



NOVA MODULAR SUSPENSION UP & DOWN LIGHT

24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE



DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | US PATENT ISSUED

REV 02.18.22



DESCRIPTION

The Nova Suspension Up & Down LED Modular System combines the Nova Suspension Channel with various L, T, and X connectors for building geometric configurations, allowing you to be the fixture designer. The Nova Modular is a fixture that features both direct and indirect light with Tunable White, Up and Down Light control of Kelvin color function as one. Dynamic Tunable White 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Day Light White). **2K6K** is ideal for residential spaces including, dining rooms, bedrooms, living spaces, and bathrooms by allowing the user to achieve a warm glow during the golden hours of the early mornings and evenings. For commercial environments, **27K6** promotes focus and alertness which is ideal for offices, healthcare and education, while still achieving warmer color temperatures best for hospitality and retail environments. Human-Centric lighting, or tunable white, promotes performance, mood, and overall well-being by fine-tuning the emotional effects that light has on the circadian cycle. Use with two dimmers (one for each color temperature) or, use our proprietary Tunable White Controller for fast and accurate adjustment (Ordered separately). We provide layout and direction for easy installation. System includes a 5 year pro-rated warranty. For Custom Quotes, Finishes, Lengths and layout assistance, email our Design Team: design@PureEdgeLighting.com.

FEATURES & BENEFITS

- **Low Profile:** 1.24" x 2.23" channel
- **Remote Power Supply:** Up to 100 watt — Remote Power Supplies may be located up to 40' away
- **Length Options:** 12" to 120"
- **Wattage:** 10 watts
- **5 Finish Options**
- **High Lumen Output:** Up to 782 lm/ft
- **Color Temperature:** Dynamic Tunable White (**2K6K** or **27K6**)
- **High CRI:** Up to 95+
- **50,000 Hour Lamp Life**
- **2 Lens Options:** 100° Diffused White or 60° Clear Frosted
- **2 Louver Options:** Black or White
- **Easy Installation:** Fully Assembled Push-in connectors

FINISHES



APPLICATIONS

Designed for Indoor Use Only. Ideal Applications include commercial, architectural and retail spaces as well as offices and conference rooms.

INCLUDED COMPONENTS

- High Grade LED Strip, installed to fit length
- Lens: Downlight - Diffused White 100° Lens or Clear Frosted 60° Lens; Uplight - Clear Frosted 60° Lens
- Channel with Suspension Cables
- White or Black Louver (if selected)

COMPONENTS SOLD SEPARATELY

- Surface Mount or Remote Power Supply
- End Caps and L, T, and X Connectors
- Power End Caps and Power Connectors (Includes Power Canopies)

REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS (SOLD SEPARATELY)

- **0-10V:** Requires two dimmers, one for intensity and one for color temperature
- **DMX Dynamic Color Changing:** Must be used with PureEdge [Controllers](#)

*In-Wall Mounting and drop ceiling Kits available for select power supplies

APPROVALS

Damp Location, ETL Listed, Class 2 wiring, Assembled in America

System	Wattage Per Foot	Nominal Size in Inches	Color Temperature	Finish
NSUDDM	10W	120	2K6K	SN
NSUDDM Nova Suspension Up/Down Modular, Diffused White 100° Lens without Louver	10W 10 Watt, 120" (10ft) max length (5W up and 5W down)	12-120 Order in various increments from 12" to 120"	2K6K Tunable White 2000K-6500K 27K6 Tunable White 2700K-6500K	BK Black Powder Paint CH Chrome SB Satin Brass* SN Satin Nickel WH White Powder Paint
NSUDDWM Nova Suspension Up/Down Modular, Diffused White 100° Lens with White Louver				*Includes Black End Caps, Wires, and Canopy.
NSUDCWM Nova Suspension Up/Down Modular, Clear Frosted 60° Lens with White Louver				
NSUDDBM Nova Suspension Up/Down Modular, Diffused White 100° Lens with Black Louver				
NSUDCBM Nova Suspension Up/Down Modular, Clear Frosted 60° Lens with Black Louver				

*See length chart for exact dimensions (pg. 5)

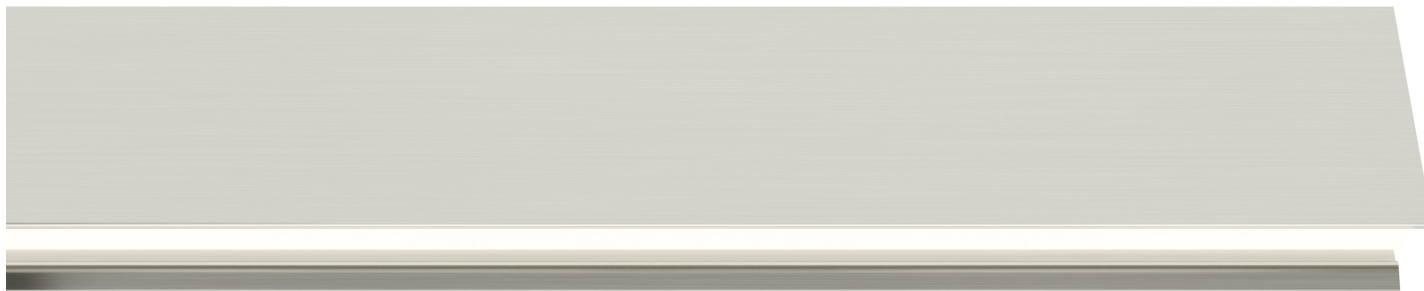
PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

NOVA MODULAR SUSPENSION UP & DOWN LIGHT

24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

NOVA SUSPENSION UP/DOWN MODULAR CHANNEL WITH DIFFUSED WHITE LENS

Nova Suspension Up/Down Modular Channel is the primary component of the Nova Modular system. The 24VDC channel may be ordered from 12"-120" and includes a Diffused White 100° lens for the Down Light, and a Clear Frosted 60° Lens for the Up Light. The White lens disperses the light evenly without dots. Suspension Cables are included with the LED Channel and Lens for every 5'. The Channel runs as long as 10' with 10 watts per foot per foot before refeeding. Send us your design ideas and we will provide the layout, parts list, and directions for easy installation: design@PureEdgeLighting.com.



Diffused White Lens without Louver

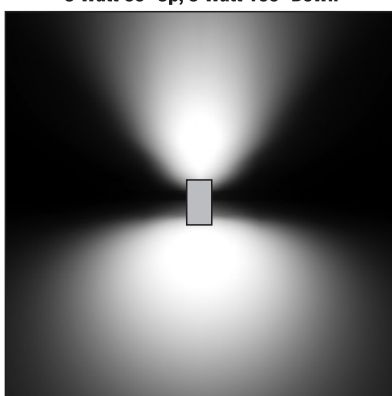
LAMP DATA: Lamp data for Nova Up and Downlight without Louver

NSUDDM, NSUDDWM, NSUDDBM, NSUDCWM, NSUDCBM																
DESCRIPTION	60° Clear Frosted Lens - Uplight															
WATTS PER FOOT	2K6K - 5w (4.6 watts)								27K6 - 5w (4.6 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	282	296	311	353	363	374	384	366	354	353	363	374	384	370	366	354
LUMENS PER WATT (lm/w)	70	64	68	89	91	91	90	91	90	89	91	91	90	90	91	90
CRI	83+	83+	92+	93+	93+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

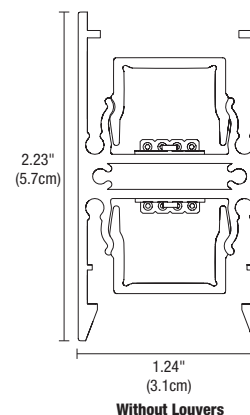
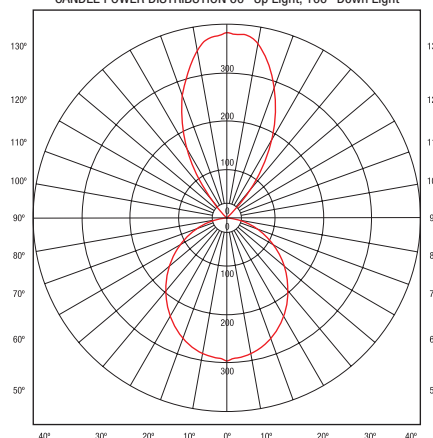
NSUDDM																
DESCRIPTION	100° Diffused White Lens - Downlight															
WATTS PER FOOT	2K6K - 5w (4.6 watts)								27K6 - 5w (4.6 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	235	247	259	294	302	311	320	304	295	294	302	311	320	308	304	295
LUMENS PER WATT (lm/w)	59	54	56	74	76	76	75	76	75	74	76	76	75	75	76	75
CRI	83+	83+	92+	93+	93+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

Nova Downlight 5 Watt 100°	
Distance	Foot Candles
1'	152
1.5'	100
2'	74
3'	47
4'	34
5'	25
6'	20
7'	15
8'	13

