

LEDSCAPE FLEX OPTICS PLUS IP67

LEDscape LED OPTICS PLUS LED strip (IP67) is a high quality, flexible LED strips with a unique, diffuse 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:** -40°F – 149°F
- **DEGREE OF PROTECTION:** IP67
- **RATING:** UL
- **BENDING RADIUS:** 15.75 in
- **CORD LENGTH EXPECTED:** 3 ft
- **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.

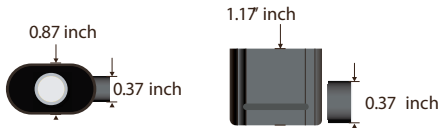
CHARACTERISTICS

Power	Length Inc. ¹	Lumen per foot ²	Max Run Length ³	Dimming
10.97 w/ft	1.96 in	933 lm/ft	7.87 ft	Low Voltage/ 0-10V

Notes:

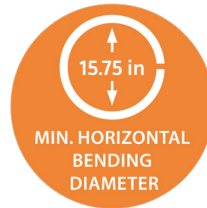
- Length Increments:** Refers to the Strip's cuttable segments.
- Lumen per foot:** calculated at 4000K, 20 degree
- Max Run Length:** Refers to the Strip's total run lengths from the connector to the end.

Lumen for white only. MAX. connection length between -35 - 45 °C. LEDscape reserves the right to modify the information above without notice All circuits with LEDscape product must have surge protection for valid warranty.



AVAILABLE COLORS

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



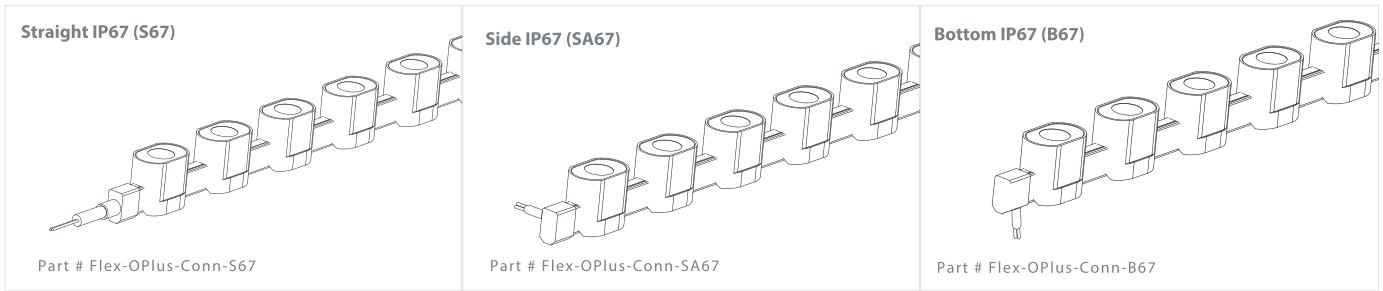
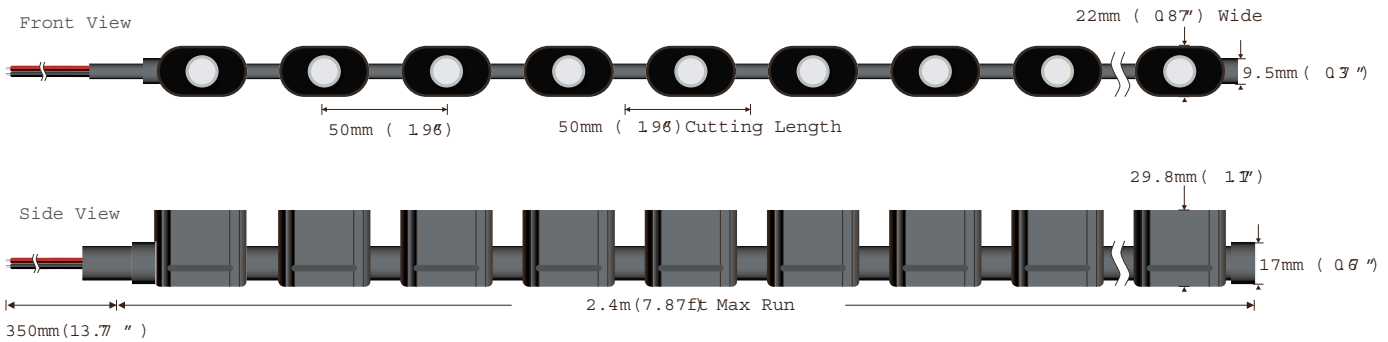
ORDERING CHART

Example: 7-FLEX-OPLUS-20-30-S67-AB

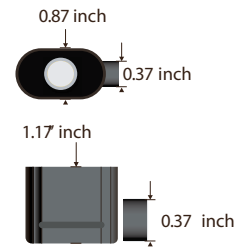
Length	LED Stock Code	Series	Beam Angle		Color		Connector		Mounting	
7.87 ft <small>NOTE: Refer to MAX run lengths below for each lumen option. If total exceeds, you will receive 2 pieces. Example: 30 ft = (4) 7.5 ft</small>	FLEX LED Strip	OPLUS Optic Plus (Outdoor IP67)	20	20°	27	2700k	S67	Straight IP67	CL	Aluminum Clip
			30	30°	30	3000k	B67	Bottom IP67	BC	Bendable Channel
			40	40°	35	3500k	SA67	Side IP67		
			1540	15° x 40°	40	4000k				
					50	5000k				
					CU	Custom Color				
					RGBW	RGBW				

Notes:
Product sold PER FOOT. Ships with factory IP67 Connection and end cap. Stock code may differ from UL/ETL certification, consult factory if required.

