3form Fin hardware has a versatile design that allows mounting to vertical or horizontal surfaces as wall fins, horizontal privacy partitions on desktops or pony walls, shelving, or even floor-to-ceiling partitions. It is simple to install and accentuates the material it holds. Based on the material selection the Fin hardware seamlessly integrates with high-powered LED lighting to edge-light the material. This document has information on both material and lighting compatibility. For more information on the lighting please refer to the 3flex Series Edge Lighting Solution Document.

For more information, please visit 3-form.com or call 800.726.0126

Table of Contents

Overview
Featured RTG

200.43.02
Fin Desktop Partition
see page 3
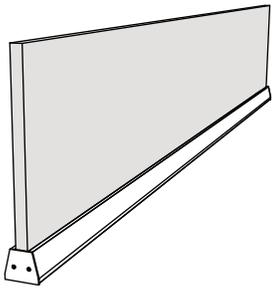
300.36.02.OI
Plank Fin
see page 4
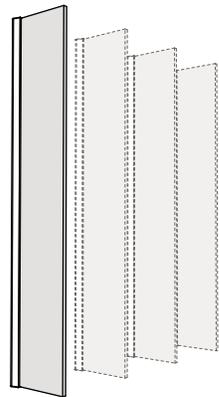
300.37.02
Knife Fin
see page 5
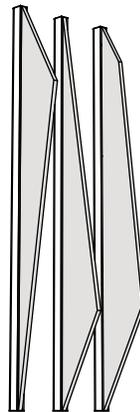
500.04.02
Fin Shelf
see page 6
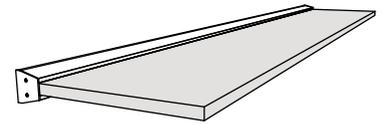
Material Compatibility and Maximum Panel Width for Fins

Material	Wall Fin		Desktop/Pony Wall		Fin Shelf	
	No Lighting	With Lighting	No Lighting	With Lighting	No Lighting	With Lighting
* 1/2" Chroma	24"	14"	24"	14"	12"	12"
* 1" Chroma	36"	18"	36"	18"	12"	12"
1/2" Varia	24"	-	24"	-	-	-
3/4" Varia	30"	-	30"	-	-	-
1" Varia	36"	-	36"	-	-	-
5/8" Struttura	36"	-	36"	-	-	-
3/4" Struttura	36"	-	36"	-	-	-
** 1/2" Pressed Glass	24"	18"	24"	18"	-	-
** 1/2" Monolithic Glass	24"	18"	24"	18"	-	-
** 3/4" Poured Glass	-	-	24"	18"	-	-

Notes:
- Not Available
* Chroma Renew is best for lighting, consult 3form before specifying color layups
** Glass must be clear low-iron, consult 3form before specifying layup materials

Overview
Parts Overview

Aluminum Shim, 144" Long (3658mm)
3-15-1903, 1/16" × 2" (1.6mm × 50.8mm) Shim
3-15-1904, 1/8" × 2" (3.2mm × 50.8mm) Shim
3-15-1905, 3/16" × 2" (4.8mm × 50.8mm) Shim

End Cap Kit with
Strain Relief Hole
3-60-2271-K
(For Illuminated Fin only)