BEAM SPREAD CHART NSUDDM 3000K 10 Watt 5 Watt 60° Up, 5 Watt 100° Down

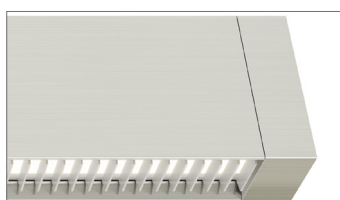


CANDLE POWER DISTRIBUTION 60° Up Light, 100° Down Light

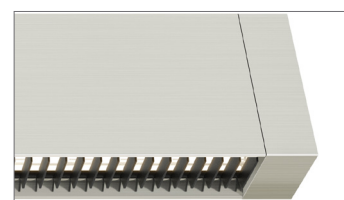


DIFFUSED WHITE LENS

MODULAR END CAP



DIFFUSED WHITE LENS WHITE LOUVER



CLEAR FROSTED LENS BLACK LOUVER

PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

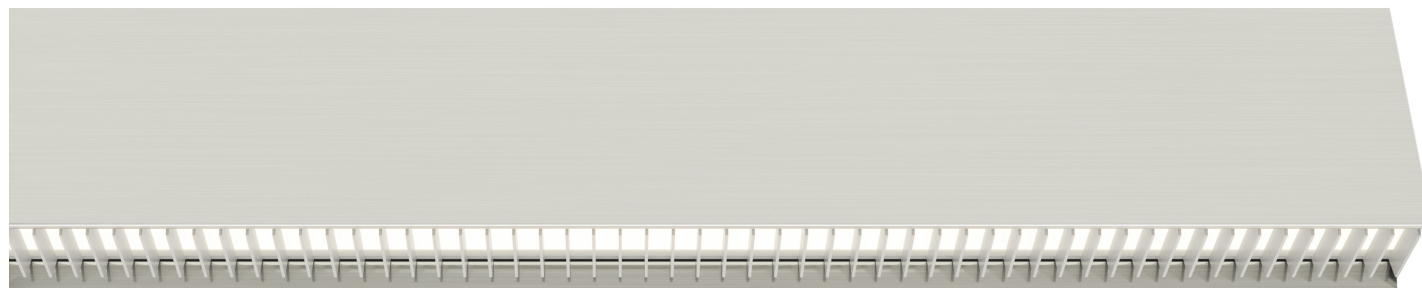
NOVA MODULAR SUSPENSION UP & DOWN LIGHT

24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

NOVA SUSPENSION UP/DOWN MODULAR CHANNEL WITH DIFFUSED WHITE LENS AND CLEAR FROSTED LENS WITH WHITE LOUVER

Nova Suspension Up/Down Modular Channel is the primary component of the Nova Modular system. The 24VDC channel may be ordered from 12" to 120" and includes a Diffused White lens or Clear Frosted Lens for the Down Light, and a Clear Frosted 60° Lens for the Up Light. The White lens disperses the light evenly without dots. The Clear Frosted lens gives the most light, but will have slight dotting when looking straight up into the light, which the White Louver helps reduce, while preserving more lumen.. The Channel runs as long as 10' with 10 watts per foot per foot before refeeding. Send us your design ideas and we will provide the layout, parts list, and directions for easy installation: design@PureEdgeLighting.com.

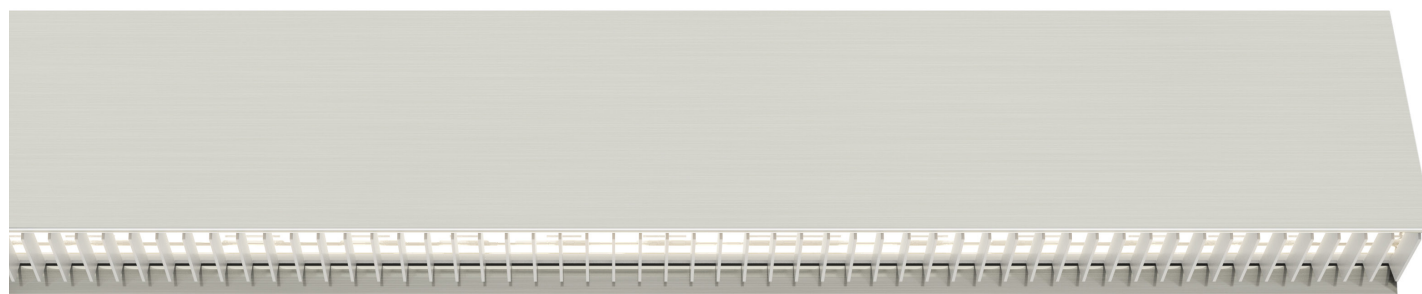
	NSUDDM, NSUDDWM, NSUDDBM, NSUDCWM, NSUDCBM															
DESCRIPTION	60° Clear Frosted Lens without Louver - Uplight															
WATTS PER FOOT	2K6K 5W (4.6 watts)								27K6 5W (4.6 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	282	296	311	353	363	374	384	366	354	353	363	374	384	370	366	354
LUMENS PER WATT (lm/w)	70	64	68	89	91	91	90	91	90	89	91	91	90	90	91	90
CRI	83+	83+	92+	93+	93+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+



Frosted Lens with White Louver (Not actual size)

LAMP DATA: Lamp data for Nova Up and Downlight Channel with White Louver

	NSUDDWM															
DESCRIPTION	100° Diffused White Lens with White Louver - Downlight															
WATTS PER FOOT	2K6K 5W (4.6 watts)								27K6 5W (4.6 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	164	173	181	206	212	218	224	213	206	206	212	218	224	216	213	206
LUMENS PER WATT (lm/w)	41	38	39	52	53	53	52	53	52	52	53	53	52	52	53	52
CRI	83+	83+	92+	93+	93+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+



Clear Lens with White Louver (Not actual size)

LAMP DATA: Lamp data for Nova Up and Downlight Nova Channel with White Louver

	NSUDCWM															
DESCRIPTION	60° Clear Frosted Lens with White Louver - Downlight															
WATTS PER FOOT	2K6K 5W (4.6 watts)								27K6 5W (4.6 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	197	208	218	247	254	262	269	256	248	247	254	262	269	259	256	248
LUMENS PER WATT (lm/w)	49	45	47	62	64	64	63	64	63	62	64	64	63	63	64	63
CRI	83+	83+	92+	93+	93+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

NOVA MODULAR SUSPENSION UP & DOWN LIGHT

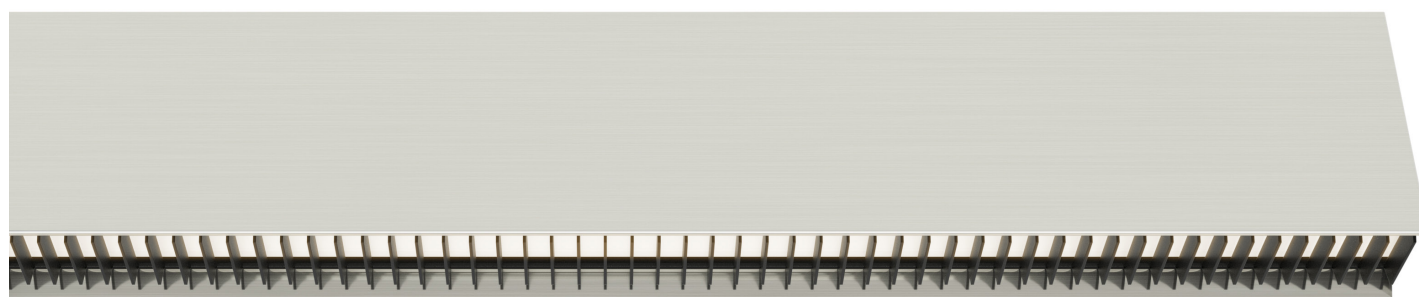
24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

NOVA SUSPENSION UP/DOWN MODULAR CHANNEL WITH DIFFUSED WHITE LENS AND CLEAR FROSTED LENS WITH BLACK LOUVER

Nova Suspension Up/Down Modular Channel is the primary component of the Nova Modular system. The 24VDC channel may be ordered from 12" to 120" and includes a Diffused White lens or Clear Frosted Lens for the Down Light, and a Clear Frosted 60° Lens for the Up Light. The White lens disperses the light evenly without dots. The Clear Frosted Lens gives the most light, with the black louver it gives at least 35% less lumens than it would with no louver. Slight dotting occurs when looking straight up into the light and the Black louver cuts out the most glare. The Channel runs as long as 10' with 10 watts per foot per foot before refeeding. Send us your design ideas and we will provide the layout, parts list, and directions for easy installation:

design@PureEdgeLighting.com.

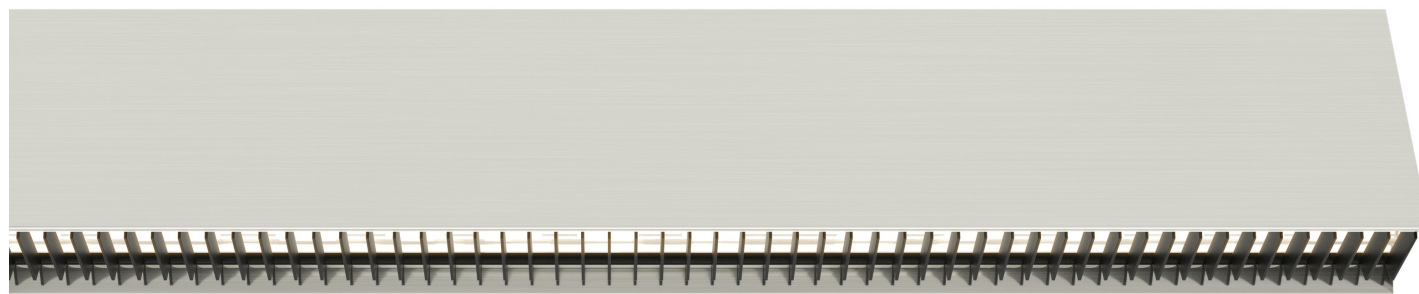
	NSUDDM, NSUDDWM, NSUDDBM, NSUDCWM, NSUDCBM															
DESCRIPTION	60° Clear Frosted Lens without Louver - Uplight															
WATTS PER FOOT	2K6K 5W (4.6 watts)								27K6 5W (4.6 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	282	296	311	353	363	374	384	366	354	353	363	374	384	370	366	354
LUMENS PER WATT (lm/w)	70	64	68	89	91	91	90	91	90	89	91	91	90	90	91	90
CRI	83+	83+	92+	93+	93+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+



Frosted Lens with Black Louver (Not actual size)

