

## LEDSCAPE FLEX PRO OPTIC IP40/IP65/IP67

LEDscape LED OPTICS LED strip (IP67) is a high quality, flexible LED strips with a unique, diffus co-extrusion technology that allows horizontal and vertical bending. The combination of high quality and exceptional flexibility, allows for an endless range of indoor and outdoor applications. The LEDscape offers a pre-assembled mirror welded connector for instant waterproof IP67 usage.

### PRODUCT HIGHLIGHTS

- **BINNING:** ±50K
- **CRI:** 90+
- **EXPECTED LIFETIME:** L70 > 50,000 hours
- **OPERATING TEMP:** 22°F – 131°F (-30°C – 55°C)
- **RATING:** UL
- **Operating Wattage:** 6 watt/foot
- **CORD LENGTH EXPECTED:** 3
- **OPERATING VOLTAGE:** 24V, constant voltage
- **WARRANTY:** 5 year
- **FEATURES:** Dimmable, Plug & Play, Assorted colors, Accessories available, Effective heat dissipation, Excellent lumen/watt ratio, very flexible, custom output, custom colors.

### AVAILABLE COLORS

- Extra Warm White 2700K
- Warm White 3000K
- Cool White 3500K
- Natural White 4000K
- Daylight White 5000K
- Cold White 6500K
- Custom

### CHARACTERISTICS

Power	Asymmetric	Length Inc. <sup>1</sup>	Max Run Length <sup>2</sup>	Dimming
<b>FLEX-PRO-0</b> 6.0 w/	540 lm/	6.0 in	33	Low Voltage/ 0-10V

**Notes:**  
**1. Length Increments:** Refers to the Strip's cuttable segments.  
**2. Max Run Length:** Refers to the Strip's total run lengths from the connector to the end, including interconnected lengths. Example: If ordering 40 FT, you will receive 2 EA 20 FT Lengths.

Lumen calculated at 4000K. Circuits with LEDscape product must have surge protection to qualify for 5 year warranty. LEDscape reserves the right to modify the information above without notice.

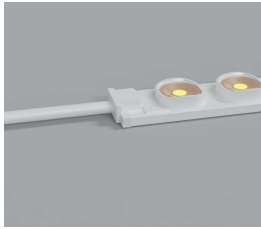
### ORDERING CHART

Example: 10-FLEX-OA-45-27-AC

Length	LED Stock Code	Series	Beam Angle		Color		Environment		Mounting	
1-33 <small>NOTE: Refer to Max Run lengths below for each lumen option. If total exceeds, you will receive multiple pieces. Example: 40 ft = (2) 20</small>	FLEX LED Strip (Outdoor IP67)	Pro-0 (Pro Series Optic)	10	10°	27	2700k	40	IP40	AC	Aluminum Channel
			30	30°	30	3000k	67	IP67	ADJ	Adjustable Channel
			45	45° Asymmetric	35	3500k			SC	Saddle Clip
					40	4000k				
					50	5000k				
					65	6500k				
					CU	Custom Color				

**Notes:**  
Product sold PER FOOT. Stock code may differ from UL/ETL certification, consult factory if required.

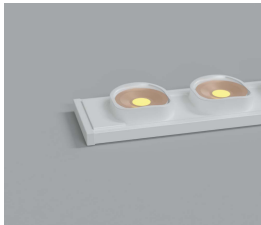
**CONNECTORS**



**S67 STRAIGHT CONNECTOR SET IP67**  
Part #: Flex-Pro-0-Conn-S67  
Cord length: 3  
Dimensions: 0.31 L x 0.78 W x 0.43 H inches



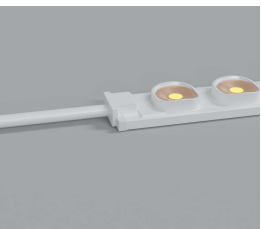
**JMP67 JUMPERSET IP67**  
Part #: Flex-Pro-0-Jmp67  
Cord length: 6 in  
Part #: Flex-OA-Jmp67-XX  
XX : Select Length (inches)  
Dimensions: 0.31 L x 0.78 W x 0.43 H inches



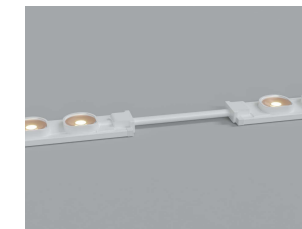
**EC67 END CAP IP67**  
Part #: Flex-Pro-0-EC67  
Dimensions: 0.31 L x 0.78 W x 0.43 H inches



