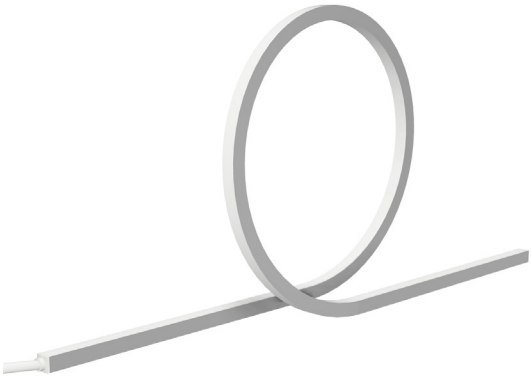
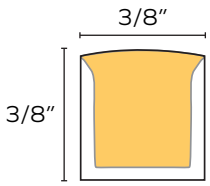
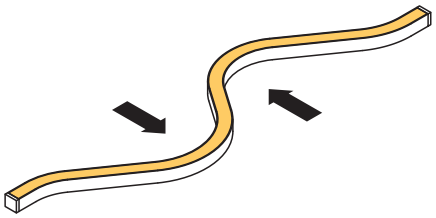
Inspire Neon Flex 0404 Side Bend

24V DC LED Neon Flex

Type | **QTY** | **Part Number** | **Signature**







Side Bend (bends side-to-side)

Specifications

Power	3 Watts/FT
Max Run Length	22FT
Cut Length	Every 3.94″
Available Colors	2700K, 3000K, 3500K, 4000K, Red, Green, and Blue
Input Voltage	24V DC
Bend Type	Side Bend (bends side-to-side)
Product Material	UV-Resistant Silicone
Product Color	White
Minimum Bend Diameter	3-7/8"
Beam Angle	120°
Lamp Life	50,000 Hours
Max Ambient Temperature	-13°F to 131°F (-25°C to 55°C)
Max Operating Temperature	32°F to 131°F (0°C to 55°C)
Environment	IP67 Indoor or Outdoor
Dimming	0-10V, MLV, ELV, Incandescent, and CFL/LED
Connector	Pre-Assembled Connectors or In-Field Connectors
Certifications & Safety Standards	• UL Listed for The United States and Canada - File # E467147 • UL Listed per UL2108 Low Voltage Lighting Systems/CSA C22.2 No 250.0-08-Luminaires/ UL8750 • Title 24 JA8 Compliant • Always review all local and national safety standards before installing any LEDI product(s).

Performance

Color	Lumens/FT	Efficacy	CRI
2700K	180	60 lm/W	90
3000K	192	64 lm/W	90
3500K	201	67 lm/W	90
4000K	204	68 lm/W	90
Red	84	28 lm/W	n/a
Green	262	87 lm/W	n/a
Blue	46	15 lm/W	n/a

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Standard Order Neon Flex

Shorter lead times for a faster turnaround.

22FT Rolls

Part Number	Color Temp.	Connector (see pg. 3 for details)
NF1-S0404S-27-2E-22	2700K	Double End Exit
NF1-S0404S-30-2E-22	3000K	Double End Exit
NF1-S0404S-35-2E-22	3500K	Double End Exit
NF1-S0404S-40-2E-22	4000K	Double End Exit
NF1-S0404S-27-2B-22	2700K	Double Back Exit
NF1-S0404S-30-2B-22	3000K	Double Back Exit
NF1-S0404S-35-2B-22	3500K	Double Back Exit
NF1-S0404S-40-2B-22	4000K	Double Back Exit

Custom Lengths

Part Number	Color Temp.	Connector (see pg. 3 for details)
NF1-S0404S-27-1E-CUSTOM	2700K	Single End Exit
NF1-S0404S-30-1E-CUSTOM	3000K	Single End Exit
NF1-S0404S-35-1E-CUSTOM	3500K	Single End Exit
NF1-S0404S-40-1E-CUSTOM	4000K	Single End Exit
NF1-S0404S-27-1B-CUSTOM	2700K	Single Back Exit
NF1-S0404S-30-1B-CUSTOM	3000K	Single Back Exit
NF1-S0404S-35-1B-CUSTOM	3500K	Single Back Exit
NF1-S0404S-40-1B-CUSTOM	4000K	Single Back Exit

