



LEDSCAPE FLEX NEON SIDE FLANGED IP65

LEDscape LED Neon strip (IP65) is a high quality, flexible LED strips with a unique, diffuse flanged co-extrusion technology, offering a 120 degree output. The combination of high quality and exceptional flexibility, allows for an endless range of indoor and outdoor applications. LEDscape offers a pre-assembled mirror welded connector for instant waterproof IP65 usage.

PRODUCT HIGHLIGHTS

- BINNING:** $\pm 50K$
- CRI:** >90
- EXPECTED LIFETIME:** $L70 > 70,000$ hours
- OPERATING TEMP:** $-40^{\circ}F - 131^{\circ}F$
- DEGREE OF PROTECTION:** IP65
- Rating:** UL
- Cord Length:** 6 ft
- BENDING RADIUS:** 1.18 in
- 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

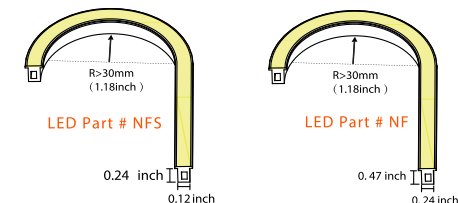
Power		Lumen	Length Increments ¹	Max Run Length ²
NF	2.93 w/ft	97 lm/ft	1.96 in	16.4 ft
NFS	2.53 w/ft	70 lm/ft	1.40 in	

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.

MAX. connection length between $-4^{\circ}F$ and $-22^{\circ}F$ is 1/3 of listed above. Lumen calculated at 2700K, please request individual datasheets if needed. LEDscape reserves the right to modify the information above without notice. Surge protection must be present on all circuits with LEDscape product to qualify for warranty.



AVAILABLE COLORS

- Ultra Warm White 2400K
- Extra Warm White 2700K
- Warm White 3000K
- Natural White 4000K
- Custom



ORDERING CHART

Example: 16-FLEX-T-NF-30-S65-AC

Length	LED Stock Code	Series		Color		Connector & Environment		Mounting	
16 ft NOTE: *Refer to MAX run lengths below for each lumen option. If total exceeds, you will receive 2 pieces. EX 40 FT = 2X 20FT	FLEX-S LED Strip (Outdoor IP65)	NF	Neon Flanged	24	2400k	S65	Straight IP65	AC	Aluminum Channel
		NFS	Neon Flanged Small	27	2700k			ACR	Aluminum Raceway Channel
				30	3000k				
				40	4000k				
				CU	Custom Color				

Notes:

Product sold PER FOOT. Ships with factory IP65 Connection and end cap. Stock code may differ from UL/ETL certification, consult factory if required.

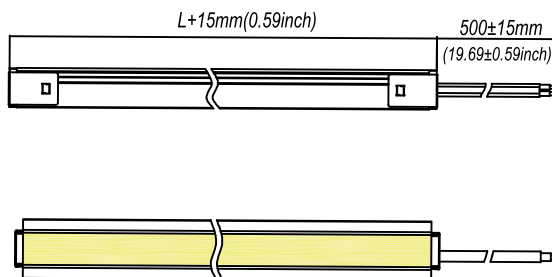
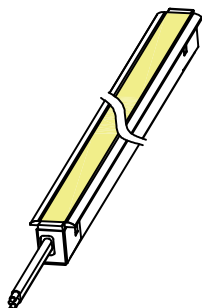
NEON LED CONNECTORS AND MOUNTING

S65 STRAIGHT CONNECTOR SET IP65

PART #: FLEX-S-NF-Conn-S65 (Large)

PART #: FLEX-S-NF-Conn-S65 (Small)

Cord length: 6 ft



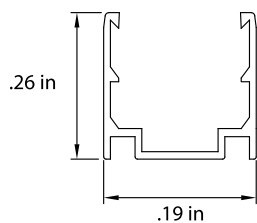
IP65 Connector ships factory assembled with corresponding end cap. Customer can NOT make modifications in the field.

NEON LED MOUNTING

AC ALUMINUM CHANNEL NFS

Part # 3-Flex-S-NFS-AC

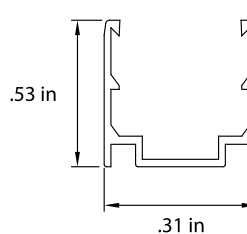
Length: 3 ft



AC ALUMINUM CHANNEL NF

Part # 3-Flex-S-NF-AC

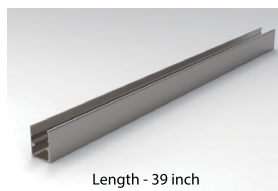
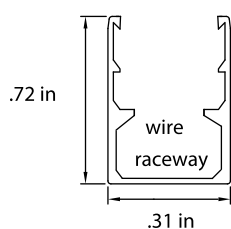
Length: 3 ft



ACR ALUMINUM CHANNEL NF

Part # 3-Flex-S-NF-ACR

Length: 3 ft



Note: Channels provided in 3 ft segments. 6 ft segments available on request. MOQ applies

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

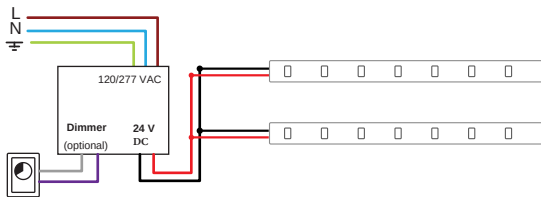
INDOOR

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](#).

ORDERING CHART

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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