser. Screws and Anchors by others.
- d** As in **Step 5**, slide Joiners back such that each Joiner spans each Housing. Access Narrow Joiner from bottom of Housing.



Now tighten all Set Screws. Do not overtighten. Overtightening risks deforming Housing surface.

- e** Repeat **Steps 4 to 6** for remaining housings in arrangement.

Need Help?

Mini Edgeless Cove Soft Corner 180°

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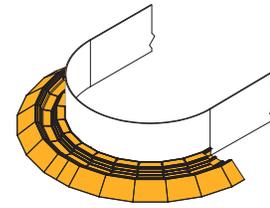
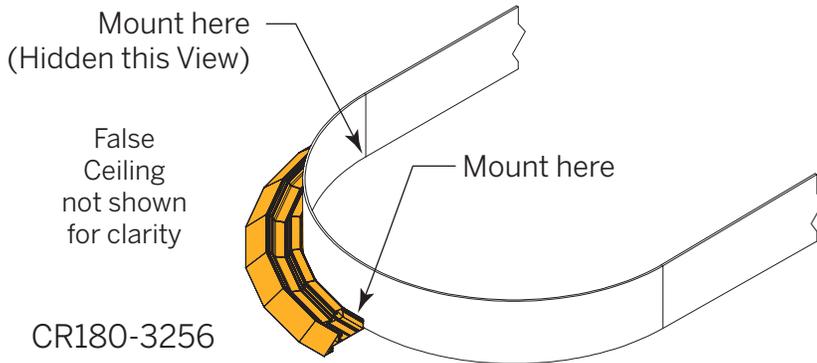
Cove

Recessed Plaster Trim
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Step 7 - *Install First Quarter Soft Corner - Raft*

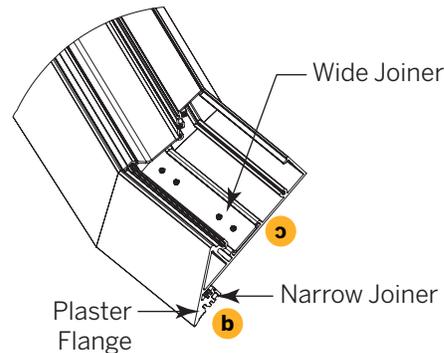
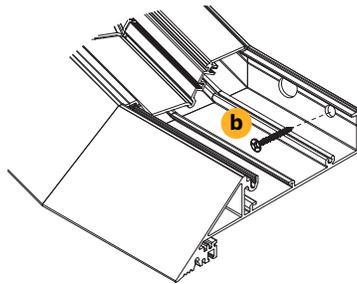
- a** Position the **first** Quarter-Circle* onto the Curved Riser.



CR180-1832

*CR180-1832 installs as a single semicircular unit. Continue below and Skip to **Step 9**.

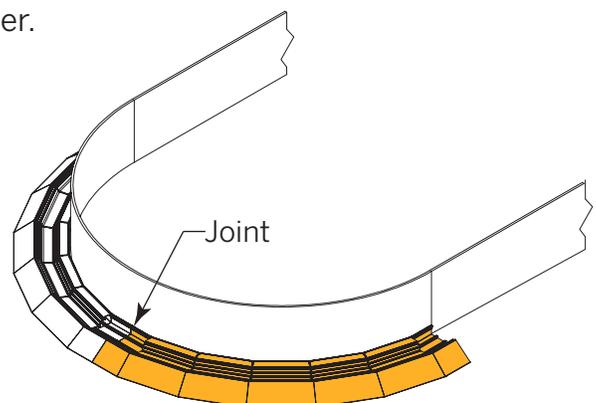
- b** Level and Fasten Housing to Blocking outside Riser. Screws and Anchors supplied by others.
- c** Insert Wide Joiner completely into wide channel at interior bottom of Corner Housing. Set screws face upwards. **Do not** tighten yet.



- d** Insert Narrow Joiner completely into square channel inside Plaster Flange of the Quarter-Circle Housing. Set screws face downward. **Do not** tighten yet.

Step 8 - *Install Second Quarter Soft Corner - Raft*

- a** Position the **second** Quarter-Circle onto the Curved Riser.
- b** Level Housing and Fasten to Blocking outside Riser. Screws and Anchors by others.
- c** At the Joint, slide Joiners back such that each Joiner spans each Housing. Access Narrow Joiner from bottom of Housing.