LAMP DATA: Lamp data for Nova Up and Downlight Channel with Black Louver

	NSUDDBM															
DESCRIPTION	100° Diffused White Lens with Black Louver - Downlight															
WATTS PER FOOT	2K6K 5W (4.6 watts)								27K6 5W (4.6 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	366	354	129	132	136	140	140	133	129	129	132	136	140	135	133	129
LUMENS PER WATT (lm/w)	91	90	32	33	33	33	33	33	33	33	33	33	33	33	33	33
CRI	93+	93+	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+



Clear Lens with Black Louver (Not actual size)

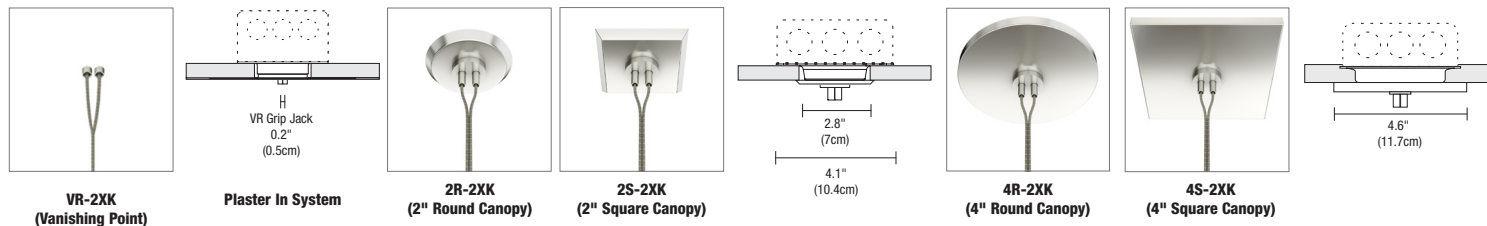
LAMP DATA: Lamp data for Nova Up and Downlight Nova Channel with Black Louver

	NSUDCBM															
DESCRIPTION	60° Clear Frosted Lens with Black Louver - Downlight															
WATTS PER FOOT	2K6K 5W (4.6 watts)								27K6 5W (4.6 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	123	130	136	155	159	164	168	160	155	155	159	164	168	162	160	155
LUMENS PER WATT (lm/w)	31	28	30	39	40	40	39	40	39	39	40	40	39	39	40	39
CRI	83+	83+	92+	93+	93+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

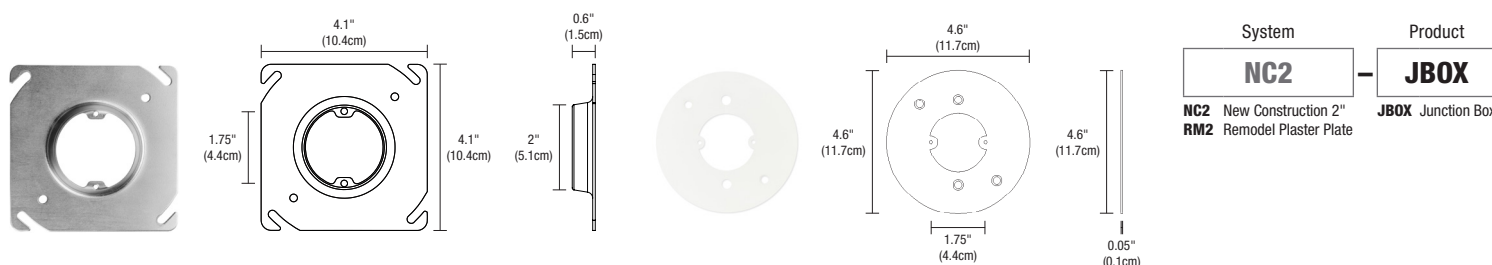
REMOTE POWER CANOPIES

The 2" Round and Square canopies include a NC2-JBOX junction box cover. The 4" canopies mount to a standard 4" junction box. Vanishing point is the only truly trimless and flush design available on the market with cables that disappear into the ceiling. Refer to the [Vanishing Point specification](#) for details and requirements including millwork options.

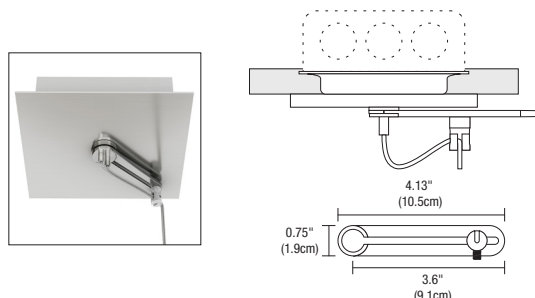


NEW CONSTRUCTION & REMODEL 2" COVER FOR 4" SQUARE JUNCTION BOX

The New Construction NC2-JBOX cover is included with the 2" round and square canopies and is not required for the 4" square canopies. The NC2 cover mounts to a standard 4" junction or octagon box accommodating the 2" Plaster Ring for use with the 2R and 2S canopies. The Remodel RM2-JBOX plaster plate cover can be used with an existing 4" square junction box. The PS-60L-ELV-24VDC (50 Watt IC, 60 Watt Non-IC) fits within the junction box for a seamless aesthetic.



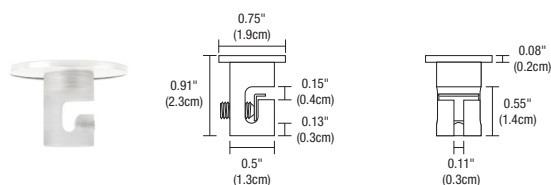
ACCESSORIES Additional components may be required based on lighting design and application.



CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK

Channel Suspension Adjustable Swag Bar and Hook allows a cable to form a straight connection to the channel when the Power Canopy is not located directly above the fixture. Use when you have two or more canopies (power supplies) on the same fixture run. The Adjustable Swag Hook is compatible with the 2R, 2S, 4R and 4S Power Canopies (Canopy not included).

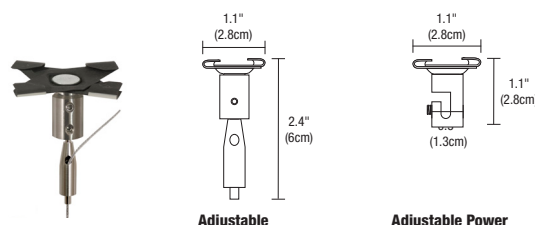
Product	Type	Finish
CS	ADJ-DP-SWAG	SN
CS Channel Suspension	ADJ-SWAG Adjustable Swag Hook for Static White ADJ-DP-SWAG Dual Post Adjustable Swag Hook for 2K4K & RGB	SN Satin Nickel



CHANNEL SUSPENSION SWAG HOOK

The clear plastic Swag Hook extends a cable from an electrical box that is not located directly above desired fixture location.

System	Type
CS	SWAG
CS Channel Suspension	SWAG Swag Hook



CHANNEL SUSPENSION ADJUSTABLE T-BAR CLIP

Channel Suspension Adjustable T-Bar Clip mounts to T-Bar grid ceilings. Adjustable is offered in Satin Nickel, Clear plastic for Adjustable Power.

Product	Type	Options
CS	TBAR	A
CS Channel Suspension	TBAR 9/16" and 15/16"	A Adjustable AP Adjustable Power

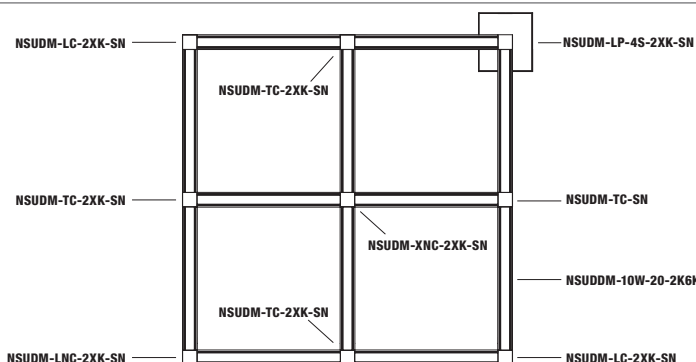
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

NOVA MODULAR SUSPENSION UP & DOWN LIGHT

24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

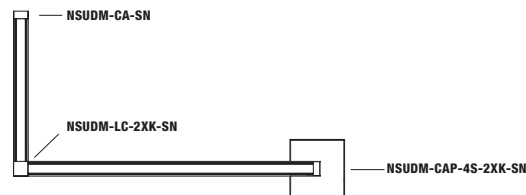
COMPONENTS: Power End Cap, End Cap, Joining Connector, and Raceway Channel

Indicates 24VDC Power Flow

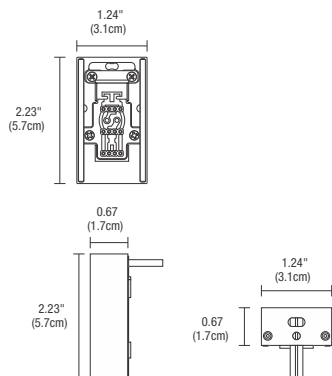


MODULAR CONFIGURATIONS

Use L, T and X connector to design any Modular formation.



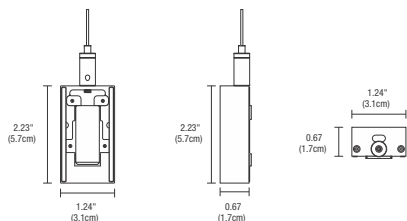
For custom design and layout assistance, send drawings to design@PureEdgeLighting.com.



