

DESIGN SERIES

NOVA[®]FLEX[®]

This architectural-grade, 90+ CRI LED strip light ensures proper execution of design intentions for a variety of applications.

- Dry / Wet Environment
- Smooth, Flicker-free Dimming
- PoE Compatible



ORDER CODE	SERIES	ENV	LEDS/M	VOLTAGE	CCT
NF	DS	O = IP65 W = IP68*	64 128 160 240	24V	SEE TABLE
NF/SP	DS				



Physical

Operating Temp	IP65: -15° to 140°F (-25° to 60°C) IP68: -15° to 176°F (-25° to 80°C)
Environment	IP65 (Dust/splash proof) IP68* (Water/chemical resistant)
Mounting	3M Adhesive Clips Channels
Cut Length	Varies by series, see page 2

Quality Assurance

Lumen Maintenance	50,000 Hrs
Warranty	5 years
CCT Binning	3-step MacAdam
Certifications	UL Title 24, JA8 - 2019

Electrical

Voltage	24V
Wire Size	20 AWG. 2 Wire
Lead	Default: 120 Inch IP65: 2 Inch Minimum IP68*: 3 Inch Minimum Quick Connect: 3 - 120 Inch
Jumper	IP65 & IP68*: 3 Inch Minimum
Dimming	MLV 0-10V S3i Series Controller

Complete Solution

Step 1	Build the LED order code
Step 2	Select channel
Step 3	Select power and controls
Step 4	Select accessories
Step 5	Contact your Agent or Nova Flex

Performance

	CCT	CRI	Lumens/ft	Efficacy (lm/w)	Power (w/ft)	Max Run
DS 64	2200K*	87	164	68	2.4	31.0 ft
	2500K	90	224	93		
	2700K	93	309	129		
	3000K	92	256	107		
	3500K	92	255	106		
	4100K	92	243	101		
DS 128	5500K	94	259	108	3.6	22.9 ft
	2200K*	87	205	57		
	2500K	90	234	65		
	2700K	93	316	88		
	3000K	92	322	89		
	3500K	93	328	91		
DS 160	4100K	92	312	87	4.4	18.0 ft
	5500K	94	316	88		
	2200K*	90	272	62		
	2500K	92	326	74		
	2700K	93	424	96		
	3000K	92	397	90		
DS 240	3500K	92	407	93	6.6	13.8 ft
	4100K	92	411	93		
	5500K	94	384	87		
	2200K*	87	444	67		
	2500K	90	558	85		
	2700K	93	577	87		
DS 240	3000K	92	577	87	6.6	13.8 ft
	3500K	92	554	84		
	4100K	92	581	88		
	5500K	94	605	92		

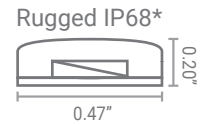
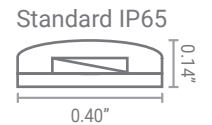
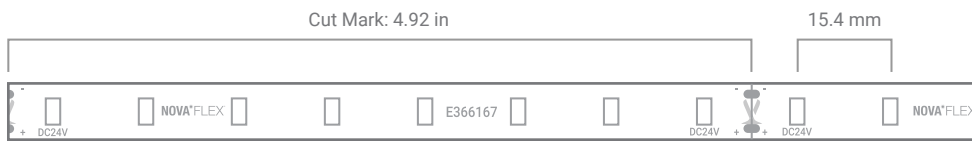
Data listed is for IP65 LED strip. Lumens have a tolerance of +/- 10%.

INSTALL GUIDE PHOTOMETRICS

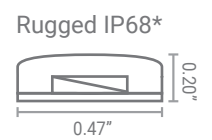
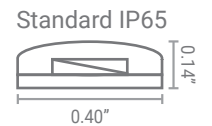
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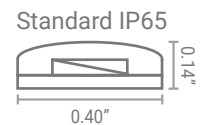
Design 64 **Please note, all IP68 LED products are NOT field-trimmable*



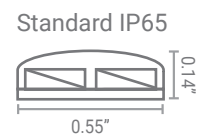
Design 128



Design 160

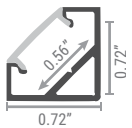
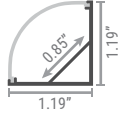
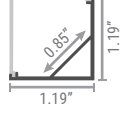
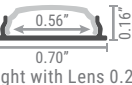
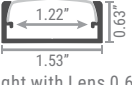
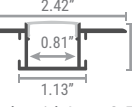
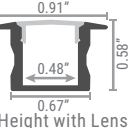
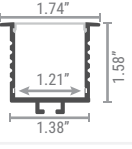
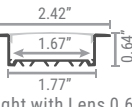
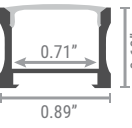
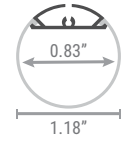


