# NOVA LED SUSPENSION UP / DOWN

MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

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 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 pro-rated warranty. For quotes, custom paint and parts list, 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 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
- **Color Temperature Options:** 24K - 40K and Warm Dim **(27D, 30D)**
- **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:** Fully Assembled Push-in connectors

## APPLICATIONS

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

## NOVA CHANNEL COMPONENTS INCLUDED

- 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

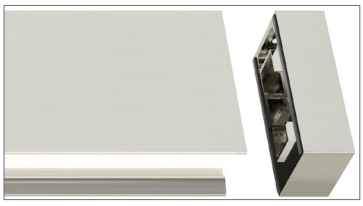
- Surface Mount or Remote Power Supply
- End Caps and L, T and X Connectors
- Power End Caps and Power Connectors (Includes Power Canopies)

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

- UNI Driver: Universal Dimming **(TRIAC, ELV, 0-10V)**
- Electronic Low Voltage **(ELV)**† 50W IC or 60W Non-IC (fits inside junction box)
- Lutron Hi-Lume/Ecosystem

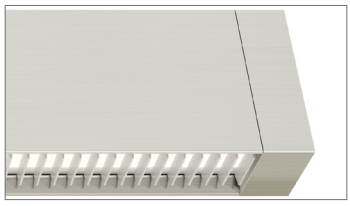
*In-Wall Mounting and drop ceiling Kits available for select power supplies

†ELV power supplies are not compatible with nlight, use only Universal power supplies

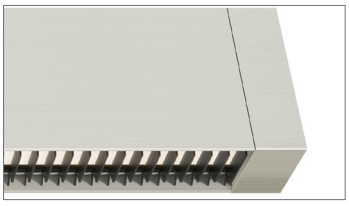


DIFFUSED WHITE LENS

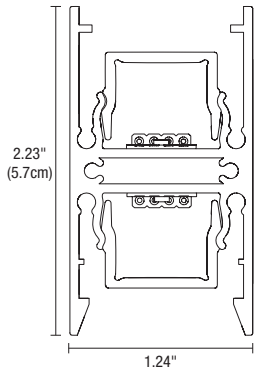
MODULAR END CAP



DIFFUSED WHITE LENS WHITE LOUVER



CLEAR FROSTED LENS BLACK LOUVER




**Without Louvers**

| System | Wattage Per Foot | Nominal Size in Inches | Color Temperature | Finish |
|---|---|---|---|---|
| NSUDDM | 7W | 120 | 24K | SN |

**NSUDDM** Nova Suspension Up/Down Modular, Diffused White 100° Lens without Louver
**NSUDDWM** Nova Suspension Up/Down Modular, Diffused White 100° Lens with White Louver
**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

**7W** 7.5 Watt, (2.5W up and 5W down)
**10W** 10 Watt, (5W up and 5W down)
**12W** 12.5 Watt, (5W up and 7.5W down)

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

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

**24K** 2400K Very Warm White
**27K** 2700K Incandescent 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

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

*Standard with Black cables

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**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 a Diffused White 100 degree lens for the Down Light, and a Clear Frosted 60 degree 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 feet. The Channel runs as long as 20 feet with 7 and 10 watts per foot, and 13.6 feet with 12 watts per foot before refeeding.

Diffused White Lens without Louver

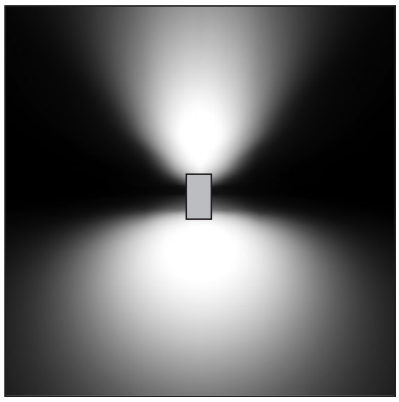
**Lamp Data:** Lamp data for Nova Up and Downlight without Louver

| NSUDDM, NSUDDWM, NSUDDBM, NSUDCWM, NSUDCBM | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DESCRIPTION** | 60° Clear Frosted Lens without Louver - Uplight | | | | | | | | | | | |
| **WATTS PER FOOT** | 2w (2.5 watts) | | | | | 5w (4.4 watts) | | | | | | |
| **COLOR TEMPERATURE** | 24K | 27K | 30K | 35K | 40K | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K |
| **LUMENS PER FOOT** (lm/ft) | 183 | 202 | 221 | 253 | 275 | 317 | 349 | 432 | 381 | 432 | 436 | 474 |
| **LUMENS PER WATT** (lm/w) | 73 | 81 | 88 | 101 | 110 | 72 | 79 | 90 | 86 | 90 | 99 | 107 |
| **CRI** | 90+ | 95+ | 95+ | 85+ | 85+ | 90+ | 95+ | 92+ | 95+ | 92+ | 85+ | 85+ |

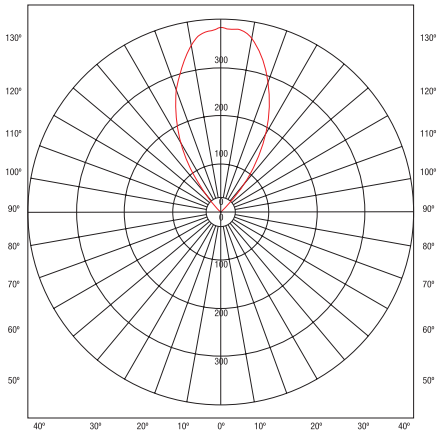
| NSUDDM | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DESCRIPTION** | 100° Diffused White Lens without Louver - Downlight | | | | | | | | | | | |
| **WATTS PER FOOT** | 5w (4.4 watts) | | | | | | | 7w (7.3 watts) | | | | |
| **COLOR TEMPERATURE** | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 24K | 27K | 30K | 35K | 40K |
| **LUMENS PER FOOT** (lm/ft) | 264 | 290 | 359 | 317 | 359 | 363 | 395 | 431 | 475 | 518 | 593 | 645 |
| **LUMENS PER WATT** (lm/w) | 60 | 65 | 75 | 72 | 75 | 83 | 89 | 59 | 65 | 71 | 81 | 88 |
| **CRI** | 90+ | 95+ | 92+ | 95+ | 92+ | 85+ | 85+ | 90+ | 95+ | 95+ | 85+ | 85+ |

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

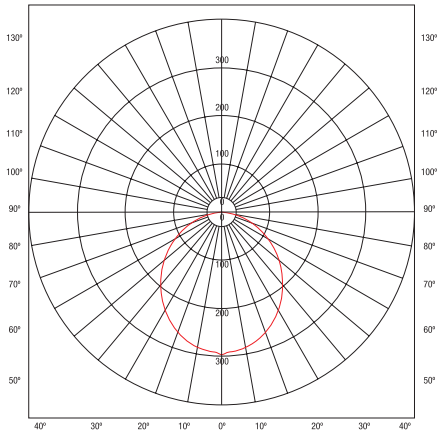
**BEAM SPREAD CHART**
**NSUDDM 3000K 10 Watt**
**5 Watt 60º Up, 5 Watt 100º Down**



**CANDLE POWER DISTRIBUTION 60º Up Light**

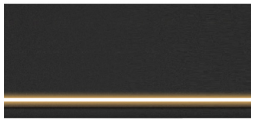



**CANDLE POWER DISTRIBUTION 100º Down Light**






White



Black



Chrome



Satin Brass



Satin Nickle

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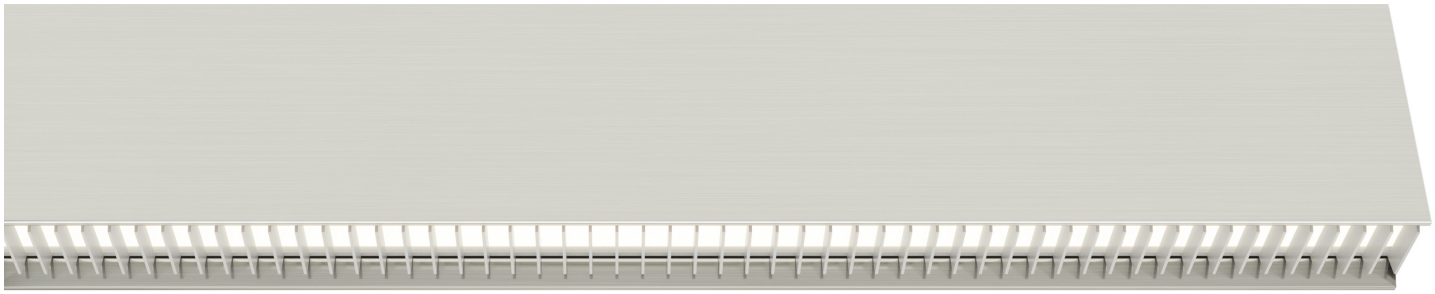
## Nova Suspension Up/Down Modular Channel with Diffused White Lens and Clear Frosted Lens with White Louver

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 a Diffused White lens or Clear Frosted Lens for the Down Light, and a Clear Frosted 60 Degree 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 Lover helps reduce, while preserving more lumen. The Channel runs as long as 20 feet with 7 and 10 watts per foot, and 13.6 feet with 12 watts per foot before refeeding.

| NSUDDM, NSUDDWM, NSUDDBM, NSUDCWM, NSUDCBM | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DESCRIPTION** | 60° Clear Frosted Lens without Louver - Uplight | | | | | | | | | | | |
| **WATTS PER FOOT** | 2w (2.5 watts) | | | | | 5w (4.4 watts) | | | | | | |
| **COLOR TEMPERATURE** | 24K | 27K | 30K | 35K | 40K | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K |
| **LUMENS PER FOOT** (lm/ft) | 183 | 202 | 221 | 253 | 275 | 317 | 349 | 432 | 381 | 432 | 436 | 474 |
| **LUMENS PER WATT** (lm/w) | 73 | 81 | 88 | 101 | 110 | 72 | 79 | 90 | 86 | 90 | 99 | 107 |
| **CRI** | 90+ | 95+ | 95+ | 85+ | 85+ | 90+ | 95+ | 92+ | 95+ | 92+ | 85+ | 85+ |

