



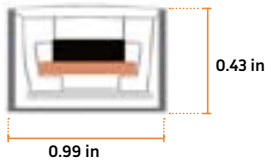
LEDSCAPE FLEX OPTIC RGBW IP67

LEDscape LED OPTICS 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:** 22°F – 131°F (-30°C – 55°C)
- **RATING:** UL
- **OPERATING WATTAGE:** 5.49 watt/foot
- **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.

*Select Digital for Color chasing LEDs.



CHARACTERISTICS

Power	Lumen/ft	Length Inc. ¹	Max Run Length ²	Dimming
FLEX-O 5.49 w/ft	(R)70 (G)140 (B)30 (W)180	6.56 in	16.4 ft	Low Voltage/ 0-10V
Flex-OD 5.49 w/ft	(R)70 (G)140 (B)30 (W)180	6.56 in	16.4 ft	DMX 512

Notes:

- Length Increments:** Refers to the Strip's cuttable segments.
- Max Run Length:** Refers to the Strip's total run lengths from the connector to the end, including interconnected lengths. Example: If ordering 30 FT, you will receive 2 EA 15 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

- RGB/RGBW
- Custom

ORDERING CHART

Example: 10 -FLEX-O-40-RGBW-AC

Length	LED Stock Code	Series		Beam Angle		Color		Mounting				
		O	OD	40	40°	4045	40° x 45°	RGBW27	RGBW30	RGBW35	RGBW40	RGBW50
16 ft <small>NOTE: Refer to Max Run lengths. If total exceeds, you will receive multiple pieces. Example: 32 ft = (2) 16 ft</small>	FLEX LED Strip (Outdoor IP67)		Color Changing	40	40°	RGBW27	RGBW 2700K	AC	Aluminum Channel			
			Color Chasing	4045	40° x 45°	RGBW30	RGBW 3000K	ADJ	Adjustable Channel			
						RGBW35	RGBW 3500K	SC	Saddle Clip			
						RGBW40	RGBW 4000K					
						RGBW50	RGBW 5000K					
						RGBW60	RGBW 6000K					
				CU	Custom Color							

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.

OPTIC CONNECTOR & MOUNTING



S67 STRAIGHT CONNECTOR SET IP67

Part #: Flex-O-Conn-S67
Cord length: 3 ft
Dimensions: 0.31 L x 0.78 W x 0.43 H inches



JMP67 JUMPERSET IP67

Part #: Flex-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-O-EC67
Dimensions: 0.31 L x 0.78 W x 0.43 H inches



END CAP IP40/IP65

Part #: Flex-O-EC40/65
Dimensions: 0.31 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



AC ALUMINUM CHANNEL

Part # 3-Flex-O-AC
Length: 3ft



RCLIP ROTARY CLIP (not include)

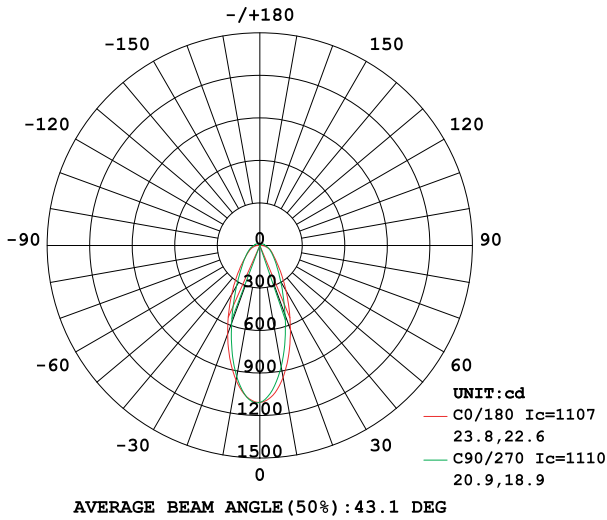
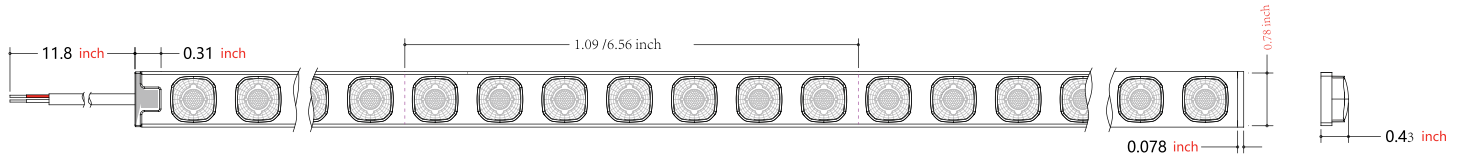
Part # Flex-O-Rclip



SA SADDLE CLIP

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

CHARACTERISTICS



W:4000K, 40°*45°

Flux out:308.7 lm

Height	Eavg, Emax	Angle:39.78deg	Diameter
1m	741.8, 1113lx		72.35cm
2m	185.5, 278.3lx		144.71cm
3m	82.43, 123.7lx		217.06cm
4m	46.36, 69.57lx		289.42cm
5m	29.67, 44.53lx		361.77cm
6m	20.61, 30.92lx		434.13cm
7m	15.14, 22.72lx		506.48cm
8m	11.59, 17.39lx		578.84cm
9m	9.159, 13.74lx		651.19cm
10m	7.418, 11.13lx		723.54cm

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.