END CAP POWER CABLE WITH CANOPY OR WITH NO CANOPY

The End Cap Power Connector joins Nova Suspension Up/Down Modular channels and provide power from a remote power supply through a 2" or 4" canopy or use the EZ ordering code for no canopy and surface mount power canopies (sold separately). Also includes 12' of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

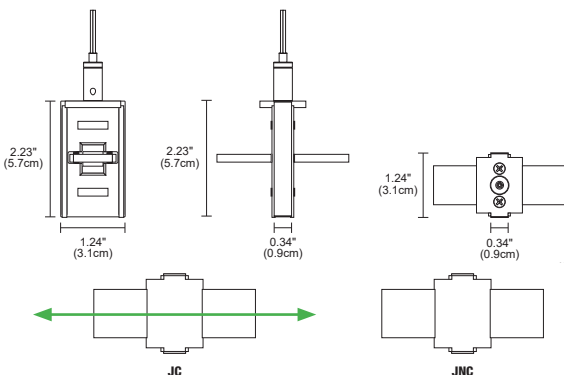
System	Type	Power Canopy	Color Temperature	Finish
NSUDM	CAP	2R	2XK	SN
NSUDM Nova Suspension Up/ Down Modular	CAP End Cap Power	2R 2.8" Round Canopy w/ Two Pair Wire 2S 2.8" Square Canopy w/ Two Pair Wire 4R 4.6" Round Canopy w/ Two Pair Wire 4S 4.6" Square Canopy w/ Two Pair Wire VR Vanishing Point Plaster in system with No Canopy w/ Two Pair Wire EZ End of cable with no Canopy, used for Surface Mount Power Supplies	2XK Tunable	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint



END CAP

End Caps terminate the Nova Suspension Up/Down Modular channel run and provide a finished look.

System	Type	Finish
NSUDM	CA	SN
NSUDM Nova Suspension Up/Down Modular	CA End Cap	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint



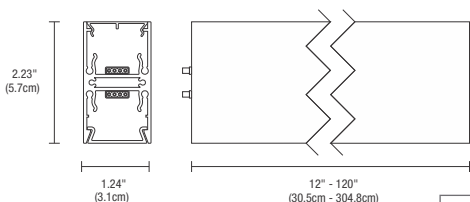
JOINING CONNECTOR

Joining Connector joins two sections of Nova Suspension Up/Down Modular channels in straight runs. It is electrically powered from the previous channel (**JC**) or isolates the power (**JNC**). Includes 12' of aircraft cable, which easily adjusts at connector.

System	Type	Color Temperature	Finish
NSUDM	JC	2XK	SN
NSUDM Nova Suspension Up/Down Modular	JC Joining Connector JNC Joining Non-Conductive Connector	2XK Tunable	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

BLANK CHANNEL - HORIZONTAL

Blank Horizontal Channel physically joins two Nova Suspension Up/Down Modular channel sections, providing structure to desired horizontal configurations without illumination. It also conducts power from one section to another. Includes 12' of aircraft cable, which easily adjusts at connector.

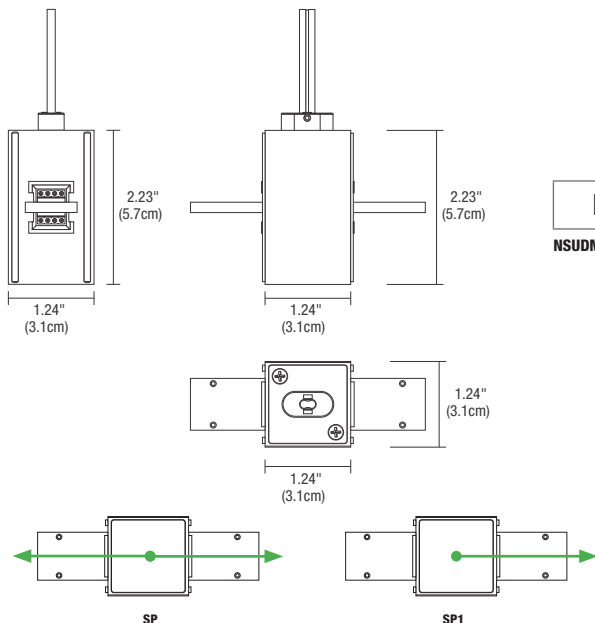


System	Type	Length in Inches	Color Temperature	Finish
NSUDM	BCH	120	2XK	SN
NSUDM Nova Suspension Up/Down Modular	BCH Blank Channel Horizontal	12-120 Order in 12" increments up to 120". May be custom ordered in 3, 5, 8 or 10" increments.	2XK Tunable	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint BZ Antique Bronze Rail

PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

STRAIGHT POWER CONNECTOR WITH CANOPY

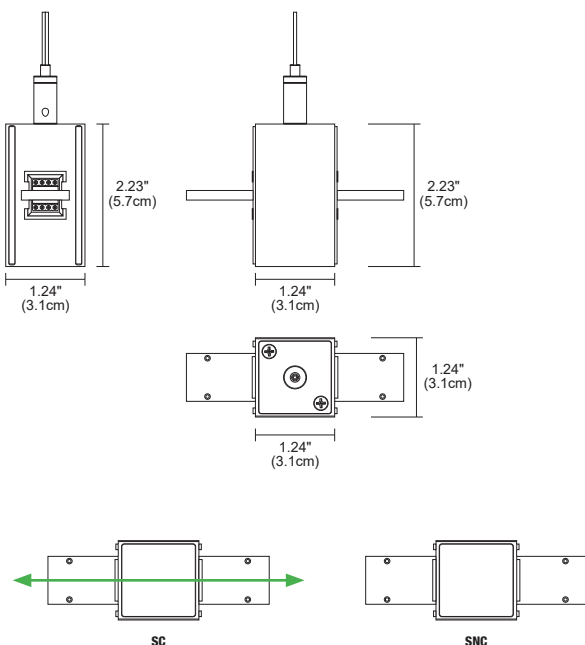
The Straight Power Connector joins two sections of Nova Suspension Up/Down Modular channels to create endless linear lighting configurations. Use as a center power feed (**SP**) electrically powering two sections from a remote power supply or feed the power to one section (**SP1**). Choose the 2" or 4" canopy or use the EZ ordering code for no canopy and use surface mount power canopies (sold separately). Also includes 12' of power cable, which easily adjusts at the canopy with the push-in grip jack connector.



System	Type	Power Canopy	Color Temperature	Finish
NSUDM	SP	2R	2XK	SN
NSUDM Nova Suspension Up/Down Modular	SP Straight Center Power Connector, Conductive in 2 sections SP1 Straight Power Connector, Conductive in 1 Section	2R 2.8" Round Canopy w/ Two Pair Wire 2S 2.8" Square Canopy w/ Two Pair Wire 4R 4.6" Round Canopy w/ Two Pair Wire 4S 4.6" Square Canopy w/ Two Pair Wire VR Vanishing Point Plaster in system with No Canopy w/ Two Pair Wire EZ End of cable with no Canopy, used for Surface Mount Power Supplies	2XK Tunable	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

STRAIGHT CONNECTOR

Straight Connector joins two sections of Nova Suspension Up/Down Modular channels. It is electrically powered from the previous channel (**SC**) or isolates the power (**SNC**). Includes 12' of aircraft cable, which easily adjusts at connector.



System	Type	Color Temperature	Finish
NSUDM	SC	2XK	SN
NSUDM Nova Suspension Up/Down Modular	SC Straight Conductive Connector SNC Straight Non-Conductive Connector	2XK Tunable	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

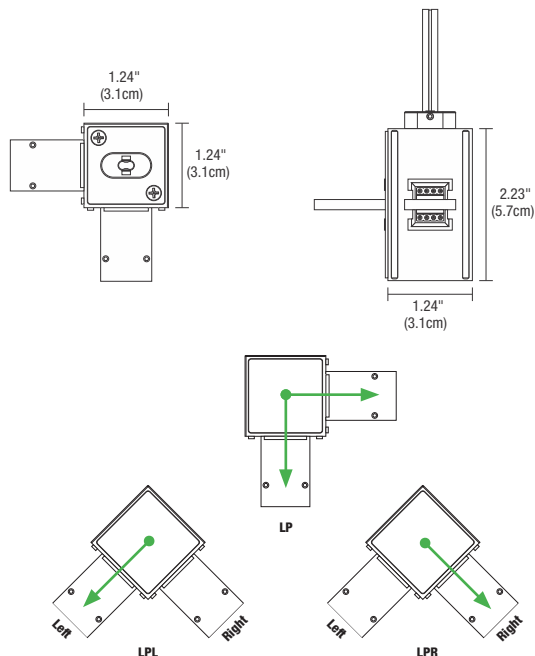
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

NOVA MODULAR SUSPENSION UP & DOWN LIGHT

24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

Components: L-Shaped Connectors

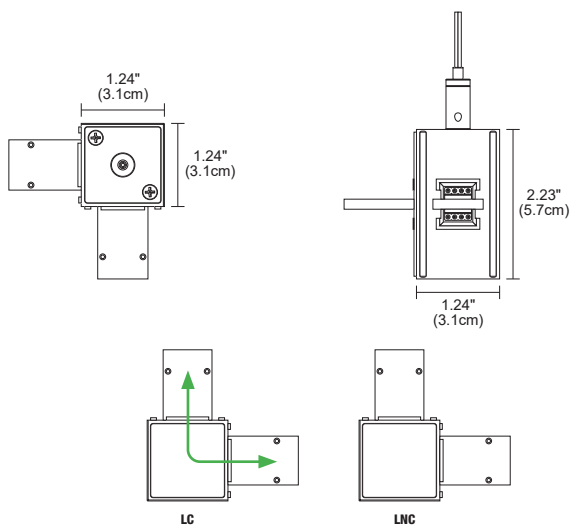
Indicates 24VDC Power Flow



L-SHAPED POWER CONNECTOR WITH CANOPY

L-Shaped Power Connector joins two sections of Nova Suspension Up/Down Modular channels at 90° apart. It electrically conducts the power from a remote power supply to section(s): all sections (**LP**), the left section (**LPL**) or right section (**LPR**). Choose the 2 or 4" canopy or use the EZ ordering code for no canopy and use surface mount power canopies (sold separately). Also includes 12' of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

System	Type	Power Canopy	Color Temperature	Finish
NSUDM	LP	2R	2XK	SN
NSUDM Nova Suspension Up/Down Modular	LP L-Shaped Power Connector, Conductive on 2 Sections LPL L-Shaped Power Connector, Conductive on Left Section LPR L-Shaped Power Connector, Conductive on Right Section	2R 2.8" Round Canopy w/ Two Pair Wire 2S 2.8" Square Canopy w/ Two Pair Wire 4R 4.6" Round Canopy w/ Two Pair Wire 4S 4.6" Square Canopy w/ Two Pair Wire VR Vanishing Point Plaster in system with No Canopy w/ Two Pair Wire EZ End of cable with no Canopy, used for Surface Mount Power Supplies	2XK Tunable	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint



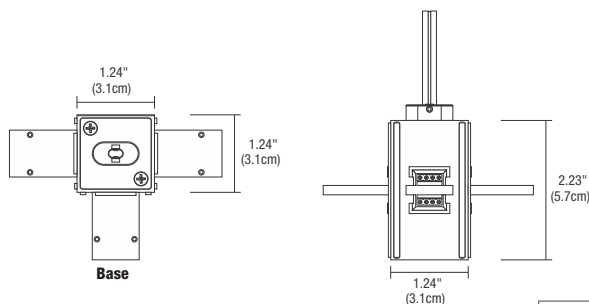
L-SHAPED CONNECTOR

L-Shaped Connector joins two sections of Nova Suspension Up/Down Modular channels at 90° apart, conducting the power (**LC**) or isolating the power (**LNC**). Includes 12' of aircraft cable, which easily adjusts at connector.