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

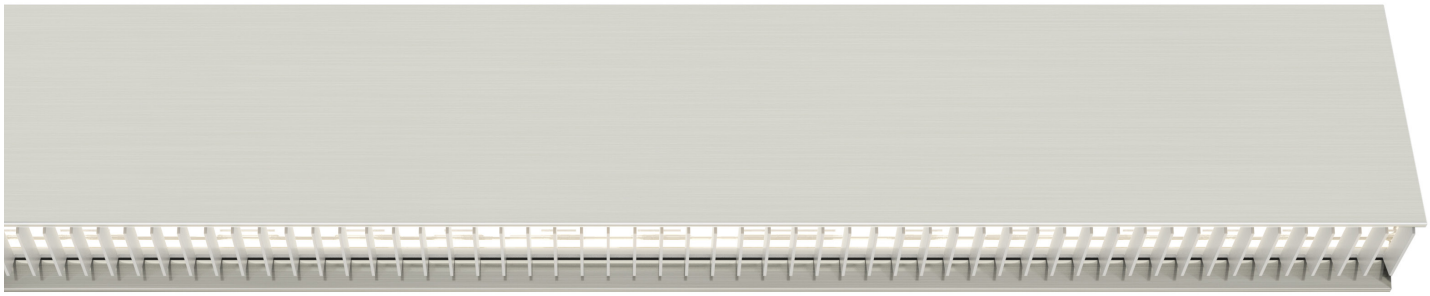


**Frosted Lens with White Louver (Not actual size)**

**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** | 5w (4.4 watts) | | | | | | | 7w (7.3 watts) | | | | |
| **COLOR TEMPERATURE** | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 24K | 27K | 30K | 35K | 40K |
| **LUMENS PER FOOT** (lm/ft) | 185 | 203 | 252 | 222 | 252 | 254 | 276 | 302 | 332 | 363 | 415 | 452 |
| **LUMENS PER WATT** (lm/w) | 42 | 46 | 52 | 50 | 52 | 58 | 63 | 41 | 45 | 50 | 57 | 62 |
| **CRI** | 90+ | 95+ | 92+ | 95+ | 92+ | 85+ | 85+ | 90+ | 95+ | 95+ | 85+ | 85+ |

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



**Frosted 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** | 5w (4.4 watts) | | | | | | | 7w (7.3 watts) | | | | |
| **COLOR TEMPERATURE** | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 24K | 27K | 30K | 35K | 40K |
| **LUMENS PER FOOT** (lm/ft) | 222 | 244 | 302 | 267 | 302 | 305 | 332 | 363 | 399 | 436 | 499 | 543 |
| **LUMENS PER WATT** (lm/w) | 50 | 55 | 63 | 60 | 63 | 69 | 75 | 50 | 55 | 60 | 68 | 74 |
| **CRI** | 90+ | 95+ | 92+ | 95+ | 92+ | 85+ | 85+ | 90+ | 95+ | 95+ | 85+ | 85+ |

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

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

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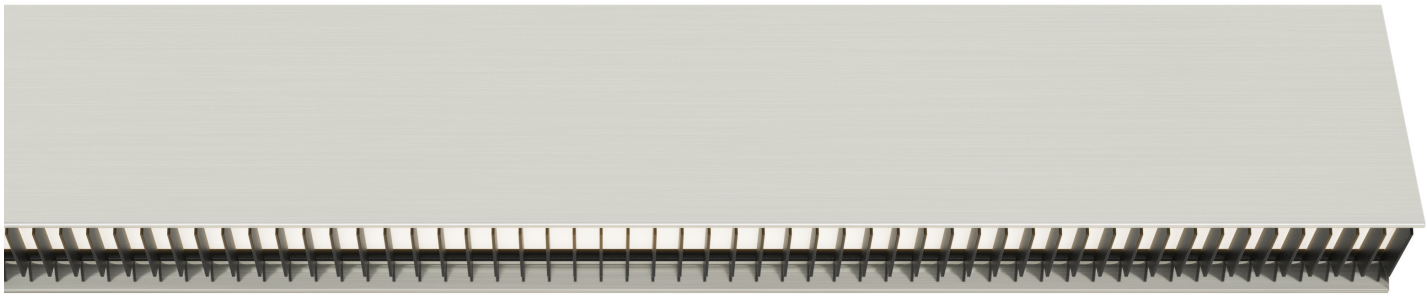
| NSUDDM, NSUDDWM, NSUDDBM, NSUDCWM, NSUDCBM | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DESCRIPTION** | 60° Clear Frosted Lens without Louver - Uplight | | | | | | | | | | | |
| **WATTS PER FOOT** | 2w (2.5 watts) | | | | | 5w (4.4 watts) | | | | | | |
| **COLOR TEMPERATURE** | 24K | 27K | 30K | 35K | 40K | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K |
| **LUMENS PER FOOT** (lm/ft) | 183 | 202 | 221 | 253 | 275 | 317 | 349 | 432 | 381 | 432 | 436 | 474 |
| **LUMENS PER WATT** (lm/w) | 73 | 81 | 88 | 101 | 110 | 72 | 79 | 90 | 86 | 90 | 99 | 107 |
| **CRI** | 90+ | 95+ | 95+ | 85+ | 85+ | 90+ | 95+ | 92+ | 95+ | 92+ | 85+ | 85+ |

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

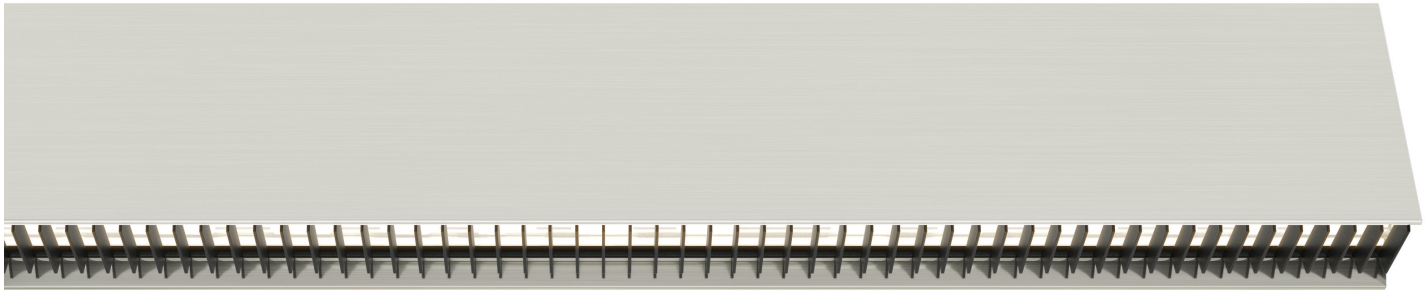


**Frosted Lens with Black Louver (Not actual size)**

**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** | 5w (4.4 watts) | | | | | | | 7w (7.3 watts) | | | | |
| **COLOR TEMPERATURE** | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 24K | 27K | 30K | 35K | 40K |
| **LUMENS PER FOOT** (lm/ft) | 116 | 127 | 157 | 139 | 157 | 159 | 173 | 189 | 208 | 227 | 260 | 283 |
| **LUMENS PER WATT** (lm/w) | 26 | 29 | 33 | 31 | 33 | 36 | 39 | 26 | 28 | 31 | 36 | 39 |
| **CRI** | 90+ | 95+ | 92+ | 95+ | 92+ | 85+ | 85+ | 90+ | 95+ | 95+ | 85+ | 85+ |

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



**Frosted Lens with Black Louver (Not actual size)**

**Lamp Data:** Lamp data for Nova Up and 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** | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 24K | 27K | 30K | 35K | 40K |
| **LUMENS PER FOOT** (lm/ft) | 139 | 153 | 189 | 167 | 189 | 191 | 208 | 227 | 250 | 273 | 312 | 339 |
| **LUMENS PER WATT** (lm/w) | 31 | 34 | 39 | 38 | 39 | 43 | 47 | 31 | 34 | 37 | 43 | 46 |
| **CRI** | 90+ | 95+ | 92+ | 95+ | 92+ | 85+ | 85+ | 90+ | 95+ | 95+ | 85+ | 85+ |

