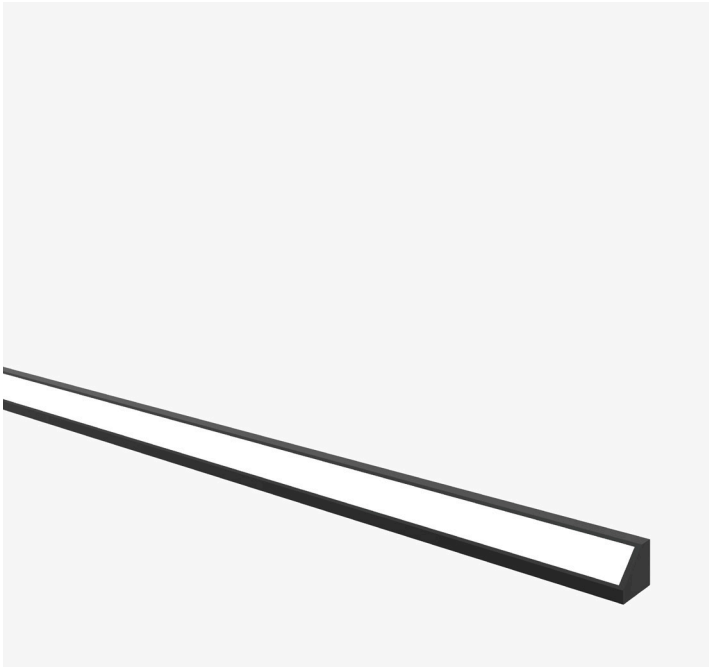
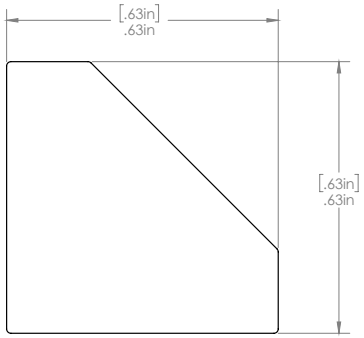
FlexDuo Corner

SCOUT

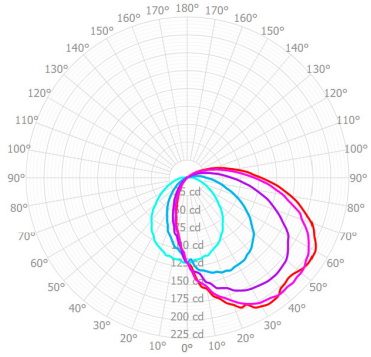


Dimensions



Optics

Flat 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.

Part # Builder

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

Fixture	1 : Lens	2 : Intensity [1]	3 : Color Temp
FD-C : Zip Corner	FM : Flat Milky	L : Low (388lm/2.8w per ft) H : High (1092lm/8.3w per ft)	27 : 2700K 30 : 3000K 35 : 3500K
4 : Finish [2]	**5 : Feed [3]**	**6 : Control**	**7 : Mounting**
N : None	EF : End Feed RF : Rear Feed SF1 : Side Feed 1	0 : None 1 : 0-10 -1% Dimming 2 : 0-10 - 0.1% Dimming 3 : DMX/ DALI 4 : POE 5 :ELV / MLV / Phase 6 : 0-10 Tuneable White 7 : 0-10 Warm Dim 8 : Lutron Hi-Lume 1% Ecosystem W/ SO-FTB 9: Lutron Hi Lume 1% 3 Wire + G 10: Lutron Athena Wireless Node - RF Only 11: Casambi 12: nLyte 13: Enlighted 14: Other - Consult Factory	N : None E : External
8 : Blind Cove [4]	**9 : Wire Length**	**10 : Shape**	**11 : Fixture Length**
N : No	12” 24” 48” 96” Custom - (Consult Factory)	S - Straight U - U Shape L - L Shape R - Rectangle P - Pattern (Consult Factory)	X’ Y”

Flat Milky : No Imaging - 50% Light Loss

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

Scout Lighting reserves the right to modify this specification without prior notice. **Updated 6/29/23**

Specification Details

	LENS	LIGHT LOSS	VISIBLE DIODES		LOW	High		
Watts / Foot	N/A				2.2	4.4		
mA / Foot	N/A				92	184		
Lumens / Watt	N/A				136	136		
No Lens: Lumens / Foot	None	0%	No		288	576		
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 Hi-Lume 1% EcoSystem. Soft On Fade to Black				L3DA3W Hi-Lume 1% 3 WIRE+G			
Color Temperatures (K) + Flux	2700 (100%), 3000 (100%), 3500 (115%)							
Max Run Length	20 Feet							
CRI	90+							
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 / 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 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_ LockTM 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.

[1] Lumens / Watt accounts nominal driver efficacy at full load
[2] Finish: Mill Finish comes standard. Cost Adder for Power Coating. Contact Factory for Custom RAL#
[3] 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 Voltage drivers include 0-10V dimming preinstalled in enclosure.

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

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