**END CAP IP40/IP65**  
(installed in-field)  
Part #: Flex-Pro-0-EC40/65  
Dimensions: 0.31 L x 0.78 W x 0.43 H inches



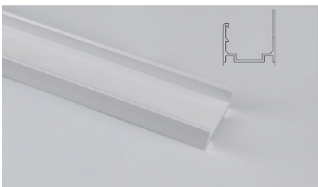
**S40 STRAIGHT CONNECTOR SET IP40**  
(installed in-field)  
Part #: Flex-Pro-0-Conn-S40  
Cord length: 3  
Dimensions: 0.81 W x 0.46 H inches



**JUMPER SET IP40**  
(installed in-field)  
Part #: Flex-Pro-0-JMP40  
Cord length: 6 in  
Dimensions: 0.81 W x 0.46 H inches

**Note:** IP67 Connector ships factory assembled with corresponding end cap. Customer may elect to cut and use IP40/65 end cap in the field, but installed assumes all responsibility for correct waterproofing and does not fall under factory warrant.

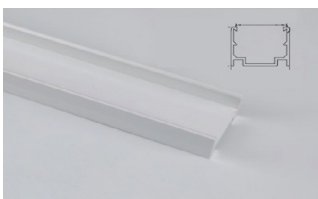
**MOUNTING**



**ALUMINUM CHANNEL**  
(use with 45 degree only)  
Part # 3-Flex-OA-AC  
Length: 3  
Dimensions: 0.93 W x 0.90 H inches



**ROTARY CLIP (use w/ channel)**  
Part # Flex-OA-RClip (set of 2)

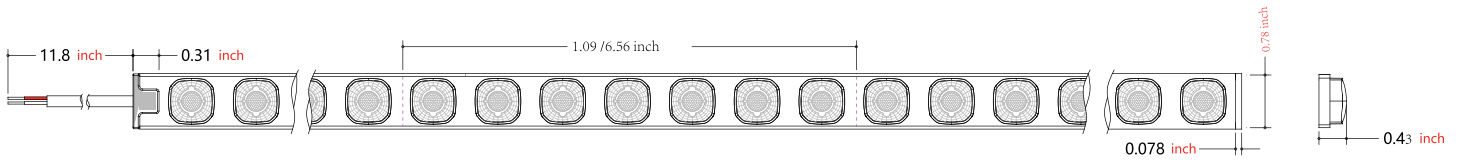


**ALUMINUM CHANNEL**  
Part # 3-Flex-Pro-0-AC  
Length: 3  
Dimensions: 0.93 W x 0.81 H inches

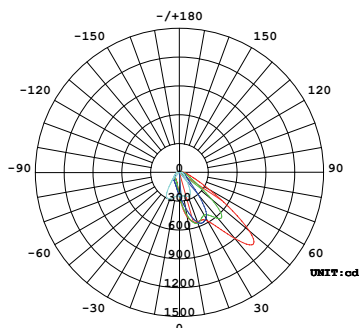


**SADDLE CLIP**  
Part # Flex-OA-SC (10/pk)

## CHARACTERISTICS



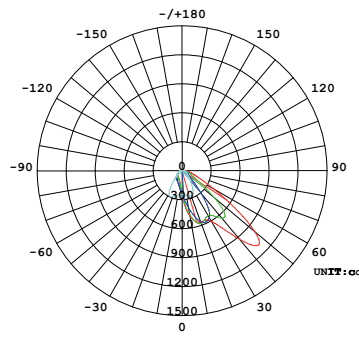
### 2700K



AVERAGE BEAM ANGLE (50%) : 51.7 DEG

- C0/180, 40.7 Ic=1070
- C30/210, 48.8 Ic=642.1
- C60/240, 36.3 Ic=574.8
- C90/270, 80.8 Ic=241.9

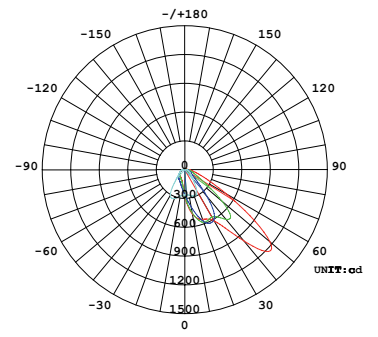
### 3000K



AVERAGE BEAM ANGLE (50%) : 51.5 DEG

- C0/180, 40.6 Ic=1102
- C30/210, 48.7 Ic=650.3
- C60/240, 36.5 Ic=583.3
- C90/270, 80.4 Ic=246.9

### 4000K



AVERAGE BEAM ANGLE (50%) : 49.2 DEG

- C0/180, 28.0 Ic=1235
- C30/210, 49.3 Ic=695.8
- C60/240, 37.2 Ic=616.5
- C90/270, 82.4 Ic=261.9