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

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

| | | STATIC WHITE (2.5W UP + 5W DOWN) | | | STATIC WHITE (5W UP + 5W UP) | | | STATIC WHITE (5W UP + 7.3W DOWN) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Ordering Code (Nominal Size) | Actual Lengths (Inches) | Up Wattage | Down Wattage | Power Supply | Up Wattage | Down Wattage | Power Supply | Up Wattage | Down Wattage | Power Supply |
| 12 | 12.0 | 3 | 5 | PSB-2X40W-UNI-24VDC | 5 | 5 | PSB-2X40W-UNI-24VDC | 5 | 7 | PSB-2X40W-UNI-24VDC |
| 15 | 14.4 | 3 | 6 | PSB-2X40W-UNI-24VDC | 6 | 6 | PSB-2X40W-UNI-24VDC | 6 | 9 | PSB-2X40W-UNI-24VDC |
| 17 | 16.8 | 4 | 7 | PSB-2X40W-UNI-24VDC | 7 | 7 | PSB-2X40W-UNI-24VDC | 7 | 10 | PSB-2X40W-UNI-24VDC |
| 20 | 19.2 | 4 | 8 | PSB-2X40W-UNI-24VDC | 8 | 8 | PSB-2X40W-UNI-24VDC | 8 | 12 | PSB-2X40W-UNI-24VDC |
| 22 | 21.6 | 5 | 9 | PSB-2X40W-UNI-24VDC | 9 | 9 | PSB-2X40W-UNI-24VDC | 9 | 13 | PSB-2X40W-UNI-24VDC |
| 24 | 24.0 | 5 | 10 | PSB-2X40W-UNI-24VDC | 10 | 10 | PSB-2X40W-UNI-24VDC | 10 | 15 | PSB-2X40W-UNI-24VDC |
| 27 | 26.4 | 6 | 11 | PSB-2X40W-UNI-24VDC | 11 | 11 | PSB-2X40W-UNI-24VDC | 11 | 16 | PSB-2X40W-UNI-24VDC |
| 29 | 28.8 | 6 | 12 | PSB-2X40W-UNI-24VDC | 12 | 12 | PSB-2X40W-UNI-24VDC | 12 | 18 | PSB-2X40W-UNI-24VDC |
| 32 | 31.2 | 7 | 13 | PSB-2X40W-UNI-24VDC | 13 | 13 | PSB-2X40W-UNI-24VDC | 13 | 19 | PSB-2X40W-UNI-24VDC |
| 34 | 33.6 | 7 | 14 | PSB-2X40W-UNI-24VDC | 14 | 14 | PSB-2X40W-UNI-24VDC | 14 | 21 | PSB-2X40W-UNI-24VDC |
| 36 | 36.0 | 8 | 15 | PSB-2X40W-UNI-24VDC | 15 | 15 | PSB-2X40W-UNI-24VDC | 15 | 22 | PSB-2X40W-UNI-24VDC |
| 39 | 38.4 | 8 | 16 | PSB-2X40W-UNI-24VDC | 16 | 16 | PSB-2X40W-UNI-24VDC | 16 | 24 | PSB-2X40W-UNI-24VDC |
| 41 | 40.8 | 9 | 17 | PSB-2X40W-UNI-24VDC | 17 | 17 | PSB-2X40W-UNI-24VDC | 17 | 25 | PSB-2X40W-UNI-24VDC |
| 44 | 43.2 | 9 | 18 | PSB-2X40W-UNI-24VDC | 18 | 18 | PSB-2X40W-UNI-24VDC | 18 | 27 | PSB-2X40W-UNI-24VDC |
| 46 | 45.6 | 10 | 19 | PSB-2X40W-UNI-24VDC | 19 | 19 | PSB-2X40W-UNI-24VDC | 19 | 28 | PSB-2X40W-UNI-24VDC |
| 48 | 48.0 | 10 | 20 | PSB-2X40W-UNI-24VDC | 20 | 20 | PSB-2X40W-UNI-24VDC | 20 | 29 | PSB-2X40W-UNI-24VDC |
| 51 | 50.4 | 11 | 21 | PSB-2X40W-UNI-24VDC | 21 | 21 | PSB-2X40W-UNI-24VDC | 21 | 31 | PSB-2X40W-UNI-24VDC |
| 53 | 52.8 | 11 | 22 | PSB-2X40W-UNI-24VDC | 22 | 22 | PSB-2X40W-UNI-24VDC | 22 | 32 | PSB-2X40W-UNI-24VDC |
| 56 | 55.2 | 12 | 23 | PSB-2X40W-UNI-24VDC | 23 | 23 | PSB-2X40W-UNI-24VDC | 23 | 34 | PSB-2X40W-UNI-24VDC |
| 58 | 57.6 | 12 | 24 | PSB-2X40W-UNI-24VDC | 24 | 24 | PSB-2X40W-UNI-24VDC | 24 | 35 | PSB-2X40W-UNI-24VDC |
| 60 | 60.0 | 13 | 25 | PSB-2X40W-UNI-24VDC | 25 | 25 | PSB-2X40W-UNI-24VDC | 25 | 36 | PSB-2X40W-UNI-24VDC |
| 63 | 62.4 | 13 | 26 | PSB-2X40W-UNI-24VDC | 26 | 26 | PSB-2X40W-UNI-24VDC | 26 | 38 | PSB-2X40W-UNI-24VDC |
| 65 | 64.8 | 14 | 27 | PSB-2X40W-UNI-24VDC | 27 | 27 | PSB-2X40W-UNI-24VDC | 27 | 40 | PSB-2X60W-UNI-24VDC |
| 68 | 67.2 | 14 | 28 | PSB-2X40W-UNI-24VDC | 28 | 28 | PSB-2X40W-UNI-24VDC | 28 | 41 | PSB-2X60W-UNI-24VDC |
| 70 | 69.6 | 15 | 29 | PSB-2X40W-UNI-24VDC | 29 | 29 | PSB-2X40W-UNI-24VDC | 29 | 43 | PSB-2X60W-UNI-24VDC |
| 72 | 72.0 | 15 | 30 | PSB-2X40W-UNI-24VDC | 30 | 30 | PSB-2X40W-UNI-24VDC | 30 | 44 | PSB-2X60W-UNI-24VDC |
| 75 | 74.4 | 16 | 31 | PSB-2X40W-UNI-24VDC | 31 | 31 | PSB-2X40W-UNI-24VDC | 31 | 46 | PSB-2X60W-UNI-24VDC |
| 77 | 76.8 | 16 | 32 | PSB-2X40W-UNI-24VDC | 32 | 32 | PSB-2X40W-UNI-24VDC | 32 | 47 | PSB-2X60W-UNI-24VDC |
| 80 | 79.2 | 17 | 33 | PSB-2X40W-UNI-24VDC | 33 | 33 | PSB-2X40W-UNI-24VDC | 33 | 49 | PSB-2X60W-UNI-24VDC |
| 82 | 81.6 | 17 | 34 | PSB-2X40W-UNI-24VDC | 34 | 34 | PSB-2X40W-UNI-24VDC | 34 | 50 | PSB-2X60W-UNI-24VDC |
| 84* | 84.0 | 18 | 35 | PSB-2X40W-UNI-24VDC | 35 | 35 | PSB-2X40W-UNI-24VDC | 35 | 51 | PSB-2X60W-UNI-24VDC |
| 87 | 86.4 | 18 | 36 | PSB-2X40W-UNI-24VDC | 36 | 36 | PSB-2X40W-UNI-24VDC | 36 | 53 | PSB-2X60W-UNI-24VDC |
| 89 | 88.8 | 19 | 37 | PSB-2X40W-UNI-24VDC | 37 | 37 | PSB-2X40W-UNI-24VDC | 37 | 54 | PSB-2X60W-UNI-24VDC |
| 92 | 91.2 | 19 | 38 | PSB-2X40W-UNI-24VDC | 38 | 38 | PSB-2X40W-UNI-24VDC | 38 | 56 | PSB-2X60W-UNI-24VDC |
| 94 | 93.6 | 20 | 39 | PSB-2X40W-UNI-24VDC | 39 | 39 | PSB-2X40W-UNI-24VDC | 39 | 57 | PSB-2X60W-UNI-24VDC |
| 96 | 96.0 | 20 | 40 | PSB-2X60W-UNI-24VDC | 40 | 40 | PSB-2X60W-UNI-24VDC | 40 | 58 | PSB-2X60W-UNI-24VDC |
| 99 | 98.4 | 21 | 41 | PSB-2X60W-UNI-24VDC | 41 | 41 | PSB-2X60W-UNI-24VDC | 41 | 60 | PSB-2X96W-UNI-24VDC |
| 101 | 100.8 | 21 | 42 | PSB-2X60W-UNI-24VDC | 42 | 42 | PSB-2X60W-UNI-24VDC | 42 | 61 | PSB-2X96W-UNI-24VDC |
| 104 | 103.2 | 22 | 43 | PSB-2X60W-UNI-24VDC | 43 | 43 | PSB-2X60W-UNI-24VDC | 43 | 63 | PSB-2X96W-UNI-24VDC |
| 106 | 105.6 | 22 | 44 | PSB-2X60W-UNI-24VDC | 44 | 44 | PSB-2X60W-UNI-24VDC | 44 | 64 | PSB-2X96W-UNI-24VDC |
| 108 | 108.0 | 23 | 45 | PSB-2X60W-UNI-24VDC | 45 | 45 | PSB-2X60W-UNI-24VDC | 45 | 66 | PSB-2X96W-UNI-24VDC |
| 111 | 110.4 | 23 | 46 | PSB-2X60W-UNI-24VDC | 46 | 46 | PSB-2X60W-UNI-24VDC | 46 | 68 | PSB-2X96W-UNI-24VDC |
| 113 | 112.8 | 24 | 47 | PSB-2X60W-UNI-24VDC | 47 | 47 | PSB-2X60W-UNI-24VDC | 47 | 69 | PSB-2X96W-UNI-24VDC |
| 116 | 115.2 | 24 | 48 | PSB-2X60W-UNI-24VDC | 48 | 48 | PSB-2X60W-UNI-24VDC | 48 | 71 | PSB-2X96W-UNI-24VDC |
| 118 | 117.6 | 25 | 49 | PSB-2X60W-UNI-24VDC | 49 | 49 | PSB-2X60W-UNI-24VDC | 49 | 72 | PSB-2X96W-UNI-24VDC |
| 120** | 120.0 | 25 | 50 | PSB-2X60W-UNI-24VDC | 50 | 50 | PSB-2X60W-UNI-24VDC | 50 | 73 | PSB-2X96W-UNI-24VDC |

