NOVA SUSPENSION UP/DOWN MODULAR SYSTEM - REMOTE POWER

REV 04.12.18

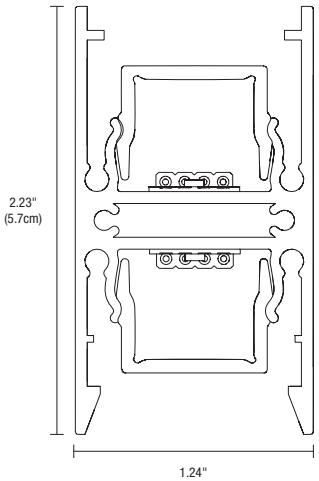
DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA
PATENT PENDING

Diffused White Lens

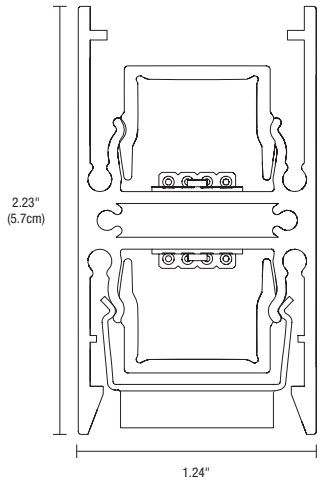
Modular End Cap

Diffused White Lens
White Louver

Clear Frosted Lens
Black Louver



Without Louvers
(Shown Actual Size)



Downlight shown with louver
(Shown Actual Size)

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 2-circuit fixture that features both direct and indirect light with individual dimming controls. We provide layout and direction for easy installation. Every fixture includes a 5 year warranty. For quotes, custom paint and parts list, send drawings to Design@PureEdgeLighting.com.

Features & Benefits

- **Low Profile:** 1.24 x 2.23 inch channel
- **Remote Power Supply:** Up to 200 watt (End Feed), up to 400 watt (Center Feed)—Remote Power Supplies may be located up to 40 feet away
- **Length Options:** 12 to 120 inches
- **3 Wattage Options:** 7, 10 or 12 watts
- **5 Available Finishes**
- **High Lumen Output:** Up to 992 lm/ft
- **8 Color Temperature Options:** 22K - 57K, 27D, and 30D Warm Dim
- **High CRI:** Up to 95+
- **50,000 Hour Lamp Life**
- **2 Lens Options:** Diffused White and Clear Frosted
- **2 Louver Options:** Black or White
- **Easy Installation:** Push-in connectors

Applications

- Indoor Only - Hallway, Office, Conference Room, and Retail

Nova Channel Components Included

- LED 5oz Copper Strip
- Lens: Downlight - Diffused White 100 Degree Lens or Clear Frosted 60 Degree Lens with White or Black louver; Uplight - Clear Frosted 60 Degree Lens
- Channel with Suspension Cables
- 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)

- Electronic Low Voltage Dimming (ELV)
- 0-10 Volt Dimming (0-10V)
- Lutron Hi-Lume®

*In-Wall Mounting Kits available for select power supplies

PROJECT		FIXTURE TYPE		DATE	

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Lamp Data: Lamp data for all Nova Uplight Channels

	NSUDDM, NSUDDWM, NSUDDBM, NSUDCWM, NSUDCBM													
DESCRIPTION	60 Degree Diffused Clear Frosted Lens without Louver - Uplight													
WATTS PER FOOT	2w (2.5 watts)						5w (4.4 watts)							
COLOR TEMPERATURE	22K	27K	30K	35K	40K	57K	22K	27K	27D*	30K	30D*	35K	40K	57K
LUMENS PER FOOT (lm/ft)	126	154	168	192	209	222	242	295	267	322	292	369	401	427
LUMENS PER WATT (lm/w)	50	61	67	77	84	89	55	67	56	73	61	84	91	97
CRI	85+	95+	95+	85+	84	84	85+	95+	95+	95+	95+	85+	84	84

*27D, 30D - Warm Dim (4.8 Watts)

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 inches and includes an optional 0.80 inch Diffused White lens or Clear Frosted lens. The White lens disperses the light evenly without dots. Suspension Cables are included with the LED Channel and Lens for every 5 feet. The Channel runs as long as 40 feet with 5 watts per foot and up to 26 feet with 7.5 watts per foot before refeeding. Use Dual Connector center feed with canopy to double the length.

Diffused White Lens (Actual Size)
Diffused White Lens without Louver (Not actual size)

Lamp Data: Lamp data for Nova Downlight without Louver

	NSUDDM													
DESCRIPTION	100 Degree Diffused White Lens without Louver - Downlight													
WATTS PER FOOT	5w (4.4 watts)								7w (7.5 watts)					
COLOR TEMPERATURE	22K	27K	27D*	30K	30D*	35K	40K	57K	22K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	201	245	302	268	330	307	334	355	320	390	426	488	531	565
LUMENS PER WATT (lm/w)	46	56	63	61	69	70	76	81	44	53	58	67	73	77
CRI	85+	95+	95+	95+	95+	85+	84	84	85+	95+	95+	85+	84	84

System		Wattage Per Foot		Nominal Size in Inches		Color Temperature		Finish
NSUDDM	–	**7W**	–	**120**	–	**22K**	–	**SN**

NSUDDM Nova Suspension Up/Down Modular, Diffused White 100 Degree lens without Louver

7W 6.9 Watt, 420"(35ft) max length (2.5W up and 4.4W down)
10W 8.8 Watt, 420" (35ft) max length (4.4W up and 4.4W down)
12W 11.9 Watt, 320" (26ft) max length (4.4W up and 7.5W down)

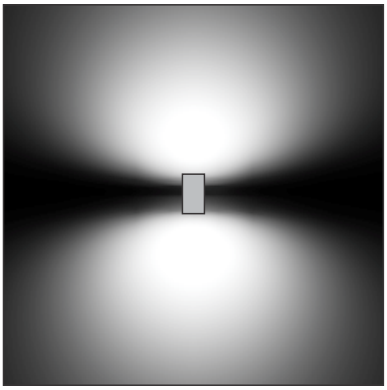
12-120 Order in various increments from 12 inches to 120 inches

22K 2200K Amber White
27K 2700K Very Warm White
27D 2700K Warm Dim (5W only)
30K 3000K Warm White
30D 3000K Warm Dim (5W only)
35K 3500K Neutral White
40K 4000K Cool White
57K 5700K Daylight White

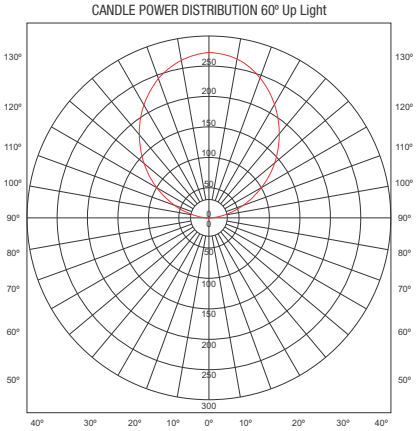
BK Black Powder Paint
CH Chrome
SB Satin Brass
SN Satin Nickel
WH White Powder Paint

BEAM SPREAD CHART

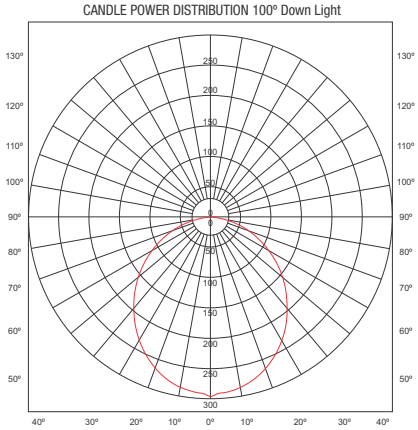
NSUD 3000K 10 Watt
60º Up, 100º Down



CANDLE POWER DISTRIBUTION 60º Up Light



CANDLE POWER DISTRIBUTION 100º Down Light



PROJECT		FIXTURE TYPE		DATE	

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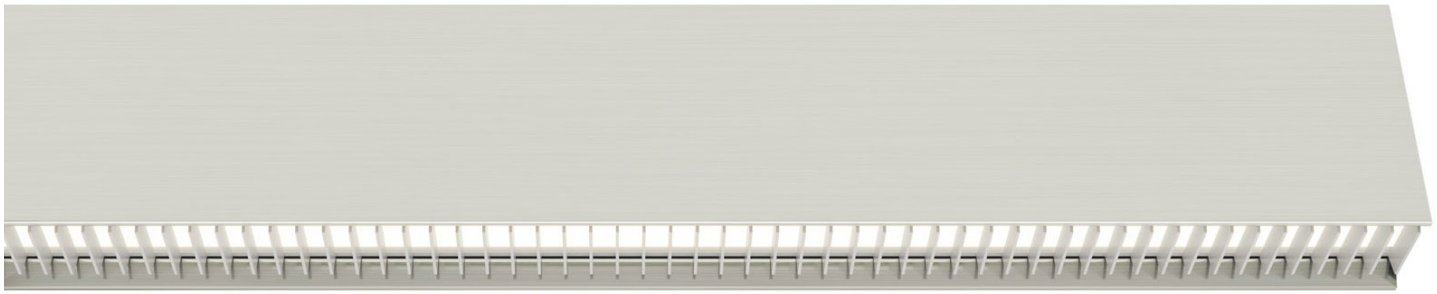
Lamp Data: Lamp data for all Nova Uplight Channels

	NSUDDM, NSUDDWM, NSUDDBM, NSUDCWM, NSUDCBM													
DESCRIPTION	60 Degree Diffused Clear Frosted Lens without Louver - Uplight													
WATTS PER FOOT	2w (2.5 watts)						5w (4.4 watts)							
COLOR TEMPERATURE	22K	27K	30K	35K	40K	57K	22K	27K	27D*	30K	30D*	35K	40K	57K
LUMENS PER FOOT (lm/ft)	126	154	168	192	209	222	242	295	267	322	292	369	401	427
LUMENS PER WATT (lm/w)	50	61	67	77	84	89	55	67	56	73	61	84	91	97
CRI	85+	95+	95+	85+	84	84	85+	95+	95+	95+	95+	85+	84	84

*27D, 30D - Warm Dim (4.8 Watts)

Nova Suspension Up/Down Modular Channel with Diffused White Lens and Clear Frosted Lens with White Louver

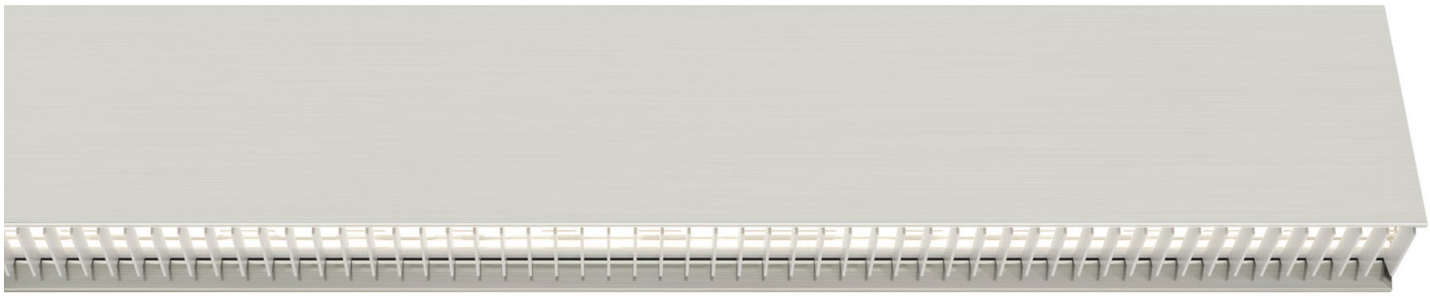
Nova Suspension Up/Down Modular Channel is the primary component of the Nova Modular system. The 24VDC channel may be ordered from 12 to 120 inches and includes an optional 0.80 inch Diffused White lens or Clear Frosted Lens. The White lens disperses the light evenly without dots. The Clear Frosted lens gives the most light. Slight dotting when looking straight up into the light. The Channel runs as long as 40 feet with 5 watts per foot and up to 26 feet with 7.5 watts per foot before refeeding. Use Dual Connector center feed with canopy to double the length.



