



# NOVA CEILING MODULAR DOWNLIGHT

24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE



DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 08.17.21



Adroc Office - Chicago, IL

DESCRIPTION

The Nova Ceiling Modular System combines the Nova Down light Ceiling Channel with modular L, T, X, Y, and Flexible connectors enabling infinite configurations. Dynamic Tunable White technology grants independent control for adjusting color temperature and brightness. The **2K4K** option provides a range of 2000K (Amber) through 4000K (Neutral White), ideal for residential and hospitality settings. The **27K6** option ranges from 2700K (Warm White) through 6500K (Cool White), suitable for healthcare, education, office and other commercial applications. Use with two dimmers or, our proprietary Tunable White Controller for fast and accurate adjustment with three pre-set scenes (Ordered separately). Every fixture includes a 5 year prorated warranty. Send us your design ideas and we will provide the layout, parts list, and directions for easy installation: [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

FEATURES & BENEFITS

- Low Profile: 1.4" x 1.24" channel
- Remote Power Supply: Up to 100 watt (End Feed), up to 200 watt (Center Feed)
- Channel Length Options: 12 to 120 inches
- 3 Wattage Options: 5 or 10 watts
- High Lumen Output: Up to 667 lm/ft
- Color Temperature: Dynamic Tunable White **2K4K** (2000K-4000K) or **27K6** (2700K-6500K)
- High CRI: Up to 95+
- 2 Lens Options: Diffused White and Clear Frosted
- 2 Louver Options: Black or White
- Easy Installation: Fully Assembled Fixture with push-in connectors
- 60+ flexible and rigid connector options to choose from

FINISHES



Satin Black  
**BK**



Chrome  
**CH**



Satin Aluminum  
**SA**



Satin Nickel  
**SN**



White  
**WH**

APPLICATIONS

- Indoor Only - Commercial, architectural, hospitality and retail spaces as well as offices, conference rooms, entrance halls, lobbies, large-scale public spaces, travel and transport terminals, education and health institutions.

COMPONENTS INCLUDED

- Lens - Diffused White 100° Lens or Clear Frosted 60° Lens
- High Grade LED 5oz Strip, installed to fit length.
- Black or White Louver (if selected)
- Set of Mounting Clips for every 3'

COMPONENTS SOLD SEPARATELY

- End Caps and L, T, X, Y and Flexible Connectors
- Power End Caps and Power Connectors (Includes Power Canopies)

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

- UNI Driver (**ELV, 0-10, TRIAC**)
- Lutron Hi-Lume®
- Electronic Low Voltage Dimming (**ELV**)<sup>†</sup>
- Dynamic Color Changing (**DMX**)
- 0-10 Volt Dimming (**0-10V**)

\*In-Wall Mounting Kits available for select power supplies  
\*\*Dynamic/Tunable White - Requires two dimmers (one for 2000K/2700K and one for 4000K/6500K)  
or use our proprietary Tunable White Controller CDMX-1  
<sup>†</sup>ELV power supplies are not compatible with nLight, use only 0-10 volt or Uni driver power supplies

APPROVALS

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

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# NOVA CEILING MODULAR DOWNLIGHT

## 24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

### NOVA CEILING DOWNLIGHT MODULAR CHANNEL AND DIFFUSED WHITE LENS



Diffused White Lens (Actual Size)

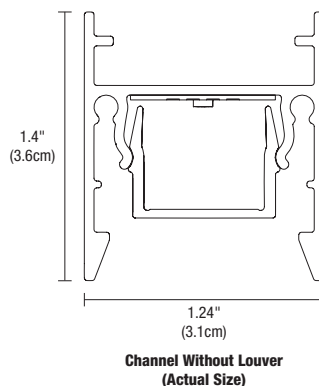
Nova Ceiling Downlight Modular Channel is the primary component of the Nova Modular system. The 24VDC channel may be ordered from 12 to 120 inches and includes a Diffused White lens. The White lens disperses the light evenly without dots. LEDs available in 2 wattage (lumen) options and 10 Kelvin temperatures including Dynamic Tunable White. The Nova Modular Channel can be combined with various components such as L, T, X, Y, and Flexible connectors as well as 4" square canopy and 1" rectangle for building personalized modular configurations. Mounting Clips every 3'. A 100 watt Remote Power Supply may be located up to 40 feet away. The Channel runs as long as 20 feet with 5 watts per foot, and up to 10 feet with 9.6 watts per foot before refeeding. Use Dual Connector Center Feed with canopy to double the length.