*Maximum Chrome Length **Maximum Shipping Length

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

# NOVA LED SUSPENSION UP / DOWN

MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

REV 02.18.22

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

| 27D & 30D 10W (5W UP + 5W UP) | | | | |
|---|---|---|---|---|
| **Ordering Code (Nominal Size)** | **Actual Length (Inches)** | **Up Wattage** | **Down Wattage** | **Power Supply** |
| 12 | 12 | 5 | 5 | PSB-2X60W-UNI-24VDC |
| 15 | 15 | 6 | 6 | PSB-2X60W-UNI-24VDC |
| 18 | 18 | 8 | 8 | PSB-2X60W-UNI-24VDC |
| 21 | 21 | 9 | 9 | PSB-2X60W-UNI-24VDC |
| 24 | 24 | 10 | 10 | PSB-2X60W-UNI-24VDC |
| 27 | 27 | 11 | 11 | PSB-2X60W-UNI-24VDC |
| 30 | 30 | 13 | 13 | PSB-2X60W-UNI-24VDC |
| 33 | 33 | 14 | 14 | PSB-2X60W-UNI-24VDC |
| 36 | 36 | 15 | 15 | PSB-2X40W-UNI-24VDC |
| 39 | 39 | 16 | 16 | PSB-2X40W-UNI-24VDC |
| 42 | 42 | 18 | 18 | PSB-2X40W-UNI-24VDC |
| 45 | 45 | 19 | 19 | PSB-2X40W-UNI-24VDC |
| 48 | 48 | 20 | 20 | PSB-2X40W-UNI-24VDC |
| 51 | 51 | 21 | 21 | PSB-2X40W-UNI-24VDC |
| 54 | 54 | 23 | 23 | PSB-2X40W-UNI-24VDC |
| 57 | 57 | 24 | 24 | PSB-2X40W-UNI-24VDC |
| 60 | 60 | 25 | 25 | PSB-2X40W-UNI-24VDC |
| 63 | 63 | 26 | 26 | PSB-2X40W-UNI-24VDC |
| 66 | 66 | 28 | 28 | PSB-2X40W-UNI-24VDC |

| 27D & 30D 10W (5W UP + 5W UP) | | | | |
|---|---|---|---|---|
| **Ordering Code (Nominal Size)** | **Actual Length (Inches)** | **Up Wattage** | **Down Wattage** | **Power Supply** |
| 69 | 69 | 29 | 29 | PSB-2X40W-UNI-24VDC |
| 72 | 72 | 30 | 30 | PSB-2X40W-UNI-24VDC |
| 75 | 75 | 31 | 31 | PSB-2X40W-UNI-24VDC |
| 78 | 78 | 33 | 33 | PSB-2X40W-UNI-24VDC |
| 81 | 81 | 34 | 34 | PSB-2X40W-UNI-24VDC |
| 84* | 84 | 35 | 35 | PSB-2X40W-UNI-24VDC |
| 87 | 87 | 36 | 36 | PSB-2X60W-UNI-24VDC |
| 90 | 90 | 38 | 38 | PSB-2X40W-UNI-24VDC |
| 93 | 93 | 39 | 39 | PSB-2X40W-UNI-24VDC |
| 96 | 96 | 40 | 40 | PSB-2X60W-UNI-24VDC |
| 99 | 99 | 41 | 41 | PSB-2X60W-UNI-24VDC |
| 102 | 102 | 43 | 43 | PSB-2X60W-UNI-24VDC |
| 105 | 105 | 44 | 44 | PSB-2X60W-UNI-24VDC |
| 108 | 108 | 45 | 45 | PSB-2X60W-UNI-24VDC |
| 111 | 111 | 46 | 46 | PSB-2X60W-UNI-24VDC |
| 114 | 114 | 48 | 48 | PSB-2X60W-UNI-24VDC |
| 117 | 117 | 49 | 49 | PSB-2X60W-UNI-24VDC |
| 120** | 120 | 50 | 50 | PSB-2X60W-UNI-24VDC |

*Maximum Chrome Length **Maximum Shipping Length

| Nova Up Light 2 Watt 100° | |
|---|---|
| Distance | Foot Candles |
| 1' | 90 |
| 1.5' | 58 |
| 2' | 43 |
| 3' | 27 |
| 4' | 20 |
| 5' | 15 |
| 6' | 11 |
| 7' | 9 |
| 8' | 7 |

| 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 |

| Nova Downlight 7 Watt 100° | |
|---|---|
| Distance | Foot Candles |
| 1' | 251 |
| 1.5' | 165 |
| 2' | 121 |
| 3' | 79 |
| 4' | 57 |
| 5' | 43 |
| 6' | 34 |
| 7' | 27 |
| 8' | 23 |

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

# NOVA LED SUSPENSION UP / DOWN

MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

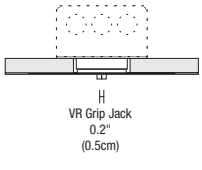
PURE EDGE LIGHTING

REV 02.18.22

## 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.

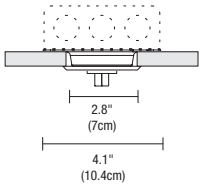
**VR-2XK (Vanishing Point)**




**Plaster In System**

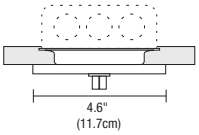
**2R-2XK (2" Round Canopy)**

**2S-2XK (2" Square Canopy)**



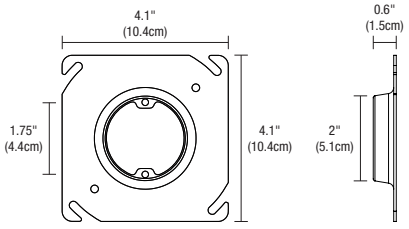

**4R-2XK (4" Round Canopy)**

**4S-2XK (4" Square Canopy)**

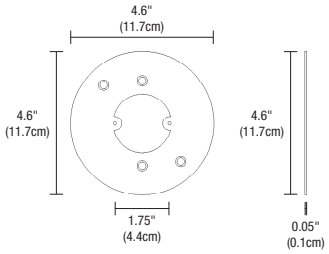



## NEW CONSTRUCTION & REMODEL 2" COVER FOR 4" SQUARE JUNCTION BOX

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 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.





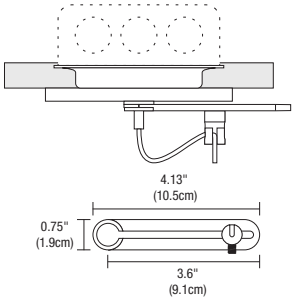




| System | Product |
|---|---|
| NC2 | JBOX |

**NC2** New Construction 2"
**RM2** Remodel Plaster Plate

**JBOX** Junction Box

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




## CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK

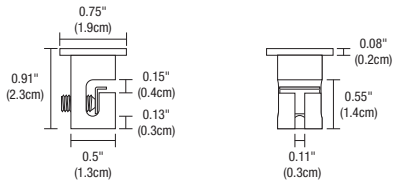
Channel Suspension Adjustable Swag Bar and Hook allows a cable to form a straight connection to the channel when the Power Canopy is not located directly above the fixture. Use when you have two or more canopies (power supplies) on the same fixture run. The Adjustable Swag Hook is compatible with the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



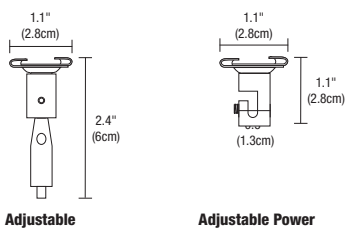

## CHANNEL SUSPENSION SWAG HOOK

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 | |
|---|---|---|---|---|---|

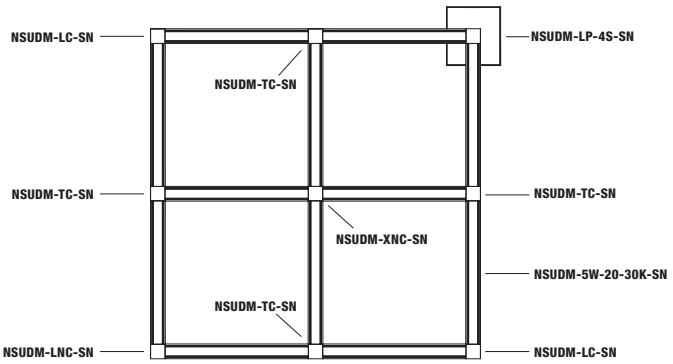
# NOVA LED SUSPENSION UP / DOWN

MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

REV 02.18.22

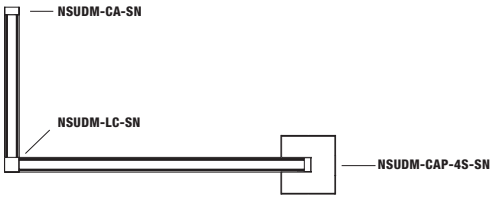
**COMPONENTS:** Power End Cap, End Cap, Joining Connector, and Raceway Channel

Indicates 24VDC Power Flow

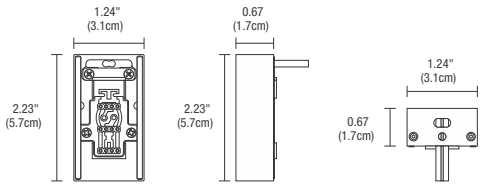



## MODULAR CONFIGURATIONS

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). Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

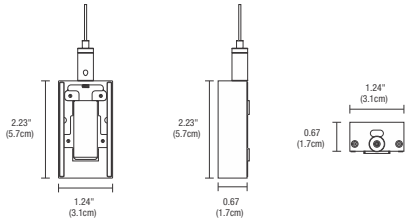
| System | Type | Power Canopy | Finish |
|---|---|---|---|
| NSUDM | CAP | 2R | SN |

**NSUDM** Nova Suspension Up/ Down Modular

**CAP** End Cap Power

**2R** 2.8" Round Canopy 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

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




## END CAP

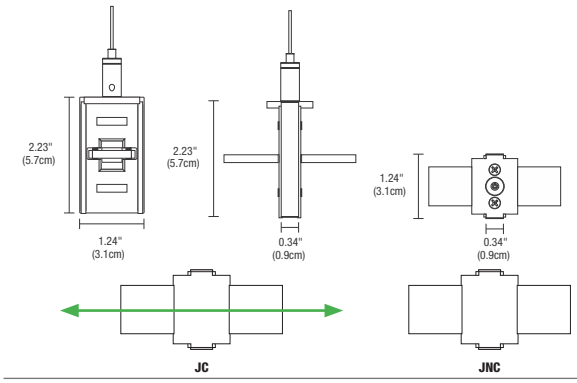
End Caps terminate the Nova Suspension Up/Down Modular channel run and provide a finished look.

| 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

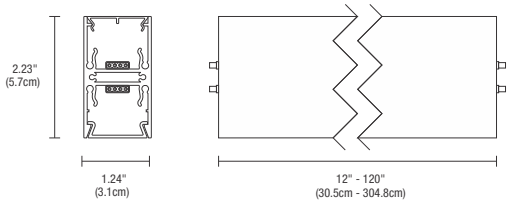
Joining Connector joins two sections of Nova Suspension Up/Down Modular channels in straight runs. It is electrically powered from the previous channel **(JC)** or isolates the power **(JNC)**. Includes 12 feet of aircraft cable, which easily adjusts at connector.

