



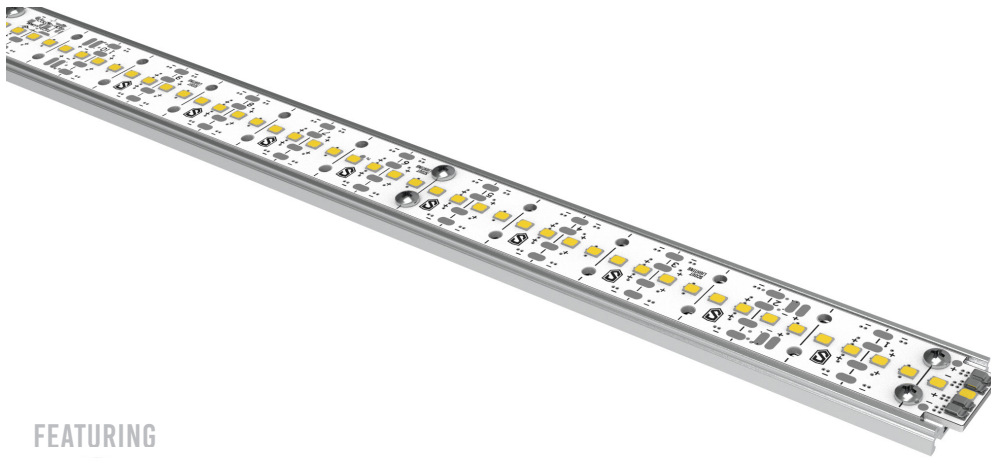
STATIC WHITE

Project : _____

Firm : _____

Type : _____

Quantity: _____



AMERICAN MADE



Intertek
5011600

WARRANTY

5 Years

EFFICACY

160 Lm / W†

MACADAM

3 Step

CRI

90+

R9

50+

FEATURING



LUMENDIAL

Features

- Fully Assembled
- Rigid Scout Engines
- Cuttable to 1/2 Inch
- No Double sided tape
- Shop drawings for all orders
- Easy Plug and play system
- LumenDial allows you to dial in any lumen output
- Designed for the Contractor
- Solderless Connections
- No Visible hot-spots - ever (with milky lens)
- Illuminated Corners
- Endless runs - Inject new power feeds at any point

Applications

- Cove Lighting
- Under Cabinet
- Stair / Toe Kick
- Back Lighting
- Vanity Lighting

2200

2700

3000

3500

4000

5000

Part # Builder

SS-B	+		+		+		+		+		+		+	
Prefix	+	Intensity ¹	+	CCT	+	Finish ²	+	Feed ³	+	Control	+	Mount	+	Blind Cove ⁴ + Length
Basic Fixture		2 - 2.5W		22 - 2200K		M - Mill		0 - End		0 - None		N - None		N - No X"Y"
		5 - 5.0W		27 - 2700K		W - White		R - Rear		1 - 0-10		S - Surface Clip		Y - Yes
		10 - 10.0W		30 - 3000K		B - Black		1 - Side 1		2 - DMX		B - Blind Clip		
		Custom ¹ Lumen Dial		35 - 3500K		Custom RAL #		2 - Side 2		3 - POE		T - Tilttable Stand		
				40 - 4000K								SM - Surface Magnetic		
			50 - 5000K									BM - Blind Magnetic		

¹ LumennDial : Custom Output : The Scout Engines can be programmed for any lumen output from 1 to 1,400 lumens per foot. Contact Factory for more info.

² Finish : Mill Finish comes standard. Cost Adder for Powder Coating. Contact Factory for Custom RAL#.

³Feed : See Feed details on page 4

⁴ See Blind Cove details on page 5.

⁵Ordering info on page 9.



Quick Specifications

LED SYSTEM

Proprietary linear LED Scout Engine incorporates premium Cree LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance.
 Available in 2200K, 2700K, 3000K, 3500K, 4000K or 5000K in 90+ CRI. LED modules and drivers are replaceable.
 Color accuracy <3 SDCM

CONSTRUCTION

One piece extruded aluminum housing. Cast aluminum end caps.

ELECTRICAL

Fixture come preassembled with 8" whip.
 All Drivers are installed in remote location.
 All drivers are Universal input 120-277 VAC.
 Standard Constant Current drivers include 0-10V dimming preinstalled in an enclosure.