NOTE: LEDs and Lenses not shown for clarity

Need Help?

Mini Edgeless Cove Soft Corner 180°

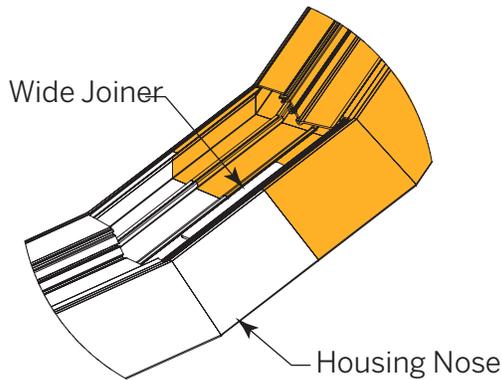
WG-MEC

Cove

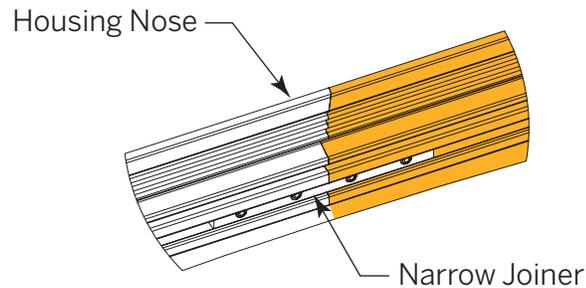
Recessed Plaster Trim
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Step 8 - *Install Second Quarter Soft Circle - Raft* (continued)



Joint Top View

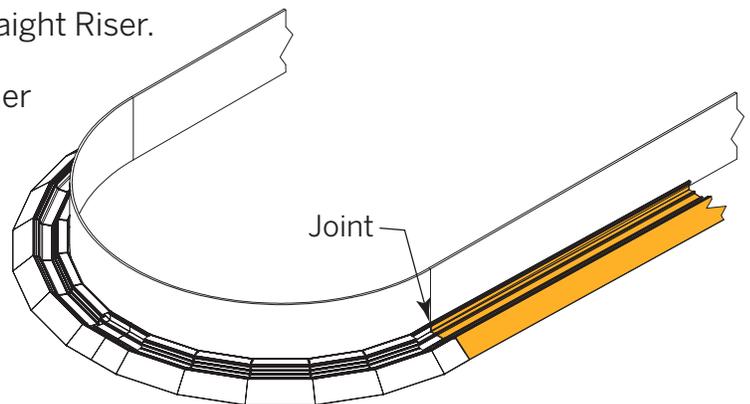


Joint Bottom View

Now tighten Set Screws on Wide and Narrow Joiners. Do not overtighten. Overtightening risks deforming Housing surface.

Step 9 - *Install First Straight Housings - Raft*

- a** Position the **First** Straight Housing onto the Straight Riser.
- b** Butt Straight Housing Unit up against Soft Corner Housing.
- c** Level Housing and Fasten Housing to Blocking outside Riser. Screws and Anchors by others.
- d** As in **Step 5**, slide Joiners back such that each Joiner spans each Housing. Access Narrow Joiner from bottom of Housing.



Now tighten all Set Screws. Do not overtighten. Overtightening risks deforming Housing surface.

- e** Repeat **Steps 7 to 9** for remaining housings in arrangement.

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Soft Corner 180°

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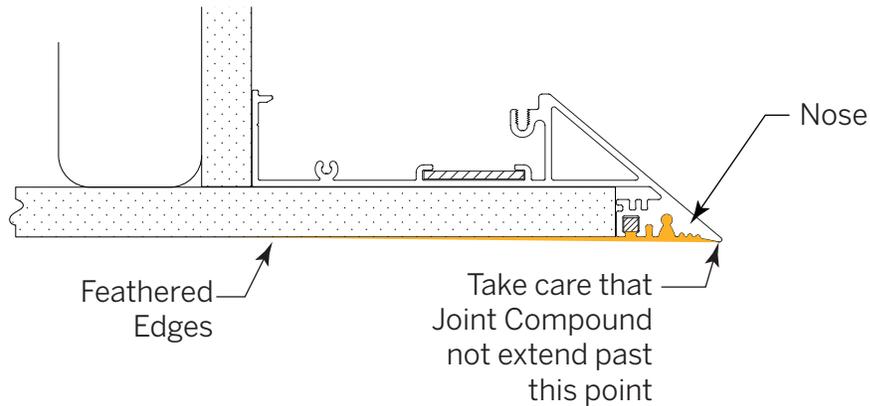
Cove

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Step 10 - *Apply Joint Compound*

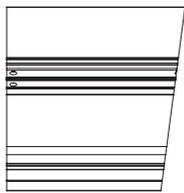
Apply Joint Compound all around the trim taking care to apply it flush with the Nose of the Housing.



