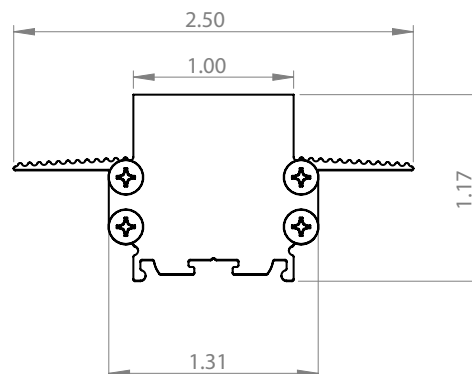
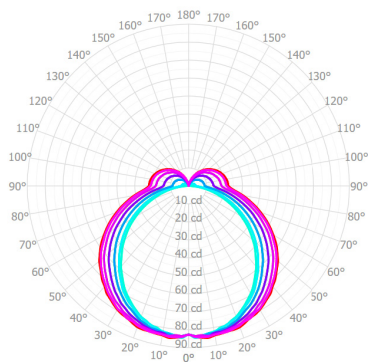


## Dimensions



## Optics

Square Milky



## Spec Lock

- LED specially binned through forward voltage within a 3-step MacAdam ellipse for increased CCT fidelity and smooth lower end dimming.
- Mechanically fastened Rigid PCB set within an extruded aluminum channel for simple installation and total serviceability.
- Pressure fit metal pin connection for solderless in-field connection between LED boards for a seamless appearance.
- Flexible power feed injections maintain LED pitch consistency for a plethora of mounting options.
- Never a shadow, hotspot nor break in light no matter the output and run length.
- No double-sided adhesion (tape) or soldering during installation.



# Mud In Reveal

SCOUT

## Part # Builder

SS-MD +  +  +  +  +  +  +  +  +  +  +

Fixture 1 2 3 4 5 6 7 8 9 10 11

| Fixture  | 1 : Lens   | 2 : Intensity <sup>1</sup>   | 3 : Color Temp   |
|--|--|--|--|
| SS-MD : Mudin Reveal   | SQM : Square Milky                                     | SL : Super Low (115lm/1.6w per ft)<br>L : Low (204lm/2.8w per ft)<br>M : Medium (339lm/4.8w per ft)<br>H : High (575lm/8.3w per ft)<br>SH : Super High (670lm/9.8w per ft)<br>LD : LumenDial (Consult Factory)   | 22 : 2200K<br>27 : 2700K<br>30 : 3000K<br>35 : 3500K<br>40 : 4000K<br>50 : 5000K<br>TW2235: 22K-35K<br>TW2750: 27K-50K |
| 4 : Finish <sup>2</sup>  | 5 : Feed <sup>3</sup>                                  | 6 : Control  | 7 : Mounting   |
| M : Mill Finish<br>W : Gloss White (Cost Adder)<br>B : Matte Black (Cost Adder)<br>C : Custom RAL#<br>(Cost Adder - Consult Factory) | RF : Rear Feed   | 0 : None<br>1 : 0-10 -1% Dimming<br>2 : 0-10 - 0.1% Dimming<br>3 : DMX/ DALI<br>4 : POE<br>5 :ELV / MLV / Phase<br>6 : 0-10 Tuneable White<br>7 : 0-10 Warm Dim<br>8 : Lutron Hi-Lume 1% Ecosystem W/ SO-FTB<br>9: Lutron Hi Lume 1% 3 Wire + G<br>10: Lutron Athena Wireless Node - RF Only<br>11: Casambi<br>12: nLyte<br>13: Enlighted<br>14: Other - Consult Factory | N : None   |
| 8 : Blind Cove <sup>4</sup>  | 9 : Wire Length  | 10 : Shape   | 11 : Fixture Length  |
| Y : Yes<br>N : No  | 12"<br>24"<br>48"<br>96"<br>Custom - (Consult Factory) | S - Straight<br>U - U Shape<br>L - L Shape<br>R - Rectangle<br>P - Pattern (Consult Factory)   | X' Y"  |

## Square Milky

| OUTPUT      | SL  | L   | M   | H   | SH  |
|-------------|-----|-----|-----|-----|-----|
| Lumens/Foot | 115 | 204 | 339 | 575 | 670 |
| Watts/ Foot | 1.6 | 2.8 | 4.8 | 8.3 | 9.8 |
| Lumens/Watt | 73  | 72  | 71  | 69  | 68  |



