

Nova Flex 12 Volt I20 Series - Flexible LED Ribbon Lighting

OVERVIEW

Nova Flex® LED ribbon lighting offers dynamic solutions for your lighting needs. Orders can be custom cut to meet your specifications. Our experienced representatives will work with you to achieve ideal lighting for almost any application.

FEATURES

- High reliability
- Long life
- Dimming available
- Can be cut every third LED
- Custom made to your specs

Input Voltage	12V DC
Lamp life	50,000 hours
Viewing Angle	120°
LEDs (per foot)	36/ft
Wattage	2.8 watts/ft.
Operating Temp.	-15°F to 140°F
Maximum Continuous Run	16 feet
Dimensions	7/16" Wide, 1/8" Tall
Minimum Run.	3 LEDs
Mounting Options	3M adhesive backing, Nova Flex Tracking
Environment	Dry, Damp, Wet
Certifications	UL Listed
IP Rating	IP67
Available Colors	Warm White 3225K & 2700K, Pure White 4100K & 6500K, Red, Blue, Green, Yellow

APPLICATIONS

- Indoor / Outdoor
- Signage / Displays
- Accent / Backlighting
- Pathway / Stairway
- Kitchen / Bathroom
- Cove / Shelving
- Deck / Patio
- Unlimited Possibilities!

LUMENS/FT

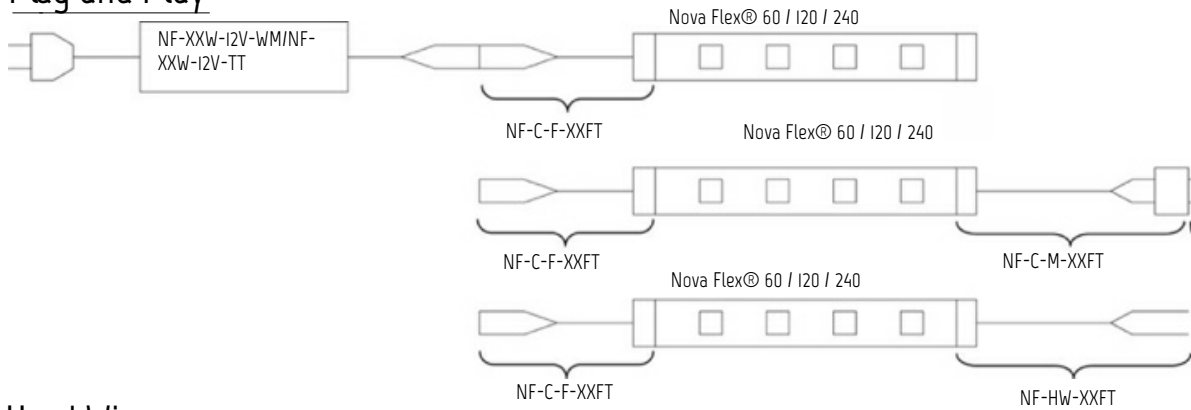
Warm White	252 lm/ft
Pure White	252 lm/ft
Cool White	252 lm/ft
Red	79.2 lm/ft
Blue	43.2 lm/ft
Green	144 lm/ft
Yellow	79.2 lm/ft



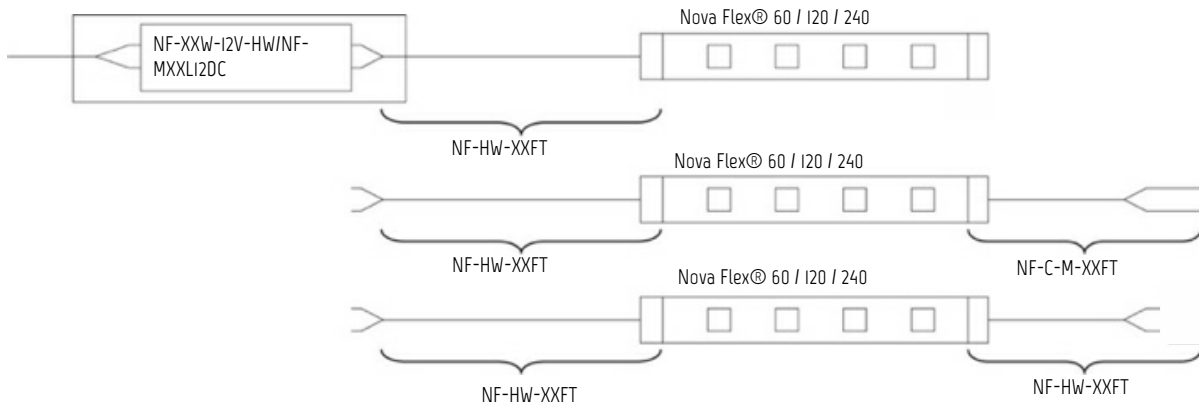
Dimensions: 7/16 Inch Wide 1/8 Inch Tall

