

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:** $\pm 50K$
- 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.

CHARACTERISTICS

Power	Asymmetric	Length Inc. ¹	Max Run Length ²	Dimming
FLEX-PRO-O 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.

AVAILABLE COLORS

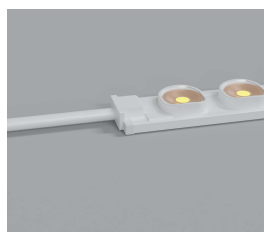
- Extra Warm White 2700K
- Warm White 3000K
- Cool White 3500K
- Natural White 4000K
- Daylight White 5000k
- Cold White 6500K
- Custom

ORDERING CHART

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

Length	LED Stock Code	Series	Beam Angle		Color		Environment		Mounting	
1-33 NOTE: Refer to Max Run lengths below for each lumen option. If total exceeds, you will receive multiple pieces. Example: 40 ft = (2) 20	FLEX LED Strip (Outdoor IP67)	Pro-O (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-O-Conn-S67

Cord length: 3

Dimensions: 0.31 L x 0.78 W x 0.43 H inches



JMP67 JUMPERSET IP67

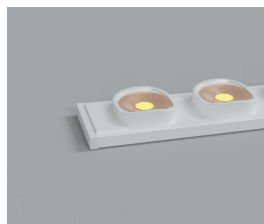
Part #: Flex-Pro-O-Jmp67

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-O-EC67

Dimensions: 0.31 L x 0.78 W x 0.43 H inches

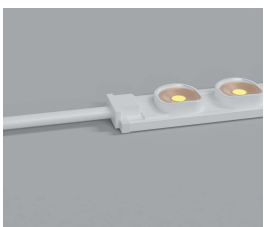


END CAP IP40/IP65

(installed in-field)

Part #: Flex-Pro-O-EC40/65

Dimensions: 0.31 L x 0.78 W x 0.43 H inches



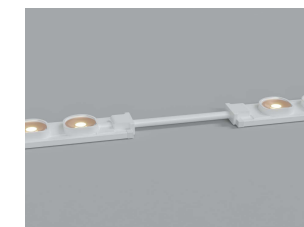
S40 STRAIGHT CONNECTOR SET IP40

(installed in-field)

Part #: Flex-Pro-O-Conn-S40

Cord length: 3

Dimensions: 0.81 W x 0.46 H inches



JUMPER SET IP40

(installed in-field)

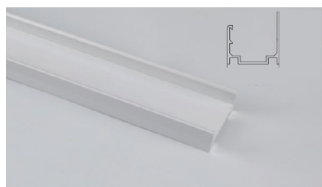
Part #: Flex-Pro-O-JMP40

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

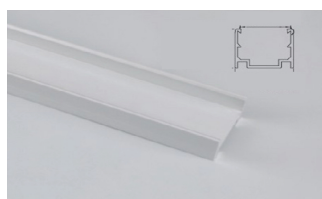
Length: 3

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-O-AC

Length: 3

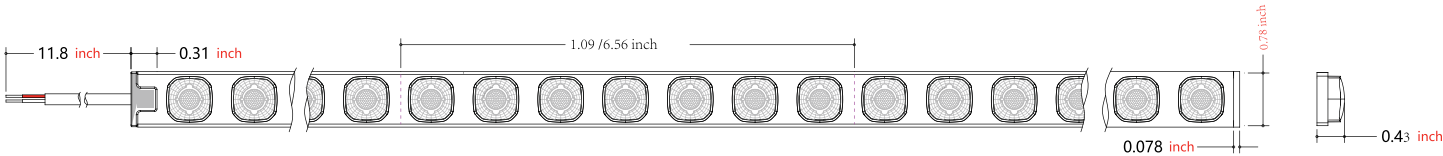
Dimensions: 0.93 W x 0.81 H inches



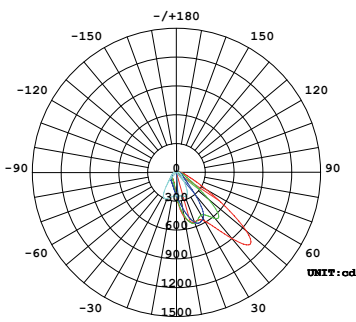
SADDLE CLIP

Part # Flex-OA-SC (10/pk)