NCDM													
DESCRIPTION	100° DIFFUSED WHITE LENS WITHOUT LOUVER												
WATTS PER FOOT	2K4K - 5W (4.6 watts)							2K4K - 10W (9.6 watts)					
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	20K	22K	24K	27K	30K	35K
LUMENS PER FOOT (lm/ft)	235	247	259	271	296	308	320	410	451	492	575	599	612
LUMENS PER WATT (lm/w)	59	54	56	59	64	67	80	51	53	56	60	65	67
CRI	83+	83+	92+	92+	92+	94+	94+	83+	83+	92+	92+	92+	94+

NCDM													
DESCRIPTION	100° DIFFUSED WHITE LENS WITHOUT LOUVER												
WATTS PER FOOT	27K6 - 5W (4.6 watts)							27K6 - 10W (9.6 watts)					
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K
LUMENS PER FOOT (lm/ft)	294	302	311	320	308	304	295	558	574	591	608	585	579
LUMENS PER WATT (lm/w)	74	76	76	75	75	76	75	70	62	64	66	64	63
CRI	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+

System	Wattage Per Foot	Nominal Size in Inches	Color Temperature	Finish
<b>NCDM</b>	<b>5W</b>	<b>120</b>	<b>2K4K</b>	<b>SN</b>
<p><b>NCDM</b> Nova Ceiling Downlight Modular, Diffused White 100° lens without Louver</p> <p><b>5W</b> 4.4 Watts <b>10W</b> 9.6 Watts</p> <p><b>12-120</b> Order in various increments from 12 inches to 120 inches See pg. 5 for exact lengths</p> <p><b>2K4K</b> Tunable White 2000K-4000K <b>27K6</b> Tunable White 2700K-6500K</p> <p><b>BK</b> Satin Black <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>SA</b> Satin Aluminum <b>WH</b> White</p>				

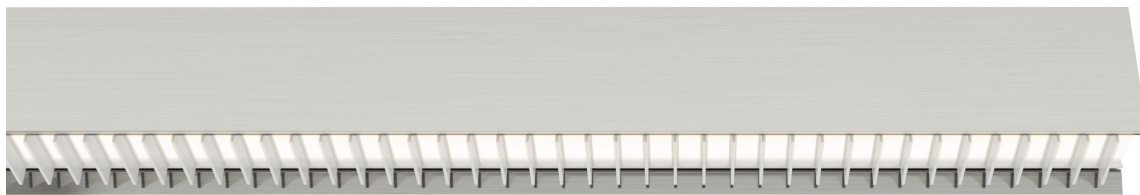


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# NOVA CEILING MODULAR DOWNLIGHT

## 24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

### NOVA CEILING DOWNLIGHT MODULAR CHANNEL WITH DIFFUSED WHITE LENS AND CLEAR FROSTED LENS WITH WHITE LOUVER

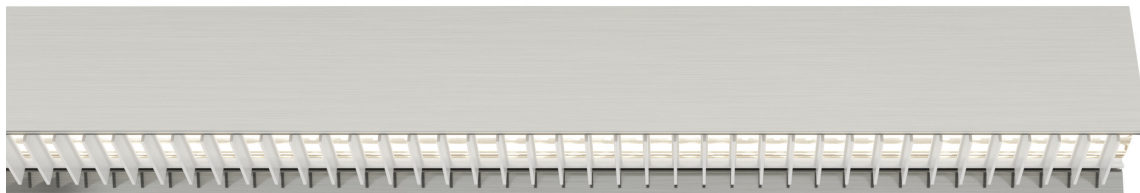


Diffused White Lens with White Louver (Actual Size)

Nova Ceiling Downlight 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 100 Degree Lens or Clear Frosted 60 Degree Lens. 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. The White Louver helps to reduce the glare, while maintaining lumen output. LEDs available in 2 wattage (lumen) options and 10 Kelvin temperatures including Dynamic Tunable White. The Nova Modular Channel can be combined with various components such as L, T, X, Y, and Flexible connectors as well as 4" square canopy and 1" rectangle for building personalized modular configurations. Mounting Clips every 3'. A 100 watt Remote Power Supply may be located up to 40 feet away. The Channel runs as long as 20 feet with 5 watts per foot, and up to 10 feet with 9.6 watts per foot before refeeding. Use Dual Connector center feed with canopy to double the length.