Diffused White Lens with White Louver (Not actual size)

Lamp Data: Lamp data for Nova Downlight Channel with White Louver

	NSUDDWM													
DESCRIPTION	100 DEGREE DIFFUSED WHITE LENS WITH WHITE LOUVER - DOWNLIGHT													
WATTS PER FOOT	5w (4.4 watts)								7w (7.3 watts)					
COLOR TEMPERATURE	22K	27K	27D*	30K	30D*	35K	40K	57K	22K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	141	172	212	188	231	215	234	249	224	273	298	342	371	395
LUMENS PER WATT (lm/w)	32	39	44	43	48	49	53	57	31	37	41	47	51	54
CRI	85+	95+	95+	95+	95+	85+	84	84	85+	95+	95+	85+	84	84



Clear Frosted Lens with White Louver (Not actual size)

Lamp Data: Lamp data for Nova Downlight Nova Channel with White Louver

	NSUDCWM													
DESCRIPTION	60 DEGREE CLEAR FROSTED LENS WITH WHITE LOUVER - DOWNLIGHT													
WATTS PER FOOT	5w (4.4 watts)								7w (7.3 watts)					
COLOR TEMPERATURE	22K	27K	27D*	30K	30D*	35K	40K	57K	22K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	169	206	254	226	278	258	281	299	269	328	358	410	446	475
LUMENS PER WATT (lm/w)	38	47	53	51	58	59	64	68	37	45	49	56	61	65
CRI	85+	95+	95+	95+	95+	85+	84	84	85+	95+	95+	85+	84	84

*27D, 30D - Warm Dim (4.8 Watts)

System		Wattage Per Foot		Nominal Size in Inches		Color Temperature		Finish
NSUDDWM	–	7W	–	120	–	22K	–	SN

NSUDDWM Nova Suspension Up/Down Modular, Diffused White 100 Degree lens with White Louver
NSUDCWM Nova Suspension Up/Down Modular, Clear Frosted 60 Degree lens with White Louver

7W 6.9 Watt, 420"(35ft) max length (2.5W up and 4.4W down)
10W 8.8 Watt, 420" (35ft) max length (4.4W up and 4.4W down)
12W 11.9 Watt, 320" (26ft) max length (4.4W up and 7.5W down)

12-120 Order in various increments from 12 inches to 120 inches

22K 2200K Amber White
27K 2700K Very Warm White
27D 2700K Warm Dim (5W only)
30K 3000K Warm White
30D 3000K Warm Dim (5W only)
35K 3500K Neutral White
40K 4000K Cool White
57K 5700K Daylight White

BK Black Powder Paint
CH Chrome
SB Satin Brass
SN Satin Nickel
WH White Powder Paint

PROJECT		FIXTURE TYPE		DATE	

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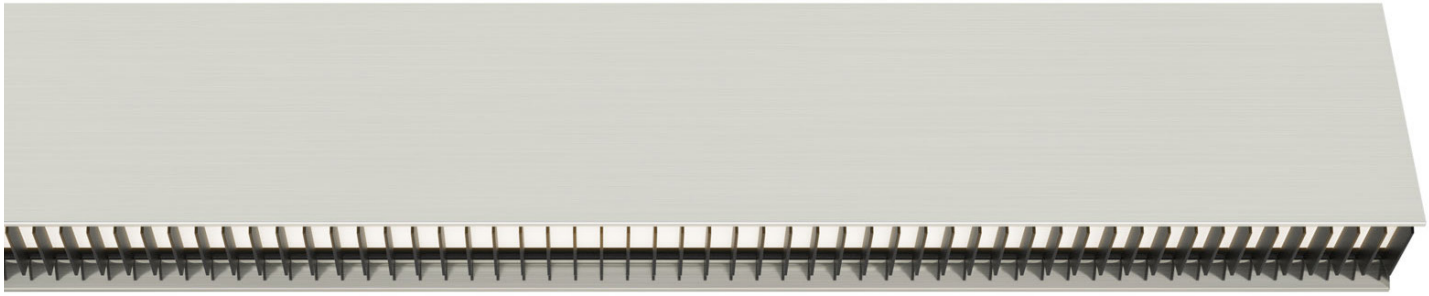
Lamp Data: Lamp data for all Nova Uplight Channels

	NSUDDM, NSUDDWM, NSUDDBM, NSUDCWM, NSUDCBM													
DESCRIPTION	60 Degree Diffused Clear Frosted Lens without Louver - Uplight													
WATTS PER FOOT	2w (2.5 watts)						5w (4.4 watts)							
COLOR TEMPERATURE	22K	27K	30K	35K	40K	57K	22K	27K	27D*	30K	30D*	35K	40K	57K
LUMENS PER FOOT (lm/ft)	126	154	168	192	209	222	242	295	267	322	292	369	401	427
LUMENS PER WATT (lm/w)	50	61	67	77	84	89	55	67	56	73	61	84	91	97
CRI	85+	95+	95+	85+	84	84	85+	95+	95+	95+	95+	85+	84	84

*27D, 30D - Warm Dim (4.8 Watts)

Nova Suspension Up/Down Modular Channel with Diffused White Lens and Clear Frosted Lens with Black Louver

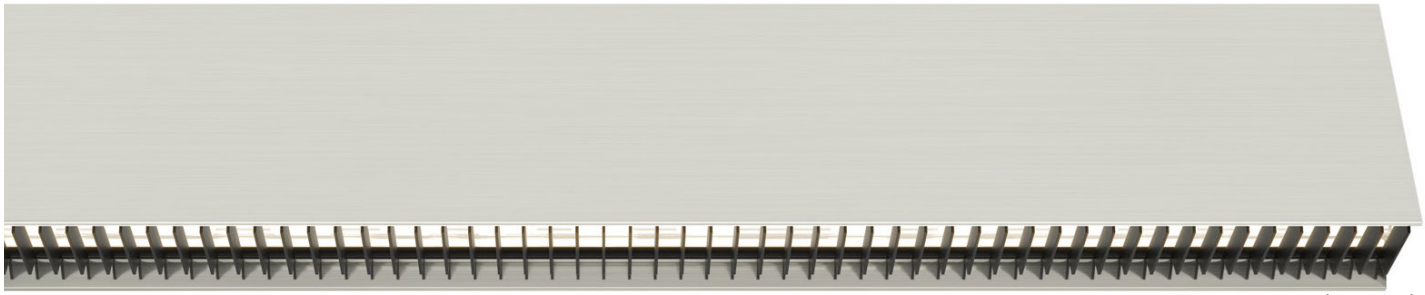
Nova Suspension Up/Down Modular Channel is the primary component of the Nova Modular system. The 24VDC channel may be ordered from 12 to 120 inches and includes an optional 0.80 inch Diffused White lens or Clear Frosted Lens. The White lens disperses the light evenly without dots. The Clear Frosted Lens gives the most light, but 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 40 feet with 5 watts per foot and up to 26 feet with 7.5 watts per foot before refeeding. Use the Dual Connector center feed with canopy to double the length.



Diffused White Lens with Black Louver (Not actual size)

Lamp Data: Lamp data for Nova Downlight Channel with Black Louver

	NSUDDBM													
DESCRIPTION	100 DEGREE DIFFUSED WHITE LENS WITH BLACK LOUVER - DOWNLIGHT													
WATTS PER FOOT	5w (4.4 watts)								7w (7.3 watts)					
COLOR TEMPERATURE	22K	27K	27D*	30K	30D*	35K	40K	57K	22K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	88	108	132	118	145	135	146	156	140	171	187	214	232	247
LUMENS PER WATT (lm/w)	20	24	28	27	30	31	33	35	19	23	26	29	32	34
CRI	85+	95+	95+	95+	95+	85+	84	84	85+	95+	95+	85+	84	84



Clear White Lens with Black Louver (Not actual size)

Lamp Data: Lamp data for Nova Downlight Nova Channel with Black Louver

	NSUDCBM													
DESCRIPTION	60 DEGREE CLEAR FROSTED LENS WITH BLACK LOUVER - DOWNLIGHT													
WATTS PER FOOT	5w (4.4 watts)								7w (7.3 watts)					
COLOR TEMPERATURE	22K	27K	27D*	30K	30D*	35K	40K	57K	22K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	106	129	159	141	174	162	176	187	168	205	224	257	279	297
LUMENS PER WATT (lm/w)	24	29	33	32	36	37	40	43	23	28	31	35	38	41
CRI	85+	95+	95+	95+	95+	85+	84	84	85+	95+	95+	85+	84	84

*27D, 30D - Warm Dim (4.8 Watts)

System		Wattage Per Foot		Nominal Size in Inches		Color Temperature		Finish
NSUDDBM	–	7W	–	120	–	22K	–	SN

NSUDDBM Nova Suspension Up/Down Modular, Diffused White 100 Degree Lens with Black Louver
NSUDCBM Nova Suspension Up/Down Modular, Clear Frosted 60 Degree Lens with Black Louver

7W 6.9 Watt, 420"(35ft) max length (2.5W up and 4.4W down)
10W 8.8 Watt, 420" (35ft) max length (4.4W up and 4.4W down)
12W 11.9 Watt, 320" (26ft) max length (4.4W up and 7.5W down)

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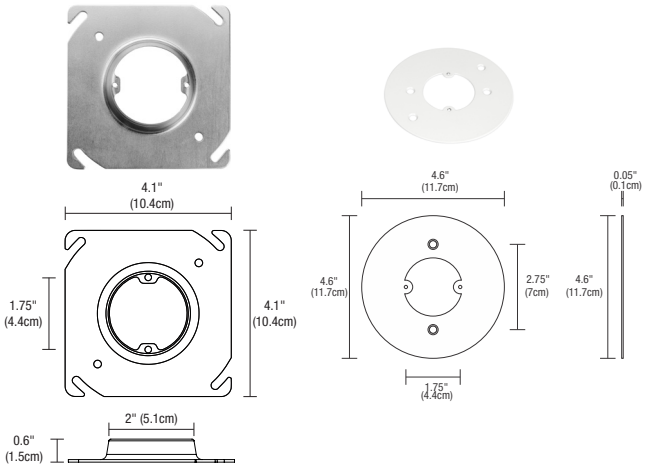
27K 2700K Very Warm White
27D 2700K Warm Dim (5W only)
30K 3000K Warm White
30D 3000K Warm Dim (5W only)
35K 3500K Neutral White
40K 4000K Cool White
57K 5700K Daylight White

BK Black Powder Paint
CH Chrome
SB Satin Brass
SN Satin Nickel
WH White Powder Paint

PROJECT		FIXTURE TYPE		DATE	

Components: Swag Bar & Hook, Swag Hook, and T-Bar are compatible with all Power Canopy options and may be required based on lighting design and application.



New Construction and Remodel 2" Cover for 4" Sq 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. NC2 New Construction Junction Box Cover mounts to a standard 4" electrical box or octagon box, converting it to a 2" plaster ring for use with the 2R (round) or 2S (square) canopy. The Remodel RM2-JBOX Plaster Plate cover is used with an existing 4" square junction box and standard round plaster ring. The PS-60L-ELV-24VDC (50 watt IC, 60 watt Non-IC) will fit inside the NC2 or RM2-JBOX cover and electrical junction box for a flush look.