CHARACTERSTICS



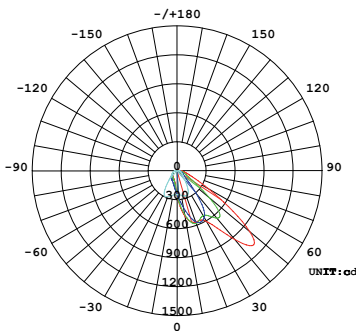
2700K



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

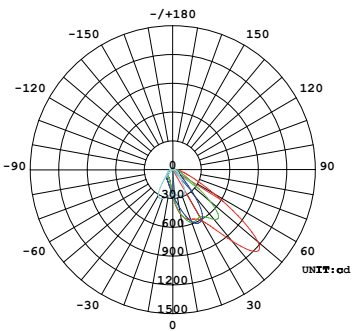
3000K



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

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

Height Eavg, Emax Angle:40.71deg Diameter

Flux out:126.1 lm

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

Height Eavg, Emax Angle:40.59deg Diameter

Flux out:62.93 lm

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	3.444,5.978lx	448.99cm
10m	2.790,4.842lx	498.88cm

Height Eavg, Emax Angle:28.01deg Diameter

LEDSCAPE INDOOR & OUTDOOR POWER SUPPLY

LEDscape Constant Voltage Class 2 LED Drivers are available in indoor (IP50) and outdoor (IP68) enclosures. The outdoor enclosure is cETLus style with a built-in junction box on both the input and the output, and is suitable for all locations. With universal input voltage ranging from 120 to 277VAC, this series of drivers is designed for commercial, industrial and residential applications. Our 5in1 smooth flicker-free linear dimming down to 1% works with a wide variety of compatible dimmers, including 0-10V, Magnetic and Low voltage.



PRODUCT HIGHLIGHTS

	INDOOR	OUTDOOR
INPUT VOLTAGE	120/277 V	120/277 V
OUTPUT VOLTAGE	24V	Variable 18–25V
INPUT FREQUENCY	50/60 HZ	50/60 HZ
OPERATING TEMP	-13°F – 104°F	-13°F – 104°F
DEGREE OF PROTECTION (IP)	IP50	IP68
DIMMABLE	to 1%	to 1%
CLASS 2	up to 96W	All sizes
LOAD REQUIREMENTS	10%	10%

CHARACTERISTICS

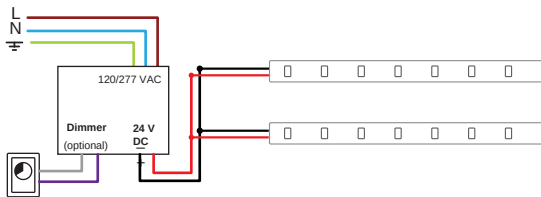
INDOOR

Power	Output Current	Efficiency	Power Factor	Dimensions
18W	350mA	> 86%	>0.95	4.92" L X 2.09" W X 0.57"H
24W	2600mA	> 86%	>0.95	4.92" L X 2.09" W X 0.57"H
36W	4800mA	> 86%	>0.95	5.7" L X 2.09" W X 0.65"H
60W	2600mA	> 86%	>0.95	5.7" L X 2.09" W X 0.65"H
96W	4800mA	> 86%	>0.95	7.28" L X 2.2" W X 0.74"H
150W	7500mA	> 86%	>0.93	8.98" L X 2.2" W X 0.85"H
200W	8200mA	> 86%	>0.93	8.98" L X 2.2" W X 0.85"H

OUTDOOR

Power	Output Current	Efficiency	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 (2x60W)	5000mA	> 86%	>0.93	10.15" L X 4.85" W X 1.65"H
192W (2x96W)	8000mA	> 86%	>0.93	10.15" L X 4.85" W X 1.65"H
288W (3x96W)	9000mA	> 86%	>0.93	12.44" L X 4.85" W X 1.65"H
384W (4x96W)	16000mA	> 86%	>0.93	12.44" L X 4.85" W X 1.65"H

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](#).

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

ORDERING CHART

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

Ordering Example: PS-24-I-D3-60-U OR PS-24-O-D3-60-U

Series		Output Voltage		Environment		Dimming		Wattage OR				Voltage Input	
PS	Power supply	24	24V	I	Indoor (damp listed)	ND	Non Dimming	Indoor (I)		Outdoor (O)		U	120/277V
				O	Outdoor IP68	D3	5 in 1 Dimming	18	8W	30	30W		
				Indoor: IP50, damp listed. Class 2 up to 96W. Outdoor: IP68, cETLus enclosure with built-in junction box on input and output. Class 2 all sizes.				24	24W	60	60W		
								36	36W	96	96W		
								60	60W	120	120W		
								96	96W	192	192W		
								150	150W	288	288W		
								200	200W	384	384W		
								CU Custom Output		CU Custom Output			

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