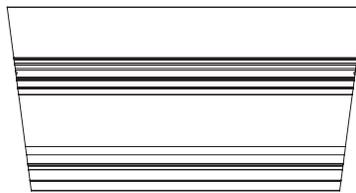
Step 11 - *Install Loose Gear Trays & Wire - Coffer*

- a** Locate the (6) Loose Gear Trays for the (2) semi-circles. These Gear Trays have three patterns:

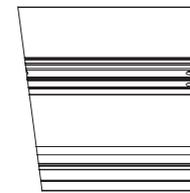
Coffer



Left-Hand Facing



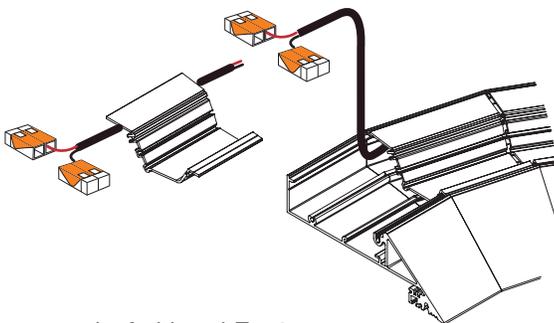
Center



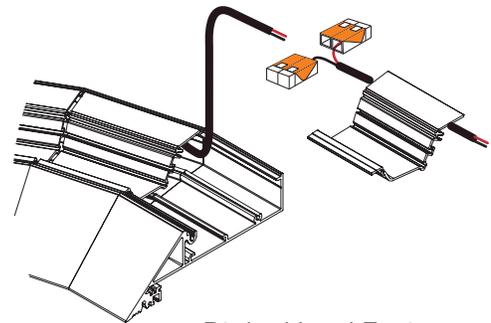
Right-Hand Facing

- b** Begin with the Right- and Left-Hand Facing Gear Trays. Connect bare leads of Gear Tray wiring to Wago™ connectors on adjacent Gear Trays.
- c** Fasten Gear Trays to Housing with supplied screws.
- d** Repeat substeps **b** and **c** for Center Gear Tray.

NOTE: Excess Cable between Gear Trays for illustration only.



Left-Hand Facing



Right-Hand Facing



Mini Edgeless Cove Soft Corner 180°

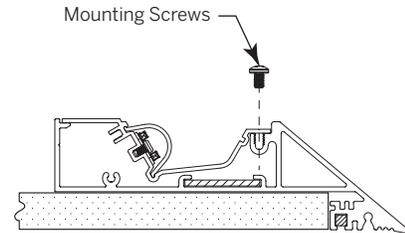
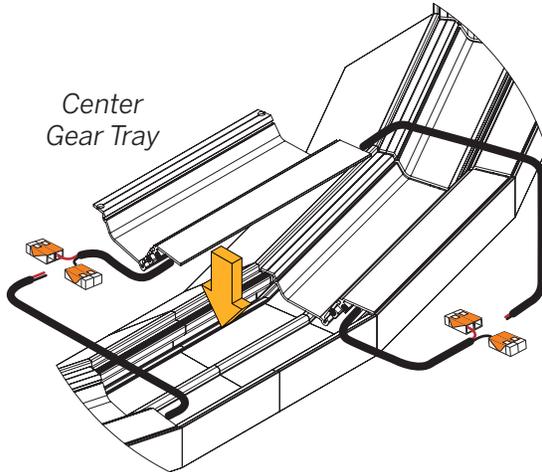
WG-MEC

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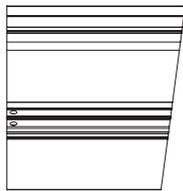
Step 11 - *Install Loose Gear Trays & Wire - Coffer* (continued)



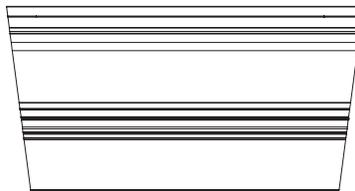
Step 12 - *Install Loose Gear Trays & Wire - Raft*