LABELS

Conforms To UL STD 2108 Certified To CSA STD C22.2 # 250.0
 Suitable for Dry or Damp Locations, indoor use only.

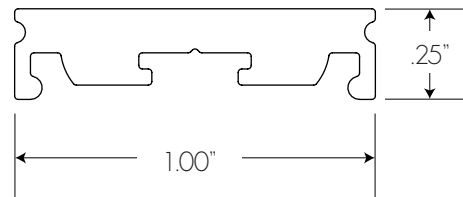
FINISH

Standard Mill Aluminum Finish.
 Powder Coating to any RAL# available upon specification

WARRANTY

5 Year Limited Warranty - Covers all Scout manufactured products.
 Default to manufactures warranty for all 3rd party components.

Dimensions



No Lens

OUTPUT	LOW	MEDIUM	HIGH
Lumens / Foot	450	750	1250
Watts / Foot	2.8	4.8	8.3
Lumens / Watt	160	157	150

Scout Fixture Offerings



Surface



Grazer

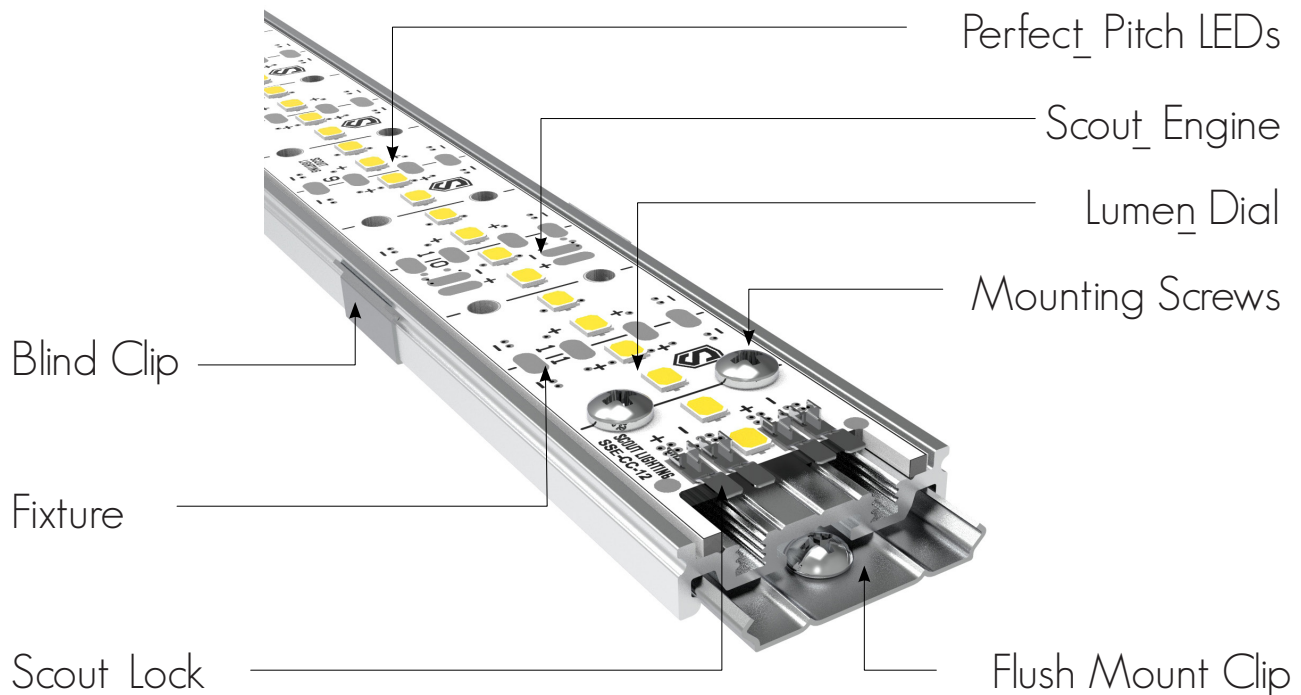


Corner

Full Spec info on Page 9



Fixture Anatomy



Perfect_Pitch LEDS

Achieve an uncompromisable layer of architectural lighting at any intensity through LED spacing that never change with the intensity. This means no hot-spots and imaging when paired with the Milky lens.

Scout_Engine

Rigid boards Plug and Play together.