End Cap Kit
3-60-2268-K

Fin

Fin Cover Profile
122" (3099 mm) Length
0-60-2267

Fin Base Profile
122" (3099mm) Length
0-60-2266
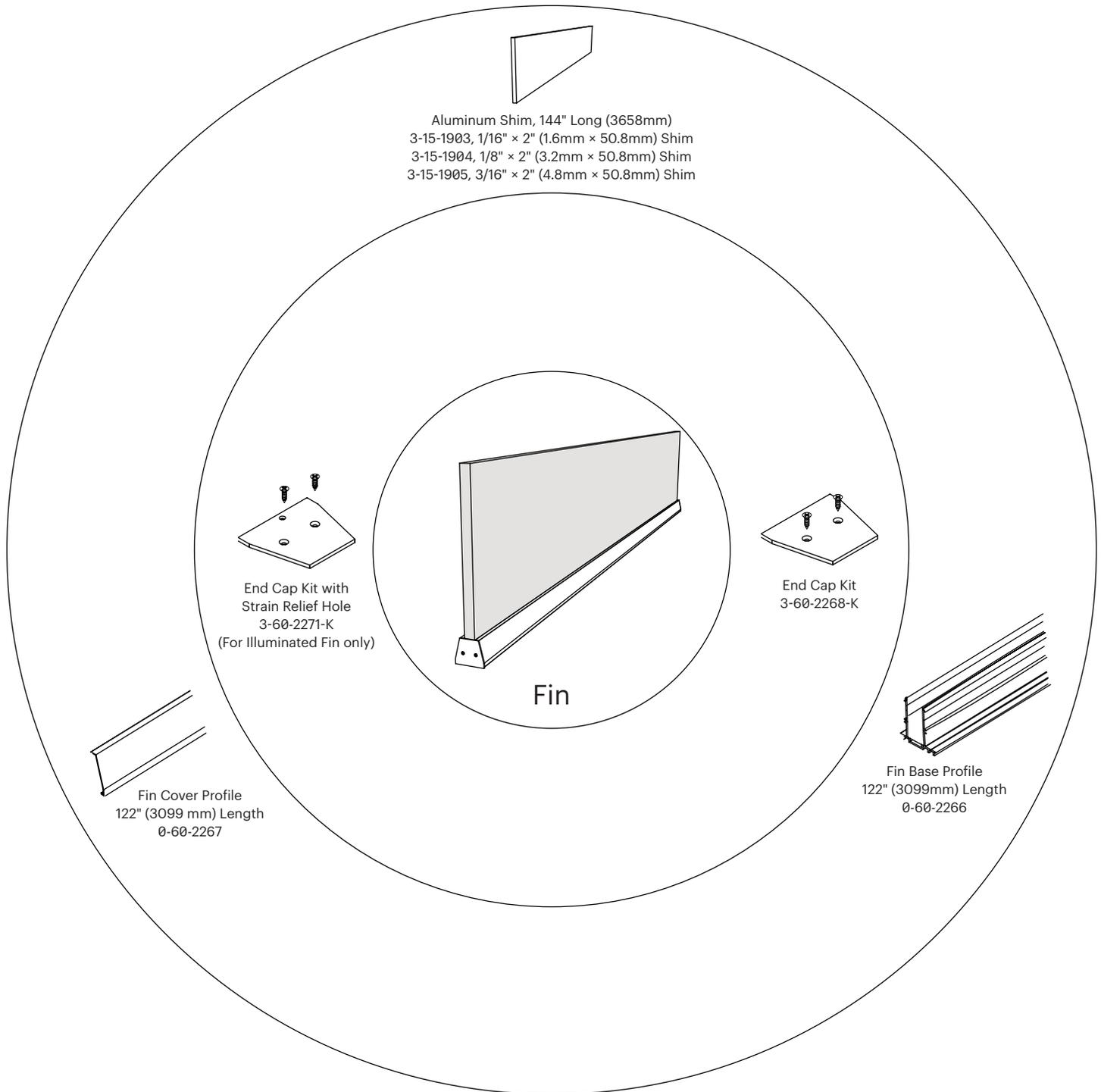
Solution 1
RTG   200.43.02
Fin Desktop or Pony Wall Partition

Panel Gauge

Height

Panel Height

2.5"

1/4"