System	Type	Color Temperature	Finish
NSUDM	LC	2XK	SN
NSUDM Nova Suspension Up/Down Modular	LC L-Shaped Conductive Connector LNC L-Shaped Non-Conductive Connector	2XK Tunable	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

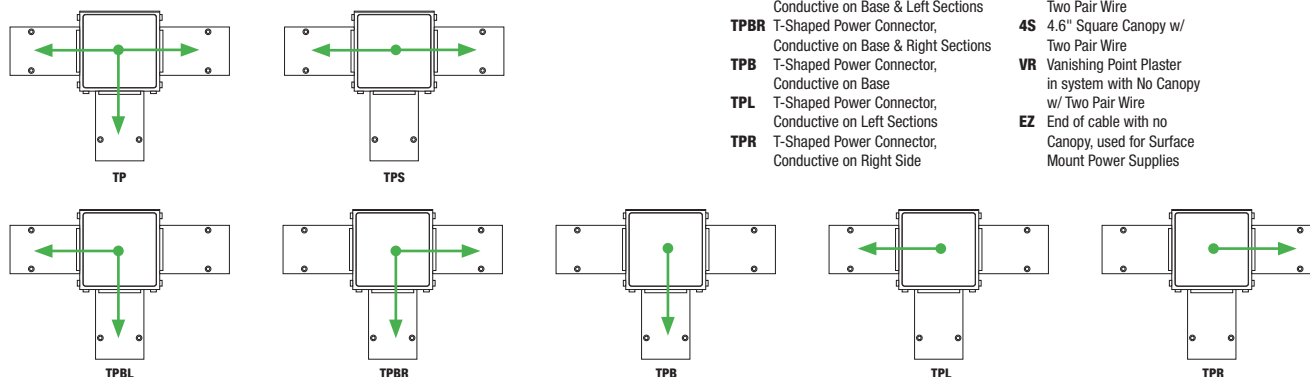
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

Components: T-Shaped Connectors

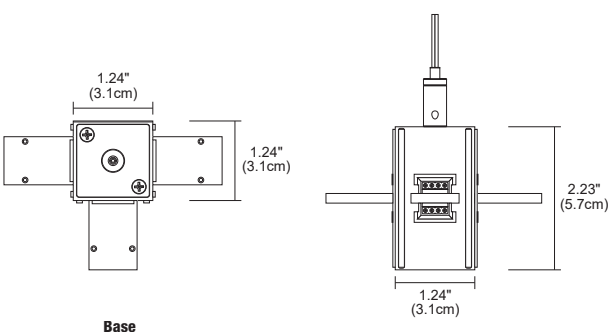


T-SHAPED POWER CONNECTOR WITH CANOPY

The T-Shaped Power Connector joins three sections of Nova Suspension Up/Down Modular channels at 90° apart. It electrically conducts the power from a remote power supply to section(s): all sections (**TP**), straight left to right (**TPS**), base to left (**TPBL**), base to right (**TPBR**), base (**TPB**), left (**TPL**) or right (**TPR**). Choose the 2" or 4" canopy or use the EZ ordering code for no canopy and use surface mount power canopies (sold separately). Also includes 12' of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

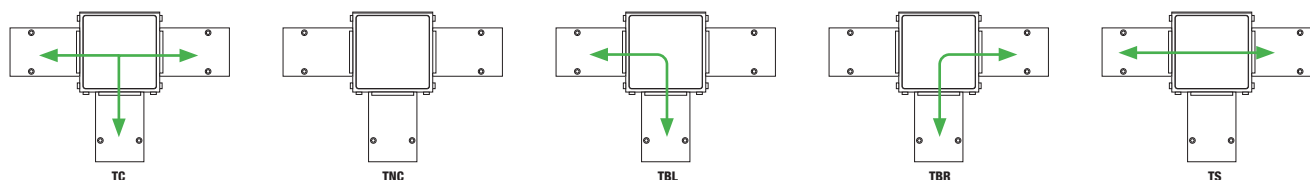


System	Type	Power Canopy	Color Temperature	Finish
NSUDM	TP	2R	2XK	SN
NSUDM Nova Suspension Up/Down Modular	TP T-Shaped Power Connector, Conductive on 3 Sections	2R 2.8" Round Canopy w/ Two Pair Wire	2XK Tunable	BK Black Powder Paint
	TPS T-Shaped Connector, Conductive through Left & Right Sections	2S 2.8" Square Canopy w/ Two Pair Wire		CH Chrome
	TPBL T-Shaped Power Connector, Conductive on Base & Left Sections	4R 4.6" Round Canopy w/ Two Pair Wire		SN Satin Nickel
	TPBR T-Shaped Power Connector, Conductive on Base & Right Sections	4S 4.6" Square Canopy w/ Two Pair Wire		WH White Powder Paint
	TPB T-Shaped Power Connector, Conductive on Base	VR Vanishing Point Plaster in system with No Canopy w/ Two Pair Wire		
	TPL T-Shaped Power Connector, Conductive on Left Sections	EZ End of cable with no Canopy, used for Surface Mount Power Supplies		
	TPR T-Shaped Power Connector, Conductive on Right Side			



T-SHAPED CONNECTORS

T-Shaped Connector joins three sections of Nova Suspension Up/Down Modular channels at 90° apart. It isolates the power of each section (**TNC**); or electrically conducts the power to section(s): all sections (**TC**), base to left section (**TBL**), base to right section (**TBR**) or straight from left to right section (**TS**). Includes 12' of aircraft cable, which easily adjusts at connector.



System	Type	Color Temperature	Finish
NSUDM	TC	2XK	SN
NSUDM Nova Suspension Up/Down Modular	TC T-Shaped Conductive Connector	2XK Tunable	BK Black Powder Paint
	TNC T-Shaped Non-Conductive Connector		CH Chrome
	TBL T-Shaped Connector, Conductive on Base and Left Sections		SN Satin Nickel
	TBR T-Shaped Connector, Conductive on Base and Right Sections		WH White Powder Paint
	TS T-Shaped Connector, Conductive Straight through Left and Right Sections		

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

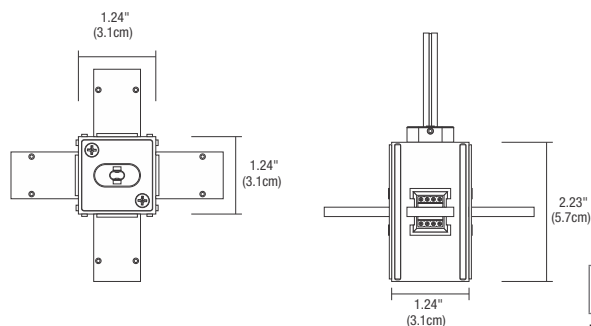
NOVA MODULAR SUSPENSION UP & DOWN LIGHT

24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

REV 02.18.22

Components: X-Shaped Connectors and 120° Connectors

Indicates 24VDC Power Flow

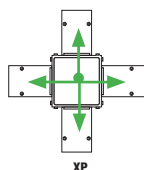


Base

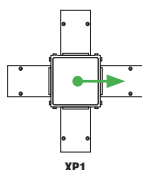
X-SHAPED POWER CONNECTOR WITH CANOPY

X-Shaped Power Connector joins four sections of Nova Suspension Up/Down Modular channels at 90° apart. It electrically conducts the power from a remote power supply to section(s): all sections (**XP**), one section (**XP1**), straight through two sections (**XPS**), two sections with 90° turn (**XP90**), or in a T-Shaped section (**XPT**). Choose the 2" or 4" canopy or use the EZ ordering code for no canopy and use surface mount power canopies (sold separately). Also includes 12' of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

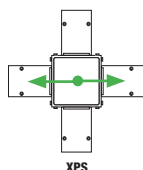
System	Type	Power Canopy	Color Temperature	Finish
NSUDM	XP	2R	2XK	SN
NSUDM Nova Suspension Up/Down Modular	XP X-Shaped Power Connector, Conductive on 4 Sections	2R 2.8" Round Canopy w/ Two Pair Wire	2XK Tunable	BK Black Powder Paint
	XP1 X-Shaped Power Connector, Conductive on 1 Section	2S 2.8" Square Canopy w/ Two Pair Wire		CH Chrome
	XPS X-Shaped Power Connector, Conductive Straight through 2 Sections	4R 4.6" Round Canopy w/ Two Pair Wire		SN Satin Nickel
	XP90 X-Shaped Power Connector, Conductive on 2 Sections, 90 Degree Turn	4S 4.6" Square Canopy w/ Two Pair Wire		WH White Powder Paint
	XPT X-Shaped Power Connector, Conductive on 3 Sections	VR Vanishing Point Plaster in system with No Canopy w/ Two Pair Wire		
		EZ End of cable with no Canopy, used for Surface Mount Power Supplies		