Flux out: 123.9 lm

Height	Eavg, Emax	Angle: 40.71deg	Diameter
1m	267.7, 482.8lx		74.19cm
2m	66.93, 120.7lx		148.38cm
3m	29.75, 53.64lx		222.57cm
4m	16.73, 30.17lx		296.77cm
5m	10.71, 19.31lx		370.96cm
6m	7.437, 13.41lx		445.15cm
7m	5.464, 9.852lx		519.34cm
8m	4.183, 7.543lx		593.53cm
9m	3.305, 5.960lx		667.72cm
10m	2.677, 4.828lx		741.92cm

Flux out: 126.1 lm

Height	Eavg, Emax	Angle: 40.59deg	Diameter
1m	272.4, 497.3lx		73.95cm
2m	68.10, 124.3lx		147.91cm
3m	30.27, 55.25lx		221.86cm
4m	17.03, 31.08lx		295.81cm
5m	10.90, 19.89lx		369.77cm
6m	7.567, 13.81lx		443.72cm
7m	5.560, 10.15lx		517.67cm
8m	4.257, 7.770lx		591.63cm
9m	3.363, 6.139lx		665.58cm
10m	2.724, 4.973lx		739.53cm

Flux out: 62.93 lm

Height	Eavg, Emax	Angle: 28.01deg	Diameter
1m	279.0, 484.2lx		49.89cm
2m	69.75, 121.0lx		99.78cm
3m	31.00, 53.80lx		149.66cm
4m	17.44, 30.26lx		199.55cm
5m	11.16, 19.37lx		249.44cm
6m	7.750, 13.45lx		299.33cm
7m	5.694, 9.882lx		349.22cm
8m	4.359, 7.566lx		399.10cm
9m	3.444, 5.976lx		448.99cm
10m	2.790, 4.842lx		498.88cm



## LEDSCAPE OUTDOOR POWER SUPPLY

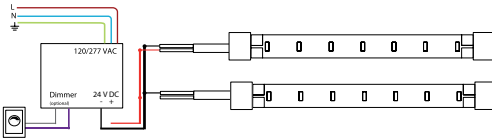
The LEDscape Series of Constant Voltage Class 2 LED Drivers from offers both cET us style enclosures. The enclosure has a built-in junction box on both the input and output. These drivers are IP68 and are suitable for all locations. With universal input voltage ranging from 120 to 277VAC, this series of drivers are designed for commercial, industrial and residential applications. Our 5in1 smooth flicker-free linear dimming down to 1% and a wide variety of compatible dimmers, including 0-10V, Magnetic and Low voltage.

### PRODUCT HIGHLIGHTS

- **INPUT VOLTAGE:** 120/277 V
- **OUTPUT VOLTAGE:** Variable 18-25V
- **INPUT FREQUENCY:** 50/60 HZ
- **OPERATING TEMP:** -13°F – 104°F
- **DEGREE OF PROTECTION (IP):** IP68
- **DIMMABLE:** to 1%
- **CLASS 2:** All sizes
- **LOAD REQUIREMENTS:** 10%

Note: If using outdoor, verify contractor use included water and moisture tight enclosure. Not direct burial rated.

### POWER AND CONNECTION DIAGRAM



**POWER SUPPLY** = Product Wattage X Length

24 Nominal supply voltage of LEDscape in Volt  
Recommended MAC output of power supply 80%

To calculate MAX run distance from Power Supply to LED reference power drop chart : [Here](#).

### CHARACTERISTICS

Power	Output Current	Efficien	Power Factor	Dimensions
30W	1250mA	> 86%	>0.95	7.50" L X 3.62" W X 1.65"H
60W	2600mA	> 86%	>0.95	7.50" L X 3.62" W X 1.65"H
96W	4800mA	> 86%	>0.95	8.50" L X 3.66" W X 1.65"H
120W (2x60 watt)	5000mA	> 86%	>0.93	10.15" L X 4.85" W X 1.65"H
192W (2x96 watt)	8000mA	> 86%	>0.93	10.15" L X 4.85" W X 1.65"H
288W (3x96 watt)	8000mA	> 86%	>0.93	12.44" L X 4.85" W X 1.65" H
384W (4x96 watt)	16000mA	> 86%	>0.93	12.44" L X 4.85" W X 1.65" H

### ORDERING CHART

**NOTE:** View additional options [here](#).

**Ordering Example:** PS-24-0-D3-60-U

Series		Output Voltage		Environment		Dimming		Wattage		Voltage Input	
PS	Power supply	24	24V	0	Outdoor/Indoor	ND	Non Dimming	30	10-30W	U	120/277V
						D3	5 in 1 Dimming	60	31-60W		
								96	61-96W		
								120	97-120W		
								192	121-192W		
								288	193-288W		
								384	289-384W		
								CU	Custom Output		

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