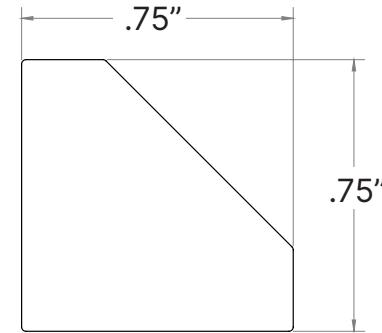
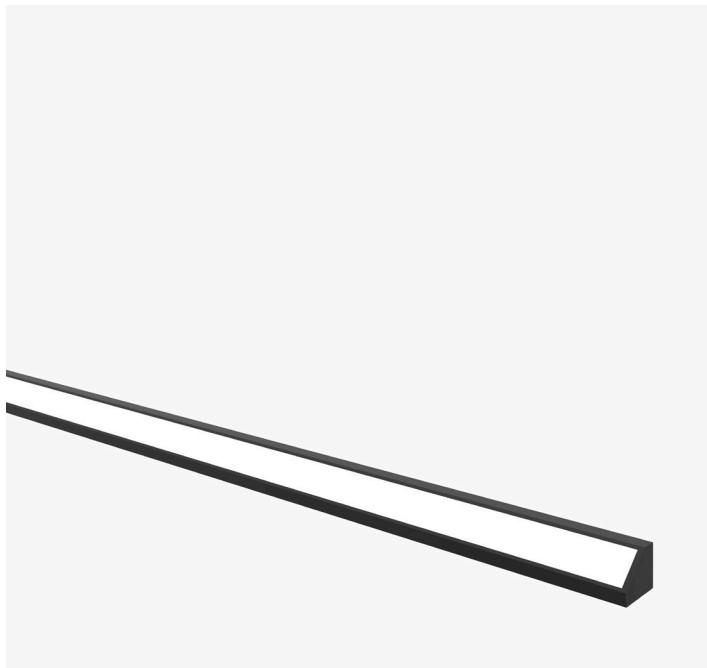
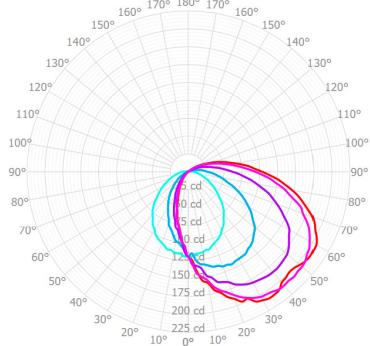


## Dimensions



## Optics



## Spec Lock

- LED specially binned through forward voltage within a 3-step MacAdam ellipse for increased CCT fidelity and smooth lower end dimming.
- 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.



# FlexDuo Corner

SCOUT

## Part # Builder

|         |   |   |   |   |   |   |   |   |   |    |    |
|---------|---|---|---|---|---|---|---|---|---|----|----|
| Fixture | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| FD-C    |   |   |   |   |   |   |   |   |   |    |    |

| Fixture                     | 1 : Lens  | 2 : Intensity <sup>1</sup>   | 3 : Color Temp  |
|-----------------------------|---|--|---|
| FD-C : FlexDuo Corner       | FF : Flat Frosted<br>Visible Does 5% Loss<br>FM : Flat Milky<br>Non Visible Diodes 50% Loss | L : Low (300lm/2.2w per ft - Nominal)<br>H : High (600lm/4.4w per ft - Nominal)  | 27 : 2700K*<br>30 : 3000K<br>35 : 3500K<br><br>*End Feed only |
| 4 : Finish <sup>2</sup>     | 5 : Feed <sup>3</sup>   | 6 : Control  | 7 : Mounting  |
| N : None                    | EF : End Feed*<br>RF : Rear Feed<br>SF1 : Side Feed 1<br><br>*Refer to Color Temp selection | 0 : None<br>1 : 0-10 -1% Dimming<br>3 : DMX/ DALI<br>4 : POE<br>5 : ELV / MLV / Phase<br>6 : Lutron Hi-Lume 1% Ecosystem W/ SO-FTB<br>7 : Lutron Hi-Lume 1% 3 Wire + G<br>8 : Lutron Athena Wireless Node - RF Only<br>9 : Casambi<br>10 : nLyte<br>11 : Enlighted<br>12 : Other - Consult Factory | E : External Mounting Clip                                    |
| 8 : Blind Cove <sup>4</sup> | 9 : Wire Length   | 10 : Shape   | 11 : Fixture Length   |
| N : No<br>Y : Yes           | 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"   |

### Flat Frosted : Visible Diodes - 5% Light Loss

| OUTPUT      | L   | H   |
|-------------|-----|-----|
| Lumens/Foot | 285 | 570 |
| Watts/ Foot | 2.2 | 4.4 |
| Lumens/Watt | 129 | 129 |

### Flat Milky : No Imaging - 50% Light Loss

| OUTPUT      | L   | H   |
|-------------|-----|-----|
| Lumens/Foot | 158 | 315 |
| Watts/ Foot | 2.2 | 4.4 |
| Lumens/Watt | 72  | 72  |

# FlexDuo Corner

SCOUT

## Specification Details

|                                | LENS   | LIGHT LOSS          | VISIBLE DIODES |  | LOW      | High     |  |  |
|--------------------------------|--|---------------------|----------------|--|----------|----------|--|--|
| Voltage                        |  | N/A                 |                |  | 24VDC CV | 24VDC CV |  |  |
| Watts / Foot                   |  | N/A                 |                |  | 2.2      | 4.4      |  |  |
| mA / Foot                      |  | N/A                 |                |  | 92       | 184      |  |  |
| Frosted Lens: Lumens / Foot    | Frosted  | 5%                  | Yes            |  | 285      | 570      |  |  |
| Frosted Lens: Lumens / Watt    | Frosted  | 5%                  | Yes            |  | 129      | 129      |  |  |
| Milky Lens: Lumens / Foot      | Milky  | 50%                 | No             |  | 158      | 315      |  |  |
| Milky Lens: Lumens / Watt      | Milky  | 50%                 | No             |  | 72       | 72       |  |  |
| 0-10 / Lutron Athena Node      |  | Max Load @ 96 Watts |                |  | 40 Feet  | 20 Feet  |  |  |
| DMX / DALI                     |  | Max Load @ 96 Watts |                |  | 40 Feet  | 20 Feet  |  |  |
| Phase                          |  | Max Load @ 96 Watts |                |  | 40 Feet  | 20 Feet  |  |  |
| 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  |  |                     |                | 2700 (100%), 3000 (100%), 3500 (115%)                      |          |          |  |  |
| Max Run Length                 |  |                     |                | Low : 40 Feet / High : 20 Feet                             |          |          |  |  |
| Cutting Point                  |  |                     |                | 2" Cutting Points  |          |          |  |  |
| 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.
- 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 Powder Coating. Contact Factory for Custom RAL#

### 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 2700K, 3000K, 3500K 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 Voltage 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