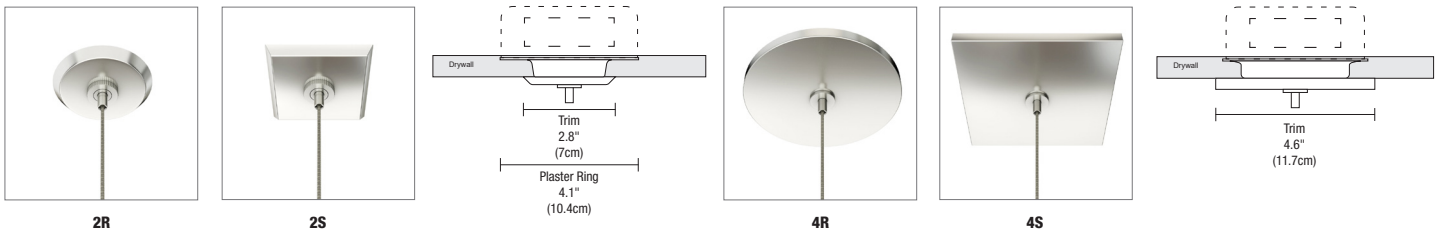
System		Type
NC2	–	**JBOX**

NC2 New Construction 2"
RM2 Remodel Plaster Plate

JBOX JBox Cover

Pipeline Remote Power Canopies (Included)

Canopies are included with canopy ordering code. The 2" Round and Square Canopy includes a special plaster ring NC2-JBOX (above). The 4" Square or Round Canopy fits on a standard 4" Electrical Box with round plaster ring and the PS-60L-ELV-24VDC 50 watt IC, 60 watt Non-IC) will fit inside the NC2 or RM2-JBOX cover and electrical junction box for a flush look.



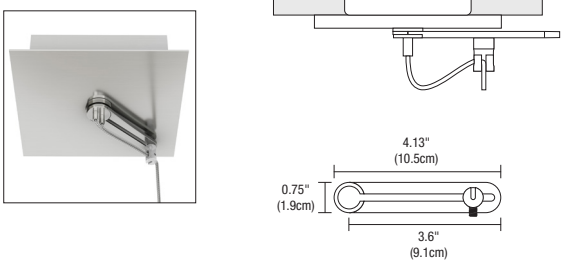
2R
2" Round Canopy

2S
2" Square Canopy

4R
4" Round Canopy

4S
4" Square Canopy

2 inch or 4 Inch Canopy (Not Included)



Channel Suspension Adjustable Swag Bar and Hook

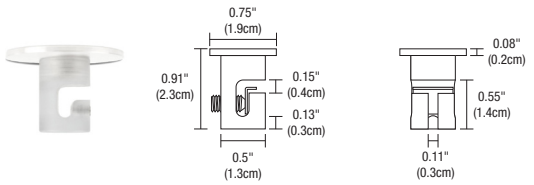
Channel Suspension Adjustable Swag Bar and Hook allows a cable to form a straight connection to the channel when the Power Canopy is not located directly above the fixture. Use when you have two or more canopies (power supplies) on the same fixture run. The Adjustable Swag Hook is compatible with the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

Product		Type		Finish
CS	–	**ADJ-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



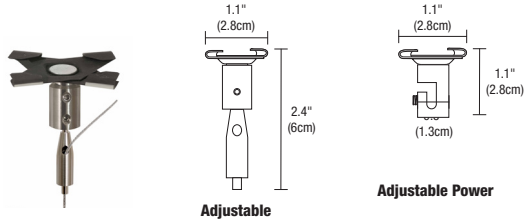
Channel Suspension Swag Hook

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



Adjustable

Adjustable Power

Pipeline Suspension Adjustable T-Bar Clip

Pipeline Suspension Adjustable T-Bar Clip mounts to T-Bar grid ceilings. Available in Satin Nickel hardware as adjustable power and non-power versions.

Product		Type		Options		Finish
CS	–	**TBAR**	–	**A**	–	**W**

CS Channel Suspension

TBAR 9/16" and 15/16"

A Adjustable
AP Adjustable Power

W White
BK Black

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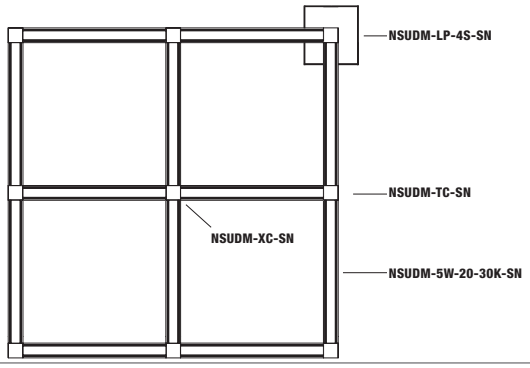
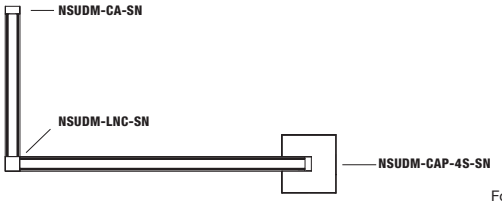
Components: Power End Cap, End Cap, Joining Connector, and Raceway Channel

Indicates 24VDC Power Flow

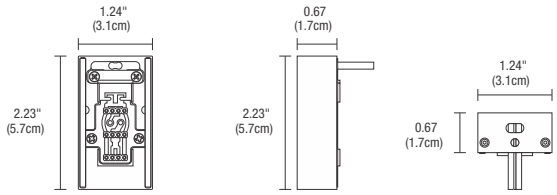


Modular Configurations

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 inch canopy or use the EZ ordering code for no canopy and surface mount power canopies (sold separately). Includes two coaxial power cables to switch the Up and Down light separately. Also includes 12 feet of power cable, which easily adjusts at canopy with the push-in grip jack connector.

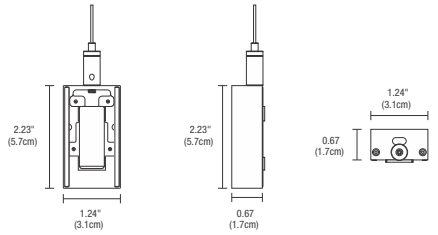
System		Type		Power Canopy		Finish
NSUDM	–	**CAP**	–	**2R**	–	**SN**

NSUDM Nova Suspension Up/Down Modular

CAP End Cap Power

2R 2.8" Round Canopy
2S 2.8" Square Canopy
4R 4.6" Round Canopy
4S 4.6" Square Canopy
EZ End of cable with no canopy

BK Black Powder Paint
CH Chrome
SN Satin Nickel
WH White Powder Paint



End Cap

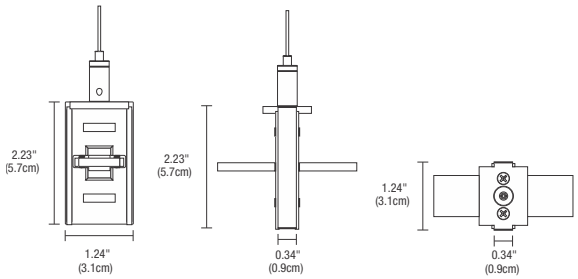
End Caps terminate the Nova Suspension Up/Down Modular channel run and provide a finished look.

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

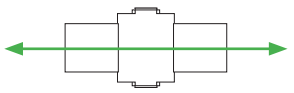
Joining Connector joins two sections of Nova Suspension Up/Down Modular channels in straight runs. It is electrically powered from the previous channel (JC) or isolates the power (JNC). Includes 12 feet of aircraft cable, which easily adjusts at connector.

System		Type		Finish
NSUDM	–	**JC**	–	**SN**

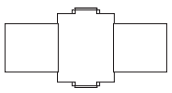
NSUDM Nova Suspension Up/Down Modular

JC Joining Connector
JNC Joining Non-Conductive Connector

BK Black Powder Paint
CH Chrome
SN Satin Nickel
WH White Powder Paint



JC



JNC

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 feet of aircraft cable, which easily adjusts at connector.

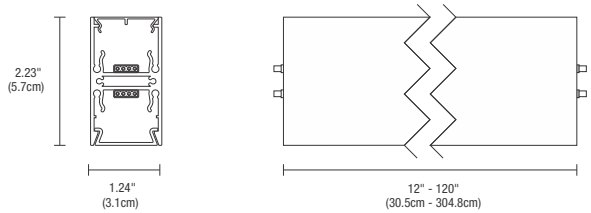
System		Type		Length in Inches		Finish
NSUDM	–	**BCH**	–	**120**	–	**SN**

NSUDM Nova Suspension Up/Down Modular

BCH Blank Channel Horizontal

12-120 Order in 12 inch increments up to 120 inches. May be ordered in 3, 5, 8 or 10 inch increments.

SN Satin Nickel



PROJECT		FIXTURE TYPE		DATE	

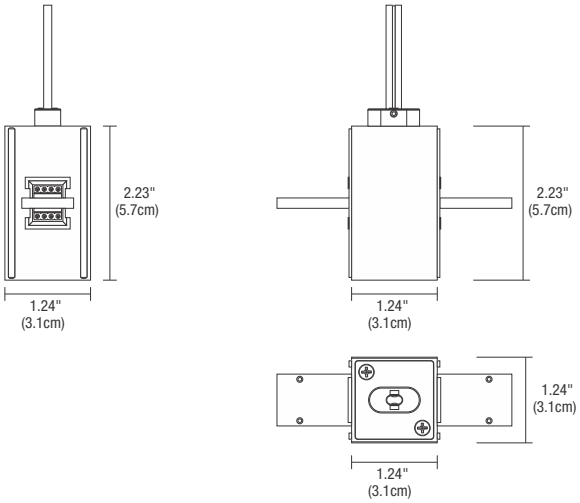
NOVA SUSPENSION UP/DOWN MODULAR SYSTEM - REMOTE POWER

REV 04.12.18

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA
PATENT PENDING

Components: Straight Connectors

Indicates 24VDC Power Flow



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 inch canopy or use the EZ ordering code for no canopy and use surface mount power canopies (sold separately). Includes two coaxial power cables to switch the Up and Down light separately. Also includes 12 feet of power cable, which easily adjusts at canopy with the push-in grip jack connector.

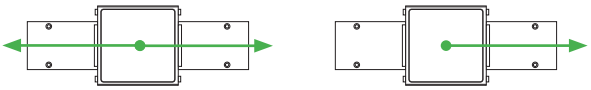
System		Type		Power Canopy		Finish
NSUDM	–	**SP**	–	**2R**	–	**SN**

NSUDM Nova Suspension Up/ Down Modular

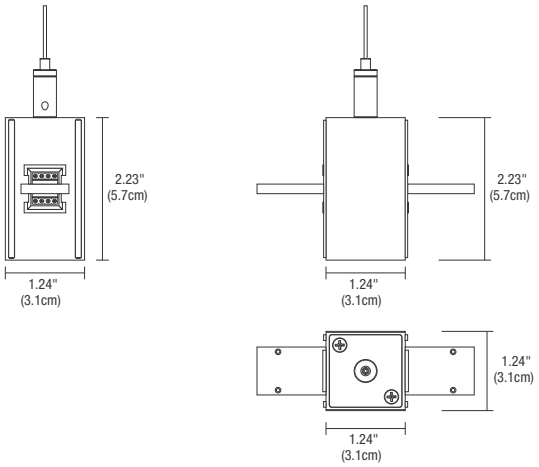
SP Straight Center Power Connector, Conductive in 2 sections
SP1 Straight Power Connector, Conductive in 1 Section

2R 2.8" Round Canopy
2S 2.8" Square Canopy
4R 4.6" Round Canopy
4S 4.6" Square Canopy
EZ End of cable with no canopy, used for surface mount power supplies

BK Black Powder Paint
CH Chrome
SN Satin Nickel
WH White Powder Paint



SP **SP1**



Straight Connector

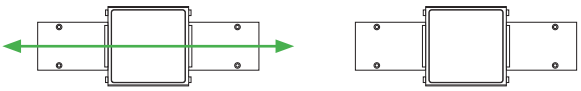
Straight Connector joins two sections of Nova Suspension Up/Down Modular channels. It is electrically powered from the previous channel (SC) or isolates the power (SNC). Includes 12 feet of aircraft cable, which easily adjusts at connector.