| 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




## 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 custom ordered in 3, 5, 8 or 10 inch increments.

**BK** Black Powder Paint
**CH** Chrome
**SN** Satin Nickel
**WH** White Powder Paint
**BZ** Antique Bronze Rail

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

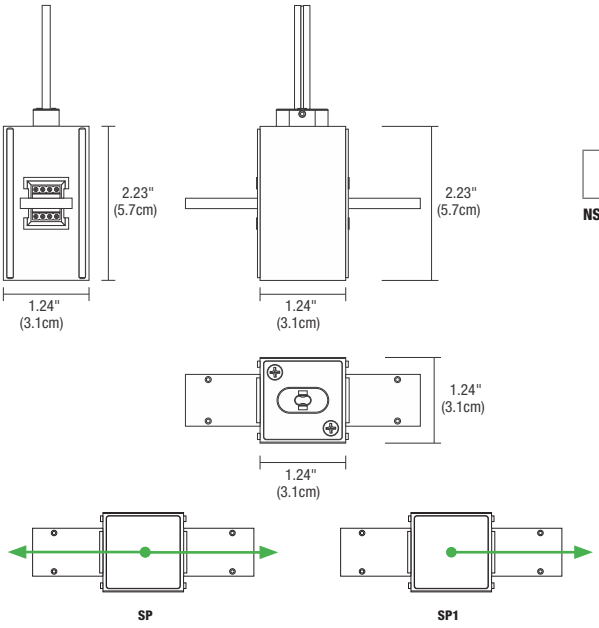
# NOVA LED SUSPENSION UP / DOWN

MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM



**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). Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

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

**System**

**NSUDM** Nova Suspension Up/Down Modular

**Type**

**SP** Straight Center Power Connector, Conductive in 2 sections

**SP1** Straight Power Connector, Conductive in 1 Section

**Power Canopy**

**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

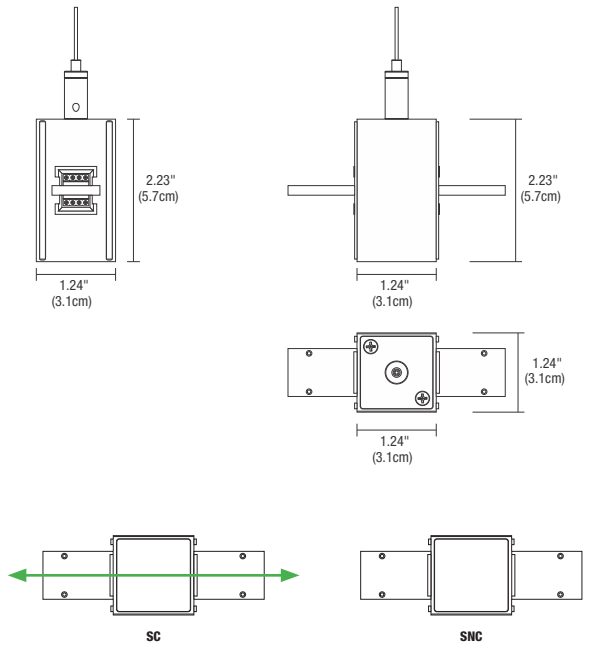
**Finish**

**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 feet of aircraft cable, which easily adjusts at connector.

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

**System**

**NSUDM** Nova Suspension Up/Down Modular

**Type**

**SC** Straight Conductive Connector

**SNC** Straight Non-Conductive Connector

**Finish**

**BK** Black Powder Paint

**CH** Chrome

**SN** Satin Nickel

**WH** White Powder Paint

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

# NOVA LED SUSPENSION UP / DOWN

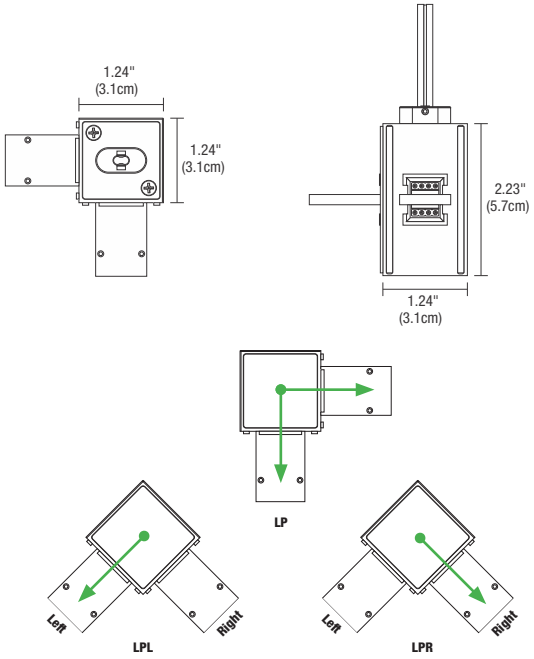
MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

PURE EDGE LIGHTING

REV 02.18.22

**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). Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

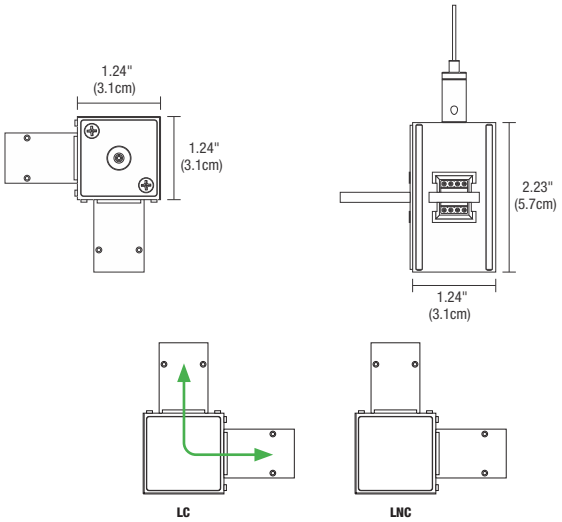
| System | | Type | | Power Canopy | | Finish |
|---|---|---|---|---|---|---|
| **NSUDM** | – | **LP** | – | **2R** | – | **SN** |

**NSUDM** Nova Suspension Up/Down Modular

**LP** L-Shaped Power Connector, Conductive on 2 Sections
**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

**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 | |
|---|---|---|---|---|---|

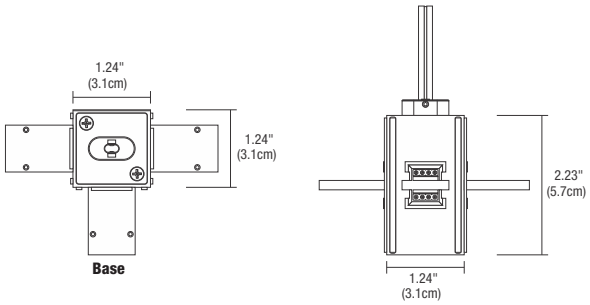
# NOVA LED SUSPENSION UP / DOWN

MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

REV 02.18.22

**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). Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

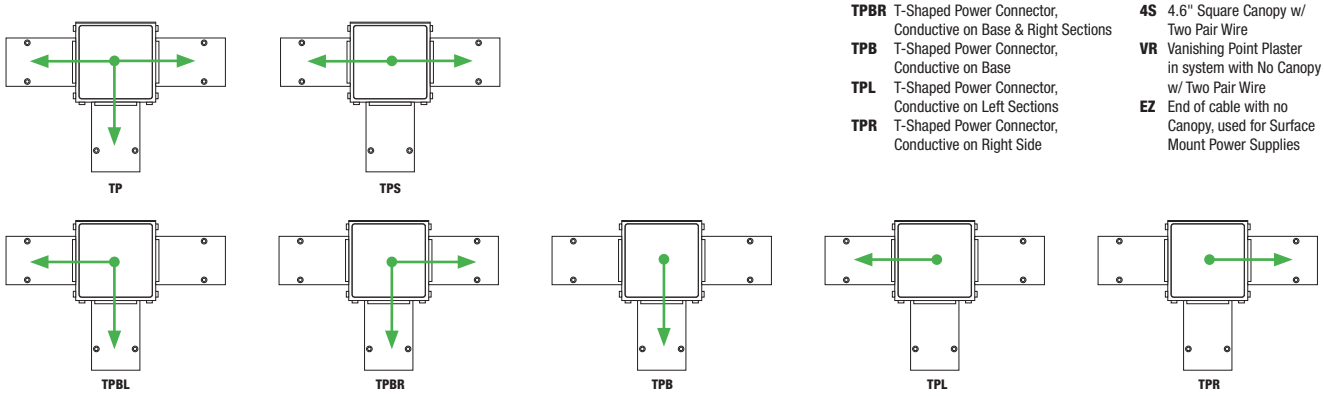
| System | Type | Power Canopy | Finish |
|---|---|---|---|
| **NSUDM** | **TP** | **2R** | **SN** |

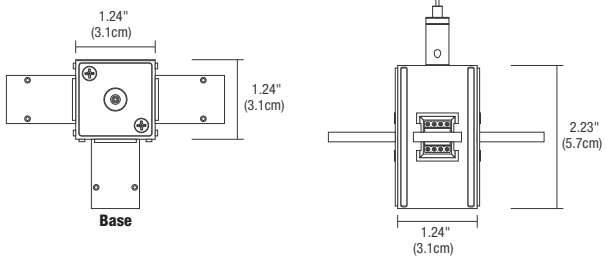
**NSUDM** Nova Suspension Up/Down Modular

