



Compose SYSTEM

High-Efficiency Linear Asymmetrical LED Light Fixture for Indirect General Illumination.



► FEATURES

- Plug-and-play design allows for any combination of 1, 1.5 and 4 foot modules to be installed for up to 100' from a single power feed.
- Luminaires can be installed in a variety of configurations: linearly, around corners, or in curved installations. Both inside and outside Corner Units are available for continuous light.
- Prefabricated cove mounting channel reduces installation time and cost, while keeping the small form factor.
- Easily connects to the building's power source (100 - 277 VAC, 50 / 60 Hz) via entry cable provided.
- Strict 2-Step MacAdam Ellipse binning. Each fixture is photometrically tested and serialized for traceability.

► PHYSICAL

- Extruded Aluminum Housing/ UV Stabilized Polycarbonate Lens.
- IP50 Rating
- Weight: 1Ft: .87lb, 1.5Ft: 1.31lb, 4Ft: 3.48lbs. Corner Weight: 1.69lb
- Warranty: 5 Years

► ELECTRICAL SPECIFICATIONS

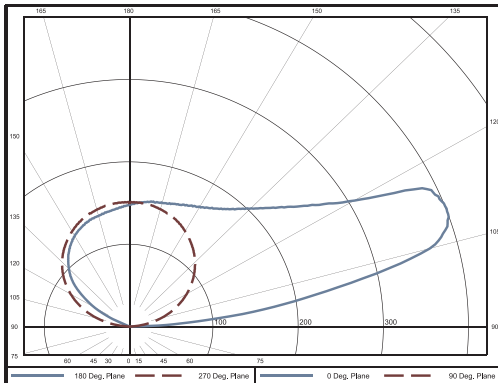
| | |
|----------------------|----------------------------------------------------------------------|
| Input Voltage | 120 - 277 VAC, 50 / 60 Hz |
| Input Power | 2W - 12W Factory Programmable *2W & 3W Non-dimming |
| Max. Load | 60Ft @ 120 VAC. 100Ft @ 277 VAC. Startup/Operating: -20°C to +40°C |
| Temperature | Storage: -30°C to +60°C Relative Humidity: 10 - 90% (non-condensing) |
| Dimming | >5% via 0 - 10 VDC |
| Life | 60,000 hours to L70 |



AMERICAN
DESIGNED
& MANUFACTURED

► PERFORMANCE

POLAR PLOT **98.7 lm/W 83 CRI** (90+ Available)



3000K LUMEN DATA

| System Watts/Ft | Delivered Lumens/Ft | |
|--------------------|------------------------|--------|
| | 83 CRI | 92 CRI |
| 2 | 197 | 158 |
| 3 | 296 | 237 |
| 4 | 395 | 316 |
| 5 | 494 | 395 |
| 6 | 592 | 474 |
| 7 | 691 | 553 |
| 8 | 790 | 632 |
| 9 | 888 | 710 |
| 10 | 987 | 790 |
| 11 | 1086 | 869 |
| 12 | 1184 | 947 |

LUMEN FACTOR

| Output Factors | |
|----------------|------------|
| CCT | Multiplier |
| 2700K | 0.96 |
| 3000K | 1 |
| 3500K | 1.03 |
| 4000K | 1.05 |
| 4500K | 1.05 |
| 5000K | 1.05 |
| 6500K | 1.05 |

MAX RUN/FEED

| Watts POWER | Max. Run Length | |
|----------------|-----------------|--------|
| | 120VAC | 277VAC |
| 2 | 240Ft | 270Ft |
| 3 | 150Ft | 270Ft |
| 4 | 100Ft | 270Ft |
| 5 | 90Ft | 220Ft |
| 6 | 75Ft | 180Ft |
| 7 | 65Ft | 160Ft |
| 8 | 60Ft | 120Ft |
| 9 | 50Ft | 120Ft |
| 10 | 45Ft | 100Ft |
| 11 | 45Ft | 95Ft |
| 12 | 40Ft | 90Ft |

