

ADJUSTABLE DESIGN SERIES

NOVA FLEX®

The 90+ CRI Design Series Adjustable offers a wide range of whites to impact the places people live, work and play.

- K-temp range from 2100K - 5400K
- Adjust intensity/brightness independently
- Smooth, flicker-free Dimming



Product Codes IP65

IP68

NF/SP-DS-O-128-24V-AS

NF/SP-DS-W-128-24V-AS

NF-DS-O-160-24V-AS

NF/SP-W-160-24V-AS

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

Quality Assurance

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

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

	CCT	CRI	Lumens/ft	Efficacy (lm/w)	Power (w/ft)	Max Run
128	2100-5400K	90+	109 - 272	68 - 74	1.6 - 3.7	16.0 ft
160	2100-5400K	90+	138 - 343	65 - 84	2.1 - 4.5	13.1 ft

Lumens have a tolerance of +/- 10%.

Complete Solution

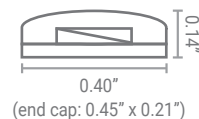
Step 1	Build the LED order code
Step 2	Select channel
Step 3	Select power and controls
Step 4	Select accessories
Step 5	Contact your Agent or Nova Flex

INSTALL GUIDE **PHOTOMETRICS**

Adjustable Design 128 **Please note, all IP68 LED products are NOT field-trimmable*

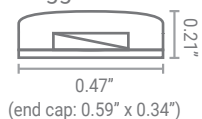


Standard IP65



(end cap: 0.45" x 0.21")

Rugged IP68

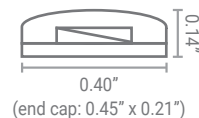


(end cap: 0.59" x 0.34")

Adjustable Design 160

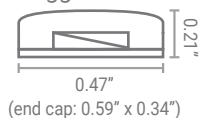


Standard IP65



(end cap: 0.45" x 0.21")

Rugged IP68



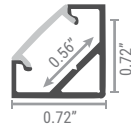
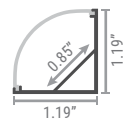
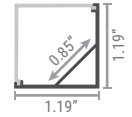
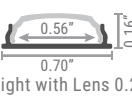
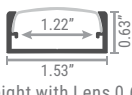
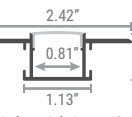
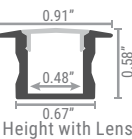
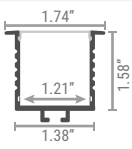
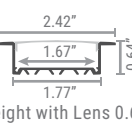
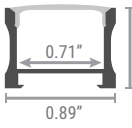
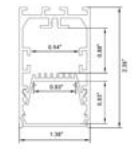
(end cap: 0.59" x 0.34")

*Special Order requires lead-time of 7 - 9 weeks. MOQ LED strip 328 feet | MOQ Channel 150 pcs (2M/pc)

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ADJUSTBALE SERIES CHANNEL OPTIONS



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	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	SPEC SHEET
	 Universal 3560 Recessed/Suspended/Surface Connectors: T/X/L/L-in/L-out NF-CH-3560-2M	Black White Silver*	SF SL BK *	 Height with Lens	SPEC SHEET

ADJUSTBALE SERIES CHANNEL OPTIONS



Suspended		Suspended 3030 RN NF-CH-3030-RN-2M	Silver White* Black*	SF		SPEC SHEET
		Surface 1707 NF-CH-1707-2M	Silver White* Black	CL SF SL* BK*		SPEC SHEET
Surface		Surface 1707 - 30° NF-CH-1707-C/CLEAR/30-2M	Silver White* Black	CL BK*		SPEC SHEET
		Surface 1707 - 60° NF-CH-1707-C/CLEAR/60-2M	Silver White* Black	CL BK*		SPEC SHEET
		Surface 1813 NF-CH-1813-2M	Silver White* Black	CL SF BK*		SPEC SHEET
		Surface 3525 NF-CH-3525-2M	Silver White* Black*	CL SF BK*		SPEC SHEET
		Surface 4517 NF-CH-4517-2M	Silver White* Black*	CL SF BK*		SPEC SHEET
Lens Only		Channel-less 2913 NF-CH-2913-C/SOFT-2M	N/A	SF		SPEC SHEET

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

0 - No Dotting

1 - Slight Dotting

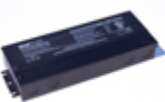
2 - Blurred Dotting

3 - Clear Dotting

X Not Compatible

ADJUSTBALE 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

ADJUSTBALE SERIES CONTROL OPTIONS

Product Image	Product Code	Details	Pair With	Downloads
S3i CONTROL SERIES:				
	S3i Touch Adjustable NF-S3i-TP-AS	Required to Pair: S3i-WR-1009 Zones: 4 Power Consumption: 200ma Dimming Function: 0 - 100%	NF-S3i-WR-1009	SPEC SHEET
	S3i Hand-held Adjustable NF-S3i-WC-AS	Required to Pair: S3i-WR-1009 Zones: 6 Dimming Function: 0 - 100% Battery Operated: 3 AAA	NF-S3i-WR-1009	SPEC SHEET
	S3i Push Button Wall Mount Adjustable NF-S3i-PB-AS	Required to Pair: S3i-WR-1009 Zones: 1 Dimming Function: 0 - 100% Battery Operated: 3V (CR2025)	NF-S3i-WR-1009	SPEC SHEET
	S3i Wireless Receiver NF-S3i-WR-1009	Output Power: 240 - 720w Output Current: 4 CH. 5A/CH Input: 12 - 36V DC Dimming: 0 - 100%	NF-A-UNV	SPEC SHEET
OTHER CONTROLS AND AMPLIFIER				
	LED DMX Decoder NF/SP-DMX-5A-4CH	Input Voltage: 12 - 24V DC Max Output Power: 480W Max Load Current: 20A (5A/4CH) Short Circuit / Over Load Recover Auto Control Method: DMX512 RJ45	Electronic Non-Dimming Driver	SPEC SHEET
	Universal Amplifier NF-A-UNV	Input Voltage: 12 - 36V DC Input Signal: PWM Max Load Current: 20A (5A/4CH) Max Output Power: 240 - 720W	All Above Products	SPEC SHEET

ADJUSTBALE SERIES ACCESSORY OPTIONS



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