Driver Wiring



Installation Guide

## Specification Details

|   | LENS   | LIGHT LOSS | VISIBLE DIODES | SUPER LOW | LOW                           | MEDIUM  | HIGH   | SUPER HIGH |
|---|--|------------|----------------|-----------|-------------------------------|---------|--------|------------|
| Watts / Foot                              | N/A  |            |                | 1.6       | 2.8                           | 4.8     | 8.3    | 9.8        |
| mA / Foot                                 | N/A  |            |                | 50        | 89                            | 149     | 256    | 300        |
| Square Milky: Lumens / Foot               | Milky  | 50%        | No             | 115       | 204                           | 339     | 575    | 670        |
| Square Milky : Lumens / Watt <sup>1</sup> | Milky  | 50%        | No             | 73        | 72                            | 71      | 69     | 68         |
| 0-10 / Lutron Athena Node                 | Max Output 2000mA  |            |                | 40 Feet   | 20 Feet                       | 12 Feet | 6 Feet | 4 Feet     |
| Phase                                     | Max Output 700mA   |            |                | 14 Feet   | 7 Feet                        | 4 Feet  | 2 Feet | 1 Foot     |
| DMX/DALI                                  | Consult Factory  |            |                |           |                               |         |        |            |
| POE                                       | Consult Factory  |            |                |           |                               |         |        |            |
| Lutron Drivers                            | LDE1<br>Hi-Lume 1% EcoSystem. Soft On<br>Fade to Black                       |            |                |           | L3DA3W<br>Hi-Lume 1% 3 WIRE+G |         |        |            |
| Color Temperatures (K) + Flux             | 2200 (82%), 2700 (100%), 3000 (100%), 3500 (115%) , 4000 (118%), 5000 (106%) |            |                |           |                               |         |        |            |
| CRI                                       | 90+  |            |                |           |                               |         |        |            |
| R9  | 50+  |            |                |           |                               |         |        |            |
| MacAdams Ellipses                         | 3 Steps  |            |                |           |                               |         |        |            |
| Beam Angle <sup>2</sup>                   | 120 Degrees  |            |                |           |                               |         |        |            |
| IP Rating                                 | IP20 - Dry Location  |            |                |           |                               |         |        |            |
| Lamp Life                                 | 50,000 Hours   |            |                |           |                               |         |        |            |
| Dimming / Control <sup>3</sup>            | 0-10 / POE / DMX / DALI / PHASE / LUTRON / LUTRON WIRELESS                   |            |                |           |                               |         |        |            |
| Operating Temperature                     | -13°F to 122°F   |            |                |           |                               |         |        |            |

### FINISH

Standard Mill Aluminum Finish.  
Powder Coating to any RAL# available upon specification  
Increased pricing for powder coating.

### Warranty

2 Year Limited Warranty - Covers all Scout manufactured products.  
Default to manufactures warranty for all 3rd party components. Does not cover labor.

### ORDER 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. A 10 Foot Fixture will be broken into 1 length @ 6 Feet and 1 @ 4 Feet.
- Fixtures daisy chain together with Scout Lock™ Technology.
- 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.

<sup>1</sup> Lumens / Watt accounts nominal driver efficacy at full load

<sup>2</sup> Finish: Mill Finish comes standard. Cost Adder for Power Coating. Contact Factory for Custom RAL#

<sup>3</sup> Feed: See Feed Detail's on page 4

### 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

Extruded High Transmission Milky Acrylic Lens with No LED imaging. Extruded High Transmission Frosted Acrylic Lens with LED imaging.