► SPECIFICATION CODE BUILDER

| Series | Power | Color | CRI | Mounting | Cable | Geometry | Orientation |
|---------------|-------|----------------------------------------------|------------------|-----------------------------------------------------|------------------|---------------------|---------------------|
| CP | | | | | | | |
| CP Compose | 02W* | 27K - 2700K | S - Standard+82 | SF - Surface Fixed Mount | SC - Straight | S-____Ft. | IC - Inside Corner |
| | 03W* | 30K - 3000K | H - High92+ | SA - Surface Adj. Mount | RT - Right Angle | L-____x____Ft. | OC - Outside Corner |
| | 04W* | 35K - 3500K | | WF - Wall Mount Flat Front++ | | U-____x____x____Ft. | |
| | 05W | 40K - 4000K | | GF - Gypsum Flat Front | | R-____x____Ft. | |
| | 06W | 45K - 4500K | | K1 - Gypsum Knife Edge 30° | | C- Custom* | |
| | 07W | 50K - 5000K | | K2 - Gypsum Knife Edge 40° | | Geometry Direction | |
| | 08W | 65K - 6500K | | AC - ACT | | S-Straight | → |
| | 09W | | | | | L-L-Shape | ↙ ↘ |
| | 10W | | | SF and SA are Shipped with QuickTrack Mounting Rail | | U-U-Shape | ↙ ↘ |
| | 11W | For Other Color Temperature Contact Factory. | | | | R-Rectangle/Square | □ |
| | 12W | * Non-dimming | +Contact Factory | ++Custom Color Contact Factory | | | |

EXAMPLE: CP-03W-35K-S-GF-RT-S-IC



Integrated Illumination Systems, Inc.
355 Bantam Lake Road
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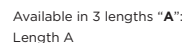
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► LED MODULE DIMENSIONS



| "A" | | Power- | Color- | CRI- |
|-----|-------|--------|--------|------|
| 12" | CP-12 | XXX- | XXX- | X |
| 18" | CP-18 | XXX- | XXX- | X |
| 48" | CP-48 | XXX- | XXX- | X |

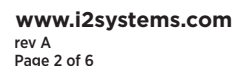
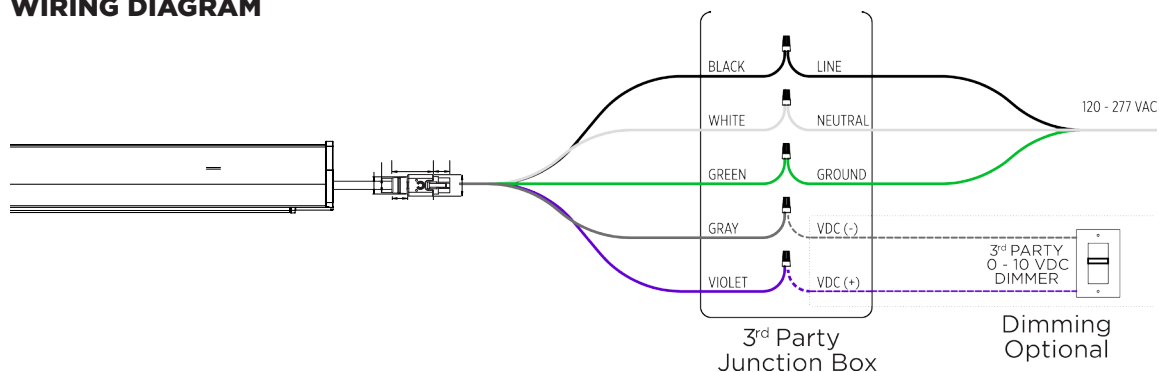
► CABLE OPTIONS

Technical drawing of the cable head assembly showing dimensions in inches and millimeters:

- Overall length: 120" [3048mm]
- Head diameter: 0.6" [17mm]
- Head width: 0.5" [12.8mm]
- Head thickness: 0.4" [12mm]
- Head width (inner): 0.7" [20mm]
- Head width (outer): 0.4" [12mm]
- Head width (middle): 0.5" [13mm]

BLACK - Line
WHITE - Neutral
GREEN - Ground
GRAY - Dimming (-)
VIOLET - Dimming (+)

► WIRING DIAGRAM



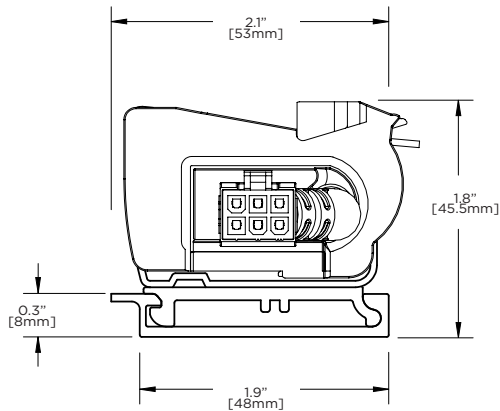


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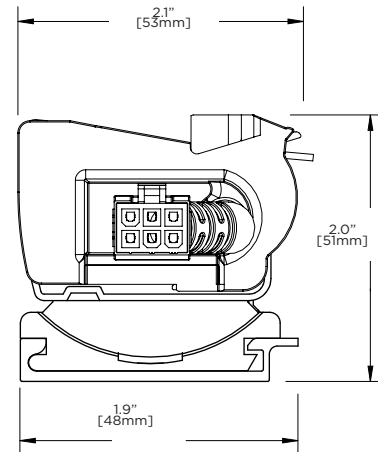
High-Efficiency Linear Asymmetrical LED Light Fixture for Indirect General Illumination.

► SURFACE MOUNTING

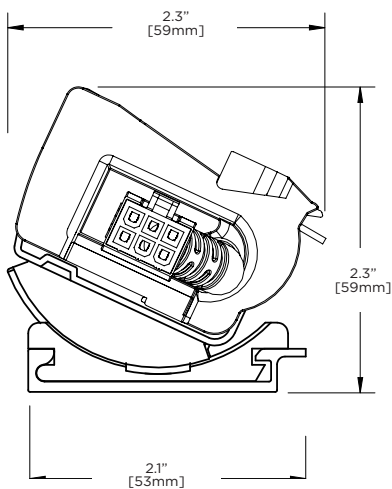
Surface Fixed Mount, 0°: __SF



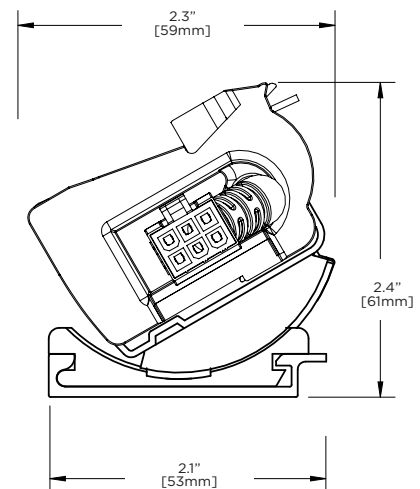
Surface Adj. Mount, 0°: __SA



Surface Adj. Mount, +25°

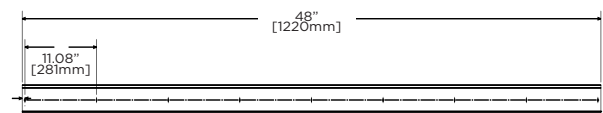
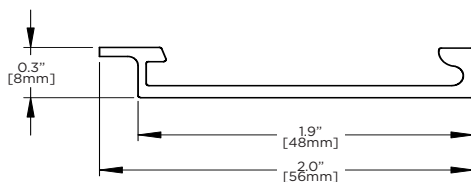


Surface Adj. Mount, -30°



► QUICKTRACK MOUNTING SYSTEM

Surface Mount Track: __SF-SA-Q



Quicktrack Mounting System included in shipment and required for all Surface Mounted options.

