

SURFACE GRAZER FIXTURE

STATIC WHITE

Firm: Project: Type: Quantity:







WARRANTY

5 Years

EFFICACY

150 lm / Wt

MACADAM

3 Step

CRI

90+ **R9**

50+

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 #					

I GII	Dullaci								
SS-S	+ OG10	+	+				+	+	+
Prefix	+ Lens	+ Intensity 1	+ CCT +	Finish ²	+ Feed ³ +	Control	+ Mount	+ Blind Cove 4 +	+ Length
Surface Fixture	OG10 Grazer 10x60	L - Low	22 - 2200K	M - Mill	0 - End	0 - None	N - None	N - No	X'Y"
		M - Medium	27 - 2700K	W -White	R - Rear	1 - 0-10	S - Surface Clip	Y - Yes	
		H - High	30 - 3000K	B - Black	1- Side 1	2- DMX	B - Blind Clip		
		LD -	35 - 3500K	Custom RAL #	2 - Side 2	3- POE	T - Tiltable Stand		
		Lume <u>n</u> Dial ¹	40 - 4000K				SM - Surface Magnetic	2	
			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 foott. Contact Factory for more info.

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

³ Feed: See Feed details on page 4

⁴See Blind Cove details on page 5.



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.

OPTICS

Injected Molded Grazer Optic. 10x60 Distribution. Optics cut at 3.75" intervals.

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

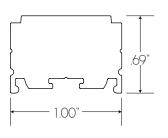
FINISH

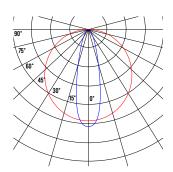
Standard Mill Aluminum Finish.
Powder Coating to any RAL# available upon specification

WARRANTY

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

Dimensions





Grazer Lens: 8% Loss of Light

OUTPUT	LOW	MEDIUM	HIGH
Lumens / Foot	414	690	1150
Watts / Foot	2.8	4.8	8.3
Lumens / Watt	147	144	138

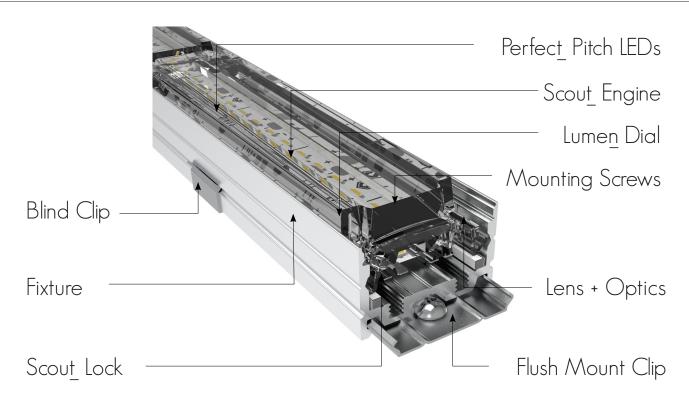
Full Spec info on Page 9

Scout Fixture Offerings





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.

Cuttable to 1/2 Inch

Mounting Screws

No more double sided tape!

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

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

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.

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

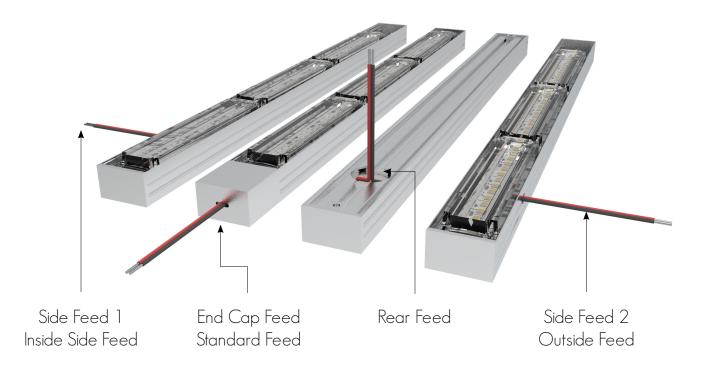
Lens + Optics

Scout offers multiple lens options for you. Frosted lens for maximum output, Milky lens for visible hot-spot free illumination and a 10 degree grazer to make those textured walls pop.





Feed Options



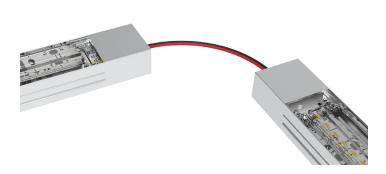
Finish

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

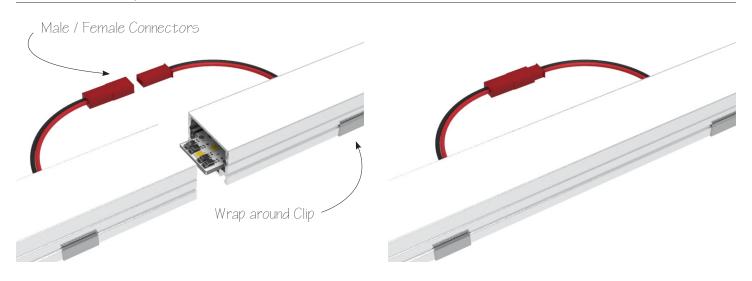


Whether you're turning an angle or daisy chaining the Scout Fixtures can be connected with any length of wire you choose.





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!