System		Type		Finish
NSUDM	–	**SC**	–	**SN**

NSUDM Nova Suspension Up/Down Modular

SC Straight Conductive Connector
SNC Straight Non-Conductive Connector

BK Black Powder Paint
CH Chrome
SN Satin Nickel
WH White Powder Paint



SC **SNC**

PROJECT		FIXTURE TYPE		DATE	

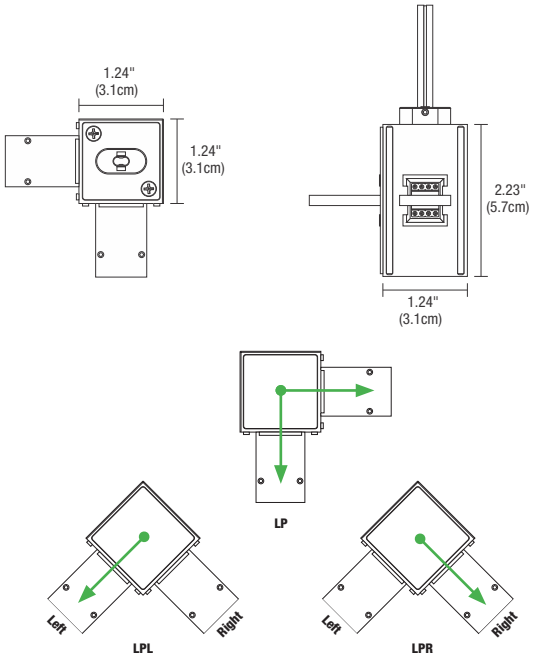
NOVA SUSPENSION UP/DOWN MODULAR SYSTEM - REMOTE POWER

REV 04.12.18

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA
PATENT PENDING

Components: L-Shaped Connectors

Indicates 24VDC Power Flow



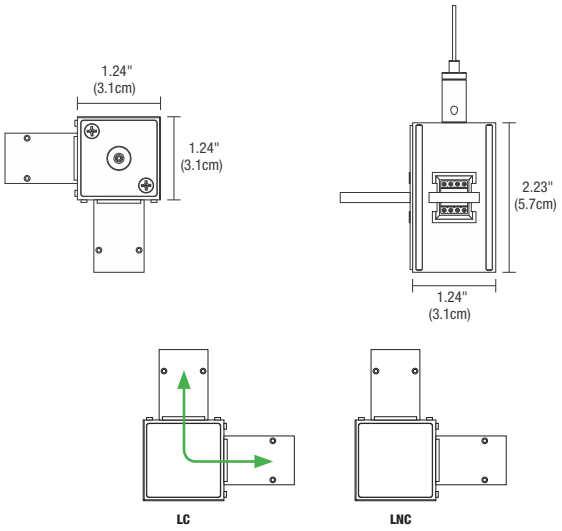
L-Shaped Power Connector with Canopy

L-Shaped Power Connector joins two sections of Nova Suspension Up/Down Modular channels at 90 degrees 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 inch canopy or use the EZ ordering code for no canopy and use surface mount power canopies (sold separately). Includes two coaxial power cables to switch the Up and Down light separately. Also includes 12 feet of power cable, which easily adjusts at canopy with the push-in grip jack connector.

System		Type		Power Canopy		Finish
NSUDM	–	**LP**	–	**2R**	–	**SN**

NSUDM	Nova Suspension Up/ Down Modular	**LP**	L-Shaped Power Connector, Conductive on 2 Sections	**2R**	2.8" Round Canopy
		LPL	L-Shaped Power Connector, Conductive on Left Section	**2S**	2.8" Square Canopy
		LPR	L-Shaped Power Connector, Conductive on Right Section	**4R**	4.6" Round Canopy
				4S	4.6" Square Canopy
				EZ	End of cable with no canopy, used for surface mount power supplies

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 degrees apart, conducting the power (LC) or isolating the power (LNC). Includes 12 feet of aircraft cable, which easily adjusts at connector.

System		Type		Finish
NSUDM	–	**LC**	–	**SN**

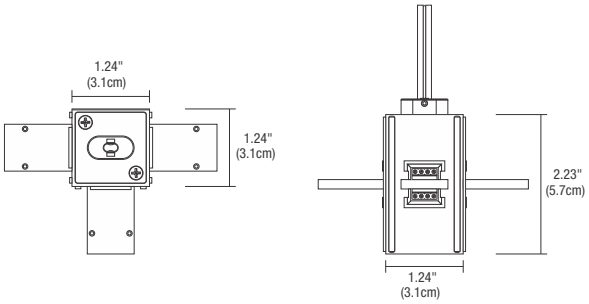
NSUDM	Nova Suspension Up/ Down Modular	**LC**	L-Shaped Conductive Connector
		LNC	L-Shaped Non-Conductive Connector

BK	Black Powder Paint
CH	Chrome
SN	Satin Nickel
WH	White Powder Paint

PROJECT		FIXTURE TYPE		DATE	

Components: T-Shaped Connectors

Indicates 24VDC Power Flow



T-Shaped Power Connector with Canopy

The T-Shaped Power Connector joins three sections of Nova Suspension Up/Down Modular channels at 90 degrees 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 inch canopy or use the EZ ordering code for no canopy and use surface mount power canopies (sold separately). Includes two coaxial power cables to switch the Up and Down light separately. Also includes 12 feet of power cable, which easily adjusts at canopy with the push-in grip jack connector.

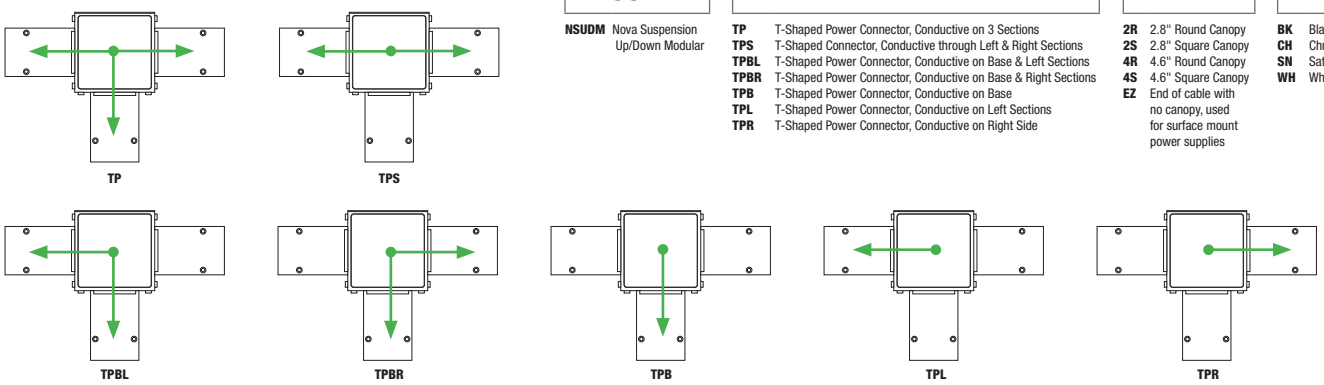
System		Type		Power Canopy		Finish
NSUDM	–	TP	–	2R	–	SN

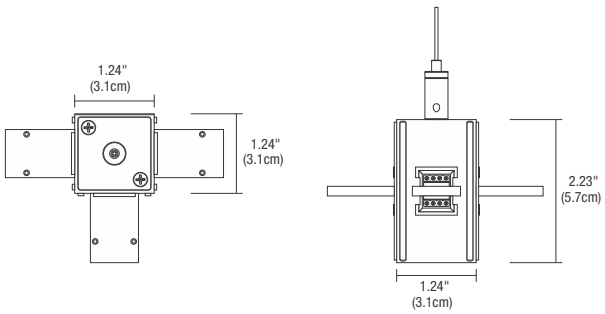
NSUDM Nova Suspension Up/Down Modular

Type	
TP	T-Shaped Power Connector, Conductive on 3 Sections
TPS	T-Shaped Connector, Conductive through Left & Right Sections
TPBL	T-Shaped Power Connector, Conductive on Base & Left Sections
TPBR	T-Shaped Power Connector, Conductive on Base & Right Sections
TPB	T-Shaped Power Connector, Conductive on Base
TPL	T-Shaped Power Connector, Conductive on Left Sections
TPR	T-Shaped Power Connector, Conductive on Right Side

Power Canopy	
2R	2.8" Round Canopy
2S	2.8" Square Canopy
4R	4.6" Round Canopy
4S	4.6" Square Canopy
EZ	End of cable with no canopy, used for surface mount power supplies

Finish	
BK	Black Powder Paint
CH	Chrome
SN	Satin Nickel
WH	White Powder Paint





T-Shaped Connectors

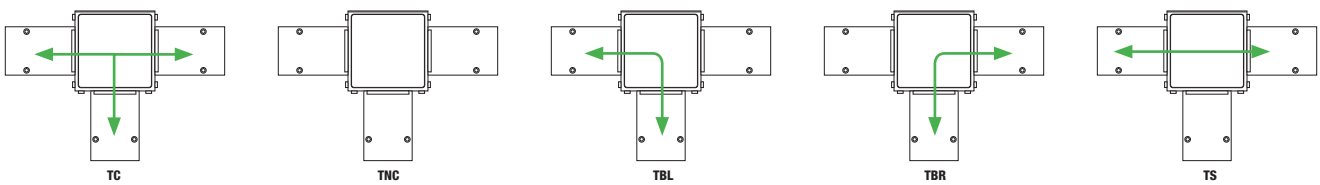
T-Shaped Connector joins three sections of Nova Suspension Up/Down Modular channels at 90 degrees apart. It isolates the power of each section (TNC); or electrically conducts the power to section(s): all sections (TC), base to left section (TBL), base to right section (TBR) or straight from left to right section (TS). Includes 12 feet of aircraft cable, which easily adjusts at connector.

System		Type		Finish
NSUDM	–	TC	–	SN

NSUDM Nova Suspension Up/ Down Modular

Type	
TC	T-Shaped Conductive Connector
TNC	T-Shaped Non-Conductive Connector
TBL	T-Shaped Connector, Conductive on Base and Left Sections
TBR	T-Shaped Connector, Conductive on Base and Right Sections
TS	T-Shaped Connector, Conductive Straight through Left and Right Sections

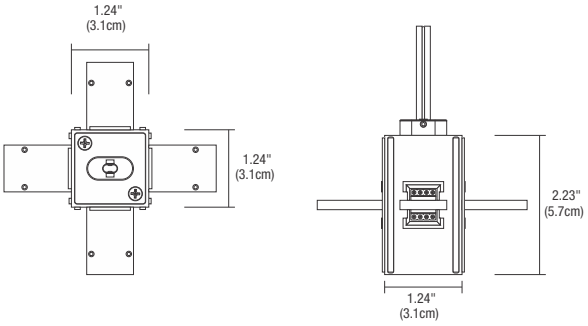
Finish	
BK	Black Powder Paint
CH	Chrome
SN	Satin Nickel
WH	White Powder Paint



PROJECT		FIXTURE TYPE		DATE	

Components: X-Shaped Connectors and 120 Degree Connectors

Indicates 24VDC Power Flow



X-Shaped Power Connector with Canopy

X-Shaped Power Connector joins four sections of Nova Suspension Up/Down Modular channels at 90 degrees 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 degree turn (XP90), or in a T-Shaped section (XPT). Choose the 2 or 4 inch canopy or use the EZ ordering code for no canopy and use surface mount power canopies (sold separately). Includes two coaxial power cables to switch the Up and Down light separately. Also includes 12 feet of power cable, which easily adjusts at canopy with the push-in grip jack connector.