4' Max. Length ALUMINUM Field Cuttable Hardware Supplied By Others.



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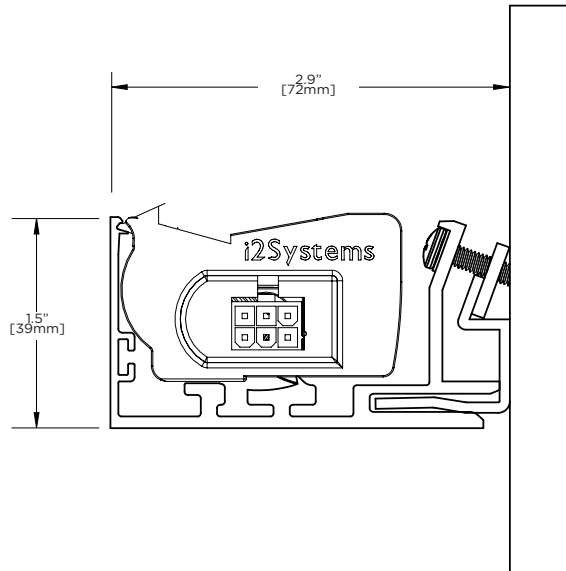
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High-Efficiency Linear Asymmetrical LED Light Fixture for Indirect General Illumination.