Ordering Example

Part Number Example	Order QTY	Amount Received
NF1-S0404S-30-2B-22	10	(10) 22ft rolls
NF1-S0404S-30-1B-CUSTOM	10	10ft (continuous run)

Special Order Neon Flex

Available in custom lengths, with additional colors and connector options. Contact our Design Team at designs@ledinspirations.com or (832) 717-2710 for a lead time.

1 Select the Neon Flex

Part Number	Color/Color Temperature
NF1-S0404S-27-FAS	2700K
NF1-S0404S-30-FAS	3000K
NF1-S0404S-35-FAS	3500K
NF1-S0404S-40-FAS	4000K
NF1-S0404S-RED-FAS	Static Red
NF1-S0404S-GRN-FAS	Static Green
NF1-S0404S-BLU-FAS	Static Blue

2 Select the Pre-Assembled Connector

Part Number	Wire Exit (see pg. 3 for details)
NF1-CON-S0404S-2C-FAS-1E	Single End Exit
NF1-CON-S0404S-2C-FAS-1B	Single Back Exit
NF1-CON-S0404S-2C-FAS-1SR	Single Right Side Exit
NF1-CON-S0404S-2C-FAS-1SL	Single Left Side Exit
NF1-CON-S0404S-2C-FAS-2E	Double End Exit
NF1-CON-S0404S-2C-FAS-2B	Double Back Exit
NF1-CON-S0404S-2C-FAS-2S	Double Side Exit

Ordering Example

Part Number Example	Order QTY	Amount Received
NF1-S0404S-RED-FAS	12	12ft (continuous run)
NF1-CON-S0404S-2C-FAS-1B	1	1

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Pre-Assembled Connectors

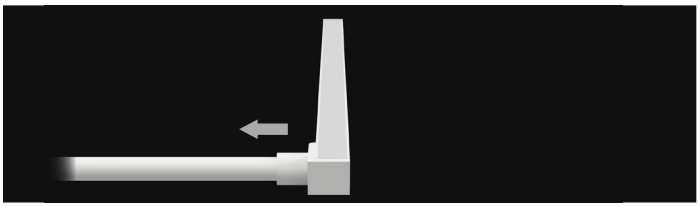
Injection molded connectors pre-assembled with the Neon Flex. See pg. 2 for ordering information.

Single End (1E)

(1) connector that exits out the end of the Neon Flex. The opposite end is sealed.

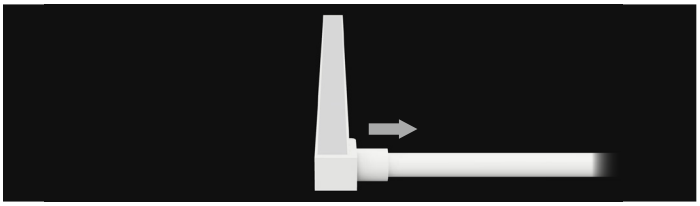
Single Back (1B)

(1) connector that exits out the back of the Neon Flex. The opposite end is sealed.



Single Left Side (1SL)

(1) connector exits out the left side of the Neon Flex (with the lens facing up). The opposite end is sealed.



Single Right Side (1SR)

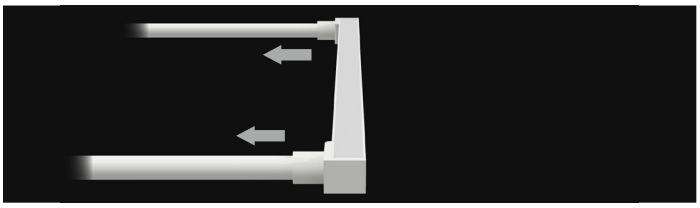
(1) connector exits out the right side of the Neon Flex (with the lens facing up). The opposite end is sealed.