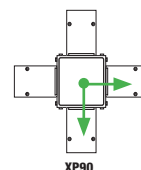
XP



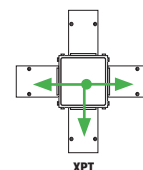
XP1



XPS



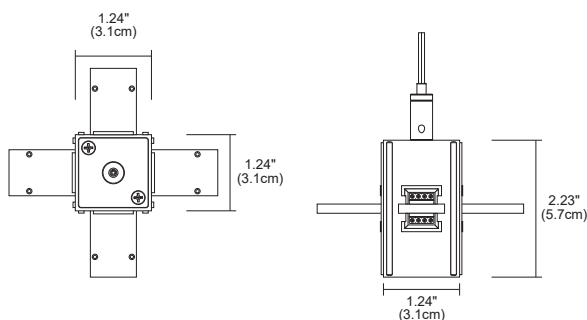
XP90



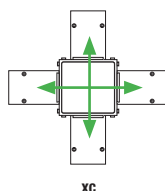
XPT

X-SHAPED CONNECTOR

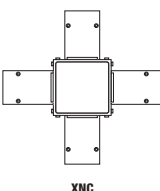
X-Shaped Connector joins four sections of Nova Suspension Up/Down Modular channels at 90° apart. It isolates the power of each section (**XNC**) or electrically conducts the power to section(s): all sections (**XC**), straight through two sections (**XS**), two sections with 90° turn (**X90**), or in a T-Shaped section (**XT**). Includes 12' of aircraft cable, which easily adjusts at connector.



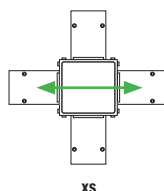
System	Type	Color Temperature	Finish
NSUDM	XC	2XK	SN
NSUDM Nova Suspension Up/Down Modular	XC X-Shaped Conductive Connector	2XK Tunable	BK Black Powder Paint
	XNC X-Shaped Non-Conductive Connector		CH Chrome
	XS X-Shaped Connector, Conductive Straight through 2 Sections		SN Satin Nickel
	X90 X-Shaped Connector, Conductive on 2 Sections, 90° Turn		WH White Powder Paint
	XT X-Shaped Connector, Conductive on 3 Sections		



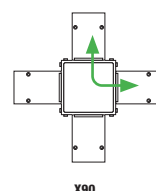
XC



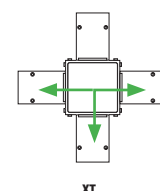
XNC



XS



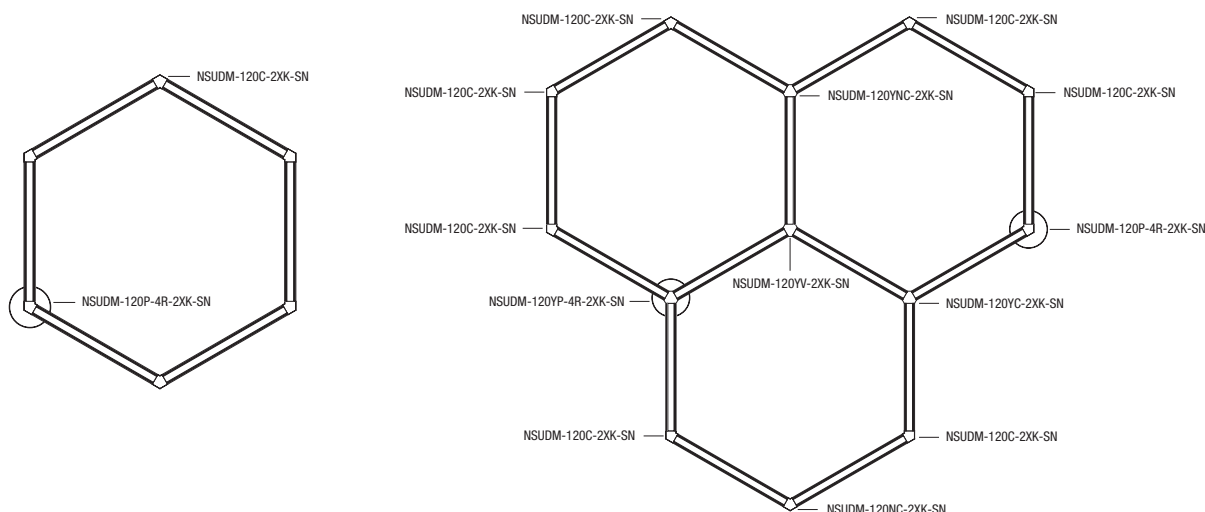
X90



XT

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

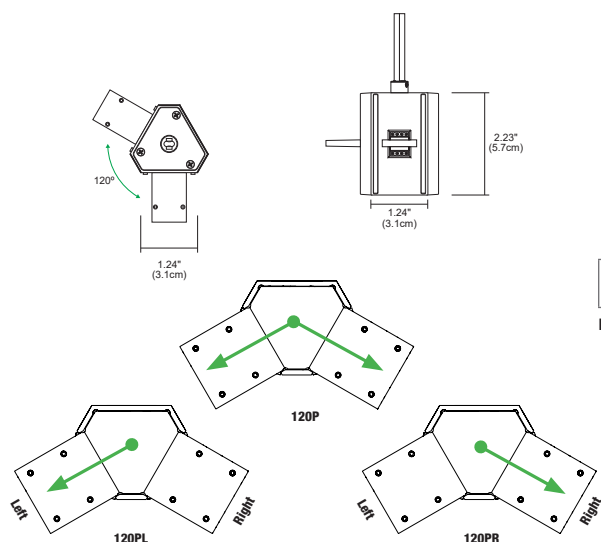
Components: 120° Connectors



Hexagon Configuration, 120° connectors: Use 120P and 120C to design any size from 25" to 25'

120° POWER CONNECTOR WITH CANOPY

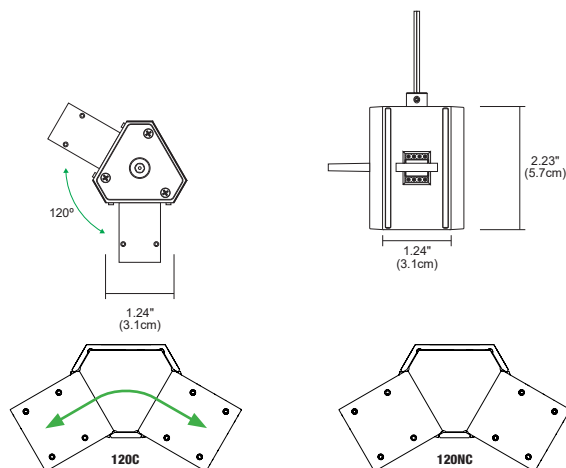
120° Power Connector joins two sections of Nova Suspension Modular Downlight at 120° apart. It electrically conducts the power from a remote power supply to section(s): all sections (**120P**), the left section (**120PL**) or right section (**120PR**). Choose the 2" or 4" canopy, or use the EZ code for surface mount power supply. Also includes 12' of power cable, which easily adjusts at the canopy with the push-in grip jack connector.



System	Type	Power Canopy	Color Temperature	Finish
NSUDM	120P	2R	2XK	SN
NSUDM Nova Suspension Up/Down Modular	120P 120° Power Connector	2R 2.8" Round Canopy w/ Two Pair Wire	2XK Tunable	BK Black Powder Paint
	120PL 120° Power Connector, Conductive on Left Sections	2S 2.8" Square Canopy w/ Two Pair Wire		CH Chrome
	120PR 120° Power Connector, Conductive on Right Sections	4R 4.6" Round Canopy w/ Two Pair Wire		SN Satin Nickel
		4S 4.6" Square Canopy w/ Two Pair Wire		WH White Powder Paint
		VR Vanishing Point Plaster in system with No Canopy w/ Two Pair Wire		
		EZ End of cable with no Canopy, used for Surface Mount Power Supplies		

120° CONNECTOR

120° Connector joins two sections of Nova Suspension Modular Downlight at 120° apart, conducting the power to all sections (**120C**) or isolating the power (**120NC**). Includes 12' of adjustable aircraft cable and ceiling anchors.