Design 240



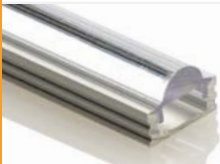
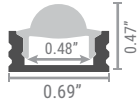
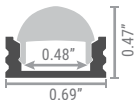
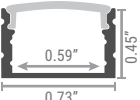
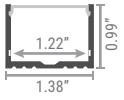
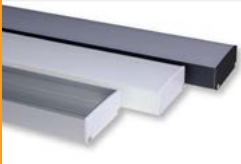
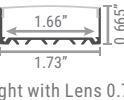
DESIGN SERIES CHANNEL OPTIONS

NOVA[®]FLEX[®]

	Product Image	Product Code	Color	Lens Options	Dimensions	Downloads
Angled		Angled 1919U NF-CH-1919U-2M	Silver White* Black*	CL SF BK*		SPEC SHEET
		Angled 3030 - CR NF-CH-3030-C/CLEAR/CR-2M NF-CH-3030-C/SOFT/CR-2M	Silver White* Black*	CL SF BK*		SPEC SHEET
		Angled 3030 - SQ NF-CH-3030-C/CLEAR/SQ-2M NF-CH-3030-C/SOFT/SQ-2M	Silver White* Black*	CL SF BK*		SPEC SHEET
Bendable		Bendable 1806 NF-CH-1806-2M	Silver White* Black*	CL SF BK*	 Height with Lens 0.22"	SPEC SHEET
		Bendable 3916 NF-CH-3916-2M	Silver White* Black*	CL SF BK*	 Height with Lens 0.69"	SPEC SHEET
Mud-In		Mud-In 6214 NF-CH-6214-2M	Silver White* Black*	CL SF BK*	 Height with Lens 0.58"	SPEC SHEET
Recessed		Recessed 2515 NF-CH-2515-2M	Silver White* Black*	CL SF BK*	 Height with Lens	SPEC SHEET
		Recessed 4540 NF-CH-4540-2M	Silver White* Black*	SF BK*	 Height with Lens 0.69"	SPEC SHEET
		Recessed 6017 NF-CH-6017-2M	Silver White* Black*	CL SF BK*	 Height with Lens 0.69"	SPEC SHEET
Universal		Universal 2217 Magnetic/Suspended/Surface NF-CH-2217-2M	Silver White* Black*	CL SF BK*	 Height with Lens 0.68"	SPEC SHEET
Suspended		Suspended 3030 RN NF-CH-3030-RN-2M	Silver White* Black*	SF	 Height with Lens 0.68"	SPEC SHEET

DESIGN SERIES CHANNEL OPTIONS

NOVA[®]FLEX[®]

Surface		Surface 1707 NF-CH-1707-2M	Silver White* Black	CL SF SL* BK*	 Height with Lens 0.3"	SPEC SHEET
		Surface 1707 - 30° NF-CH-1707-C/CLEAR/30-2M	Silver White* Black	CL BK*	 Height with Lens 0.47"	SPEC SHEET
		Surface 1707 - 60° NF-CH-1707-C/CLEAR/60-2M	Silver White* Black	CL BK*	 Height with Lens 0.47"	SPEC SHEET
		Surface 1813 NF-CH-1813-2M	Silver White* Black	CL SF BK*	 Height with Lens 0.5"	SPEC SHEET
		Surface 3525 NF-CH-3525-2M	Silver White* Black*	CL SF BK*	 Height with Lens 0.99"	SPEC SHEET
Lens Only		Surface 4517 NF-CH-4517-2M	Silver White* Black*	CL SF BK*	 Height with Lens 0.70"	SPEC SHEET
		Channel-less 2913 NF-CH-2913-C/SOFT-2M	N/A	SF	 Height with Lens 0.55"	SPEC SHEET

Dotting with soft lens		DS-O-64	DS-O-128	DS-O-160	DS-O-240	DS-W-64	DS-W-128	DS-W-160	DS-W-240
Angled	1919U	2	1	1	1	x	x	x	x
	3030 SQ/CR	1	0	0	0	1	0	0	0
Bendable	1806	3	3	3	x	x	x	x	x
	3916	1	1	0	1	1	1	0	1
Mud-In	6214	1	1	1	1	2	1	1	1
Recessed	2515	1	0	0	x	x	x	x	x
	4540	0	0	0	0	0	0	0	0
	6017	1	1	0	0	1	1	0	0
Universal	2217	1	1	0	0	2	1	1	x
Suspended	3030 RN	0	0	0	0	1	0	0	0
Surface	1707	3	2	2	x	x	x	x	x
	1813	2	1	1	1	2	1	1	x
	3525	0	0	0	0	0	0	0	0
	4517	1	1	0	0	1	1	0	0
Channel-less	2913	1	0	0	0	x	x	x	x