Double End (2E)

(1) connector exits out one end of the Neon Flex. The opposite end, also, has (1) connector that exits out the end of the Neon Flex.

Double Back (2B)

(1) connector exits out the back of the Neon Flex. The opposite end, also, has (1) connector that exits out the back of the Neon Flex.



Double Side (2S)

(1) connector exits out the side of the Neon Flex. The opposite end, also, has (1) connector that exits out the side of the Neon Flex.

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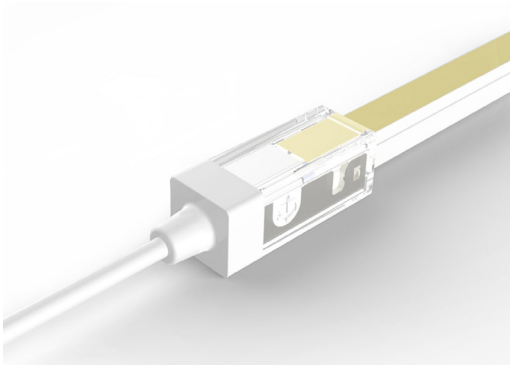
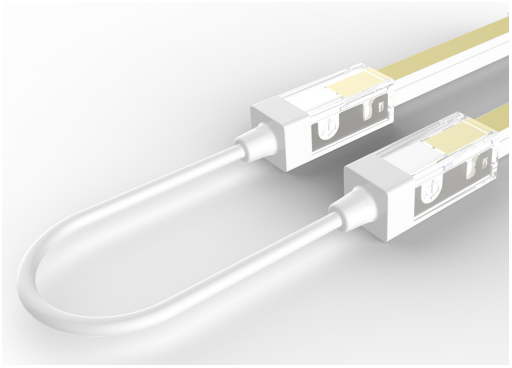
Type | **QTY** | **Part Number** | **Signature**

In-Field Connectors

Connects to a cut end of Neon Flex. For assembly in the field.





Hardwire Connector

Connects the Neon Flex to an LED driver.

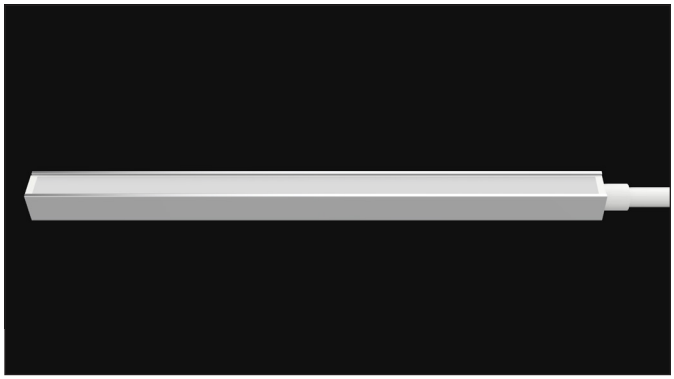
Part Number	Length
NF1-CON-S0404S-2C-IFC-BR-1FT	2FT

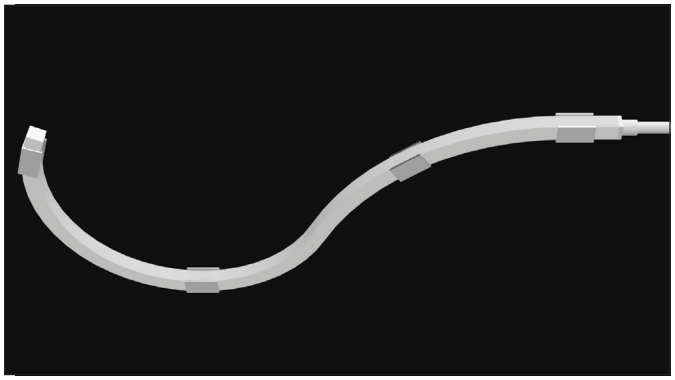
Extension (jumper)

Connects one run of Neon Flex to another.

