

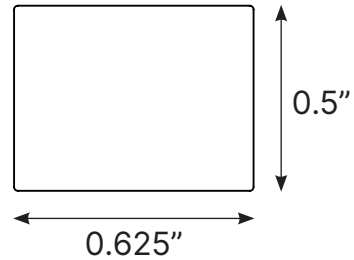


Optics

- See Page 3

Dimensions

- Full dimensions on page 4



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.
- Feed from either the end, side or rear of tape light.



Part # Builder

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

Fixture	1 : Lens	2 : Intensity ¹	3 : Color Temp
FD-O : FlexDuo Optic	1 : 35 × 85 2 : 45 × 85 3 : 55 × 95 4 : Asymmetric 25 5 : Under Cabinet 6 : 145 × 100 Bat Wing	L : Low (255lm/2.2w per ft) H : High (510lm/4.4w per ft)	27 : 2700K* 30 : 3000K 35 : 3500K *End Feed only
4 : Finish ²	5 : Feed ³	6 : Control	7 : Mounting
N : None	EF : End Feed* RF : Rear Feed SF1 : Side Feed 1 *Refer to Color Temp selection	0 : None 1 : 0-10 -1% Dimming 3 : DMX/ DALI 4 : POE 5 : ELV / MLV / Phase 6 : Lutron Hi-Lume 1% Ecosystem W/ SO-FTB 7 : Lutron Hi-Lume 1% 3 Wire + G 8 : Lutron Athena Wireless Node - RF Only 9 : Casambi 10 : nLyte 11 : Enlighted 12 : Other - Consult Factory	E : External Mounting Clip
8 : Blind Cove ⁴	9 : Wire Length	10 : Shape	11 : Fixture Length
N : No Y : Yes	12" 24" 48" 96" Custom - (Consult Factory)	S - Straight U - U Shape L - L Shape R - Rectangle P - Pattern (Consult Factory)	X' Y"