Cutttable to 1/2 Inch

Lumen_Dial

A patent pending circuit design delivers 3 separate intensities within a single engine. One engine, one pitch is the only way to simply and brilliantly bring a vision to reality.

Blind Clip

Scout's Wrap Around Blind Clip makes blind cove installation a breeze.

Also comes in Magnetic mounting

Scout_Lock

Developed with a straightforward installation process in mind, engine connectors quickly lock together. No tools are necessary even when housing in the Scout Select Channel.

Flush Mount Clip

Scout's Surface mounting clip sits flush when installed. Once installed you'll never see it again!

Also comes in Magnetic mounting

Mounting Screws

No more double sided tape!

Scout's Rigid Engines are held firmly in place with screws.

Fixture

Designed from the ground up to be a module system.

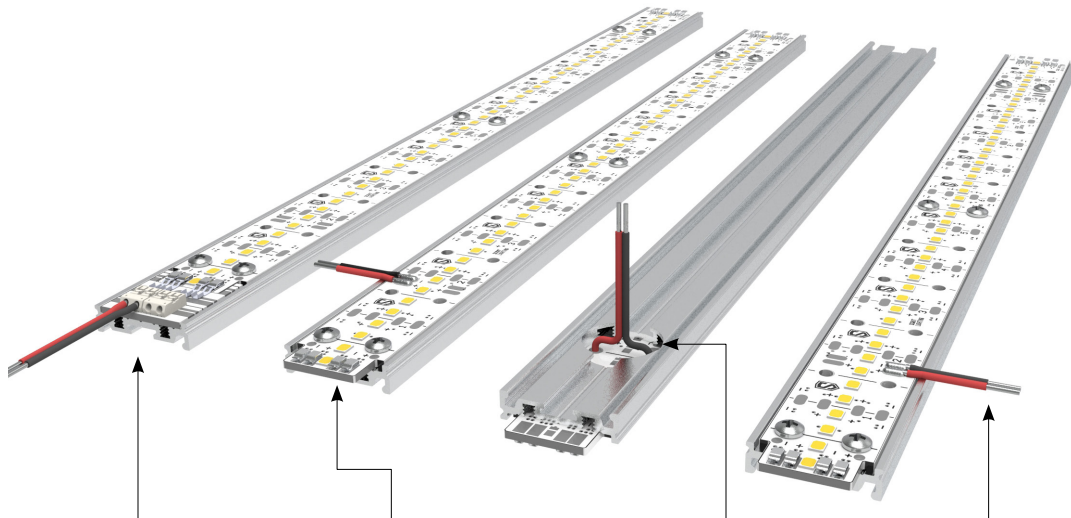
Each fixture is 100% custom to you. Pre assembled and cut to the 1/2 inch

We can powder coat to any finish you desire.





Feed Options



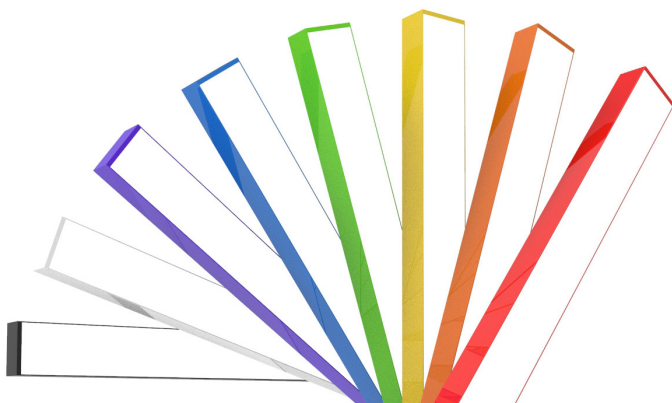
End Cap Feed
Standard Feed

Side Feed 1
Inside Side Feed

Rear Feed

Side Feed 2
Outside Feed

Finish

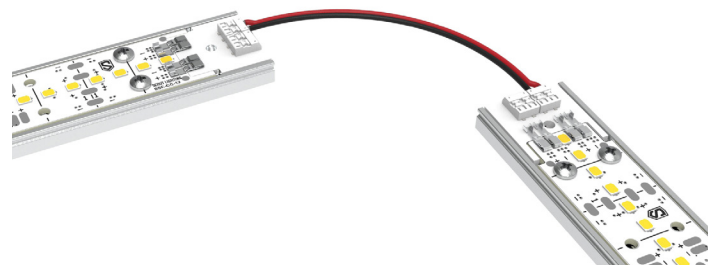


Powder Coat any Scout Fixture to any RAL #
Scout Fixtures come standard Mill Finish Aluminum

Your Fixture. Your Design. Customized.