► WALL MOUNT OPTIONS

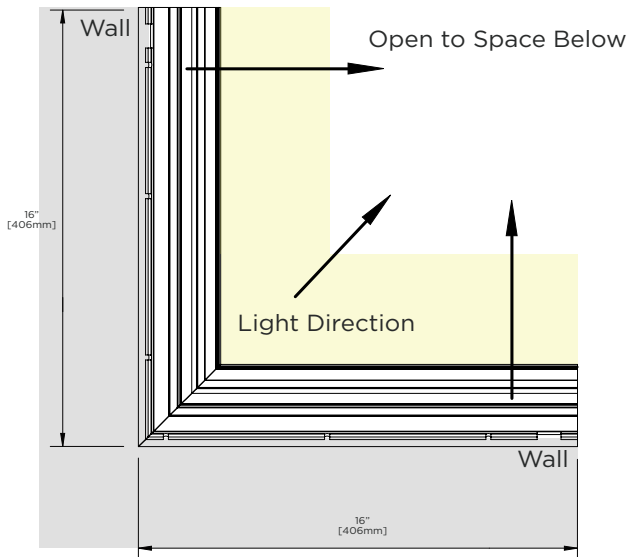
Wall Mount Flat Front ___WF

End Cap: ___WF-END-L ___WF-END-R

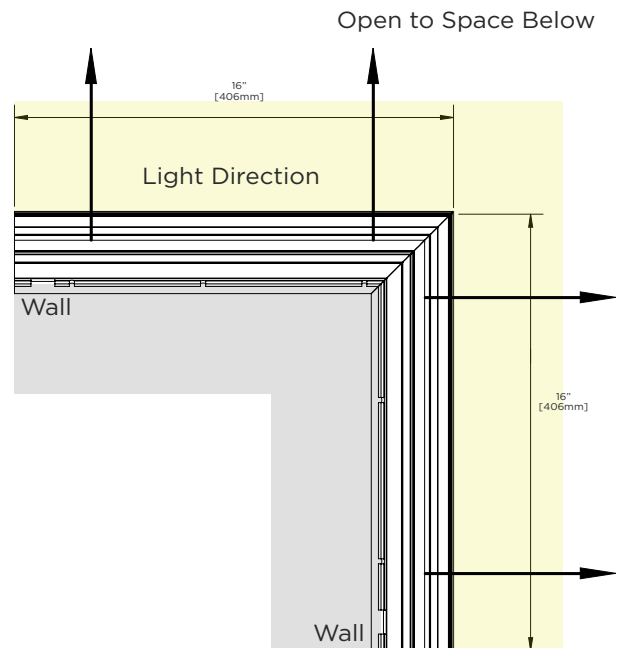


► WALL MOUNT CORNERS

Inside Corner ___WF-IC-L
___WF-IC-R



Outside Corner ___WF-OC-L
___WF-OC-R



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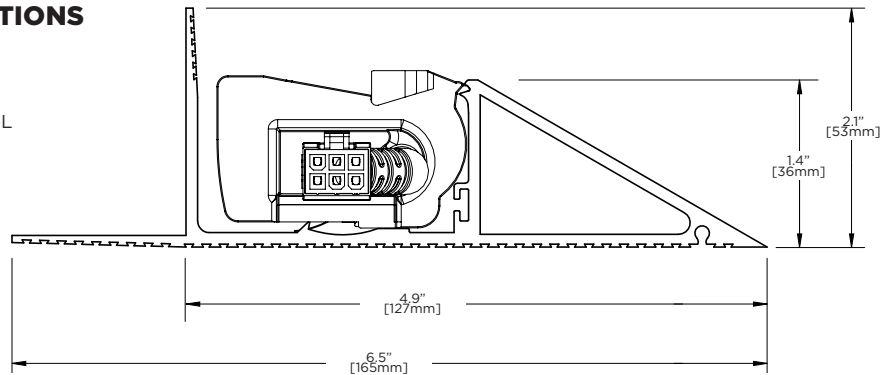
High-Efficiency Linear Asymmetrical LED Light Fixture for Indirect General Illumination.

► GYPSUM MUD-IN PROFILE OPTIONS

Knife Edge 30° Extrusion ___GF-K1

End Cap: ___GF-K1-END-L ___GF-K1-END-R

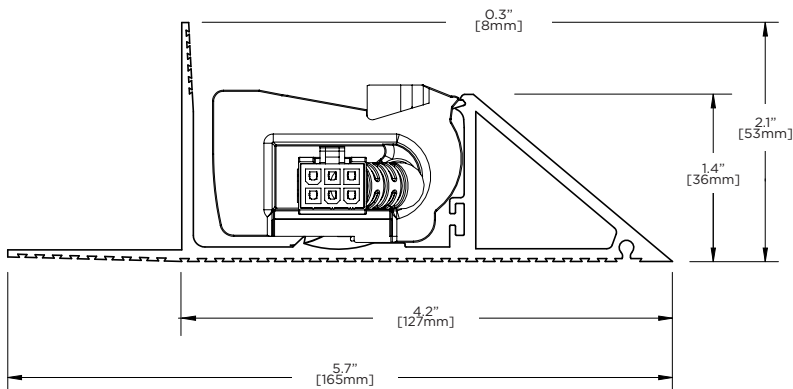
Corner: ___GF-K1-IC-L ___GF-K1-OC-L
___GF-K1-IC-R ___GF-K1-OC-R



Knife Edge 40° Extrusion ___K2

End Cap: ___GF-K2-END-L ___GF-K2-END-R

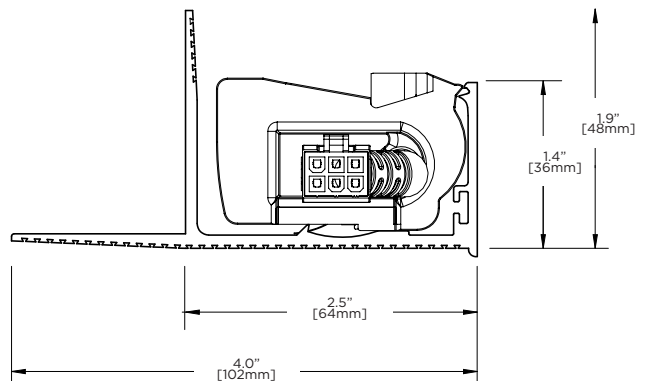
Corner: ___GF-K2-IC-L ___GF-K2-OC-R
___GF-K2-IC-L ___GF-K2-OC-R