- a** Locate the (6) Loose Gear Trays for the (2) semi-circles. These Gear Trays have three patterns:

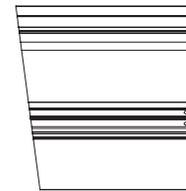
Raft



Left-Hand Facing



Center



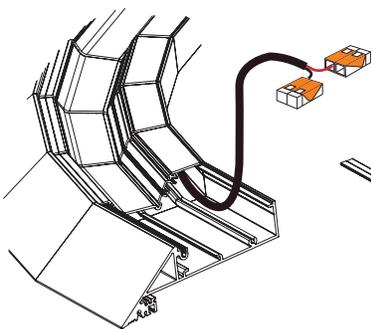
Right-Hand Facing

- b** Begin with the Right and Left Hand Facing Gear Trays. Connect bare leads to adjacent Wago™ connectors.

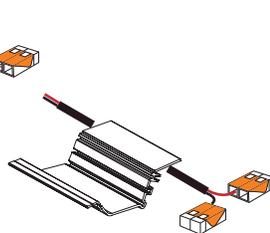
- c** Fasten Gear Trays to Housing with supplied screws.

- d** Repeat substeps **b** and **c** for Center Gear Tray.

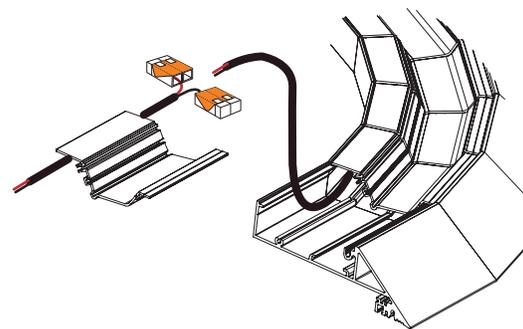
NOTE: Excess Cable between Gear Trays for illustration only.



Left Hand-Facing



Need Help?



Right-Hand Facing

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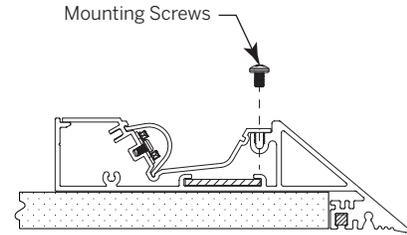
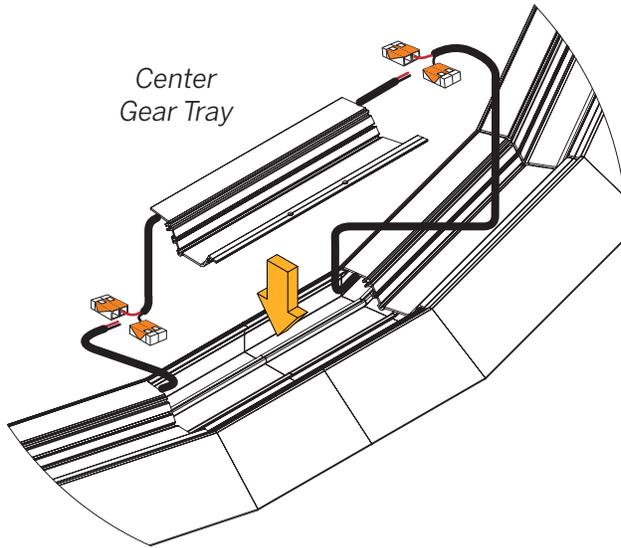
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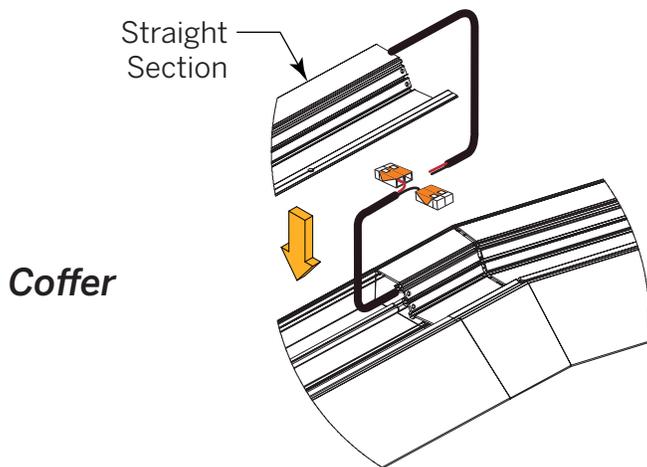
Step 12 - *Install Loose Gear Trays & Wire - Raft* (continued)



