



KNIFE EDGE COVE

Architectural Cove System

Installation Instructions |

Intended use: General field guidance for layout, mounting, joining, finishing, and fixture fitting. Job drawings and installer judgment govern final placement and fastener selection.



KNIFE EDGE COVE

Architectural Cove System

Customer: Date:
 Project:



- Available in connectable sections including 4' straight, inside corner, and outside corner.
- Field cuttable to desired length and layout; see installation instructions for additional information on suggested materials.
- Extruded aluminum housing finished in a field paintable white powder coat.
- Each section accommodates 2 separate fixture rows for optimal lumen output and control.
 - Upper Fixture Row
 - Lower Fixture Row
- Accepts all Nano Series luminaires; 4 mounting clips provided per section.
- Mounting Hardware Required
- Interior Use Only

Figure 1. System overview from the attached product sheet.

Key System Information

Available sections	4' straight sections, inside corners, and outside corners. Main straight assemblies ship in 4' units.
Field modification	Straight sections are field cuttable as needed for dimensional adjustment and final layout.
Fixture compatibility	Each section accommodates two fixture rows and accepts Nano Series luminaires. Four mounting clips are noted per section for luminaire mounting.
Use conditions	Interior use only. Installer-supplied mounting hardware is required for wall attachment.

Recommended Installation Sequence

1. Determine height and wall location

Lay out the cove elevation and horizontal run per the job drawings. Confirm the intended start point, end point, corners, and end-cap conditions before fastening any hardware.

2. Install wall hanger clips

Mount hanger clips at the planned cove elevation using installer-supplied fasteners appropriate for the substrate. A suggested starting point is 3 hanger clips per 4' straight unit. Verify the clip line is level before placing the first section.

3. Set the first cove section

Place the first Knife Edge Cove section onto the installed hanger clips in the determined location. Recheck level immediately after setting the first section so the remainder of the run starts true.

4. Join adjoining sections

Bring the next section into place and connect it to the previous section using joiner biscuits / joiner brackets with retention screws. Continue down the run while checking level as you proceed.

5. Add corners, end caps, and field-cut pieces as required

Install inside corners, outside corners, and end caps wherever required by the layout. Because the main assembly ships in 4' straight units, field cutting is required as needed for final fit.

6. Complete drywall skim coat and paint prep

After the cove assembly is installed and aligned, drywall / mud finishing may be completed. Use only a wet mud mixture for skim coating prior to painting.

7. Install luminaire clips and fixtures

Install the fixture clips by twisting them into the slot, then install the luminaires indicated on the job drawings. The system accepts Nano Series products and supports upper and lower fixture rows where specified.

8. Final review

Confirm straightness, joint alignment, corner fit, finish condition, and fixture placement before turnover.

Important field notes

- Use job drawings to establish finished location and luminaire arrangement.
- Keep the run level while joining sections to avoid visible misalignment.
- Only wet mud mixture is recommended for skim coating prior to painting.
- This product sheet indicates interior use only.

Dimensional and Hardware Reference

Use the attached dimensions and hardware views below to support field layout, hanger placement, and section joining.

LIGHTING | CONTROLS

DIMENSIONS:

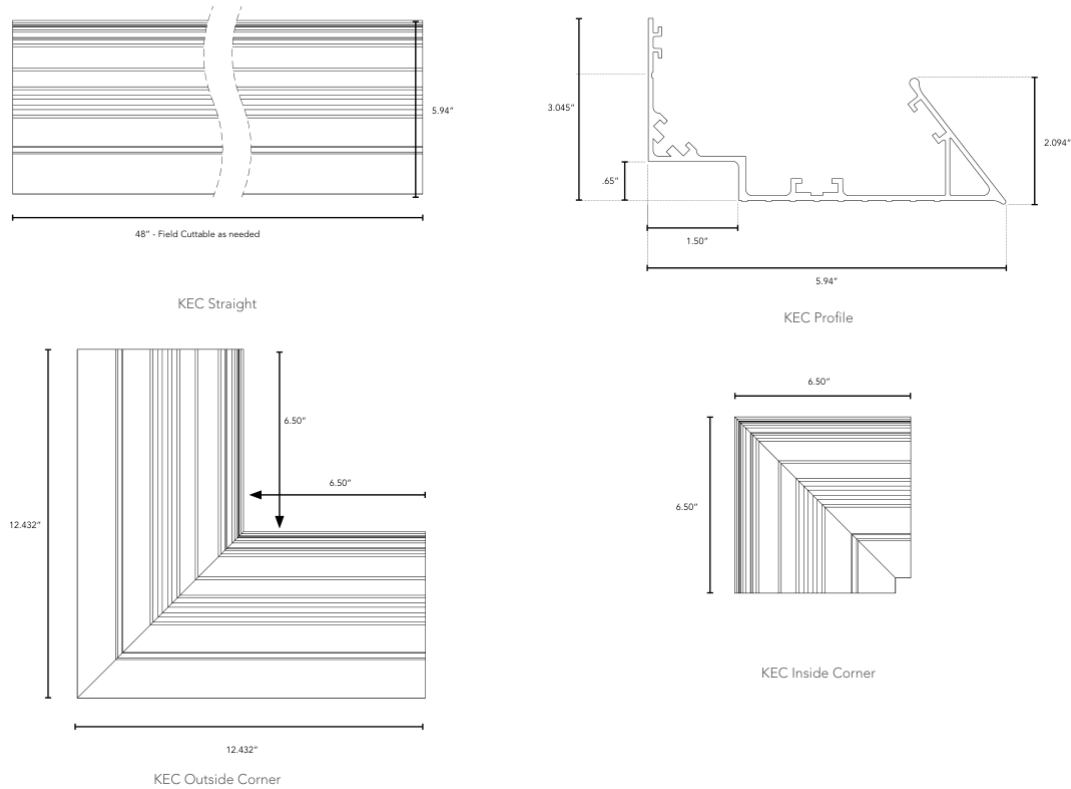


Figure 2. Dimensional reference for straight sections, profile, and corner components.

MOUNTING HARDWARE:

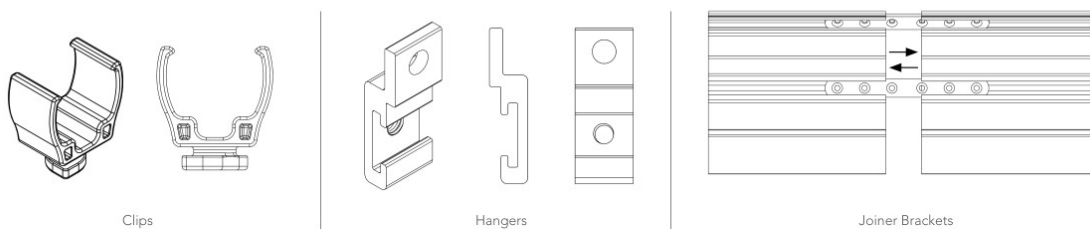


Figure 3. Hardware reference showing clips, hangers, and joiner brackets.

Installer checklist

- Verify overall run length and determine where field cuts are required.
- Confirm hanger clip count and spacing before fastening to the wall.
- Dry-fit corners and end caps prior to final retention screw tightening.
- Complete skim coat with wet mud mixture only before painting.
- Install clips and fixtures per the job drawings after the cove assembly is complete.