Price Adder for Powder Coating

Jumpers



Whether you're turning an angle or daisy chaining the Scout Fixtures can be connected with any length of wire you choose.

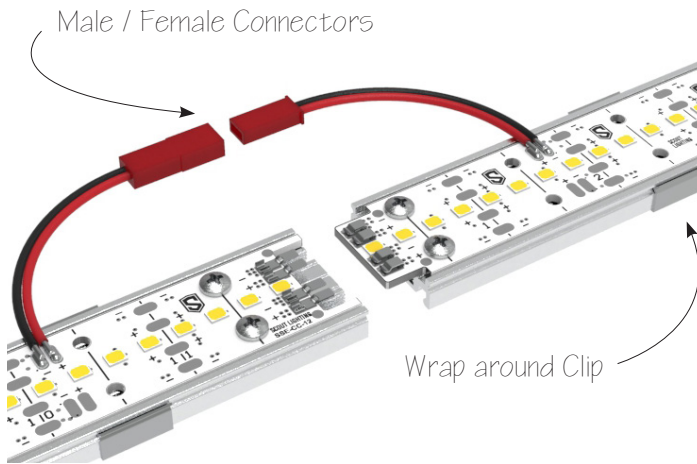




SCOUT LIGHTING

BASIC FIXTURE STATIC WHITE

Blind Cove Option



Scout offers a blind cove option for those hard to reach and see installs. The wrap around clip makes mounting a breeze and male / female connectors help make connections when you can't see.

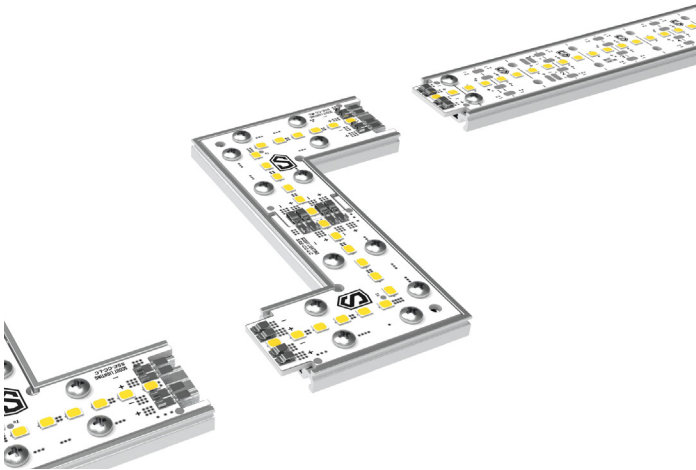
Lumen Dial



Scout's propriety Scout Engine can be dialed into any lumen or wattage value.

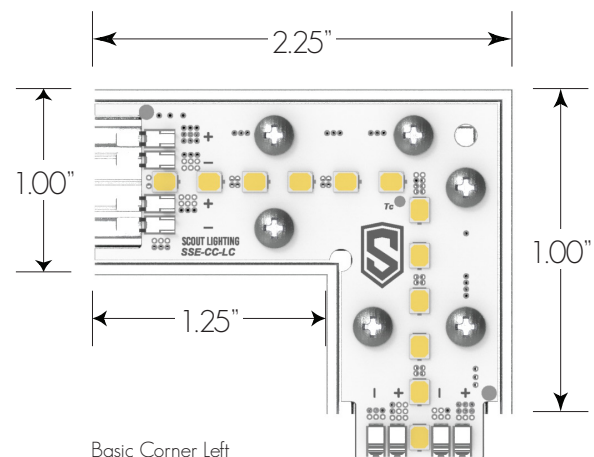
From 1 Lumen to 1,400 per foot!

Patterns



Scout fixtures come completely preassembled. All the installers need to do is simply slide them together. New power feeds can be injected anywhere. Never have a break in light!

Illuminated Corners



Scouts Illuminated corners come in both Left and Right Directions.

The corners snap into place with Scout Lock technology.