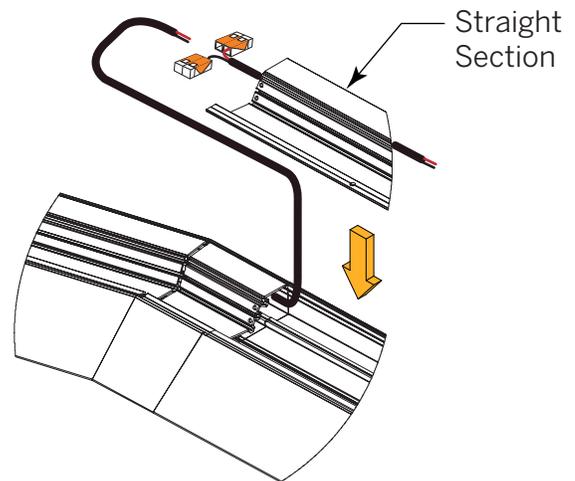
Step 13 - *Install Gear Trays & Wiring - Straight Sections*

- a** Locate the (2) Straight Gear Trays for the Straight Housings. Lower Straight Gear Tray into Housing and fasten with supplied screws.
- b** Connect bare leads to adjacent Wago™ connectors.
- c** Repeat for remaining Straight Gear Tray.
- d** Energize!

NOTE: Excess Cable between Gear Trays for illustration only.



Left-Hand Facing



Right-Hand Facing



Mini Edgeless Cove Soft Corner 180°

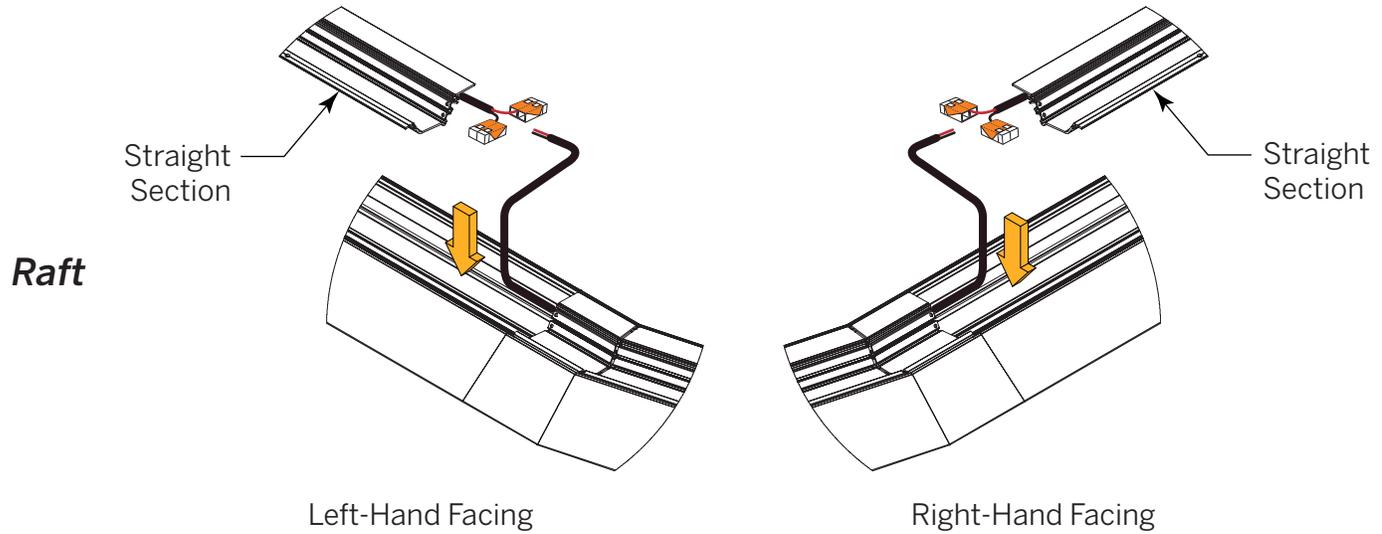
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11/11

Step 13 - *Install Gear Trays & Wiring - Straight Sections (continued)*



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