NCDWM														
DESCRIPTION	100° DIFFUSED WHITE LENS WITH WHITE LOUVER													
WATTS PER FOOT	2K4K - 5W (4.6 watts)							2K4K - 10W (9.6 watts)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	164	173	181	190	207	216	224	287	316	345	403	419	429	381
LUMENS PER WATT (lm/w)	41	38	39	41	45	47	56	36	37	39	42	46	47	48
CRI	83+	83+	92+	92+	92+	94+	94+	83+	83+	92+	92+	92+	94+	94+

100° DIFFUSED WHITE LENS WITH WHITE LOUVER														
DESCRIPTION	100° DIFFUSED WHITE LENS WITH WHITE LOUVER													
WATTS PER FOOT	27K6 - 5W (4.6 watts)							27K6 - 10W (9.6 watts)						
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	206	212	218	224	216	213	206	391	402	414	426	410	405	392
LUMENS PER WATT (lm/w)	52	53	53	52	52	53	52	49	44	45	46	45	44	49
CRI	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+



Clear Frosted Lens with White Louver (Actual Size)

NCCWM														
DESCRIPTION	60° CLEAR FROSTED LENS WITH WHITE LOUVER													
WATTS PER FOOT	2K4K - 5W (4.6 watts)							2K4K - 10W (9.6 watts)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	197	208	218	228	249	259	269	344	379	414	484	503	515	458
LUMENS PER WATT (lm/w)	49	45	47	50	54	56	67	43	45	47	50	55	56	57
CRI	83+	83+	92+	92+	92+	94+	94+	83+	83+	92+	92+	92+	94+	94+

60° CLEAR FROSTED LENS WITH WHITE LOUVER														
DESCRIPTION	60° CLEAR FROSTED LENS WITH WHITE LOUVER													
WATTS PER FOOT	27K6 - 5W (4.6 watts)							27K6 - 10W (9.6 watts)						
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	247	254	262	269	259	256	248	469	483	497	511	492	486	471
LUMENS PER WATT (lm/w)	62	64	64	63	63	64	63	59	52	54	56	53	53	59
CRI	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

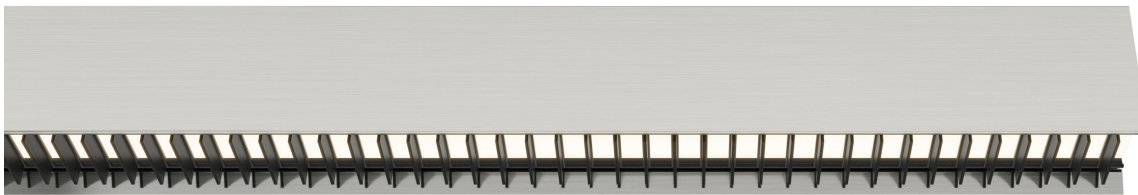
System	Wattage Per Foot	Nominal Size in Inches	Color Temperature	Finish
<b>NCDWM</b>	<b>5W</b>	<b>120</b>	<b>2K4K</b>	<b>SN</b>
<b>NCDWM</b> Nova Ceiling Diffused White, 100 Degree Lens with White Louver Modular	<b>5W</b> 4.4 Watts	<b>12-120</b> Order in various increments from 12 inches to 120 inches	<b>2K4K</b> Tunable White 2000K-4000K	<b>BK</b> Satin Black
<b>NCCWM</b> Nova Ceiling Clear Frosted, 60 Degree Lens with White Louver Modular	<b>10W</b> 9.6 Watts		<b>27K6</b> Tunable White 2700K-6500K	<b>CH</b> Chrome
		See pg. 5 for exact lengths		<b>SN</b> Satin Nickel
				<b>SA</b> Satin Aluminum
				<b>WH</b> White

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# NOVA CEILING MODULAR DOWNLIGHT

## 24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

### NOVA CEILING DOWNLIGHT MODULAR CHANNEL WITH DIFFUSED WHITE LENS AND CLEAR FROSTED LENS WITH BLACK LOUVER

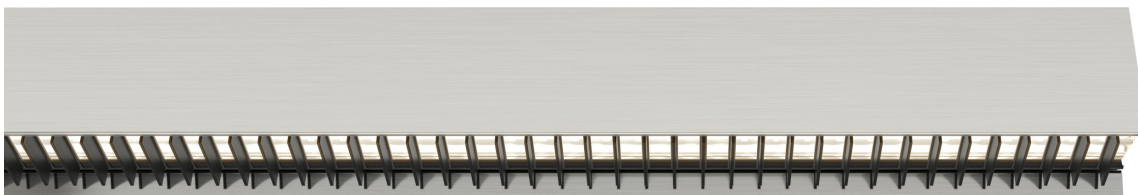


Diffused White Lens with Black Louver (Actual Size)

Nova Ceiling Downlight 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 100 Degree Lens or Clear Frosted 60 Degree Lens. 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. The Black Louver eliminates the majority of the glare, while reducing lumen output. LEDs available in 2 wattage (lumen) options and 10 Kelvin temperatures including Dynamic Tunable White. The Nova Modular Channel can be combined with various components such as L, T, X, Y, and Flexible connectors as well as 4" square canopy and 1" rectangle for building personalized modular configurations. Mounting Clips every 3'. A 100 watt Remote Power Supply may be located up to 40 feet away. The Channel runs as long as 20 feet with 5 watts per foot, and up to 10 feet with 9.6 watts per foot before refeeding. Use Dual Connector center feed with canopy to double the length.