2.875"
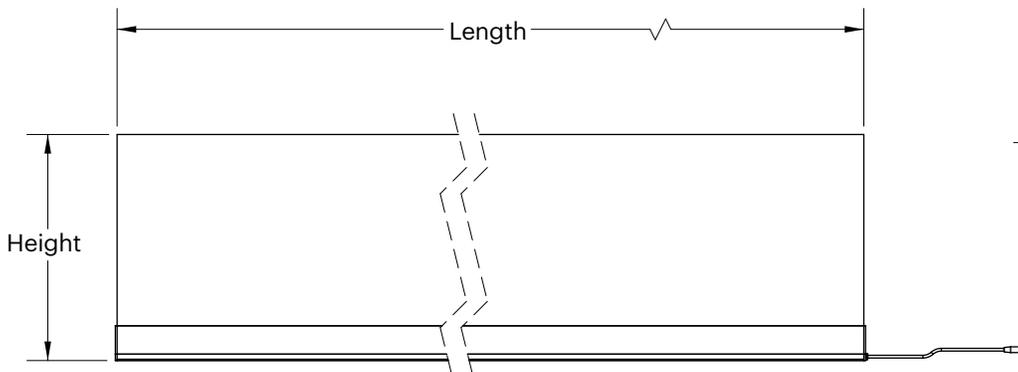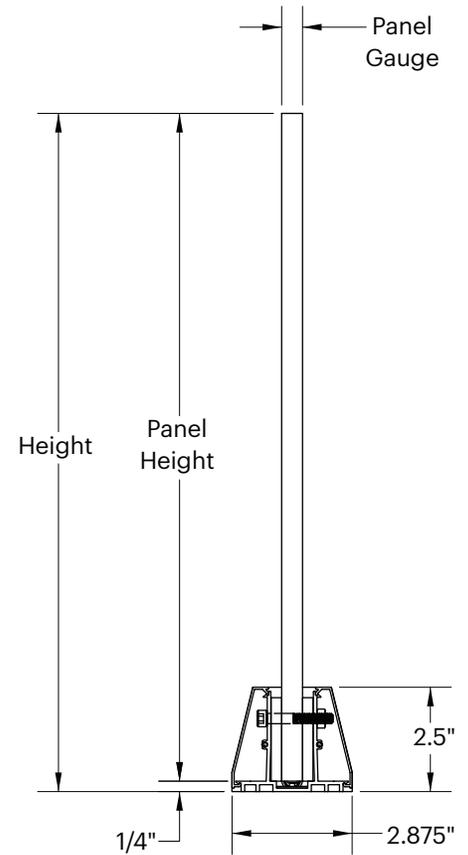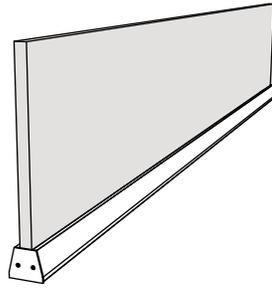
Length

Height

Dimensions

Base profile is 2-7/8" Ć 2-1/2"
Minimum length is 12"
Maximum length is 120"

See compatibility chart on page 1 for available materials and gauges
Minimum recommended Panel Height: 4"
Maximum recommended Panel Height:
1/2" Chroma - 24", 14" w/lighting
1" Chroma - 36", 18" w/lighting
1/2" Varia - 24"
3/4" Varia - 30"
1" Varia - 36"
5/8" Struttura - 36"
3/4" Struttura - 36"
1/2" Pressed Glass - 24", 18" w/lighting
1/2" Monolithic Glass - 24", 18" w/lighting
3/4" Poured Glass - 24", 18" w/lighting

Weight

Base (not including the panel) is 1.25 lbs/linear foot
Panel weight will depend on material choice and gauge