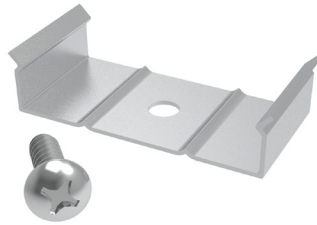
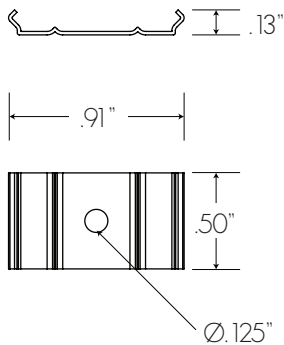


Mounting Clips



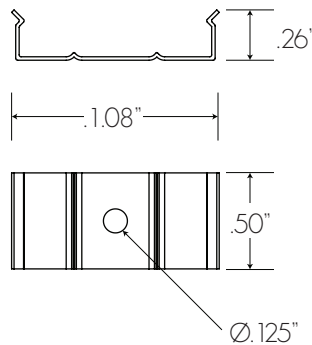
FLUSH CLIP
PART # SSM

Ships with 1/2" #4 Screw
Use #1 Phillips Bit Driver

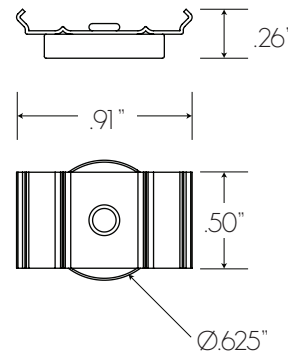


BLIND CLIP
PART # SBM

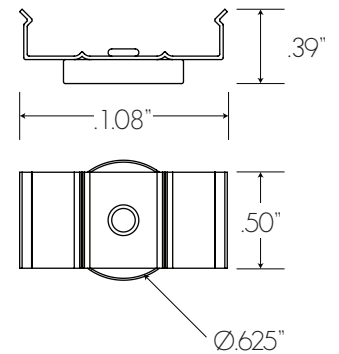
Ships with 1/2" #4 Screw
Use #1 Phillips Bit Driver



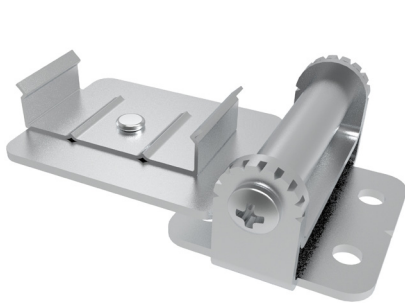
FLUSH CLIP MAGNETIC
PART # SSMMAG



BLIND CLIP MAGNETIC
PART # SSBMAG

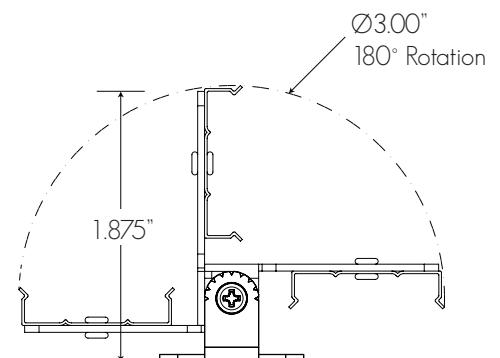
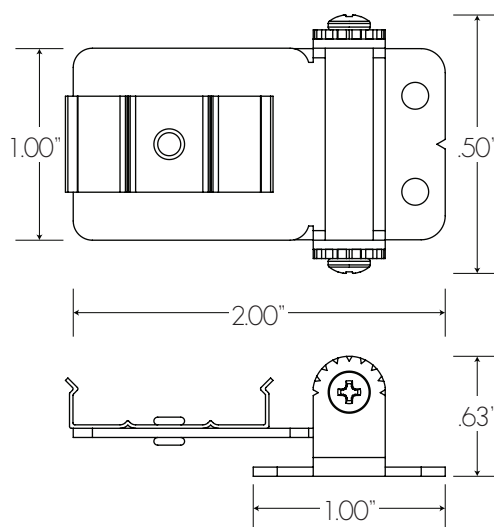