System	Type	Color Temperature	Finish
NSUDM	120C	2XK	SN
NSUDM Nova Suspension Up/Down Modular	120C 120° Connector	2XK Tunable	BK Black Powder Paint
	120NC 120° Non-Conductive Connector		CH Chrome
			SN Satin Nickel
			WH White Powder Paint

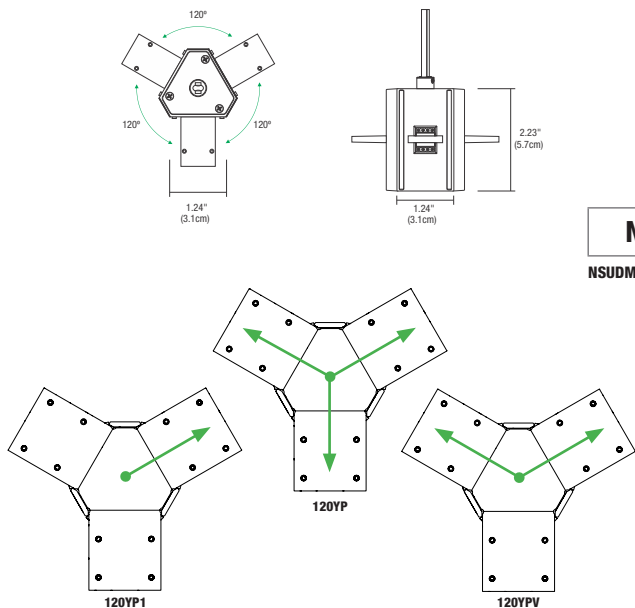
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

Honeycomb Configuration, 120° connectors: Use 120YP, 120P, 120YC, and 120C to design any size from 25" to 25'

Indicates 24VDC Power Flow

120° Y-SHAPED POWER CONNECTOR WITH CANOPY

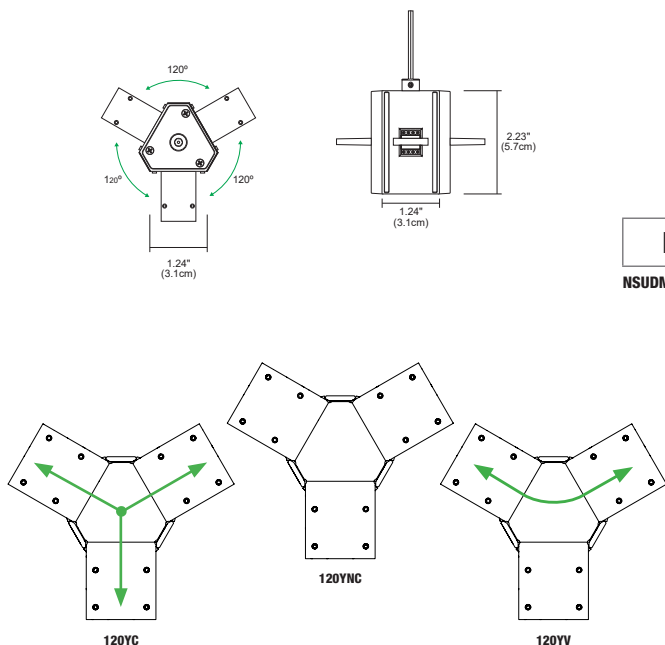
120° Y-Shaped Power Connector joins and powers three sections of Nova Suspension Modular Downlight at 120° apart. It electrically conducts the power from a remote power supply to section(s): all sections (**120YP**), one section (**12YP1**) or two sections (**120YPV**). Choose the 2" or 4" canopy, or use the EZ code for surface mount power supply. Also includes 12' of power cable, which easily adjusts at the canopy with the push-in grip jack connector.



System	Type	Power Canopy	Color Temperature	Finish
NSUDM	120YP	2R	2XK	SN
NSUDM Nova Suspension Up/Down Modular	120YP 120° Y-Shaped Power Connector Conductive 1 Section 120YP1 120° Y-Shaped Power Connector 120YPV 120° Y-Shaped Power Connector, Conductive 2 Sections	2R 2.8" Round Canopy w/ Two Pair Wire 2S 2.8" Square Canopy w/ Two Pair Wire 4R 4.6" Round Canopy w/ Two Pair Wire 4S 4.6" Square Canopy w/ Two Pair Wire VR Vanishing Point Plaster in system with No Canopy w/ Two Pair Wire EZ End of cable with no Canopy, used for Surface Mount Power Supplies	2XK Tunable	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

120° Y-SHAPED CONNECTOR

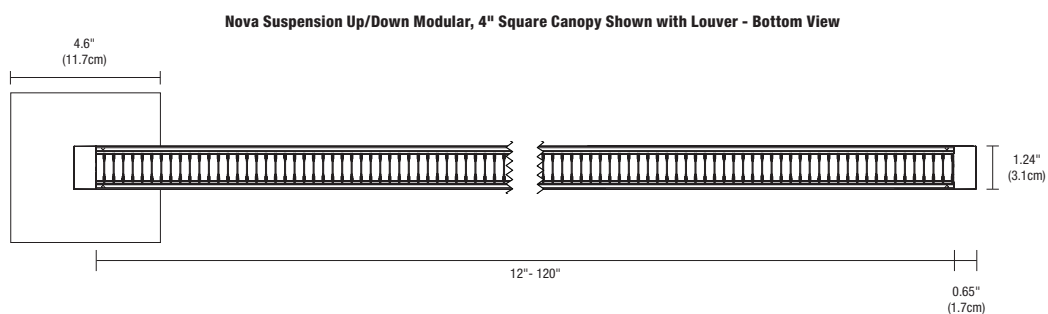
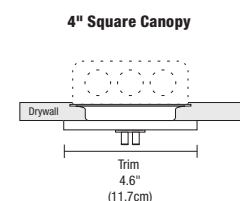
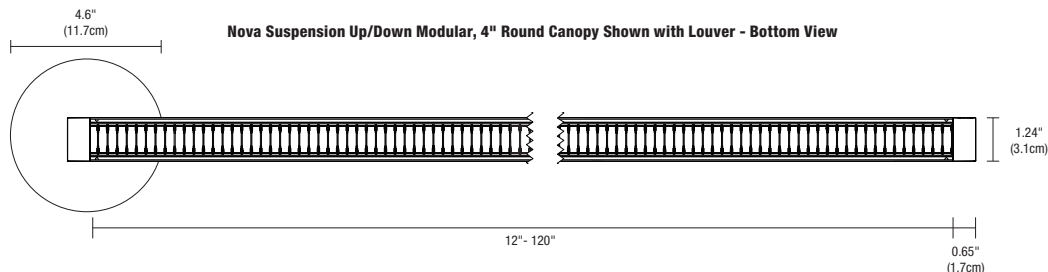
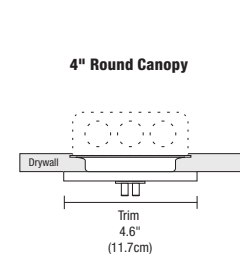
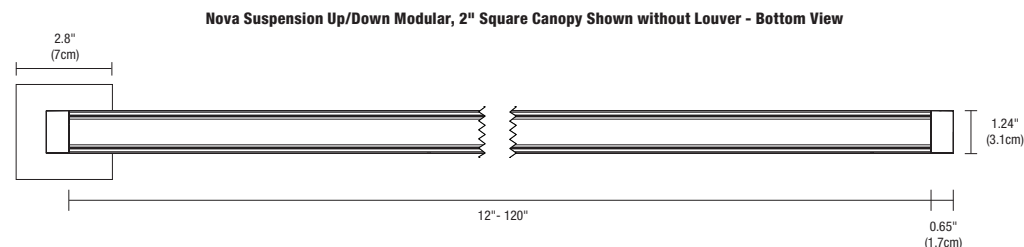
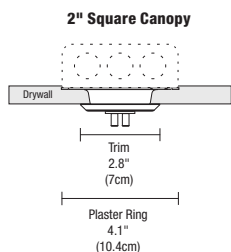
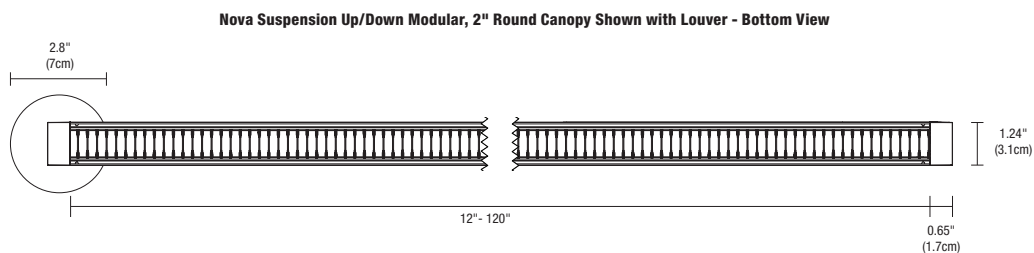
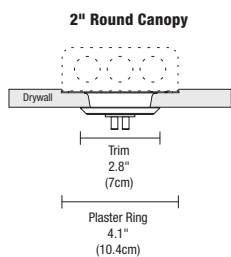
120° Y-Shaped Connector joins three sections of Nova Suspension Modular Downlight at 120° apart. It isolates the power of each section (**120YNC**); or electrically conducts the power to section(s): all sections (**120YC**) or straight through two sections (**120YV**). Includes 12' of adjustable aircraft cable and ceiling anchors.



System	Type	Color Temperature	Finish
NSUDM	120YNC	2XK	SN
NSUDM Nova Suspension Up/Down Modular	120YC 120° Y-Shaped Conductive Connector 120YNC 120° Y-Shaped Non-Conductive Connector 120YV 120° Y-Shaped Conductive Straight through 2 Sections	2XK Tunable	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

Drawings: Drawings are shown with 2" round canopy, 2" square canopy, 4" round canopy, and 4" square canopy



PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

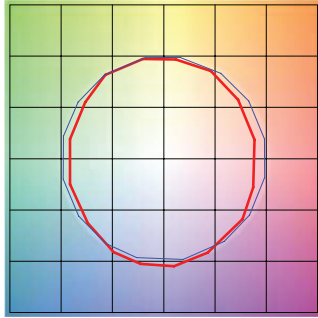
TM30 DATA

24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

TM-30-15 DATA: The data below is for SS2C, SS5C and SS7C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2200K | Rf: 83.9 | Rg: 94.9

Color Vector Graphic

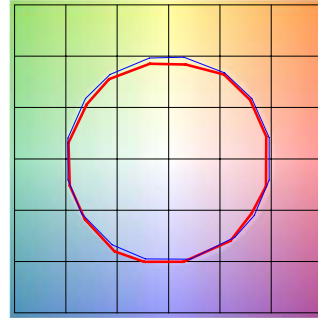


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	78.8	-9.5%	1.3%
2	80.7	-7.8%	6.7%
3	78.2	-3.3%	9.4%
4	89.7	-2.8%	3.6%
5	93.2	-0.8%	2.6%
6	93.0	-0.6%	-0.7%
7	87.7	-5.9%	-3.5%
8	89.2	-6.8%	1.9%
9	83.4	-5.6%	6.0%
10	79.3	-3.7%	10.8%
11	81.4	2.9%	11.1%
12	84.9	5.3%	4.9%
13	88.1	4.9%	-10.1%
14	68.1	0.1%	-19.5%
15	86.0	-3.3%	-7.3%
16	76.4	-8.9%	-11.7%