Part Number	Length
NF1-EXT-S0404S-2C-IFC-1FT	1FT

Mounting Hardware

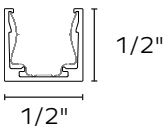




Aluminum Channel

For mounting straight runs of Neon Flex.

Part Number	Length	Includes
NF1-CHN-AL3-1M	3.28FT	Channel and screws

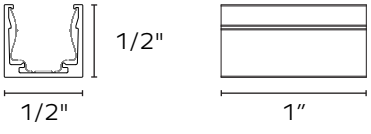


Mounting Clips

For mounting Neon Flex that bends up-and-down.

Part Number	Includes
NF1-MNT-CL3	(10) mounting clips and screws

- For simple bends: Use 3-4 clips per foot
- For more complex bends: Use 5 clips per foot
- Each Mounting Clip includes a pre-installed Lock-In Clip to securely hold the Neon Flex in place.



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Type | **QTY** | **Part Number** | **Signature**

Drivers

Required to power the Neon Flex. For additional parts and specifications, please see the specific product spec sheet.

Part Number	Description
DR-30W-24V-DIMALL	30-watt DimALL™ Driver. 120-277V AC. Compatible with select 0-10V, MLV, ELV, CFL/LED, and incandescent dimmers. Class 2.
DR-60W-24V-DIMALL	60-watt DimALL™ Driver. 120-277V AC. Compatible with select 0-10V, MLV, ELV, CFL/LED, and incandescent dimmers. Class 2.
DR-96W-24V-DIMALL	96-watt DimALL™ Driver. 120-277V AC. Compatible with select 0-10V, MLV, ELV, CFL/LED, and incandescent dimmers. Class 2.
DR-150W-24V-DIMALL	150-watt DimALL™ Driver. 120-277V AC. Compatible with select 0-10V, MLV, ELV, CFL/LED, and incandescent dimmers.
DR-192W-24V-DIMALL	192-watt DimALL™ Driver. 120-277V AC. Compatible with select 0-10V, MLV, ELV, CFL/LED, and incandescent dimmers. Class 2.
DR-200W-24V-DIMALL	200-watt DimALL™ Driver. 120-277V AC. Compatible with select 0-10V, MLV, ELV, CFL/LED, and incandescent dimmers.
DR-288W-24V-DIMALL	288-watt DimALL™ Driver. 120-277V AC. Compatible with select 0-10V, MLV, ELV, CFL/LED, and incandescent dimmers. Class 2.
DR-300W-24V-DIMALL	300-watt DimALL™ Driver. 120-277V AC. Compatible with select 0-10V, MLV, ELV, CFL/LED, and incandescent dimmers.
DR-60W-24VDC-U-2-10-c	60-watt Electronic 0-10V Driver. 120-277V AC. Compatible with most 0-10V dimmers. Class 2.
DR-100W-24VDC-U-2-10-c	100-watt Electronic 0-10V Driver. 120-277V AC. Compatible with most 0-10V dimmers. Class 2.
DR-200W-24VDC-U-2-10-g	200-watt Electronic 0-10V Driver. 120-277V AC. Compatible with most 0-10V dimmers.
DR-36W-24VDC-120V-2-ND-e	36-watt Plug-In Driver. 120-240V AC. Non-dimmable. Includes 3-prong wall plug. Class 2.
DR-96W-24VDC-120V-2-ND-e	96-watt Plug-In Driver. 120-240V AC. Non-dimmable. Includes 3-prong wall plug. Class 2.
DR-144W-24VDC-120V-1-ND-e	144-watt Plug-In Driver. 120-240V AC. Non-dimmable. Includes 3-prong wall plug.

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