Mounting Clips









FLUSH CLIP PART # SSM

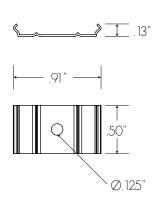
Ships with 1/2" #4 Screw Use #1 Phillips Bit Driver

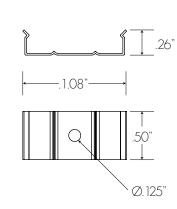


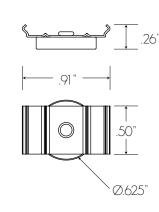
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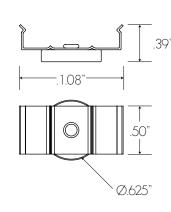
FLUSH CLIP MAGNETIC
PART # SSMMAG

BLIND CLIP MAGNETIC PART # SSBMAG

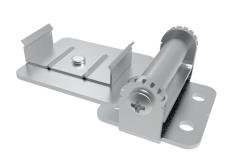






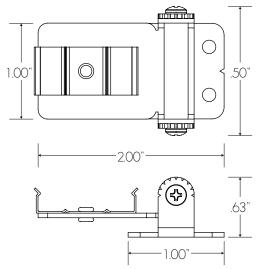


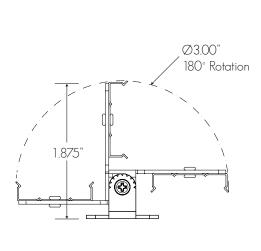
Tiltable Stand



TILTABLE STAND PART # SSBTILT

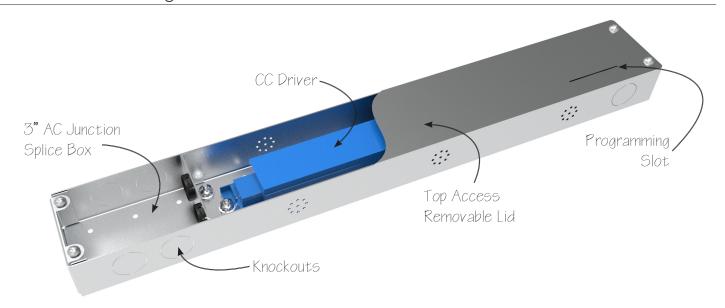
Ships with 1/2" #4 Screw Use #1 Phillips Bit Driver







0-10 Driver + Wiring



Features

- · Compliant with Title 24 Requirements
- Wireless RFID Programming No power required
- O-10V Dimmable Dim Down to 0.1%
- Dim To O Capability
- \bullet 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

Dimensions













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

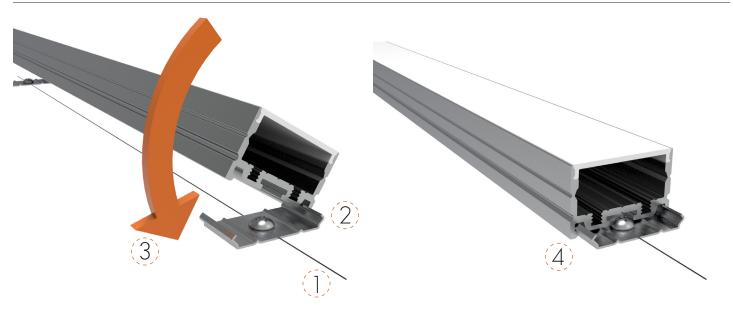
Wiring

-		18.00 —		-
⊕⊕				2.50
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GREEN	100 077	DIM 0-10	GRAY (0-10 -)
DI VCK (I)	120 - 277 Vac	טו־ט וייווע	PURPLE (0-10 +)
BLACK (L)	50/60HZ	LED	BLACK (V-)
WHITE (N)		LED	RED (V+)

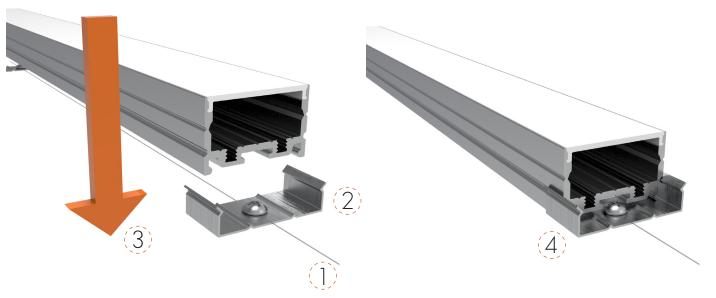


Flush Clip Install



- 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			
Watts / Foot	2.5 W/Ft	5.0 W/Ft	10 W/Ft			
mA / Foot	89 mA/Ft	149 mA/Ft	256 mA/Ft			
Grazer Lens: Lumens/ Foot	414 Lm/Ft	690 Lm/Ft	1150 Lm/Ft			
Grazer Lens: Lumens/ Watt ¹	147 Lm/Wt	144 Lm/Wt	138 Lm/Wt			
Color Temperatures (K)	2200, 2700	0, 3000, 3500, 4	1000, 5000			
CRI		90+				
R9	50+					
MacAdams Ellipses		3 Steps				
Beam Angle ²		120 Degrees				
IP Rating	IF	P20 - Dry Locatio	n			
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		JL STD 2108 - Ce ITD C22.2 # 250.				

CCT	RELATIVE LUMINOUS FLUX
2200K	82%
2700K	100%
3000K	100%
3500K	115%
4000K	118%
5000K	106%

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 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 LockTM 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.