### ELECTRICAL

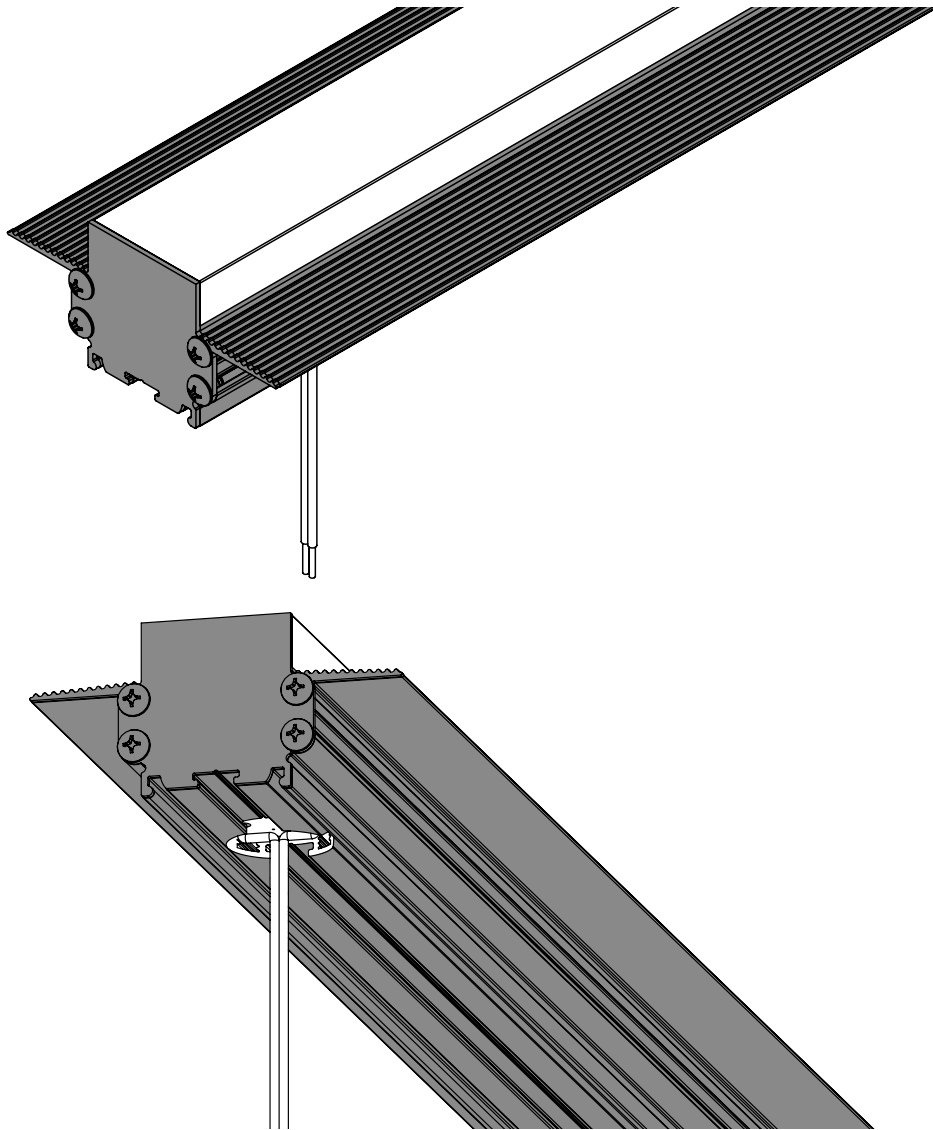
Fixture comes reassembled with 8" whip.  
All Drivers are installed in remote location.  
All drivers are Universal input 120-277 VAC.  
Standard Constant Current drivers include 0-10V dimming preinstalled in enclosure.

### LABELS

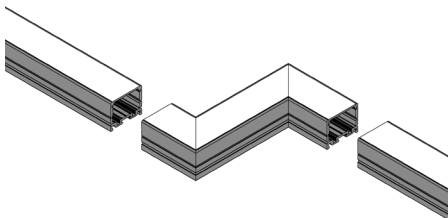
Conforms To UL STD 2108 Certified To CSA STD C22.2 # 250.0  
Suitable for Dry or Damp Locations, indoor use only.  
ETL Control # 5011600

## Feed Points

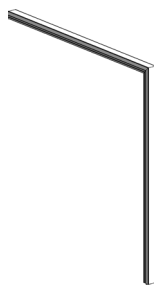
Rear Feed



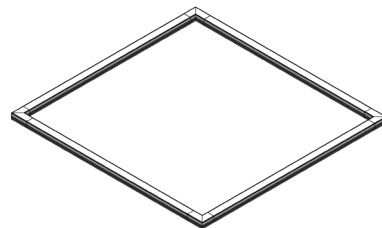
## Patterns



Custom patterns



Changing elevations



Coplanar surfaces