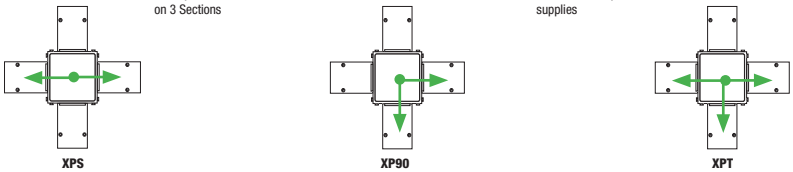
System		Type		Power Canopy		Finish
NSUDM	–	**XP**	–	**2R**	–	**SN**

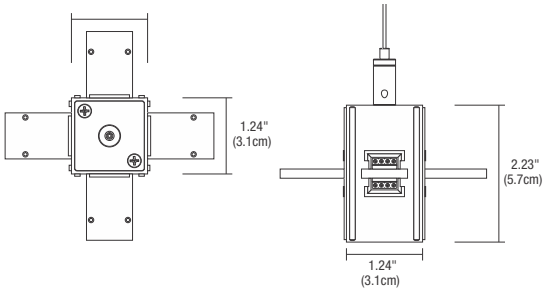
NSUDM Nova Suspension Up/Down Modular

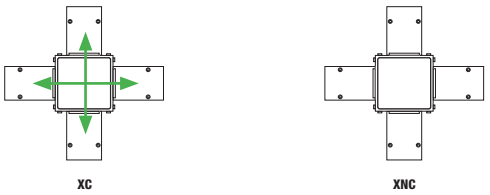
XP X-Shaped Power Connector, Conductive on 4 Sections
XP1 X-Shaped Power Connector, Conductive on 1 Section
XPS X-Shaped Power Connector, Conductive Straight through 2 Sections
XP90 X-Shaped Power Connector, Conductive on 2 Sections, 90 Degree Turn
XPT X-Shaped Power Connector, Conductive on 3 Sections

2R 2.8" Round Canopy
2S 2.8" Square Canopy
4R 4.6" Round Canopy
4S 4.6" Square Canopy
EZ End of cable with no canopy, used for surface mount power supplies

BK Black Powder Paint
CH Chrome
SN Satin Nickel
WH White Powder Paint







X-Shaped Connector

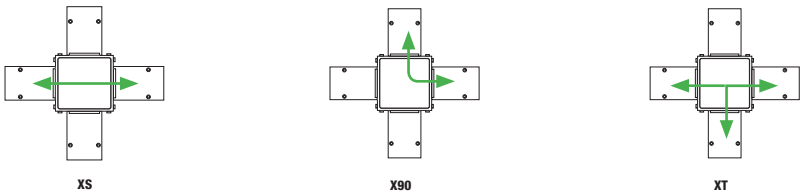
X-Shaped Connector joins four sections of Nova Suspension Up/Down Modular channels at 90 degrees apart. It isolates the power of each section (XNC) or electrically conducts the power to section(s): all sections (XC), straight through two sections (XS), two sections with 90 degree turn (X90), or in a T-Shaped section (XT). Includes 12 feet of aircraft cable, which easily adjusts at connector.

System		Type		Finish
NSUDM	–	**XC**	–	**SN**

NSUDM Nova Suspension Up/Down Modular

XC X- Shaped Conductive Connector
XNC X-Shaped Non-Conductive Connector
XS X-Shaped Connector, Conductive Straight through 2 Sections
X90 X-Shaped Connector, Conductive on 2 Sections, 90 Degree Turn
XT X-Shaped Connector, Conductive on 3 Sections

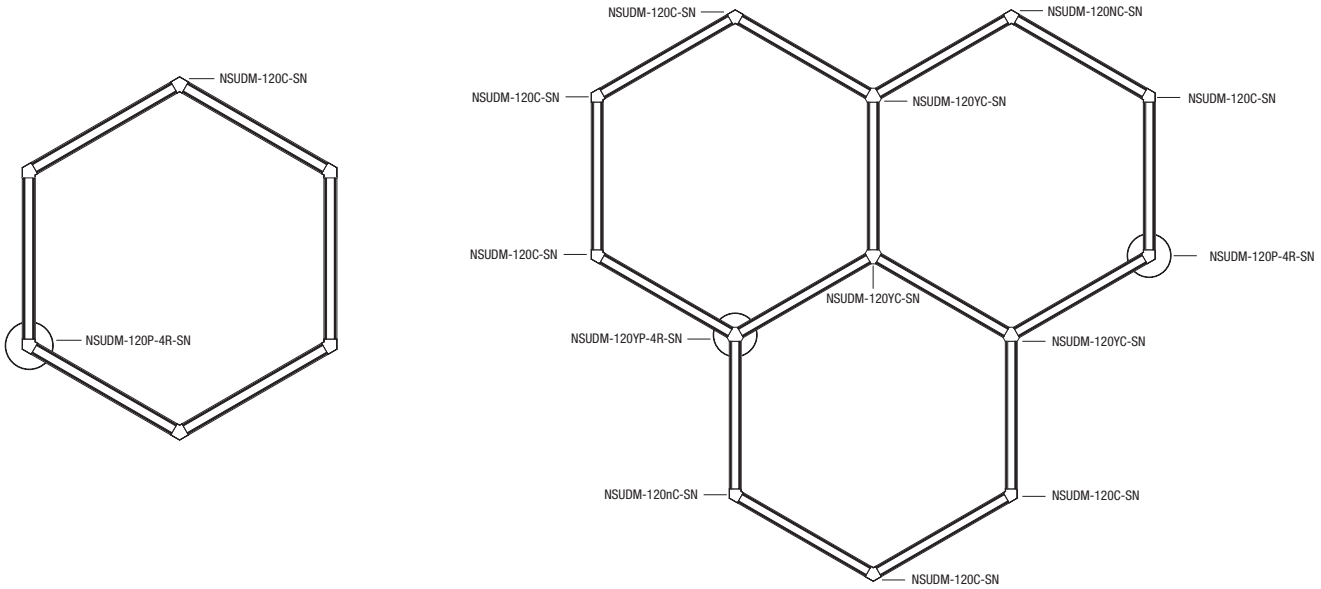
BK Black Powder Paint
CH Chrome
SN Satin Nickel
WH White Powder Paint



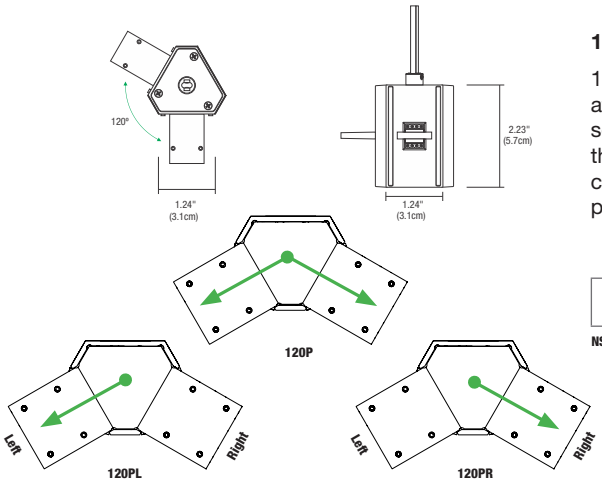
PROJECT		FIXTURE TYPE		DATE	

Components: 120 Degree Connectors

Indicates 24VDC Power Flow



Hexagon Configuration, 120 degree connectors: Use 120P and 120C to design any size from 25 inches to 25 feet



120 Degree Power Connector with Canopy

120 Degree Power Connector joins two sections of Nova Suspension Modular Downlight at 120 degrees 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 inch canopy, or use the EZ code for surface mount power supply. Includes two coaxial power cables to switch the Up and Down light separately. Also includes 12 feet of power cable, which easily adjusts at canopy with the push-in grip jack connector.

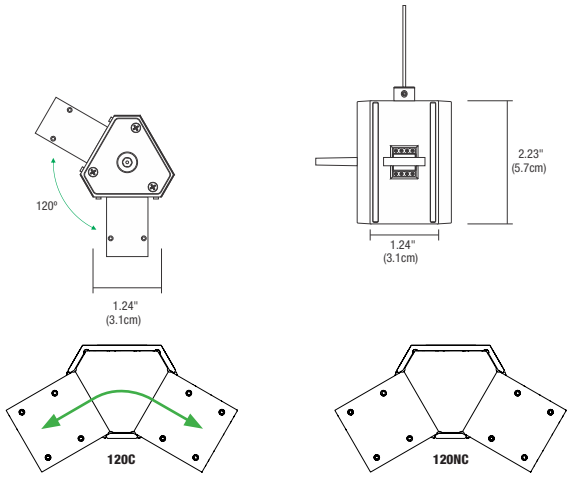
System		Type		Power Canopy		Finish
NSUDM	–	**120P**	–	**2R**	–	**SN**

NSUDM Nova Suspension Up/ Down Modular

120P 120 Degree Power Connector
120PL 120 Degree Power Connector, Conductive on Left Sections
120PR 120 Degree Power Connector, Conductive on Right Sections

2R 2.8" Round Canopy
2S 2.8" Square Canopy
4R 4.6" Round Canopy
4S 4.6" Square Canopy
EZ End of cable with no canopy, used for surface mount power supplies

BK Black Powder Paint
CH Chrome
SN Satin Nickel
WH White Powder Paint



120 Degree Connector

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

System		Type		Finish
NSUDM	–	**120C**	–	**SN**

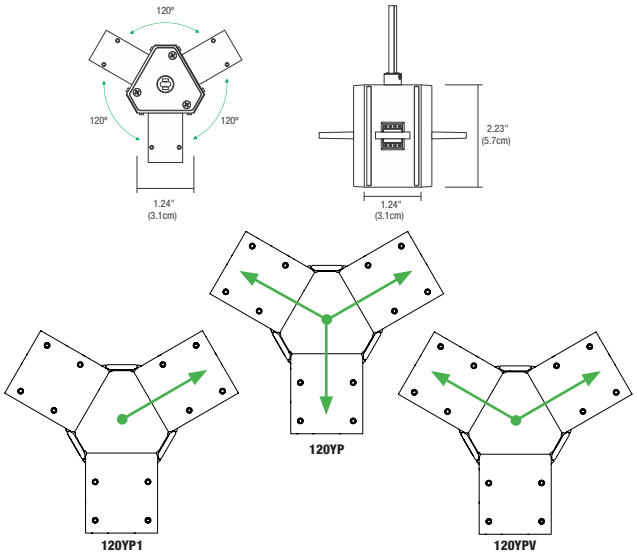
NSUDM Nova Suspension Up/ Down Modular

120C 120 Degree Connector
120NC 120 Degree Non-Conductive Connector

BK Black Powder Paint
CH Chrome
SN Satin Nickel
WH White Powder Paint

PROJECT		FIXTURE TYPE		DATE	

Honeycomb Configuration, 120 degree connectors: Use 120YP, 120P, 120YC, and 120C to design any size from 25 inches to 25 feet



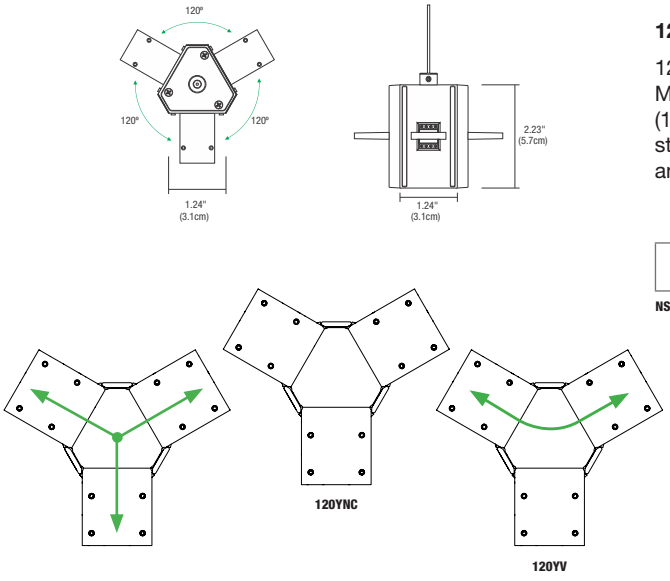
120 Degree Y-Shaped Power Connector with Canopy

120 Degree Y-Shaped Power Connector joins and powers three sections of Nova Suspension Modular Downlight at 120 degrees 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 inch canopy, or use the EZ code for surface mount power supply. Includes two coaxial power cables to switch the Up and Down light separately. Also includes 12 feet of power cable, which easily adjusts at canopy with the push-in grip jack connector.