Solution 2
RTG 300.36.02.OI
300.36.02.HF

Plank Fin
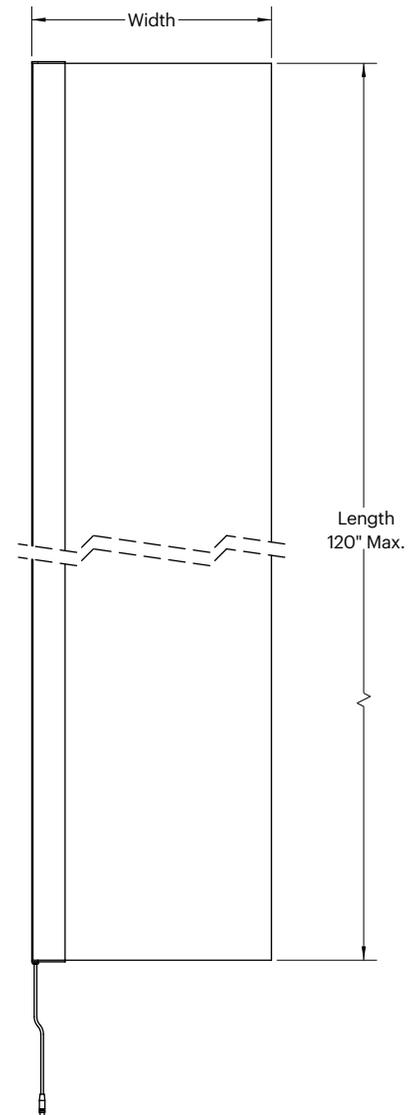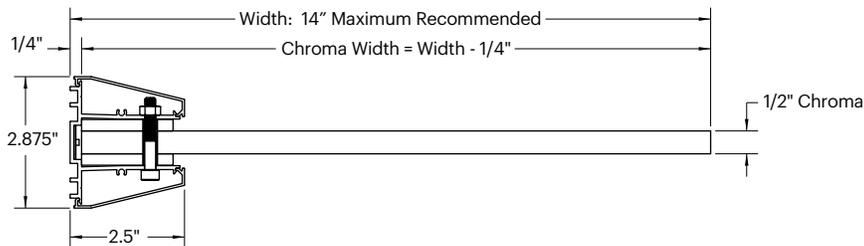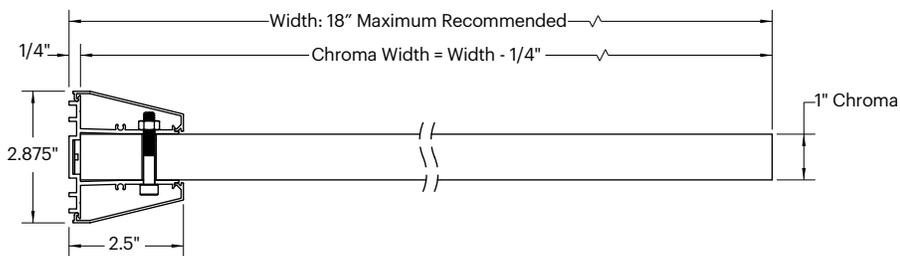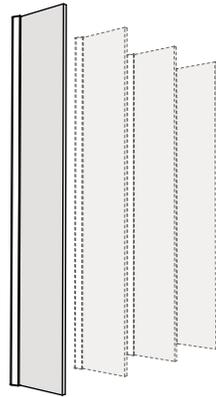
Width: 18" Maximum Recommended
Chroma Width = Width - 1/4"
1/4"
2.875"
2.5"
1" Chroma

Width: 14" Maximum Recommended
Chroma Width = Width - 1/4"
1/4"
2.875"
2.5"
1/2" Chroma

Width

Length
120" Max.

Dimensions

Base profile is 2-7/8" Ć 2-1/2"
Minimum length is 12"
Maximum length is 120"

Minimum recommended Panel Width: 4"
Maximum recommended Panel Width:
1/2" Chroma - 24", 14" w/lighting
1" Chroma - 36", 18" w/lighting
1/2" Varia - 24"
3/4" Varia - 30"
1" Varia - 36"
5/8" Struttura - 36"
3/4" Struttura - 36"
1/2" Pressed Glass - 24", 18" w/lighting
1/2" Monolithic Glass - 24", 18" w/lighting

Weight

Base (not including the panel) is 1.25 lbs/linear foot
Panel weight will depend on material choice and gauge

Example: 1" gauge Chroma Fin 8' long Ć 18" wide (1.25*8 + 8*1.5*6.2) is 84.4 lbs.