2400K | Rf: 84.5 | Rg: 94.4

Color Vector Graphic

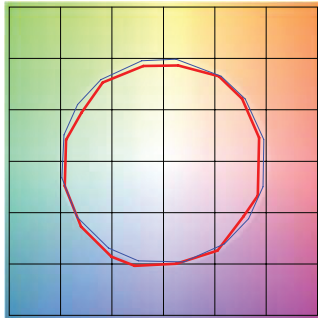


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	92	-2.4%	1.5%
2	94.7	-2.1%	-0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

2700K | Rf: 87.7 | Rg: 96.1

Color Vector Graphic

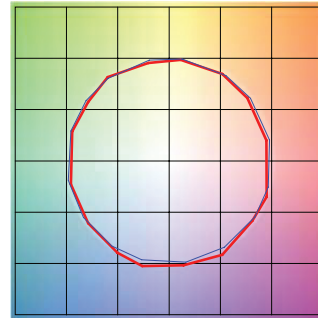


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	88.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

3000K | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

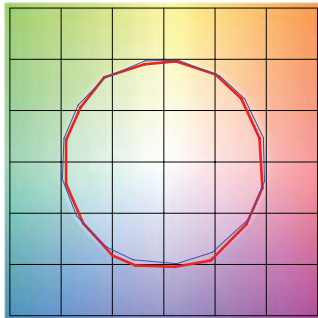


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

3500K | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

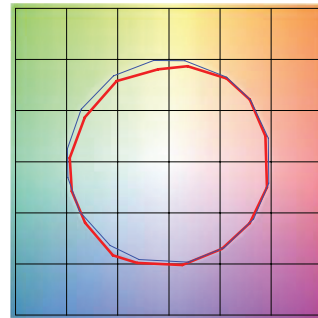


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

4000K | Rf: 87.6 | Rg: 96.8

Color Vector Graphic



■ Test ■ Reference

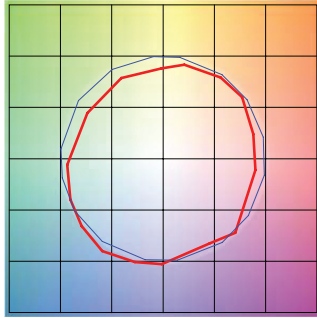
GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	88.9	-2.4%	2.5%
2	93.3	-0.4%	0.8%
3	94.8	-1.0%	-0.6%
4	87.9	-4.9%	-3.6%
5	85.3	-9.4%	-2.6%
6	90.2	-6.0%	0.2%
7	85.3	-7.6%	4.6%
8	83.7	-4.1%	8.2%
9	79.5	-1.1%	13.8%
10	78.6	1.5%	12.1%
11	83.5	6.4%	7.8%
12	90.9	3.6%	-1.1%
13	88.3	1.7%	-6.3%
14	91.9	-0.4%	-2.2%
15	84.5	-0.9%	-5.5%
16	84.7	-1.1%	-4.4%

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

TM-30-15 DATA: The data below is for SS2C, SS5C and SS7C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

5700K | Rf: 80.3 | Rg: 91.5

Color Vector Graphic

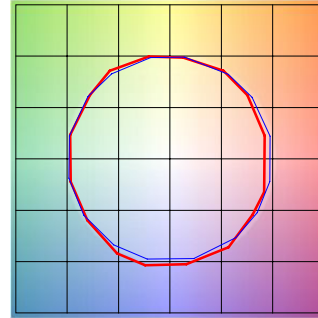


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	75.4	-8.9%	4.7%
2	87.5	-2.6%	4.6%
3	90.7	-3.0%	-0.5%
4	83.2	-6.0%	-5.7%
5	76.2	-12.9%	-5.3%
6	81.4	-11.9%	-2.6%
7	74.8	-14.0%	5.1%
8	69.0	-9.0%	14.1%
9	72.6	-3.6%	22.2%
10	71.4	2.7%	16.1%
11	81.3	7.9%	5.3%
12	83.6	4.1%	-9.4%
13	78.4	0.7%	-15.3%
14	77.7	-6.2%	-11.0%
15	68.8	-1.3%	-21.2%
16	80.8	-9.6%	3.3%

2700D | Rf: 89.5 | Rg: 100.8

Color Vector Graphic

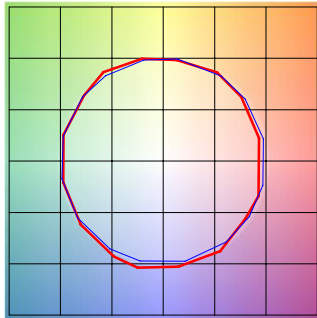


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	88.8	-5.1%	1.4%
2	89.8	-2.7%	4.1%
3	87.2	0.3%	5.9%
4	92.3	-0.9%	1.0%
5	93.3	1.5%	1.7%
6	92.4	3.6%	-0.2%
7	92.2	-0.9%	-2.4%
8	96.7	-0.4%	-1.1%
9	92.3	-1.2%	3.7%
10	88.9	-0.0%	6.1%
11	86.4	5.1%	7.4%
12	88.2	6.3%	-0.9%
13	87.2	3.8%	-8.1%
14	84.2	3.8%	-11.0%
15	89.8	-2.6%	-4.3%
16	82.7	-3.4%	-11.1%

3000D | Rf: 89.8 | Rg: 101.4

Color Vector Graphic

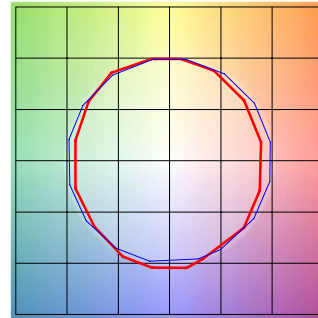


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	90.2	-4.2%	1.5%
2	90.9	-2.0%	3.7%
3	87.9	0.8%	5.5%
4	92.1	-0.9%	0.6%
5	93.0	1.5%	1.6%
6	92.2	3.9%	-0.2%
7	92.1	-0.3%	-2.0%
8	96.7	0.0%	-1.2%
9	92.5	-0.6%	3.7%
10	88.3	1.1%	7.0%
11	87.2	4.1%	7.4%
12	87.2	6.7%	-1.0%
13	88.2	3.8%	-7.2%
14	85.3	4.3%	-9.9%
15	90.9	-2.2%	-3.6%
16	83.4	-2.2%	-11.2%

2000K ONLY (2K6K/27K6) | Rf: 84.3 | Rg: 96.9

Color Vector Graphic

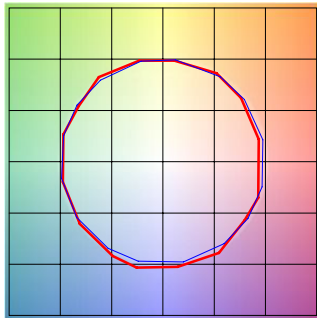


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	80.3	-8.9%	1.7%
2	79.7	-7.0%	7.8%
3	78.9	-2.9%	10.0%
4	89.5	-0.5%	5.1%
5	94.4	0.7%	1.7%
6	92.1	2.4%	-0.3%
7	89.4	-2.4%	-5.9%
8	89.7	-6.4%	-0.2%
9	86.0	-4.9%	4.6%
10	81.8	-3.4%	9.3%
11	83.1	3.3%	9.7%
12	85.8	5.6%	3.3%
13	85.6	6.2%	-12.8%
14	61.7	-1.9%	-19.0%
15	79.7	-3.3%	-12.9%
16	78.1	-7.9%	-10.6%

3000K (2K6K/27K6) | Rf: 90.2 | Rg: 101.4

Color Vector Graphic

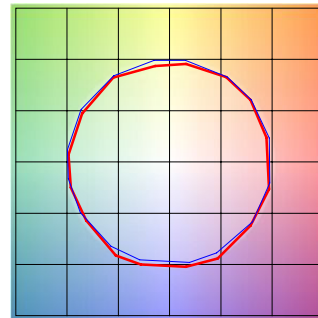


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	90.9	-3.8%	1.3%
2	91.7	-1.9%	3.3%
3	88.7	0.7%	5.1%
4	92.4	-1.0%	0.7%
5	92.9	0.9%	1.7%
6	93.1	3.3%	-0.6%
7	91.0	-1.8%	-0.4%
8	97.0	0.2%	-1.1%
9	92.8	-0.5%	3.6%
10	88.3	1.0%	7.0%
11	87.1	3.8%	7.8%
12	87.6	6.5%	-0.3%
13	89.3	3.6%	-6.3%
14	86.1	4.5%	-9.1%
15	91.6	-1.9%	-3.1%
16	83.8	-1.5%	-11.2%

4000K ONLY (2K6K/27K6) | Rf: 89.6 | Rg: 99.1

Color Vector Graphic



■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	91.3	-2.5%	1.0%
2	95.3	-0.5%	0.5%
3	94.3	-0.7%	1.1%
4	91.1	-3.4%	-1.1%
5	89.5	-5.6%	0.0%
6	94.6	-1.4%	1.3%
7	93.2	-3.0%	2.6%
8	91.3	-1.8%	4.6%
9	86.5	-0.9%	9.1%
10	83.3	-0.5%	9.5%
11	83.3	4.9%	9.0%
12	89.7	4.1%	1.7%
13	90.1	3.6%	-4.3%
14	93.4	5.2%	-2.1%
15	87.4	0.4%	-4.3%
16	86.6	0.4%	-6.1%

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

TM30 DATA

24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

TM-30-15 DATA: The data below is for SS2C, SS5C and SS7C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

6500K ONLY (2K6K/27K6) | Rf: 86.8 | Rg: 96.8

Color Vector Graphic