Tiltable Stand

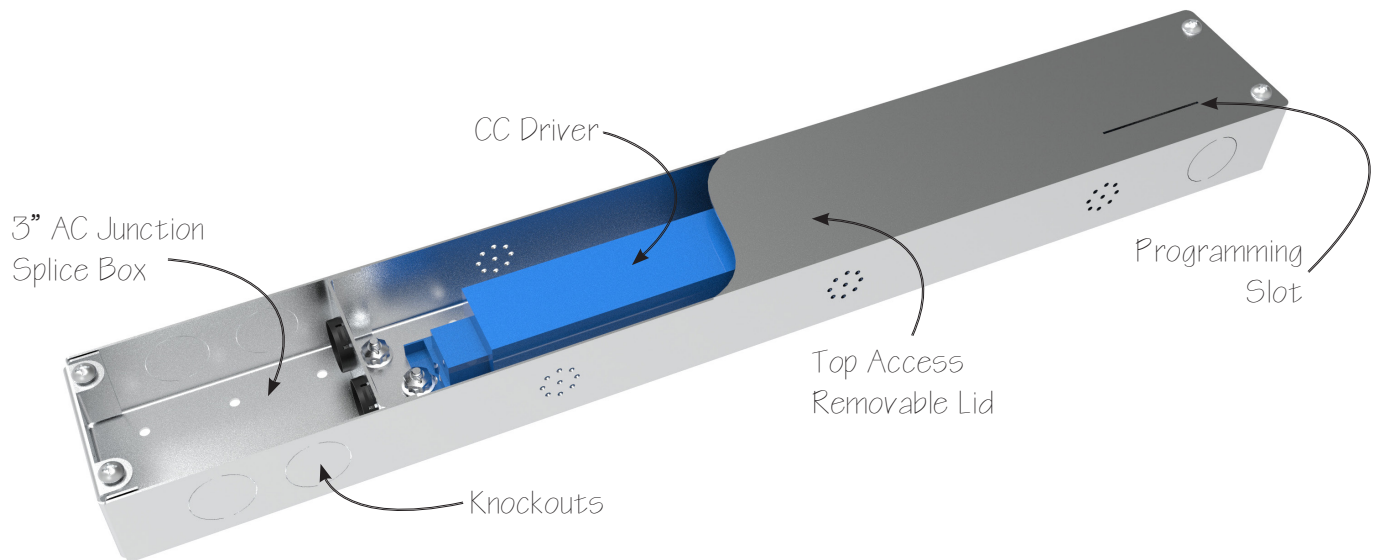


TILTABLE STAND
PART # SSBTILT

Ships with 1/2" #4 Screw
Use #1 Phillips Bit Driver



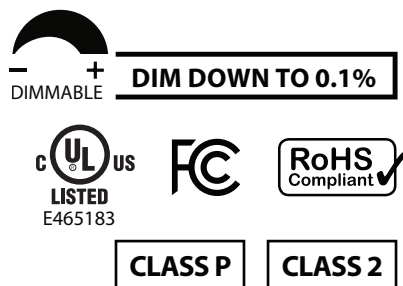
0-10 Driver + Wiring



Features

- Compliant with Title 24 Requirements
- Wireless RFID Programming - No power required
- 0-10V Dimmable - Dim Down to 0.1%
- Dim To 0 Capability
- NTC - LED Temperature Sensor
- Auxiliary Power Output
- Wide Operating Window
- CLO (constant lumen output)
- Up to 90% efficiency
- Universal Input Voltage
- UL Listed 8750, Class 2, Class P