Solution 3
RTG   300.37.02
Knife Fin
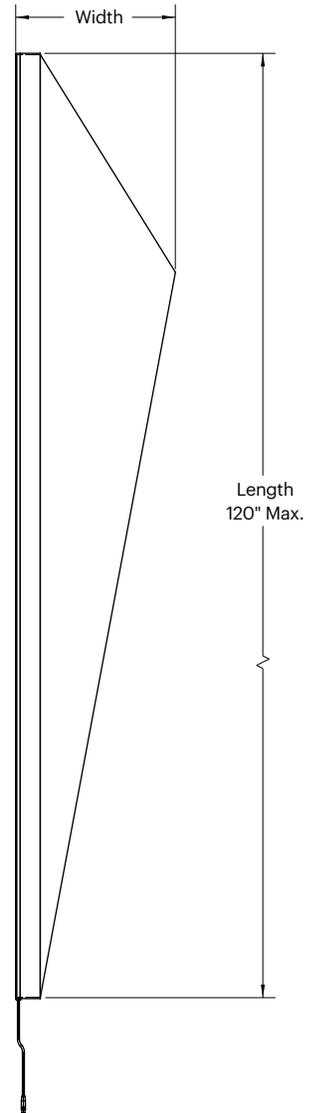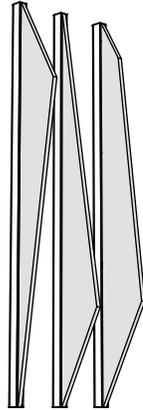
Width

Length
120" Max.

Dimensions

Base profile is 2-7/8" Ć 2-1/2"
Minimum length is 12"
Maximum length is 120"

Minimum recommended Panel Width: 4"
Maximum recommended Panel Width:
1/2" Chroma - 24", 14" w/lighting
1" Chroma - 36", 18" w/lighting
1/2" Varia - 24"
3/4" Varia - 30"
1" Varia - 36"
5/8" Struttura - 36"
3/4" Struttura - 36"
1/2" Pressed Glass - 24", 18" w/lighting
1/2" Monolithic Glass - 24", 18" w/lighting

Note: Material can be cut to customer specified shapes as long as they fall within the specified min/max requirements

Weight

Base (not including the panel) is 1.25 lbs/linear foot
Panel weight will depend on material choice and gauge

Example: 1" gauge Chroma Fin 8' long Ć 18" wide (1.25*8 + 8*1.5*6.2) is 84.4 lbs.

Solution 4
## RTG   500.04.02
Fin Shelf

Width
12" Max.

Length
120" Max.

Width: 12" Maximum Recommended

Chroma Width = Width - 1/4"

1/4"

2.875"

2.5"

1" Chroma

Width: 12" Maximum Recommended

Chroma Width = Width - 1/4"

1/4"

2.875"

2.5"