System		Type		Power Canopy		Finish
NSUDM	–	120YP	–	2R	–	SN

NSUDM	Nova Suspension Up/ Down Modular	**120YP**	120 Degree Y-Shaped Power Connector	**2R**	2.8" Round Canopy
		120YP1	Conductive 1 Section 120 Degree Y-Shaped Power Connector	**2S**	2.8" Square Canopy
				4R	4.6" Round Canopy
		120YPV	120 Degree Y-Shaped Power Connector, Conductive 2 Sections	**4S**	4.6" Square Canopy
				EZ	End of cable with no canopy, used for surface mount power supplies

BK	Black Powder Paint
CH	Chrome
SN	Satin Nickel
WH	White Powder Paint



120 Degree Y-Shaped Connector

120 Degree Y-Shaped Connector joins three sections of Nova Suspension Modular Downlight at 120 degrees 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 feet of adjustable aircraft cable and ceiling anchors.

System		Type		Finish
NSUDM	–	120YNC	–	SN

NSUDM	Nova Suspension Up/ Down Modular	**120YC**	120 Degree Y-Shaped Non-Conductive Connector
		120YNC	120 Degree Y-Shaped Conductive Connector
		120YV	120 Degree Y-Shaped Conductive Straight through 2 Sections

BK	Black Powder Paint
CH	Chrome
SN	Satin Nickel
WH	White Powder Paint

PROJECT		FIXTURE TYPE		DATE	

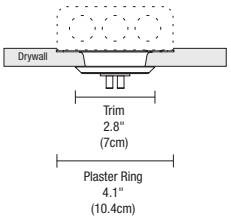
NOVA SUSPENSION UP/DOWN MODULAR SYSTEM - REMOTE POWER

REV 04.12.18

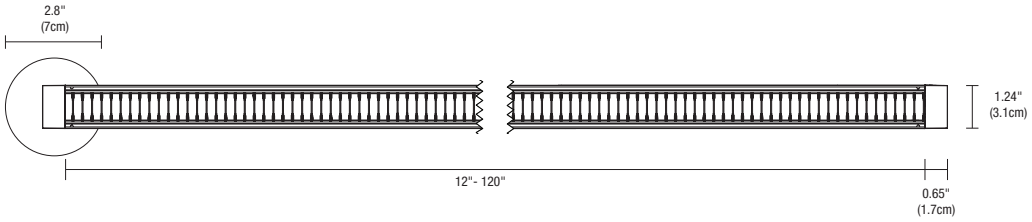
DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA
PATENT PENDING

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

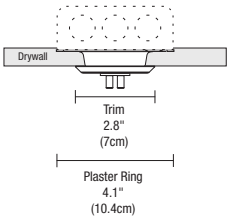
2" Round Canopy



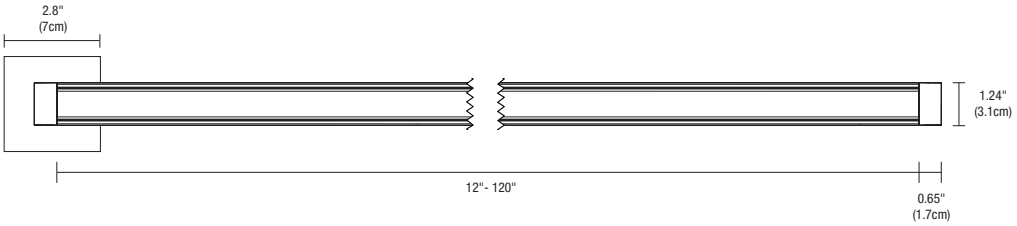
Nova Suspension Up/Down Modular, 2" Round Canopy Shown with Louver - Bottom View



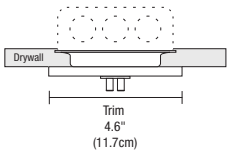
2" Square Canopy



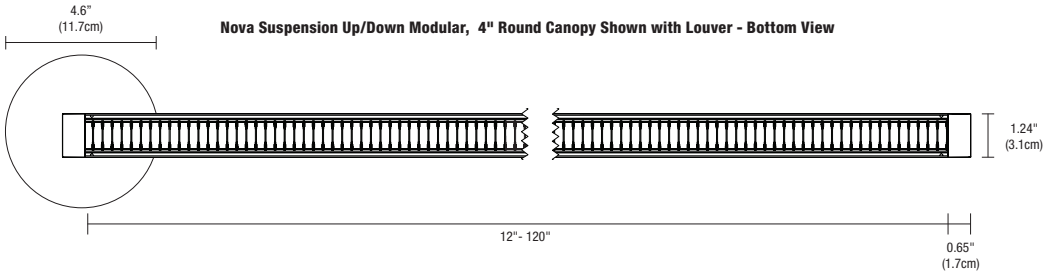
Nova Suspension Up/Down Modular, 2" Square Canopy Shown without Louver - Bottom View



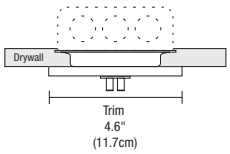
4" Round Canopy



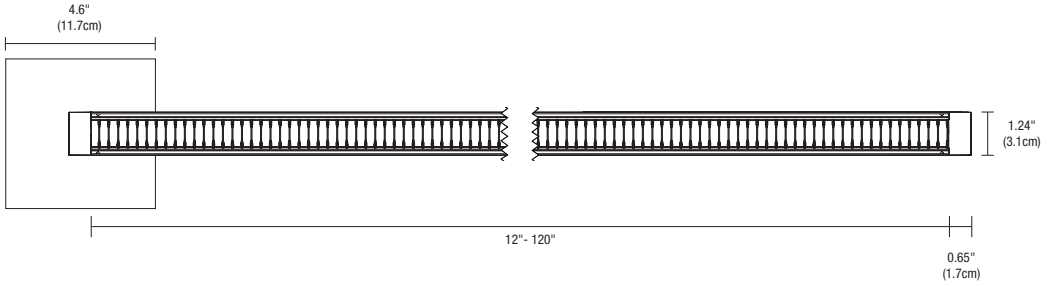
Nova Suspension Up/Down Modular, 4" Round Canopy Shown with Louver - Bottom View



4" Square Canopy



Nova Suspension Up/Down Modular, 4" Square Canopy Shown with Louver - Bottom View



Finishes: The finishes available for the Nova Suspension Up and Down with Remote Power - End Feed

BK
Satin Black

CH
Chrome

SB
Satin Brass

SN
Satin Nickel

WH
White

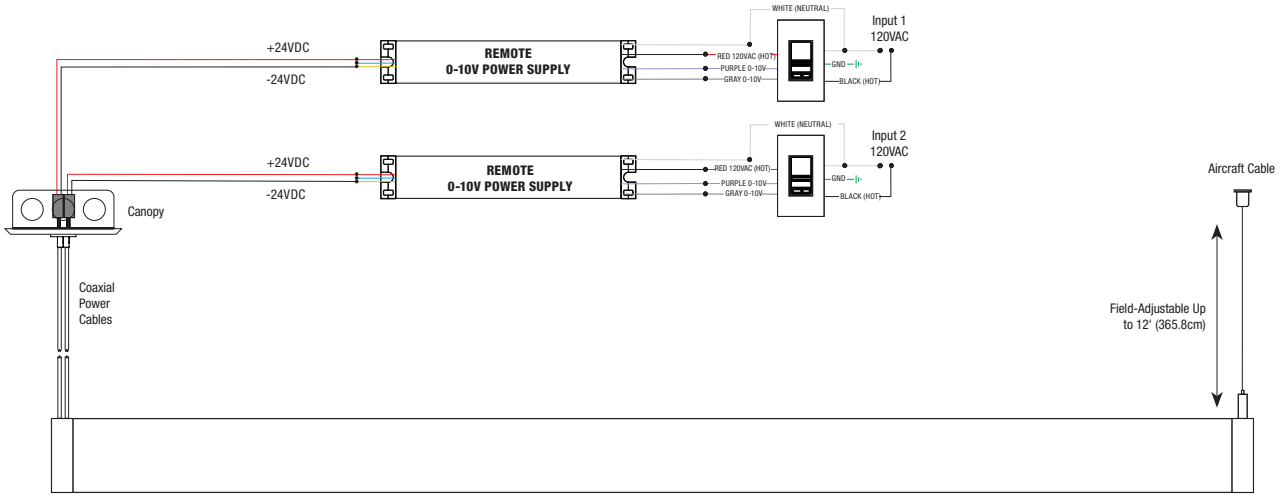
PROJECT		FIXTURE TYPE		DATE	

Wirings: Wiring diagrams for 0-10 dimming and ELV dimming

Application: 0-10V dimming for Nova Up/Down Modular

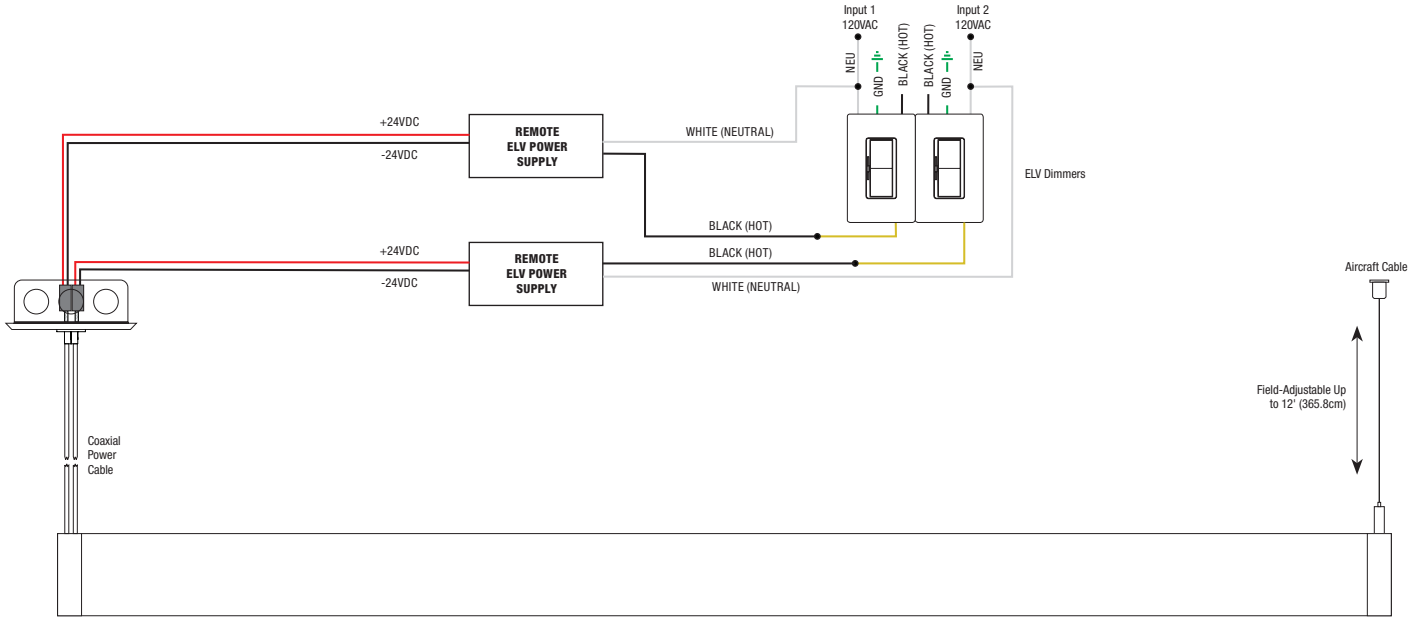
Power Supply: Class 2, 24VDC output: 120-277VAC input, PSB-2X96W-010 -24VDC