Flat Front 90° Extrusion ___GF

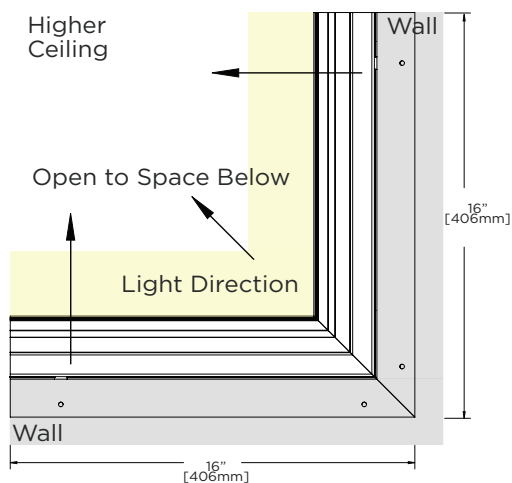
End Cap: ___GF-END-L ___GF-END-R

Corner: ___GF-IC-L ___GF-OC-R
___GF-IC-L ___GF-OC-R



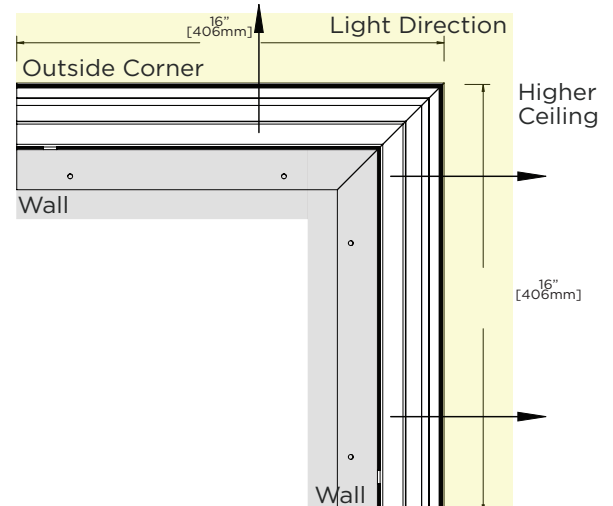
► GYPSUM MUD-IN CORNERS

Inside Corner: ___GF-K1-IC-L ___GF-K2-IC-L ___GF-IC-L
___GF-K1-IC-R ___GF-K2-IC-R ___GF-IC-R



Outside Corner: ___GF-K1-IC-L ___GF-K2-IC-L ___GF-IC-L
___GF-K1-IC-R ___GF-K2-IC-R ___GF-IC-R

Open to Space Below



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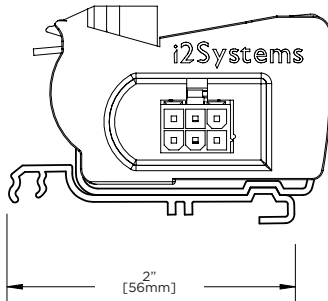
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► ACT PROFILE OPTIONS