0 - No Dotting

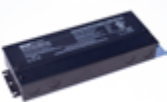
1 - Slight Dotting

2 - Blurred Dotting

3 - Clear Dotting

x Not Compatible

DESIGN SERIES DRIVER OPTIONS

	Product Image	Product Code	Wattage	Current/Voltage	Safety	Downloads
Universal Dim / Non-Dim		NF-PS-UNV-30W-24V Dim 0-10V, MLV, ELV TRIAC View spec sheet for all options	30W	Output Current: 1.25A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC	SPEC SHEET
		NF-PS-UNV-60W-24V Dim 0-10V, MLV, ELV TRIAC View spec sheet for all options	60W	Output Current: 2.5A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC	SPEC SHEET
		NF-PS-UNV-80W-24V Dim 0-10V, MLV, ELV TRIAC View spec sheet for all options	80W	Output Current: 3.33A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC	SPEC SHEET
		NF-PS-UNV-96W-24V Dim 0-10V, MLV, ELV TRIAC View spec sheet for all options	96W	Output Current: 4A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC	SPEC SHEET
		NF-PS-UNV-288W-24V Dim 0-10V, MLV, ELV TRIAC View spec sheet for all options	288W	Output Current: 3x4A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC	SPEC SHEET
		NF-PS-UNV-384W-24V Dim 0-10V, MLV, ELV TRIAC View spec sheet for all options	384W	Output Current: 4x4A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC	SPEC SHEET
0 - 10V Dim Only		NF-PS-MAXX-30W-24V-0/10V	30W	Output Current: 1.25A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC	SPEC SHEET
		NF-PS-MAXX-288W-24V-0/10V	288W	Output Current: 20A Input Voltage: 100-277 VAC	UL 7850 UL1310	SPEC SHEET
		NF-PS-96W-24V-0/10V	96W	Output Current: 0.96A Max Input Voltage: 120-277 VAC	UL8750 Class 2	SPEC SHEET
Lutron		NF-PS-L3DA-40W-24V-KL Lutron Hi-Lume 1% EcoSystem/3-Wire 24V	40W	Output Current: 3.3A Input Voltage: 120-277 VAC	UL8750 Class 2 Type TL	SPEC SHEET
		NF-PS-L3DO-96W-24V Lutron Hi-Lume Premier 0.1% EcoSystem/3-Wire 24V Constant Voltage	96W	Output Current: 4.0A Input Voltage: 120-277VAC	UL8750 CSA250.13-14 Class 2	SPEC SHEET

	Product Image	Product Code	Details	Downloads
S3i Series		S3i Glass Touch-Panel NF-S3i-TP-D	Required to Pair: S3i-WR-1009 Zones: 4 Power Consumption: 200ma Dimming Function: 0 - 100%	SPEC SHEET
		S3i Hand-Held Remote NF-S3i-WC-D	Required to Pair: S3i-WR-1009 Zones: 6 Dimming Function: 0 - 100% Battery Operated: 3 AAA	SPEC SHEET
		S3i Push Button Wall Mount NF-S3i-PB-D	Required to Pair: S3i-WR-1009 Zones: 1 Dimming Function: 0 - 100% Battery Operated: 3V (CR2025)	SPEC SHEET
		S3i Wireless Receiver All controls above require this product NF-S3i-WR-1009	Output Power: 240 - 720w Output Current: 4 CH. 5A/CH Input: 12 - 36V DC Dimming: 0 - 100% Can pair with NF-A-UNV	SPEC SHEET
Amplifier		Universal Amplifier NF-A-UNV	Input Voltage: 12 - 36V DC Input Signal: PWM Max Load Current: 20A (5A/4CH) Max Output Power: 240 - 720W	SPEC SHEET

DESIGN SERIES ACCESSORY OPTIONS

NOVA[®]FLEX

Product Image	Product Code	Dimensions
	Hardwire to Female Quick Connect Adapter NF-C-F	Available Lengths: 6in, 1ft, 2ft, 3ft, 4ft, 5ft, 6ft, & 10ft
	Hardwire to Male Quick Connect Adapter NF-C-M	Available Lengths: 6in, 1ft, 2ft, 3ft, 4ft, 5ft, 6ft, 8ft & 10ft
	Male to Female Quick Connect Adapter NF-C-MF	Available Lengths: 3ft, 6ft & 10ft
	Y Cable 2 Male, 1 Female NF-C-Y	Total Length: 20.00 in
	Y Cable 4 Male, 1 Female NF-C-Y-4Y	Total Length: 20.00 in
	Y Cable 8 Male, 1 Female NF-C-Y-8Y	Total Length: 17.25 in
	Female Quick Connect to Hardwire Adapter NF-C-F/HW	1.5 x 0.5 x 0.5 in
	Male Quick Connect to Hardwire Adapter NF-C-M/HW	1.5 x 0.5 x 0.5 in
	Hard Clips 20 per pack NF-CLIPS-H	1.125 x 0.25 in Clips add 0.125" to height of lights
	Soft Clips 20 per pack NF-CLIPS-S	1.125 x 0.25 in Clips add 0.125" to height of lights
	Universal Adjustable Clip NF-CH-UNV-CLIPS/ADJ	1.13 x 1.00 in

FOR MORE
INFORMATION
CLICK HERE



RESOURCES

WHY NOVA FLEX

ADDITIONAL
PRODUCT OPTIONS