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

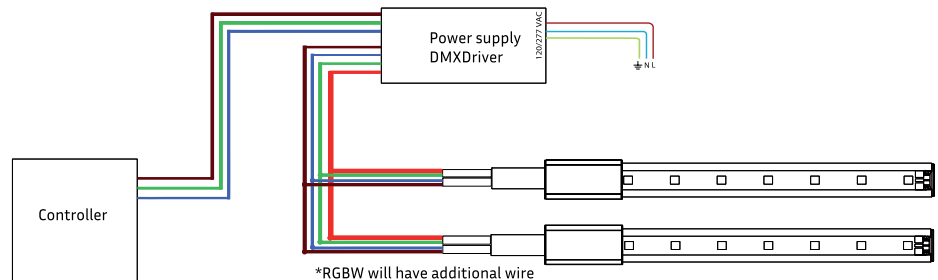
24 Nominal supply voltage of LEDscape in Volt
Recommended MAC output of power supply 80%

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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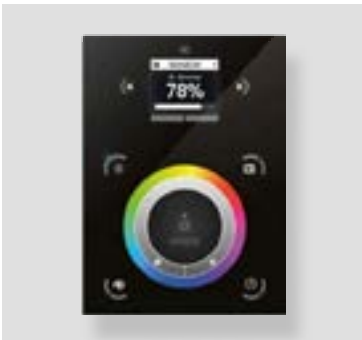
LEDSCAPE DMX CONTROLLERS

LEDscape Wall Color Controller allows for smooth color control and dimming all in one. The Wall Mounted Version fits in a standard switch box. It operates with all DMX 512 Drivers and decoders. You can set up to 3 Zones per controller and does not have any preset settings. 12-36V compatible.

ORDERING CHART

Ordering Example: DXC-DMX-I-W

Series		Type		Environment		Control	
DXC	DMX Controller	DMX	DMX 512	I	Indoor	W	Wall Mounted



ADVANCED COLOR CONTROLLER

LEDscape Wall Color Controller by Nicolaudie is aimed at architectural lighting installations requiring an advanced level of programming (color changing effects, specific colors etc). The controller provides a clean and user-friendly panel. Featuring an on/off button, 6 scene buttons and a color wheel, the controller is ideal for hotels, homes and public environments.

With 1024 DMX channels, Wi-Fi for remote network control and scene calendar triggers USB programmable from a PC or Mac, up to 10 zone, 36 scenes can be stored within the controller and directly recalled via 6 touch sensitive buttons.

ORDERING CHART

Ordering Example: DXC-Pro-RGBW-I

Series		COLOR		Environment	
DXC-Pro	Professional DMX Controller	RGBW	RGB	I	Indoor

LEDscape Lighting does NOT conduct start-up and/or programming. Advise to hire DMX professional if needed. The Pro DMX Controller does require programming on-site.

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LEDSCAPE CCT 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 smooth flicker-free linear dimming down to 1% with most Dimmers. Pick from Dim to Warm OR CCT Tunable.

PRODUCT HIGHLIGHTS

- **INPUT VOLTAGE:** 120/277 V
- **OUTPUT VOLTAGE:** Variable 18-25V
- **INPUT FREQUENCY:** 50/60 HZ
- **OPERATING TEMP:** -13°F – 104°F
- **CCT TUNABLE:** Triac, 0-10V
- **WARM DIM:** Triac, 0-10V
- **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

$$\text{POWER SUPPLY} = \text{Product Wattage} \times \text{Length} \times 120 \times \left[\frac{U \text{ Supply}}{24} \right]$$

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](#).

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
30W	1250mA	> 96%	>0.95	7.50" L X 54.05" W X 1.65"H
96W	4800mA	> 96%	>0.95	8.50" L X 4.05" W X 1.65"H
150W	6100mA	> 86%	>0.95	12.15" L X 4.85" W X 1.65"H

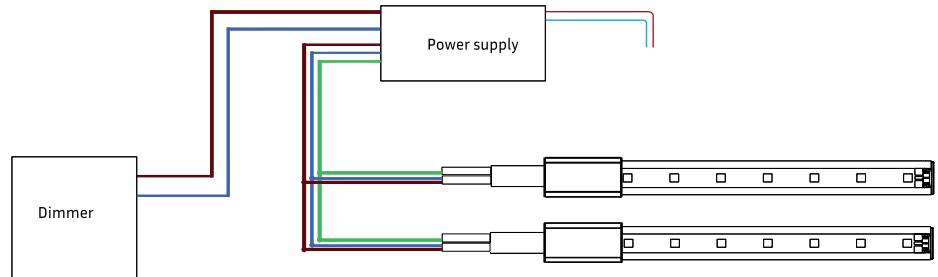


Illustration only, setup may differ. consult install instructions

ORDERING CHART

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

Ordering Example: PS-24-0-CCT-60-U

Series		Output Voltage		Environment		Dimming		Wattage		Voltage Input	
PS	Power Supply	24	24V	0	Outdoor/Indoor	CCT	Tunable White & Warm Dimming	30	30W	U	120/277V
								96	31-96W		
								150	97-150W		
								CU	Custom Output		

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