**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

**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

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




## T-SHAPED CONNECTORS

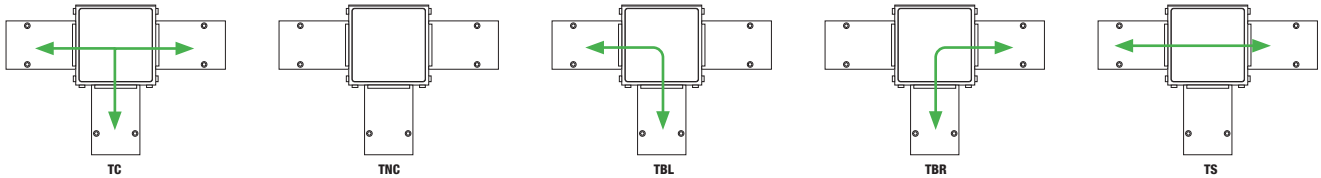
T-Shaped Connector joins three sections of Nova Suspension Up/Down Modular channels at 90 degrees apart. It isolates the power of each section **(TNC)**; or electrically conducts the power to section(s): all sections **(TC)**, base to left section **(TBL)**, base to right section **(TBR)** or straight 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

**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

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




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

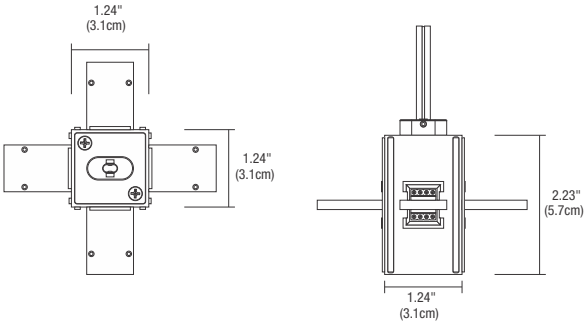
# NOVA LED SUSPENSION UP / DOWN

MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

REV 02.18.22

Indicates 24VDC Power Flow

**Components:** X-Shaped Connectors and 120 Degree Connectors




Base

## 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). Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

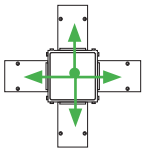
| System | | Type | | Power Canopy | | Finish |
|---|---|---|---|---|---|---|
| **NSUDM** | – | **XP** | – | **2R** | – | **SN** |

**NSUDM** Nova Suspension Up/Down Modular

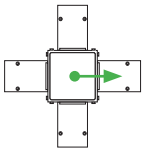
**XP** X-Shaped Power Connector, Conductive on 4 Sections
**XP1** X-Shaped Power Connector, Conductive on 1 Section
**XPS** X-Shaped Power Connector, Conductive Straight through 2 Sections
**XP90** X-Shaped Power Connector, Conductive on 2 Sections, 90 Degree Turn
**XPT** X-Shaped Power Connector, Conductive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

**2R** 2.8" Round Canopy 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

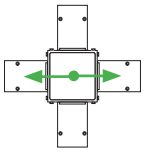
**BK** Black Powder Paint
**CH** Chrome
**SN** Satin Nickel
**WH** White Powder Paint



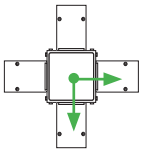
XP



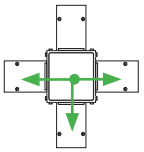
XP1



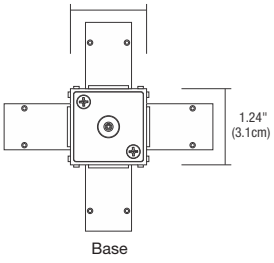
XPS



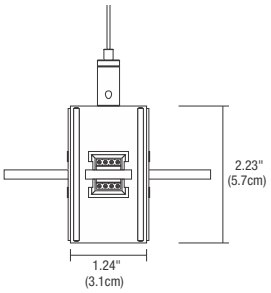
XP90



XPT




Base




## X-SHAPED CONNECTOR

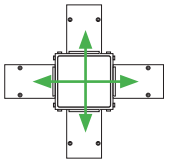
X-Shaped Connector joins four sections of Nova Suspension Up/Down Modular channels at 90 degrees apart. It isolates the power of each section **(XNC)** or electrically conducts the power to section(s): all sections **(XC)**, straight through two sections **(XS)**, two sections with 90 degree turn **(X90)**,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

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

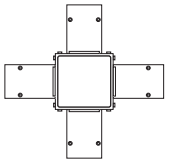
**NSUDM** Nova Suspension Up/Down Modular

**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

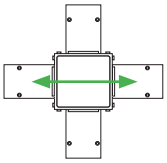
**BK** Black Powder Paint
**CH** Chrome
**SN** Satin Nickel
**WH** White Powder Paint



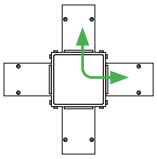
XC



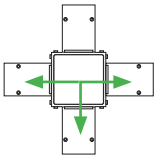
XNC



XS



X90



XT

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

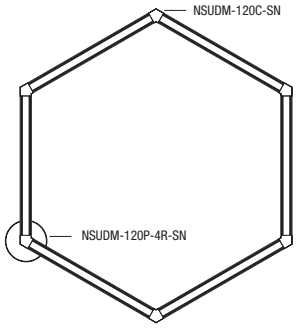
# NOVA LED SUSPENSION UP / DOWN

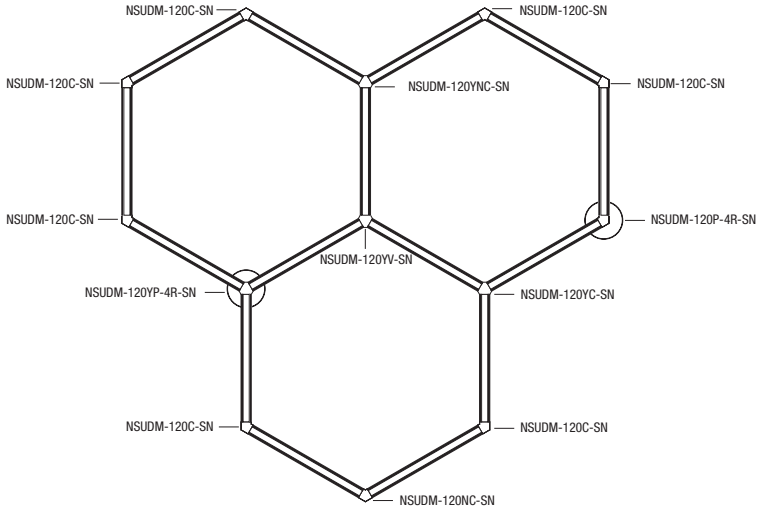
MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

REV 02.18.22

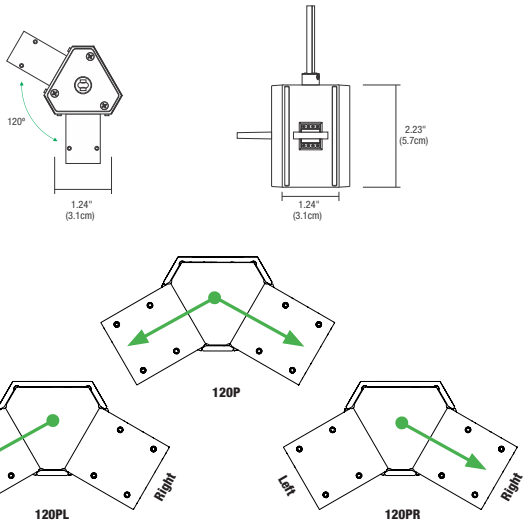
Indicates 24VDC Power Flow

**Components:** 120 Degree Connectors




**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. Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

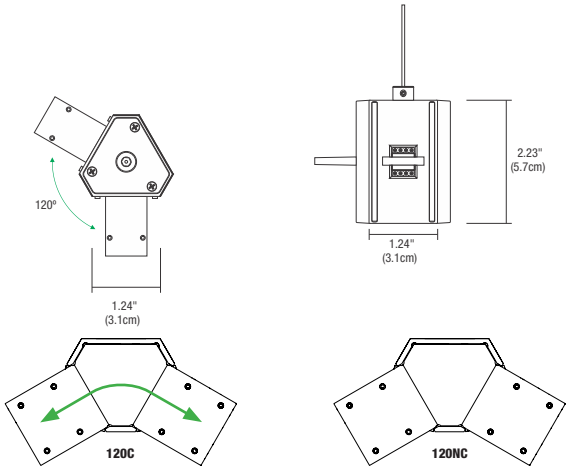
| System | | Type | | Power Canopy | | Finish |
|---|---|---|---|---|---|---|
| **NSUDM** | – | **120P** | – | **2R** | – | **SN** |

**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 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

**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 | |
|---|---|---|---|---|---|

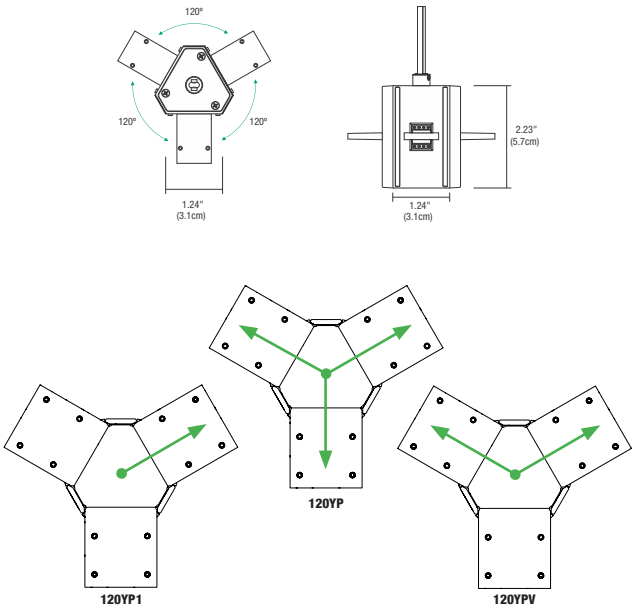
# NOVA LED SUSPENSION UP / DOWN

MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

REV 02.18.22

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

Indicates 24VDC Power Flow

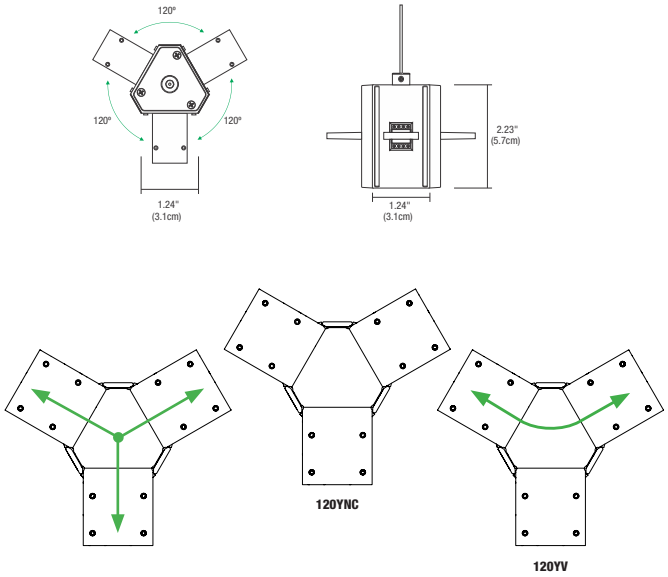



## 120 DEGREE Y-SHAPED POWER CONNECTOR WITH CANOPY

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. Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