Approvals



Load + Distance

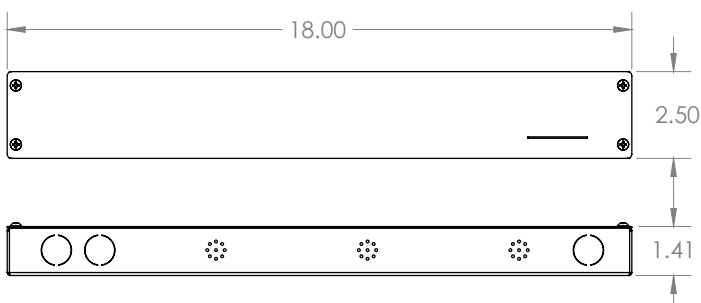
Max Distance at Full Load @ 2000 mA

18 AWG	16 AWG	12 AWG
40 Feet	60 Feet	150 Feet

Max Driver Load at 2000 mA

Low (89ma)	Medium (149ma)	High (256 ma)
22 Feet	13 Feet	7 Feet

Dimensions

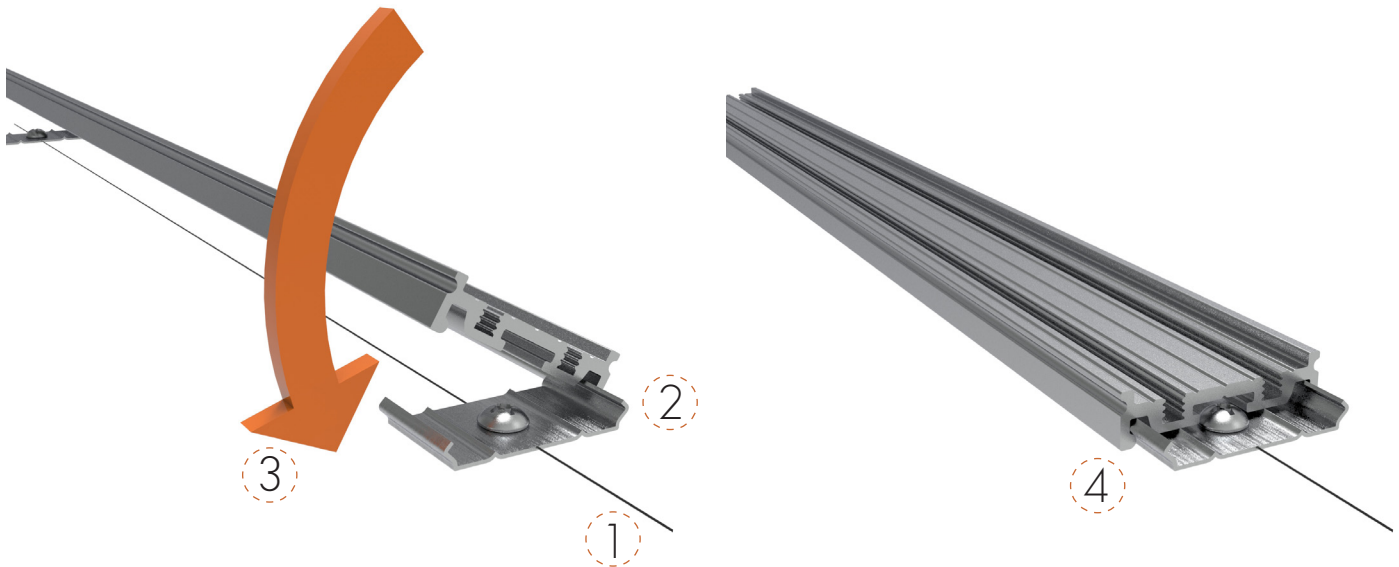


Wiring

GREEN	120 - 277 VAC 50/60HZ	DIM 0-10	GRAY (0-10 -)
BLACK (L)			PURPLE (0-10 +)
WHITE (N)		LED	BLACK (V-) RED (V+)