Optic : Some Imaging - 15% Light Loss

OUTPUT	L	H
Lumens/Foot	255	510
Watts/ Foot	2.2	4.4
Lumens/Watt	116	116

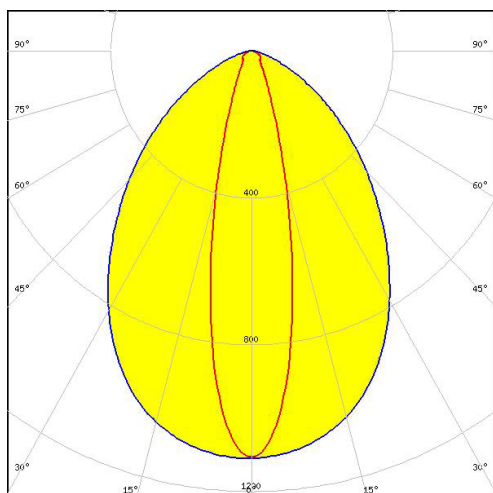


Driver Wiring

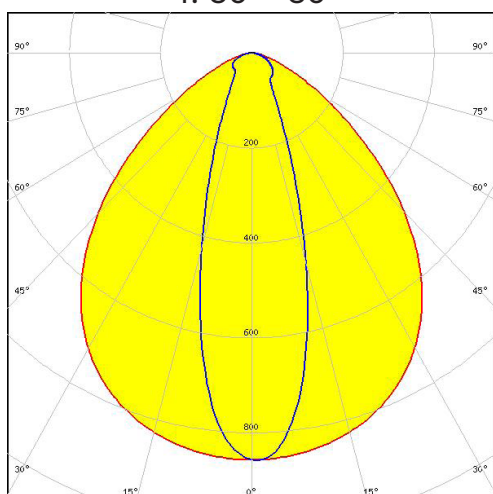


Installation Guide

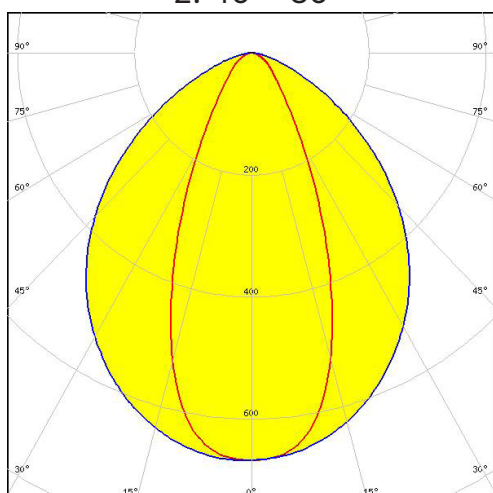
Optics



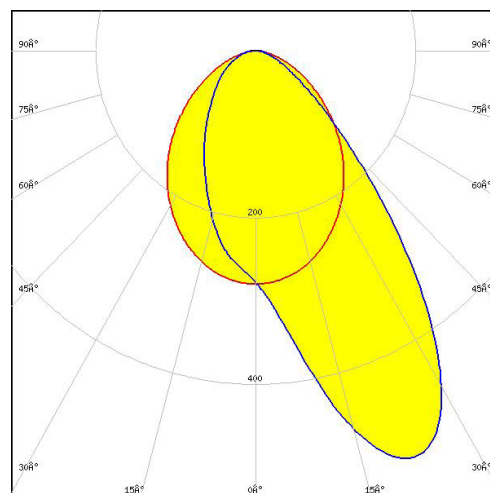
1. 35 × 85



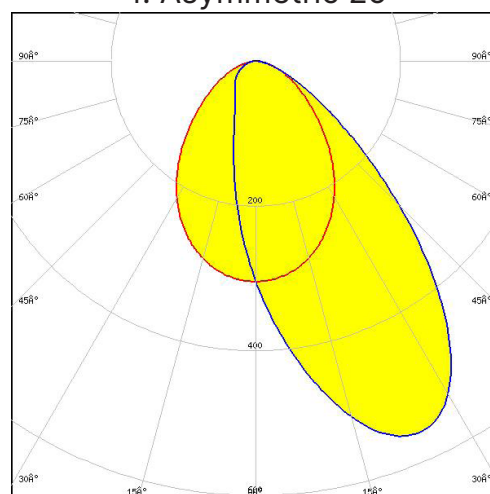
2. 45 × 85



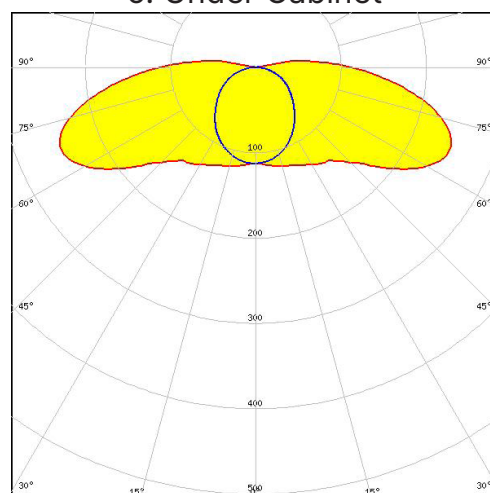
3. 55 × 95



4. Asymmetric 25

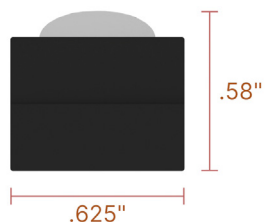


5. Under Cabinet

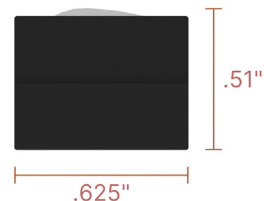


6. 145 × 100 Bat Wing

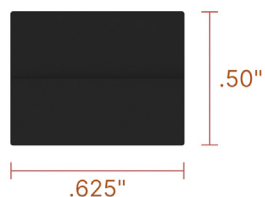
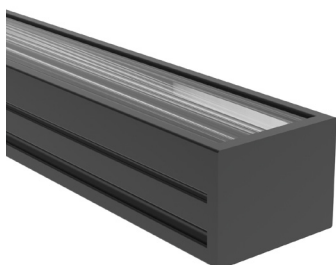
Dimensions



1. 35 × 85



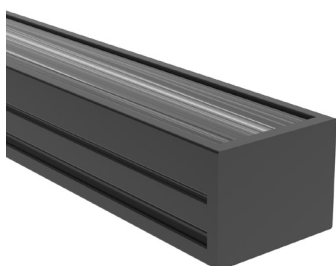
4. Asymmetric 25



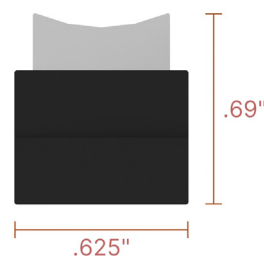
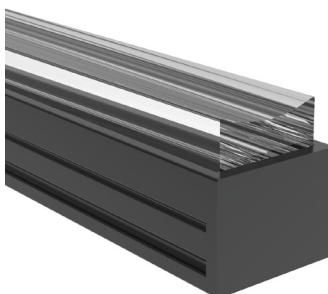
2. 45 × 85



5. Under Cabinet



3. 55 × 95



6. 145 × 100 Bat Wing

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		
Lumens / Watt	N/A					116	116		
Optic Lens: Lumens / Foot	None	15%	Some			255	510		
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	Low : 40 Feet / High : 20 Feet								
Cutting Point	2" Cutting Points								
CRI	90+								
R9	50+								
MacAdams Ellipses	3 Steps								
Beam Angle ²	Dependant on Optic								
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 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.

¹Lumens / Watt accounts nominal driver efficacy at full load

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

³Feed: 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 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 PMMA Lens with some 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