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

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

| System | Type | Finish |
|---|---|---|
| **NSUDM** Nova Suspension Up/Down Modular | **120YC** 120 Degree Y-Shaped Conductive Connector<br>**120YNC** 120 Degree Y-Shaped Non-Conductive Connector<br>**120YV** 120 Degree Y-Shaped Conductive Straight through 2 Sections | **BK** Black Powder Paint<br>**CH** Chrome<br>**SN** Satin Nickel<br>**WH** White Powder Paint |

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

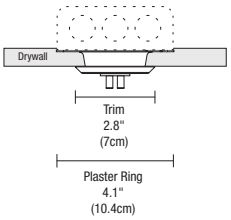
# NOVA LED SUSPENSION UP / DOWN

MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

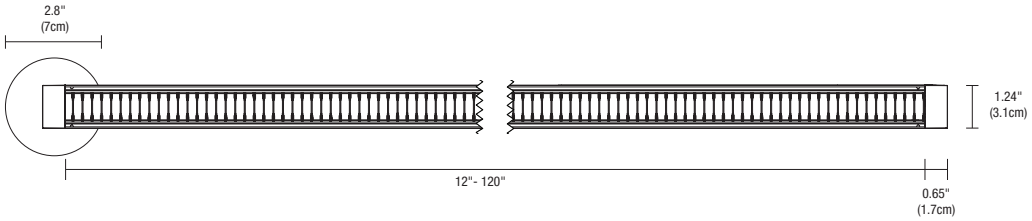
REV 02.18.22

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

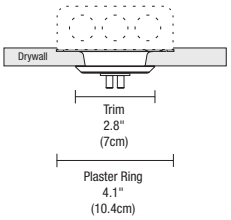
**2" Round Canopy**



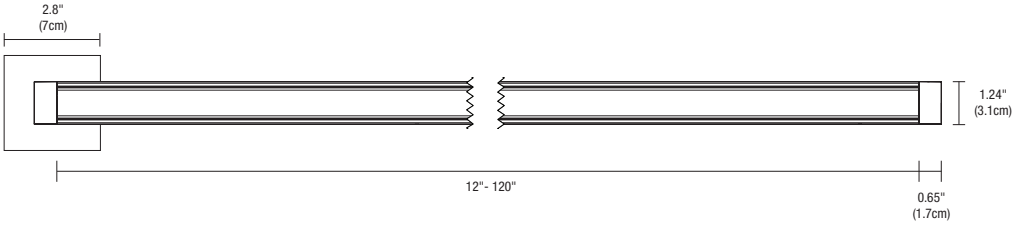

**Nova Suspension Up/Down Modular, 2" Round Canopy Shown with Louver - Bottom View**



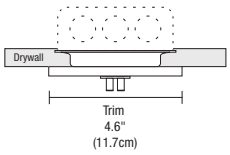

**2" Square Canopy**



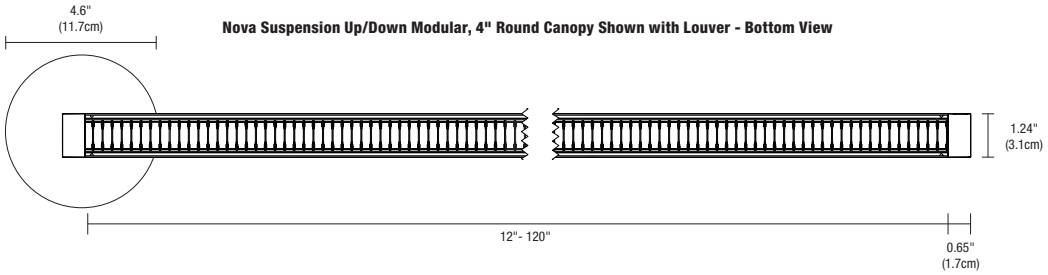

**Nova Suspension Up/Down Modular, 2" Square Canopy Shown without Louver - Bottom View**



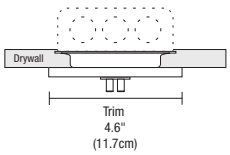

**4" Round Canopy**



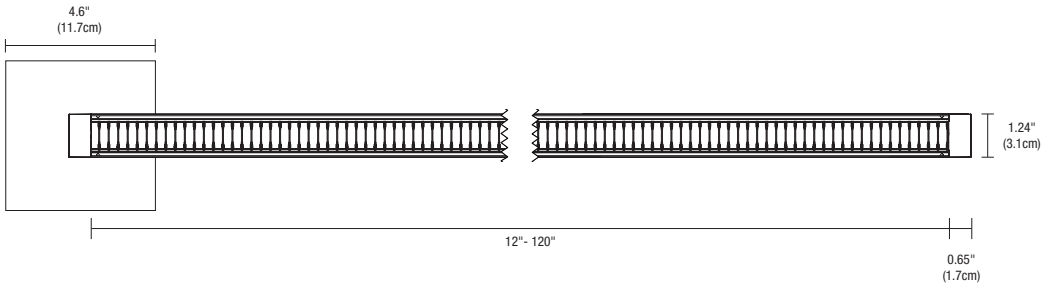

**Nova Suspension Up/Down Modular, 4" Round Canopy Shown with Louver - Bottom View**




**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 | |
|---|---|---|---|---|---|

# NOVA LED SUSPENSION UP / DOWN

MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

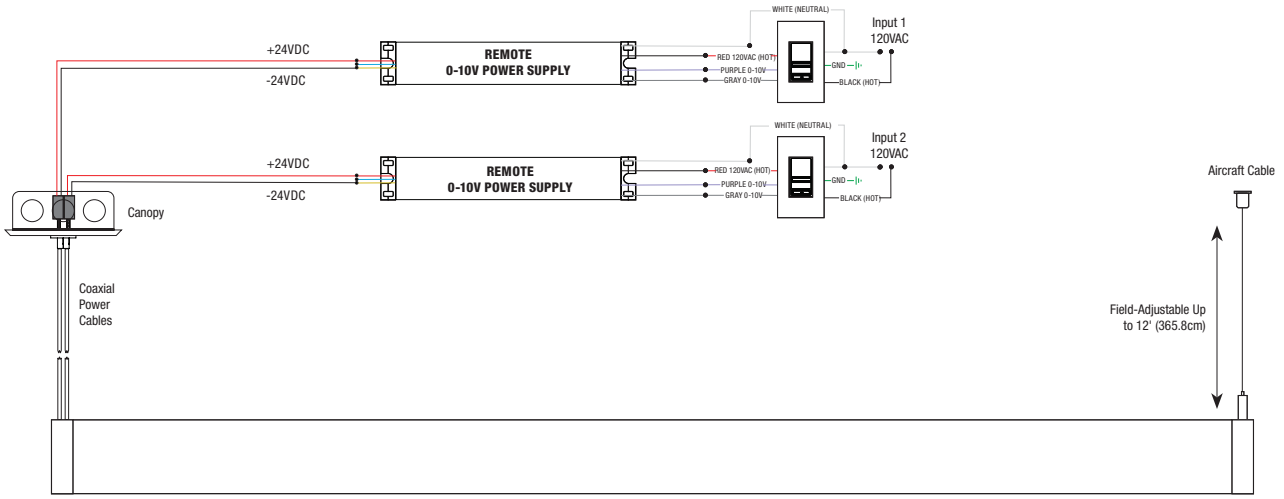


**Wirings:** Wiring diagrams for 0-10 dimming and ELV dimming

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

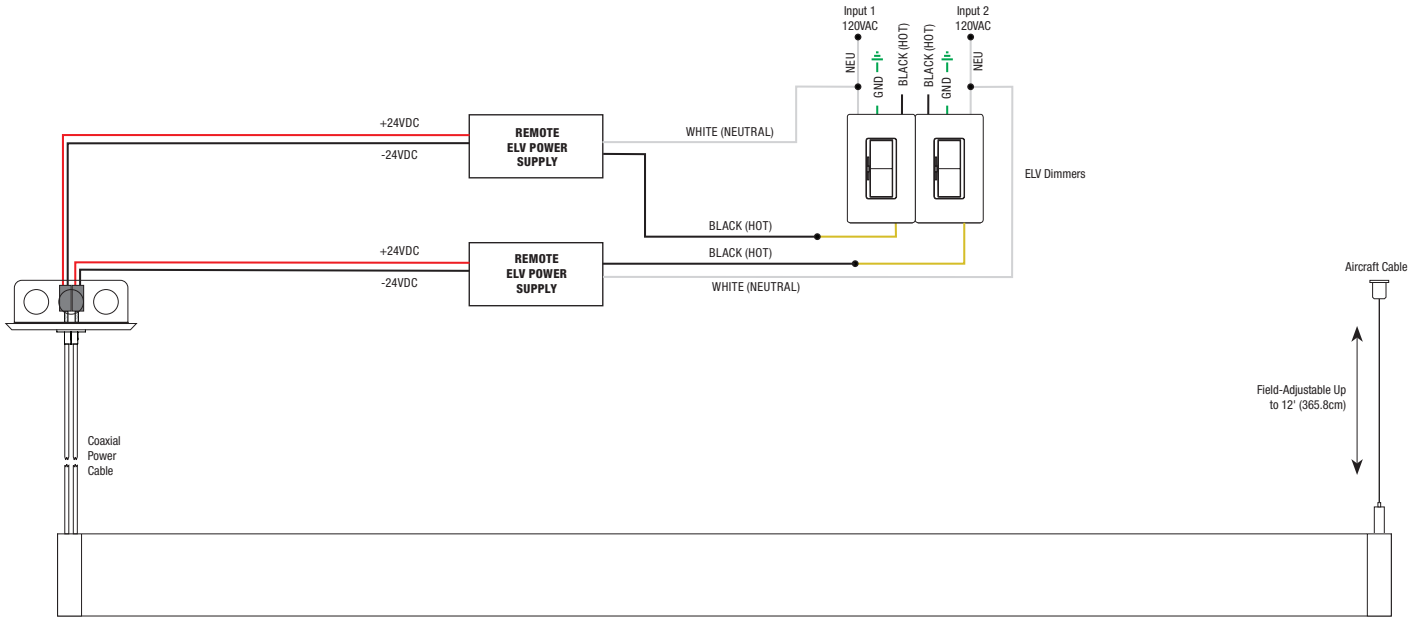
**Power Supply:** Class 2, 24VDC output: 120-277VAC input, PSB-2X96W-010 -24VDC

**Dimming:** Dimmable with 0-10V dimmer using power supplies above: Signify by Philips 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 | |
|---|---|---|---|---|---|

# NOVA LED SUSPENSION UP / DOWN

MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

REV 02.18.22

**Required Components:** Grip jack suspension canopies with power supplies

| GRIP JACK SUSPENSION CANOPIES WITH POWER SUPPLIES (USE WITH "EZ" ORDERING CODE) | | | | |
|---|---|---|---|---|
| **ORDERING CODES** | **GSP-4RD-1DP-50-ELV-__<br>GSP-4SQ-1DP-50-ELV-__** | **GSP-5SQ-1DP-2X60-ELV-__** | **GSP-5SQ-1DP-2X60-ELV-__** | **GSP-6SQ-1DP-2X100-ELV-__** |
| |  |  |  |  |
| **SPECIFICATIONS** | | | | |
| **DESCRIPTION** | Grip Jack Suspension canopy with Remodel 4.6" canopy and 50 watt power supply that fits in existing junction box with 1-port power feed | 2x60W Grip Jack Suspension 5" square Surface Mount canopy with 2-port feed | 2x60W Grip Jack Suspension 5" square Surface Mount canopy with 2-port feed used with Nova Up/Down | 2x100W or 2X150W Grip Jack Suspension 6" square Surface Mount canopy with Dual-Port feed |
| **MAXIMUM LOAD** | 60W-NON IC, 50W-IC (FITS IN JBOX) | 2X60W | 2X60W | 2X100W |
| **INPUT VOLTAGE** | 120VAC | 120VAC | 120VAC | 120VAC |
| **OUTPUT VOLTAGE** | 24VDC | 24VDC | 24VDC | 24VDC |
| **DIMENSIONS** | 4.6" x 4.6" x .2" | 5.5" X 5.5" X 1.5" | 5.5" X 5.5" X 1.5" | 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 |
| **CLASSIFICATION** | CLASS 2 | CLASS 2 | CLASS 2 | 100W CLASS 2 150W UL2108 |
| **MOUNTING** | REMODEL CONSTRUCTION POWER SUPPLY RECESSED IN JBOX | SURFACE MOUNT | SURFACE MOUNT | SURFACE MOUNT |
| **EFFICIENCY** | 85% | 85% | 85% | 85% |
| **SHORT CIRCUIT PROTECTION** | YES | YES | YES | YES |