Nova Flex 12 Volt Wiring Diagrams

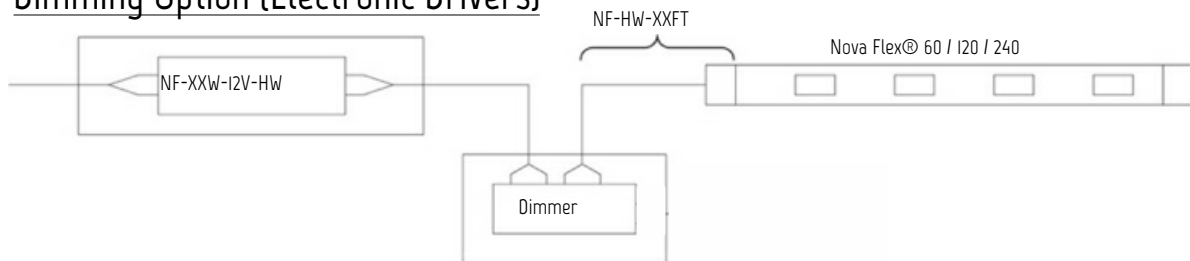
Plug and Play



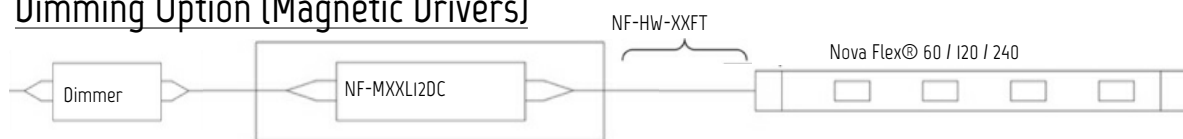
Hard Wire



Dimming Option (Electronic Drivers)



Dimming Option (Magnetic Drivers)



Nova Flex 12 Volt Max Length

WARNING: DO NOT EXCEED 80-85% WATTAGE.
Optimal operating output is between 50% and 85% wattage.

Plug-In Power Supplies Max Length

Wall Mount and Table Top Power Supplies - 12V			
Power Supply	60 Series	I20 Series	240 Series
NF-PS-6W-12V-WM	3 FT	1 FT	6 IN
NF-PS-12W-12V-WM	6 FT	3 FT	16 IN
NF-PS-24W-12V-WM	13 FT	6 FT	3 FT
NF-PS-24W-12V-TT	13 FT	6 FT	3 FT
NF-PS-36W-12V-TT	20 FT	9 FT	4.5 FT
NF-PS-60W-12V-TT	*34 FT	*17 FT	*8.5 FT
NF-PS-84W-12V-TT	*48 FT	*24 FT	*12 FT

* = TOTAL MAXIMUM LENGTH EXCEEDS MAXIMUM RUN

Electronic Hard Wire Power Supplies Max Length

Electronic Hard Wire Power Supplies - 12V			
Power Supply	60 Series	I20 Series	240 Series
NF-PS-35W-12V-HW	20 FT	10 FT	5 FT
NF-PS-60W-12V-HW	*34 FT	*17 FT	8.5 FT
NF-PS-CLG150W12V-HW	*64 FT	*32 FT	*16 FT

* = TOTAL MAXIMUM LENGTH EXCEEDS MAXIMUM RUN

Dimmable Magnetic Wire Power Supplies Max Length

Dimmable Magnetic Hard Wire Power Supplies - 12V			
Power Supply	60 Series	I20 Series	240 Series
NF-PS-TM10W12V	6 FT	2.5 FT	1 FT
NF-PS-M20L12	11 FT	5.5 FT	2 .5FT
NF-PS-M40L12	21 FT	11 FT	5.5 FT
NF-PS-M60L12	32 FT	16 FT	8.5 FT
NF-PS-TM100W12V	2-32 FT	2-16 FT	2-8 FT
NF-PS-TM150W12V	3-32 FT	3-16 FT	3-8 FT
NF-PS-TM200W12V	4-32 FT	4-16 FT	4-8 FT
NF-PS-TM250W12V	5-32 FT	5-16 FT	5-8 FT
NF-PS-TM300W12V	6-32 FT	6-16 FT	6-8 FT

Minimum Load Requirements are 50% of Total Power Supply Wattage









Nova Flex 12 Volt Ordering Information & Accessories / Track

Ordering Information


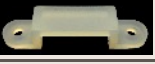
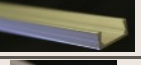


Step	Instructions	Length (ft. Or in.)	Series/Model	Color	
1	Specify fixture, length, and color	1' to 32'	NF-XX-60	**Indoor / Outdoor	Warm White, Pure White, Cool White, Red, Green, Blue, Yellow
		1' to 16'	NF-XX-120		
		1' to 8'	NF-XX-240	Warm White, Pure White, Cool White	
2	Specify input connection	Lead length	NF-HW-XXFT / IN	Application	
			NF-C-F-XXFT	Plug and play or hard wire	
3	Specify output connection	Lead length	NF-HW-XXFT, NF-C-M-XXFT	Plug and play, hard wire, quick connect output, end run	
4	Specify dimming or non dimming	Dim / non dim	Magnetic XFMR = dim Electronic XFMR = non dim	All plug-in and HW electronic power supplies are dimmable on load side, magnetic power supplies are dimmable on line side	

**Indoor not available in some colors.

Accessories

	NF-C-M/F-10FT, 6FT, 3FT	10, 6, 3 ft male to female quick connect cable
	NF-C-F-10FT	10 foot female quick connect cable with hard wire end.
	NF-C-M-10FT	10 foot male quick connect cable with hard wire end.
	NF-M-HW-PA	Male quick connect to hard wire adapter.
	NF-F-HW-PA	Female quick connect to hard wire adapter.
	NF-C-ON/OFF	On/Off toggle switch with male/female quick connect cables
	NF-C-Y-2-Y NF-C-Y-4-Y NF-C-Y-8-Y	Female quick connect to 2, 4, or 8 male quick connect cables.
	NF-D-6AMP	6amp LED dimmer with On/Off switch, male and female quick connect connections.

Track

	NF-CLIP-HARD	Hard plastic mounting clips for Nova Flex® LED Strips.
	NF-CLIP-FLEX	Flexible mounting clips for Nova Flex® LED Strips.
	NF-T-S	Nova Flex® Standard Tracking
	NF-T-W	Nova Flex® Winged Tracking
	NF-T-A	Nova Flex® Angled Tracking

Panels for tracking are available in Clear, Soft White, and Solid White.