1/2" Chroma
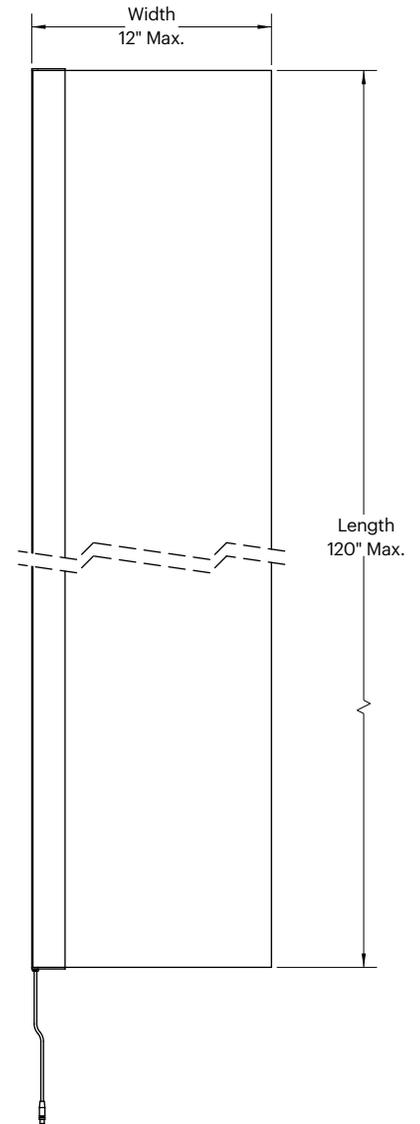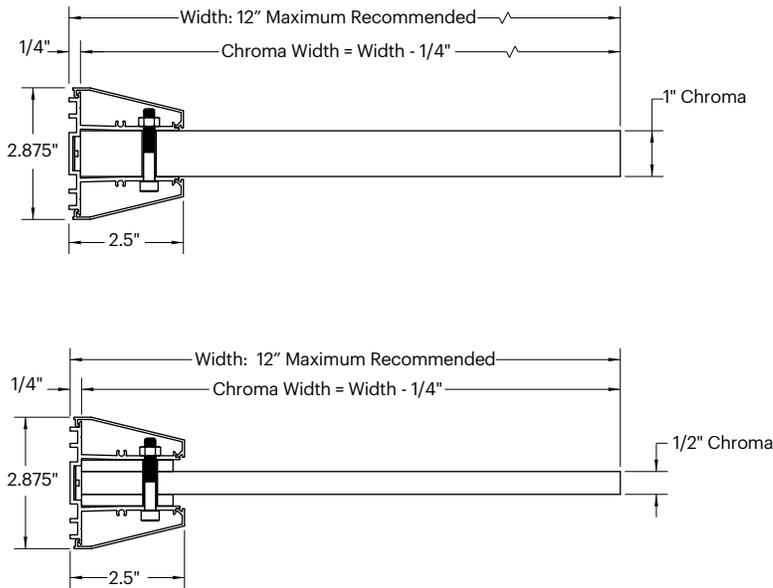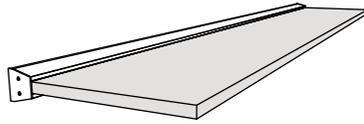
Dimensions

Base profile is 2-7/8" Ć 2-1/2"
Minimum length is 12"
Maximum length is 120"

Fin material available in 1/2" or 1" gauge
Maximum recommended width: 12"
Minimum recommended width: 4"
No more than 10lbs/ft on shelf when anchored into a solid substrate
such as concrete or wood blocking

Weight

Base (not including the panel) is 1.25 lbs/linear foot
1/2" gauge Chroma panel is 3.1 lb/ft2
1" gauge Chroma panel is 6.2 lb/ft2

Example: 1" gauge Chroma Fin 8' long Ć 18" wide (1.25*8 + 8*1.5*6.2) is 84.4 lbs.

Instructions
Installation

Installation is basically the same for all Fins. The only difference is the orientation and substrate that the Fin will be mounted to.

The Fin Panels will come assembled from the factory. The cover extrusions may be shipped loose or installed at the factory. If they are installed you will need to remove them to fasten the fin to the wall. Remove the top end cap and slide a screwdriver or thin rod between the cover and base near the top. Pry outward to snap off covers.

The Fin Panel may be removed for installation to prevent scratching or damage if desired. Remove the nuts and bolts fastening the Fin Panel and pull it out of the channel.

Mounting holes are not pre-drilled at the factory in the base extrusion. This will allow hole placement to match structure on site such as studs or furring strips. Drill Ø 1/4" holes on both sides of base extrusion along drill guide lines. Holes should be spaced no more than 30" apart and no more than 12" in from the top/bottom.

Fasten the Fin Panel to the structure using appropriate anchors for the substrate. Recommend 3/16" Ć 1-3/4" long wood screws for wood and 3/16", 1/4", or M6 anchors for concrete or cement.

Re-install the Fin Panel if it was removed and snap the cover extrusions in place.

Connect cable to power supply or controller.

See 3flex Series Edge Lighting Solution Document for wiring specifications and diagram.

Remove top end cap for access to snap off cover extrusions

Cover Extrusion

Attach to wall with appropriate 3/16", 1/4", or M6 anchors depending on wall surface.

Drill Ø 1/4" holes along drill guide lines in base extrusion

Cover Extrusion
Base Extrusion
Fin Panel
2"
Anchor
Cover Extrusion

Section View