| **OVER TEMPERATURE PROTECTION** | 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 |
| **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 | • | • | • |

| GRIP JACK SUSPENSION CANOPIES WITH POWER SUPPLIES (USE WITH "EZ" ORDERING CODE)* | | | | |
|---|---|---|---|---|
| **ORDERING CODE** | **GSP-12RE-1P-60-010-SN** | **GSP-26RE-2P-60-010-SN** | **GSP-26RE-1P-100-010-SN** | **GSP-26RE-2P-2X100-010-SN** |
| |  |  |  |  |
| **SPECIFICATIONS** | | | | |
| **DESCRIPTION** | 12" x 5" Surface Mount Power Canopy with a 60 Watt, 0-10V Power Supply & 1-Port Feed | 26" x 5" Surface Mount Power Canopy with two 60 Watt, 0-10V Power Supply & 2-Port Feed | 26" X 5" Surface Mount Power Canopy with a 100 Watt, 0-10V Power Supply & 1-Port Feed | 26" X 5" Surface Mount Power Canopy with a 2x100 watt, 0-10V Power Supply & 1-Port Feed |
| **MAXIMUM LOAD** | 60W | 2X60W, 120 MAX. | 100W | 2x100W |
| **INPUT VOLTAGE** | 120VAC | 120-277VAC | 120-277VAC | 120-277VAC |
| **OUTPUT VOLTAGE** | 24VDC | 24VDC | 24VDC | 24VDC |
| **DIMENSIONS** | 12" X 5" CANOPY, 13" X 6" COVER PLATE | 26" X 5" CANOPY, 13" X 6" COVER PLATE | 26" X 5" CANOPY, 27" X 6" COVER PLATE | 26" X 5" CANOPY, 27" X 6" COVER PLATE |
| **FINISHES** | BK, CH, SN, WH | BK, CH, SN, WH | BK, CH, SN, WH | BK, CH, SN, WH |
| **MOUNTING** | SURFACE MOUNT CANOPY | SURFACE MOUNT CANOPY | SURFACE MOUNT CANOPY | SURFACE MOUNT CANOPY |
| **EFFICIENCY** | 90% | 90% | 90% | 90% |
| **SHORT CIRCUIT PROTECTION** | 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 |
| **DIMMING & CONTROLS** | | | | |
| **PHILIPS SUNRISE: SR1200ZTUNV** | • | • | • | • |
| **LUTRON DIVA: DVTV-WH** | • | • | • | • |
| **LUTRON NOVA T: NTSTV-DV-XX** | • | • | • | • |
| **LUTRON GRAFIX EYE QS: QSGRJ-XP** | • | • | • | • |
| **LUTRON RADIO RA2: RRD-10ND** | • | • | • | • |
| **LEVITON: LEV40050** | • | • | • | • |
| **LEVITON IP710-LFZ** | • | • | • | • |
| **LEGRAND: ADPD4FBL3P2W4** | • | • | • | • |

*Electrical Panels using Seimens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker

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

# TM30 DATA

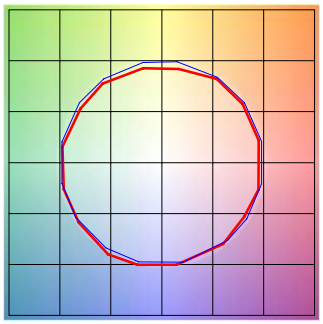
MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

REV 02.18.22

**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.

**2400K** | Rf: 91.2 | Rg: 96.8

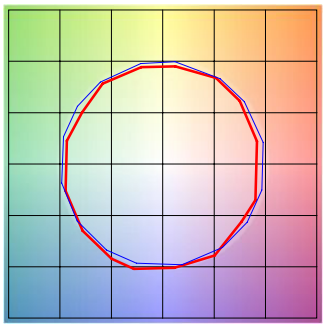
Color Vector Graphic




| | | GRAPHIC SHIFTS % | |
|---|---|---|---|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 92.0 | -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 | -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

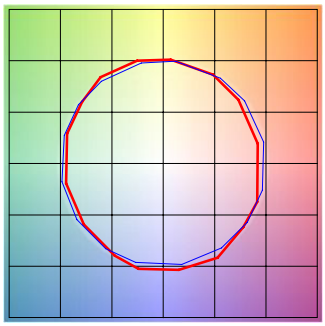
Color Vector Graphic




| | | 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

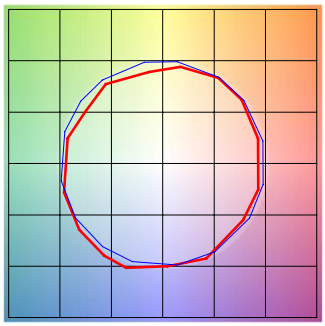
Color Vector Graphic




| | | 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

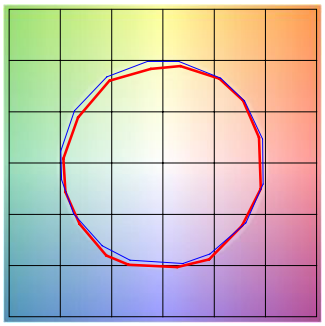
Color Vector Graphic




| | | 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

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% |

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

# TM30 DATA

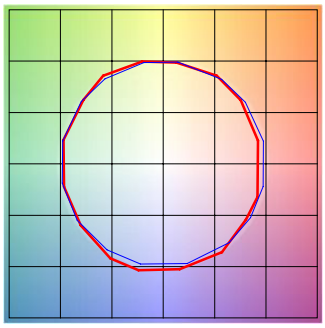
MODULAR SYSTEM - REMOTE POWER, STATIC WHITE & WARM DIM

REV 02.18.22

**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.

**2700D** | Rf: 89.5 | Rg: 100.8

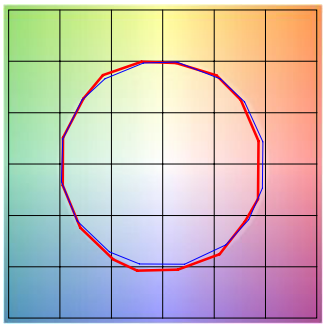
Color Vector Graphic




| | | 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

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 | |
|---|---|---|---|---|---|