____AC-FF

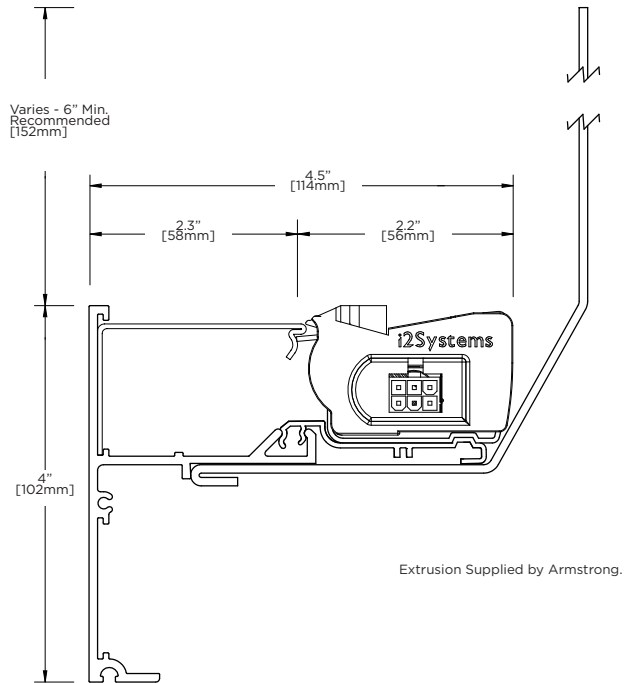
Armstrong AXIOM-Flat Front Indirect Light Cove Mounting Clip



*Specify this Mounting Clip for all Armstrong AXIOM Indirect Light Coves

Armstrong Part Codes

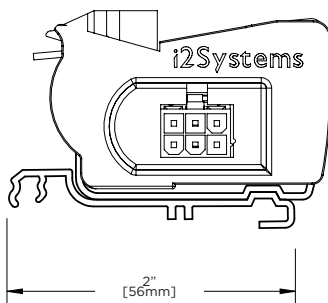
____AXIDLCCXXXXXX ____AXIDLCWXXXXXX



► ACT PROFILE OPTIONS

____AC-KE

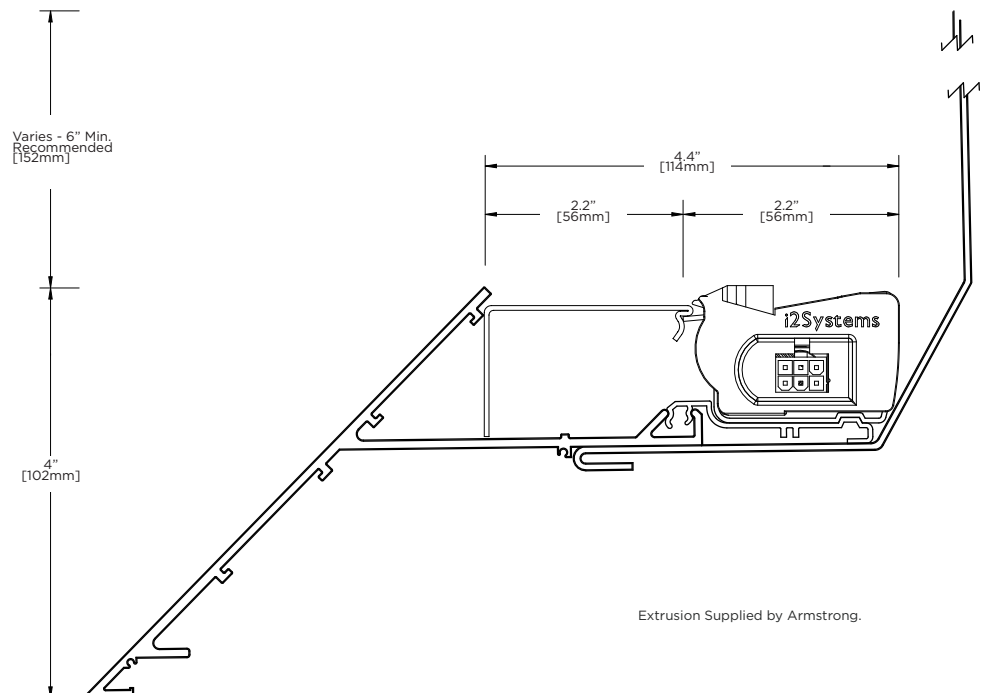
Armstrong AXIOM-Knife Edge Indirect Light Cove Mounting Clip



*Specify this Mounting Clip for all Armstrong AXIOM Indirect Light Coves

Armstrong Part Codes

____AXIDLCKEXXXXXX ____AXIDLCWKXXXXXX



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