NEON LED CONNECTORS & MOUNTING



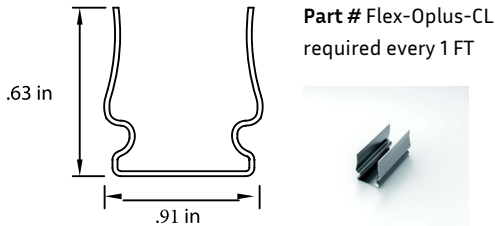
END CAP IP40/IP65
 Part #: Flex-OPlus-EC40/65
 Dimensions: 0.40 L x 0.78 W x 0.43 H inches



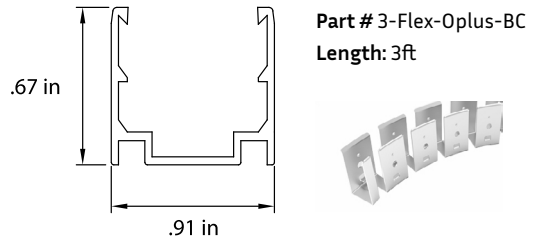
Note: IP67 Connector ships factory assembled with corresponding end cap. Customer may elect to cut and use IP40/65 end cap in the field, but installed assumes all responsibility for correct waterproofing and does not fall under factory warranty.

MOUNTING & ACCESSORIES

ACL ALUMINIUM CLIP



BC BENDABLE CHANNEL





LEDSCAPE OUTDOOR POWER SUPPLY

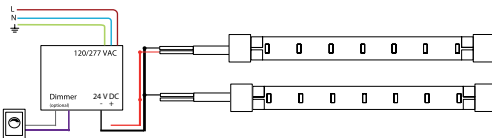
The LEDscape Series of Constant Voltage Class 2 LED Drivers from offers both cETLus style enclosures. The enclosure has a built-in junction box on both the input and output. These drivers are IP68 and are suitable for all locations. With universal input voltage ranging from 120 to 277VAC, this series 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 X 120 X $\left[\frac{U_{Supply}}{24} \right]$

OPTIONS:

U Set supply voltage of the power supply in Volt
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	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 (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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LEDSCAPE DMX POWER SUPPLIES

The LEDscape Series of Constant Voltage Class 2 LED Drivers from offers both cETLus 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 DMX RGBW smooth flicker-free linear dimming down to 1% with any DMX controller. RDM Protocol for ease of on-site programming.

PRODUCT HIGHLIGHTS

- **INPUT VOLTAGE:** 120/277 V
- **OUTPUT VOLTAGE:** Variable 18-25V
- **INPUT FREQUENCY:** 50/60 HZ
- **OPERATING TEMP:** -13°F – 104°F
- **PROTOCOL:** DMX512 RDM
- **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

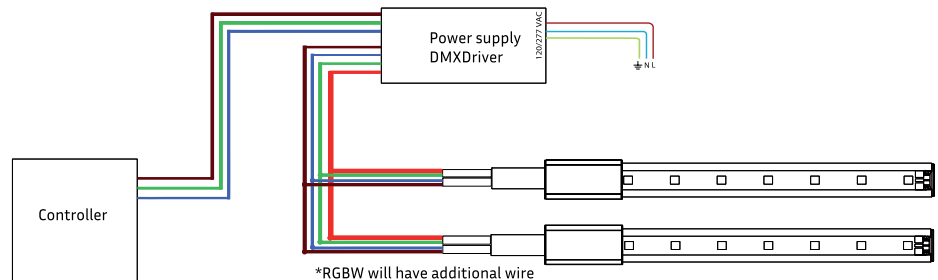
24 Nominal supply voltage of LEDscape in Volt
Recommended MAC output of power supply 80%

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

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

CHARACTERISTICS

Power	Output Current	Efficiency	Power Factor	Dimensions
120W	4100mA	> 95%	>0.95	9.50" L X 3.62" W X 1.65" H
300W	8200mA	> 95%	>0.95	12.5" L X 10.25" W X 1.81" H



ORDERING CHART

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

Ordering Example: PS-24-0-DMX-120-U

Series		Output Voltage		Environment		Dimming		Wattage		Voltage Input	
PS	Power Supply	24	24V	0	Outdoor/Indoor	DMX	DMX 512	120	60-120W	U	120/277V
								300	121-300W		
								CU	Custom Output		

Notes:

Power Supplies should still be in outdoor enclosure if direct buried application. LEDscape Lighting does NOT conduct start-up and/or programming. Advise to hire DMX professional if needed.

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