Dimming: Dimmable with 0-10V dimmer using power supplies above: Philips Sunrise SR1200ZTUNV, 0-10V dimmer recommended



Application: ELV dimming for Nova Up/Down Modular

Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



PROJECT		FIXTURE TYPE		DATE	

GRIP JACK SUSPENSION CANOPIES WITH POWER SUPPLIES
FOR 24VDC STATIC WHITE AND WARM DIM LEDs

GRIP JACK SUSPENSION CANOPIES WITH POWER SUPPLIES (USE WITH "EZ" ORDERING CODE)					
ORDERING CODES	**GSP-RM-2RD-1P-50-ELV-__ GSP-RM-2SQ-1P-50-ELV-__**	**GSP-NC-2RD-1P-50-ELV-__ GSP-NC-2RD-1P-50-ELV-__**	**GSP-4RD-1P-50-ELV-__ GSP-4SQ-1P-50-ELV-__**	**GSP-5SQ-1P-60-ELV-__**	**GSP-5SQ-2P-2X60-ELV-__**
					
SPECIFICATIONS					
DESCRIPTION	Grip Jack Suspension 2.68" canopy with Remodel Plaster Plate and 50W power supply that fits in junction box with 1-port power feed	Grip Jack Suspension 2.68" canopy with New Construction 2" Plaster Ring and 50 watt power supply that fits in junction box, with 1-port power feed	Grip Jack Suspension canopy with Remodel 4.6" canopy and 50 watt power suply that fits in existing junction box with 1-port power feed	2x60W Grip Jack Suspension 5" square Surface Mount canopy with 1-port feed	2x60W Grip Jack Suspension 5" square Surface Mount canopy with 2-port feed
MAXIMUM LOAD	60W-NON IC, 50W-IC (FITS IN JBOX)	60W-NON IC, 50W-IC (FITS IN JBOX)	60W-NON IC, 50W-IC (FITS IN JBOX)	60W	2X60W
INPUT VOLTAGE	120VAC	120VAC	120VAC	120VAC	120VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	2.68" x 2.68" x .1"	2.68" x 2.68" x .1"	4.6" x 4.6" x .2"	5.5" X 5.5" X 1.5"	5.5" X 5.5" X 1.5"
FINISH	BK, CH, SN, WH	BK, CH, SN, WH	BK, CH, SN, WH	BK, CH, SN, WH	BK, CH, SN, WH
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2	CLASS 2
MOUNTING	REMODEL CONSTRUCTION, POWER SUPPLY RECESSED IN JBOX	NEW CONSTRUCTION, POWER SUPPLY RECESSED IN JBOX	REMODEL CONSTRUCTION POWER SUPPLY RECESSED IN JBOX	SURFACE MOUNT	SURFACE MOUNT
EFFICIENCY	85%	85%	85%	85%	85%
SHORT CIRCUIT PROTECTION	YES	YES	YES	YES	YES
OVER TEMPERATURE PROTECTION	YES	YES	YES	YES	YES
WORKING TEMPERATURE	-30°C TO 90°C	-30°C TO 90°C	-30°C TO 90°C	-30°C TO 90°C	-30°C TO 90°C
DIMMING AND CONTROLS					
LUTRON DIVA: DVELV-300P	•	•	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•	•	•
LUTRON RADIO RA2: RRD-6NA	N/A	N/A	N/A	•	•
LUTRON MAESTRO: MAELV-600	•	•	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	N/A	N/A	N/A	•	•

GRIP JACK SUSPENSION CANOPIES WITH POWER SUPPLIES (USE WITH "EZ" ORDERING CODE)					
ORDERING CODES	**GSP-5SQ-1DP-2X60-ELV-__**	**GSP-6SQ-1P-100-ELV-__ GSP-6SQ-1P-150-ELV-__**	**GSP-6SQ-2P-2X100-ELV-__ GSP-6SQ-2P-2X150-ELV-__**	**GSP-6SQ-1DP-2X100-ELV-__ GSP-6SQ-1DP-2X150-ELV-__**	**GSP-6SQ-1P-200-ELV-__**
					
SPECIFICATIONS					
DESCRIPTION	2x60W Grip Jack Suspension 5" square Surface Mount canopy with 2-port feed used with Nova Up/Down	100W or 150W Grip Jack Suspension 6" square Surface Mount canopy with 1-Port feed	2x100W or 2X150W Grip Jack Suspension 6" square Surface Mount canopy with 2-Port feed	2x100W or 2X150W Grip Jack Suspension 6" square Surface Mount canopy with Dual-Port feed	200W Grip Jack Suspension 6" square Surface Mount canopy with 1-Port feed
MAXIMUM LOAD	2X60W	100W OR 150W	2X100W OR 2X150W	2X100W OR 2X150W	200W
INPUT VOLTAGE	120VAC	120VAC	120VAC	120VAC	120VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	5.5" X 5.5" X 1.5"	6.5" X 6.5" X 1.875"	6.5" X 6.5" X 1.875"	6.5" X 6.5" X 1.875"	6.5" X 6.5" X 1.875"
FINISH	BK, CH, SN, WH	BK, CH, SN, WH	BK, CH, SN, WH	BK, CH, SN, WH	BK, CH, SN, WH
CLASSIFICATION	CLASS 2	100W CLASS 2 150W UL2108	100W CLASS 2 150W UL2108	100W CLASS 2 150W UL2108	UL2108
MOUNTING	SURFACE MOUNT	SURFACE MOUNT	SURFACE MOUNT	SURFACE MOUNT	SURFACE MOUNT
EFFICIENCY	85%	85%	85%	85%	85%
SHORT CIRCUIT PROTECTION	YES	YES	YES	YES	YES
OVER TEMPERATURE PROTECTION	YES	YES	YES	YES	YES
WORKING TEMPERATURE	-30°C TO 90°C	-30°C TO 90°C	-30°C TO 90°C	-30°C TO 90°C	-30°C TO 90°C
DIMMING AND CONTROLS					
LUTRON DIVA: DVELV-300P	•	•	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•	•	•
LUTRON RADIO RA2: RRD-6NA	•	•	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	•	•	•	•	•

PROJECT		FIXTURE TYPE		DATE	

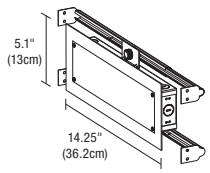
Required Components: 24VDC ELV Compatible Power Supplies.

ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODES	**PS-60L-ELV-24VDC** 	**PSB-60W-ELV-24VDC** 	**PSB-2X60W-ELV-24VDC** 	**PSB-100W-ELV-24VDC** 
SPECIFICATIONS				
MAXIMUM LOAD	60W NON-IC, 50W-IC (FITS IN JBOX)	60W	2X60W	96W
INPUT VOLTAGE	120VAC	120VAC	120VAC	120VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	2.25" X 1.25" X 0.83"	8.125" X 2" X 1.75"	12.15" X 6.48" X 2.18"	9.25" X 3.5" X 2"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN WALL MOUNTING	N/A	PSB-60W-ELV-24VDC-IW	PSB-2X60W-ELV-24VDC-IW	PSB-100W-ELV-24VDC-IW
DIMMING AND CONTROLS				
LUTRON DIVA: DVELV-300P	•	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•	•
LUTRON RADIO RA2: RRD-6NA	N/A	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	N/A	•	•	•

ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS†					
ORDERING CODES	**PSB-2X100W-ELV-24VDC** 	**PSB-3X100W-ELV-24VDC** 	**PSB-4X100W-ELV-24VDC** 	**PSB-200W-ELV-24VDC** 	**PSB-2X200W-ELV-24VDC** 
SPECIFICATIONS					
MAXIMUM LOAD	2X96W	3X96W	4X96W	200W	2X200W
INPUT VOLTAGE	120VAC	120VAC	120VAC	120VAC	120VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"	12.15" X 6.48" X 2.18"	14" X 10" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	UL1598*	UL1598*
IN WALL MOUNTING	PSB-2X100W-ELV-24VDC-IW	N/A	N/A	PSB-200W-ELV-24VDC-IW	N/A
DIMMING AND CONTROLS					
LUTRON DIVA: DVELV-300P	•	•	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•	•	•
LUTRON RADIO RA2: RRD-6NA	•	•	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	•	•	•	•	•

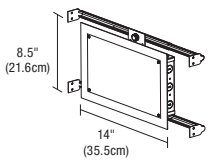
†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies.

*Classification: UL1598 - *24VDC over 100 watts, wires must be in conduit from Remote Power Supply to Junction Box in ceiling.



5.1 x 14.25 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-60W-ELV-24VDC-IW, PSB-100W-ELV-24VDC-IW



8.5 x 14 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-2x60W-ELV-24VDC-IW, PSB-2x100W-ELV-24VDC-IW, PSB-200W-ELV-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	

NOVA SUSPENSION UP/DOWN MODULAR SYSTEM - REMOTE POWER

REV 04.12.18

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA
PATENT PENDING

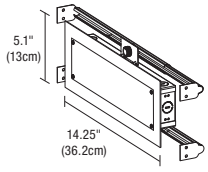
Required Components: 24VDC 0-10V Compatible Power Supplies.

0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODES	**PSB-25W-010-24VDC**	**PSB-60W-010-24VDC**	**PSB-96W-010-24VDC**	**PSB-2X96W-010-24VDC**
				
SPECIFICATIONS				
MAXIMUM LOAD	25W	60W	96W	2X96W
INPUT VOLTAGE	120VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN WALL MOUNTING	PSB-25W-010-24VDC-IW	PSB-60W-010-24VDC-IW	PSB-96W-010-24VDC-IW	PSB-2X96W-010-24VDC-IW
DIMMING AND CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA:: DVTV-WH	•	•	•	•
LUTRON PIPELINE T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•	•
LEVITON: LEV40050	•	•	•	•
LEVITON IP710-LFZ	•	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•	•

0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODES	**PSB-3X96W-010-24VDC**	**PSB-4X96W-010-24VDC**	**PSB-200W-010-24VDC**	**PSB-2X200W-010-24VDC**
				
SPECIFICATIONS				
MAXIMUM LOAD	3X96W	4X96W	200W	2X200W
INPUT VOLTAGE	120-277VAC	120-277VAC	120VAC	120VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	14" X 10" X 3"	17" X 13" X 3"	12.15" X 6.48" X 2.18"	14" X 10" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	UL1598*	UL1598*
IN WALL MOUNTING	N/A	N/A	PSB-200W-010-24VDC-IW	N/A
DIMMING AND CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA: DVTV-WH	•	•	•	•
LUTRON PIPELINE T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•	•
LEVITON: LEV40050	•	•	•	•
LEVITON IP710-LFZ	•	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•	•

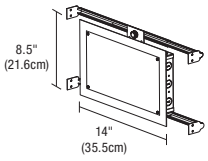
†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies.