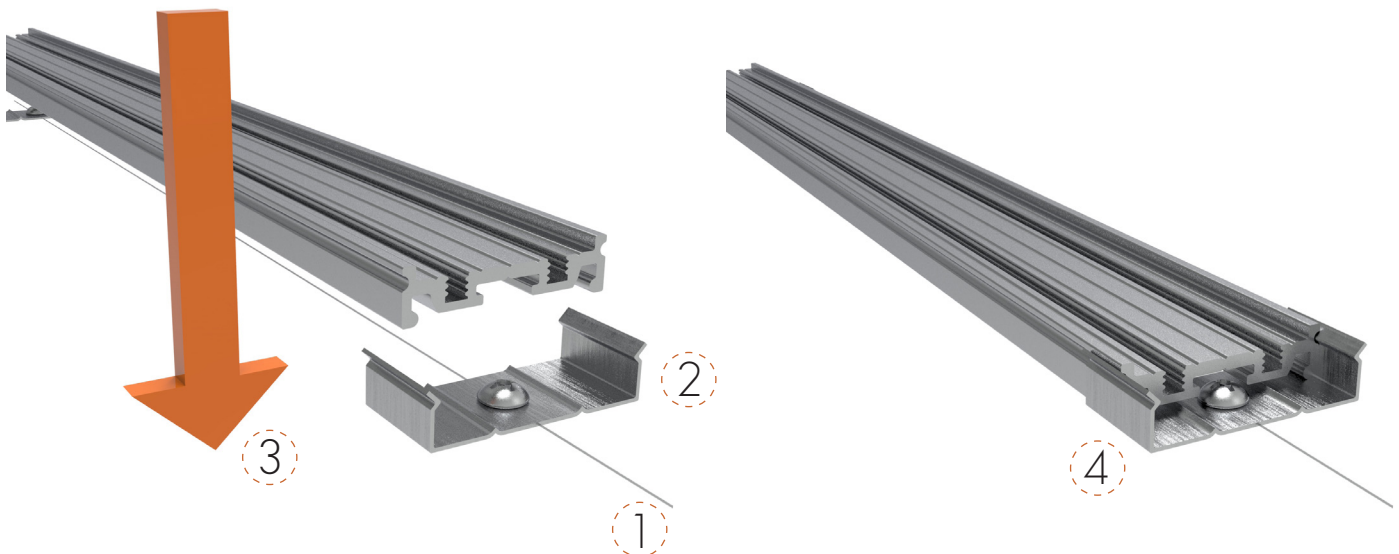


Flush Clip Install



1. Draw / Laser / Chalk a straight line and install clips on mounting plane.
2. Slide one edge of the Fixture against the clip.
3. Rotate Fixture down.
4. Snap the Fixture into the clip.

Blind Clip Install



1. Draw / Laser / Chalk a straight line and install clips on mounting plane.
2. Insert Fixture straight down into the Blind Clip.
3. Push Fixture down.
4. Snap the Fixture into the clip.





Specification Details

INTENSITY	LOW	MEDIUM	HIGH	CCT	RELATIVE LUMINOUS FLUX
Watts / Foot	2.5 W/Ft	5.0 W/Ft	10 W/Ft	2200K	82%
mA / Foot	89 mA/Ft	149 mA/Ft	256 mA/Ft	2700K	100%
No Lens: Lumens/ Foot	450 Lm/Ft	750 Lm/Ft	1250 Lm/Ft	3000K	100%
No Lens: Lumens/ Watt ¹	160 Lm/Wt	157 Lm/Wt	150 Lm/Wt	3500K	115%
Color Temperatures (K)	2200, 2700, 3000, 3500, 4000, 5000			4000K	118%
CRI	90+			5000K	106%
R9	50+				
MacAdams Ellipses	3 Steps				
Beam Angle ²	120 Degrees				
IP Rating	IP20 - Dry Location				
Lamp Life	50,000 Hours				
Dimming / Control ³	0-10 / POE / DMX / LUTRON				
Operating Temperature	-13°F to 122°F				
Warranty	5 Years				
Max Driver Load at 2A	22 Feet	13 Feet	7 Feet		
ETL	Conforms To UL STD 2108 - Certified To CSA STD C22.2 # 250.0				

Ordering Details

- All fixtures come standard with starter end cap feed unless otherwise specified.
- All Scout Select Fixtures come preassembled up to 8 feet long with 8" power feed.
- Any Fixture length under 8 feet long will be made as a complete fixture.
- Any Fixture length over 8 feet long will be broken into 6 foot lengths + the balance length.
I.E. A 10 Foot Fixture will be broken into 1 length @ 6 Feet and 1 @ 4 Feet.
- Fixtures daisy chain together with Scout Lock™ Technology. See figures 1.1 and 1.2 below.
- In situations where fixtures are longer then the maximum wattage load new power will be injected from either the side or rear. Standard Injection is side Feed 1.
- All orders come with an approval drawing. Fabrication will not begin until drawing has been signed off or waived.

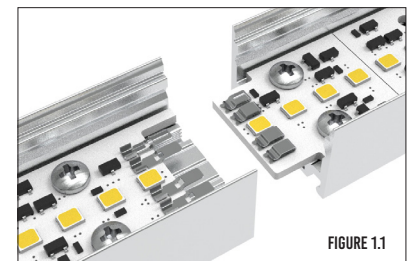


FIGURE 1.1

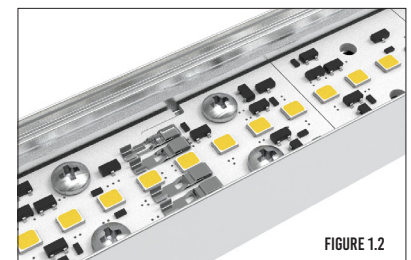


FIGURE 1.2

¹ Lumens / Watt takes into account nominal driver efficacy at full load

² Beam Angle with Milky Lens

³Not all dimmers / drivers compatible contact factory for testing