*Classification: UL1598 - *24VDC over 100 watts, wires must be in conduit from Remote Power Supply to Junction Box in ceiling.



5.1 x 14.25 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-25W-010-24VDC-IW, PSB-60W-010-24VDC-IW, PSB-96W-010-24VDC-IW



8.5 x 14 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-2X96W-010-24VDC-IW, PSB-200W-010-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	

Required Components: 24VDC Lutron Compatible Power Supply

LUTRON HI-LUME® PREMIER .1% ECOSYSTEM® 3-WIRE POWER SUPPLY & RECOMMENDED CONTROLLERS†	
ORDERING CODES	**L3D0-96W24V-U** 
SPECIFICATIONS	
MAXIMUM LOAD	96W
INPUT VOLTAGE	120-277VAC
OUTPUT VOLTAGE	24VDC
DIMENSIONS	10.5" X 5.5" X 2"
CLASSIFICATION	CLASS 2
DIMMING AND CONTROLS	
RADIO RA2	•
HOMEWORKS QS	•
PHPM-3F-120	•
PHPM-3F-DV	•
BCI-0-10	•

†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies.

PROJECT		FIXTURE TYPE		DATE	

NOVA SUSPENSION UP/DOWN MODULAR SYSTEM - REMOTE POWER

Length Chart: Actual lengths for Nova Up/Down Modular Downlight Suspension, Remote Power Supply

22K, 27K, 30K, 35K, 40K & 57K			
ORDERING CODE (NOMINAL SIZE)	**ACTUAL LENGTH (INCHES)**	**ORDERING CODE (NOMINAL SIZE)**	**ACTUAL LENGTH (INCHES)**
12	12.0	68	67.2
15	14.4	70	69.6
17	16.8	72	72.0
20	19.2	75	74.4
22	21.6	77	76.8
24	24.0	80	79.2
27	26.4	82	81.6
29	28.8	84	84.0
32	31.2	87	86.4
34	33.6	89	88.8
36	36.0	92	91.2
39	38.4	94	93.6
41	40.8	96	96.0
44	43.2	99	98.4
46	45.6	101	100.8
48	48.0	104	103.2
51	50.4	106	105.6
53	52.8	108	108.0
56	55.2	111	110.4
58	57.6	113	112.8
60	60.0	116	115.2
63	62.4	118	117.6
65	64.8	120	120.0

27D & 30D			
ORDERING CODE (NOMINAL SIZE)	**ACTUAL LENGTH (INCHES)**	**ORDERING CODE (NOMINAL SIZE)**	**ACTUAL LENGTH (INCHES)**
12	12.0	69	69.0
15	15.0	72	72.0
18	18.0	75	75.0
21	21.0	78	78.0
24	24.0	81	81.0
27	27.0	84	84.0
30	30.0	87	87.0
33	33.0	90	90.0
36	36.0	93	93.0
39	39.0	96	96.0
42	42.0	99	99.0
45	45.0	102	102.0
48	48.0	105	105.0
51	51.0	108	108.0
54	54.0	111	111.0
57	57.0	114	114.0
60	60.0	117	117.0
63	63.0	120	120.0
66	66.0		

PROJECT		FIXTURE TYPE		DATE	

NOVA SUSPENSION UP/DOWN MODULAR SYSTEM - REMOTE POWER

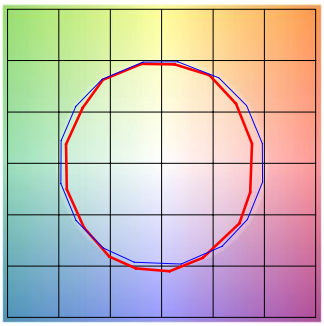
REV 04.12.18

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA
PATENT PENDING

TM-30-15 DATA: The data below is for SS2C, SS5C, SS7C and SS10C 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 | CRI: 85+

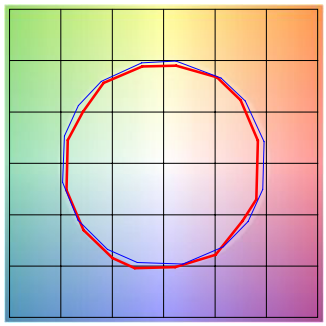
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	77.6	-10.0%	1.8%
2	80.7	-7.5%	7.0%
3	79.5	-2.9%	8.9%
4	90.5	-3.1%	2.4%
5	93.9	-1.3%	1.9%
6	91.9	-0.9%	-0.2%
7	87.6	-6.3%	-2.7%
8	90.5	-5.4%	2.7%
9	83.8	-4.7%	6.5%
10	81.2	-2.5%	10.0%
11	83.3	3.9%	9.4%
12	86.4	5.6%	2.6%
13	86.2	4.5%	-12.4%
14	64.3	-1.0%	-21.9%
15	85.1	-4.4%	-7.5%
16	75.0	-9.9%	-12.0%

2700K | Rf: 87.7 | Rg: 96.1 | CRI: 95+

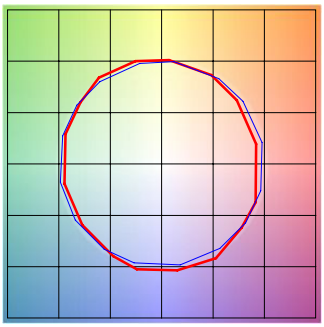
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	86.4	-5.6%	2.3%
2	89.7	-3.3%	3.1%
3	90.5	-1.5%	3.8%
4	90.0	-4.3%	1.1%
5	92.9	-3.7%	0.2%
6	93.5	-2.5%	-0.8%
7	86.3	-7.2%	2.5%
8	90.7	-4.0%	3.2%
9	85.2	-2.4%	8.1%
10	81.7	0.9%	10.8%
11	85.4	4.5%	8.9%
12	88.7	5.7%	-1.4%
13	88.3	1.3%	-7.9%
14	85.1	2.4%	-10.4%
15	88.1	-4.8%	-2.7%
16	81.7	-4.3%	-10.9%

3000K | Rf: 88.1 | Rg: 99.7 | CRI: 95+

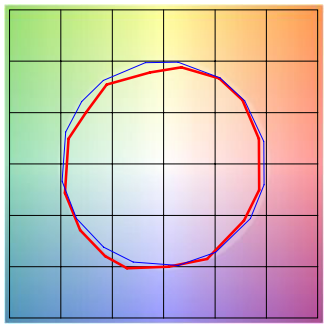
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	87.7	-5.9%	-0.3%
2	87.9	-4.4%	4.3%
3	82.9	-1.2%	7.9%
4	89.9	0.6%	4.7%
5	92.7	3.0%	3.5%
6	92.7	3.6%	-1.7%
7	90.8	-1.3%	-4.4%
8	93.7	-2.5%	-2.2%
9	91.7	-3.7%	2.3%
10	85.5	-2.8%	7.8%
11	83.3	0.7%	11.0%
12	86.4	5.5%	3.8%
13	90.6	4.6%	-3.6%
14	85.6	5.9%	-8.4%
15	89.5	-0.6%	-5.7%
16	82.6	-2.7%	-12.0%

3500K | Rf: 86.1 | Rg: 95.5 | CRI: 85+

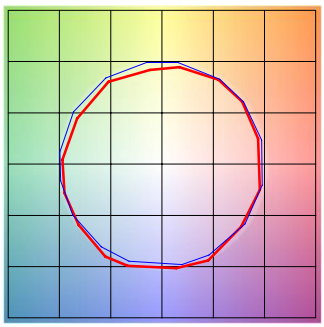
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	86.6	-4.2%	3.4%
2	91.7	-1.4%	1.8%
3	94.9	-0.7%	0.4%
4	87.9	-4.5%	-4.1%
5	85.9	-10.3%	-2.7%
6	89.8	-5.2%	-0.4%
7	79.6	-9.5%	6.5%
8	87.6	-4.0%	5.7%
9	81.4	-0.5%	11.8%
10	78.3	3.3%	11.4%
11	85.7	6.3%	6.1%
12	86.3	7.1%	-4.6%
13	86.1	-0.7%	-9.6%
14	85.1	0.8%	-10.4%
15	83.4	-4.1%	-5.3%
16	82.5	-3.6%	-5.7%

4000K | Rf: 87.6 | Rg: 96.8 | CRI: 85+

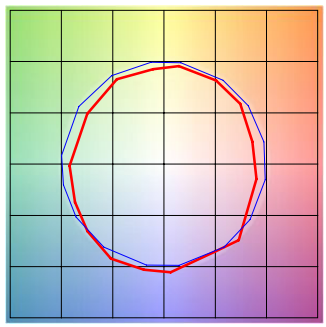
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	89.0	-3.1%	2.1%
2	93.2	-0.9%	1.3%
3	94.3	-1.1%	0.7%
4	89.5	-4.0%	-2.3%
5	87.6	-7.8%	-1.8%
6	92.2	-4.6%	0.1%
7	87.4	-6.6%	3.6%
8	85.7	-3.8%	7.0%
9	81.5	-1.3%	12.4%
10	80.0	0.9%	11.4%
11	83.3	5.9%	8.7%
12	89.7	4.8%	-0.3%
13	88.5	2.4%	-6.3%
14	92.7	4.0%	-3.8%
15	86.1	-1.6%	-4.5%
16	85.0	-1.4%	-5.0%

5700K | Rf: 80.3 | Rg: 91.5 | CRI: 85+

COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	73.8	-11.2%	2.6%
2	83.7	-5.5%	5.8%
3	84.2	-4.0%	5.5%
4	85.8	-3.5%	1.3%
5	85.3	-7.1%	0.6%
6	89.2	-5.8%	-2.2%
7	81.5	-10.7%	1.2%
8	75.7	-9.7%	8.5%
9	74.9	-7.8%	18.8%
10	67.8	-1.6%	18.0%
11	76.1	5.5%	12.0%
12	90.8	4.9%	-1.6%
13	83.6	5.0%	-9.5%
14	81.7	-1.2%	-10.0%
15	69.0	2.0%	-22.8%
16	83.2	-8.5%	-1.0%

PROJECT		FIXTURE TYPE		DATE	

NOVA SUSPENSION UP/DOWN MODULAR SYSTEM - REMOTE POWER

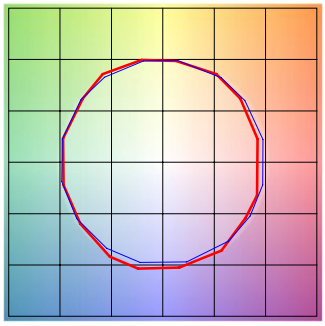
REV 04.12.18

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA
PATENT PENDING

TM-30-15 DATA: The data below is for SS2C, SS5C, SS7C and SS10C 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.

2700D | Rf: 89.5 | Rg: 100.8 | CRI: 95+

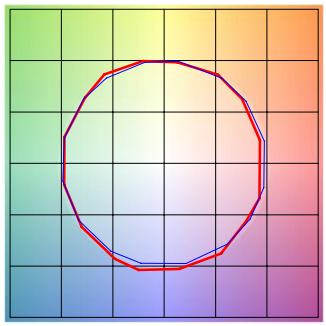
COLOR VECTOR GRAPHIC



		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 | CRI: 95+

COLOR VECTOR GRAPHIC



		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%

PROJECT		FIXTURE TYPE		DATE	