NCDBM														
DESCRIPTION	100° DIFFUSED WHITE LENS WITH BLACK LOUVER													
WATTS PER FOOT	2K4K - 5W (4.6 watts)							2K4K - 10W (9.6 watts)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	103	108	113	119	130	135	140	179	198	216	252	262	268	238
LUMENS PER WATT (lm/w)	26	24	25	26	28	29	35	22	23	24	26	29	29	30
CRI	83+	83+	92+	92+	92+	94+	94+	83+	83+	92+	92+	92+	94+	94+

DESCRIPTION	100° DIFFUSED WHITE LENS WITH BLACK LOUVER													
WATTS PER FOOT	27K6 - 5W (4.6 watts)							27K6 - 10W (9.6 watts)						
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	129	132	136	140	135	133	129	244	251	259	266	256	253	245
LUMENS PER WATT (lm/w)	32	33	33	33	33	33	33	31	27	28	29	28	28	31
CRI	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+



Clear Frosted Lens with Black Louver (Actual Size)

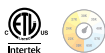
NCCBM														
DESCRIPTION	60° CLEAR FROSTED LENS WITH BLACK LOUVER													
WATTS PER FOOT	2K4K - 5W (4.6 watts)							2K4K - 10W (9.6 watts)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	123	130	136	143	156	162	168	216	237	259	303	315	322	286
LUMENS PER WATT (lm/w)	31	28	30	31	34	35	42	27	28	29	32	34	35	36
CRI	83+	83+	92+	92+	92+	94+	94+	83+	83+	92+	92+	92+	94+	94+

DESCRIPTION	60° CLEAR FROSTED LENS WITH BLACK LOUVER													
WATTS PER FOOT	27K6 - 5W (4.6 watts)							27K6 - 10W (9.6 watts)						
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	155	159	164	168	162	160	155	294	302	311	320	308	304	295
LUMENS PER WATT (lm/w)	39	40	40	39	39	40	39	37	33	34	35	33	33	37
CRI	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

System	Wattage Per Foot	Nominal Size in Inches	Color Temperature	Finish
NCDBM	5W	120	2K4K	SN
NCDBM Nova Ceiling Diffused White, 100 Degree Lens with Black Louver Modular	5W 4.4 Watts 10W 9.6 Watts	12-120 Order in various increments from 12 inches to 120 inches	2K4K Tunable White 2000K-4000K 27K6 Tunable White 2700K-6500K	BK Satin Black CH Chrome SN Satin Nickel SA Satin Aluminum WH White

See pg. 5 for exact lengths

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# NOVA CEILING MODULAR DOWNLIGHT

## 24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE



REV 08.17.21

### LENGTH CHART Actual lengths for Remote Power Supply

	5W (2K4K)			10W (2K4K)		
	WITH TWO DIMMERS: YOU NEED TWO UNI DRIVER POWER SUPPLIES, ONE FOR 2000K AND ONE FOR 4000K (SEE PAGES BELOW)	DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)		WITH TWO DIMMERS: YOU NEED TWO UNI DRIVER POWER SUPPLIES, ONE FOR 2000K AND ONE FOR 4000K (SEE PAGES BELOW)	DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)	
ORDERING CODE (NOMINAL SIZE)	2K4K @ 5 WATTS PER FT	POWER SUPPLY	POWER SUPPLY	2K4K @ 10 WATTS PER FT	POWER SUPPLY	POWER SUPPLY
12	5	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	10	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
15	6	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	12	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
17	7	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	14	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
20	8	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	17	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
22	9	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	18	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
24	10	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	20	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
27	11	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	22	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
29	12	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	24	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
32	13	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	27	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
34	14	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	28	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
36	15	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	30	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
39	16	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	32	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
41	17	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	34	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
44	18	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	37	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
46	19	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	38	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
48	20	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	40	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
51	21	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	42	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
53	22	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	44	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
56	23	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	47	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
58	24	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	48	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
60	25	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	50	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
63	26	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	52	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
65	27	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	54	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
68	28	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	57	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
70	29	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	58	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
72	30	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	60	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
75	31	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	62	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
77	32	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	64	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
80	33	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	67	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
82	34	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	68	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
84*	35	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	70	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
87	36	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	72	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
89	37	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	74	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
92	38	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	77	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
94	39	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	78	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
96	40	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	80	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
99	41	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	82	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
101	42	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	84*	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
104	43	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	87	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
106	44	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	88	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
108	45	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	90	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
111	46	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	92	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
113	47	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	94	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
116	48	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	97	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
118	49	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	98	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
120**	50	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	100	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
123	51	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
125	52	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
128	53	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
130	54	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
132	55	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
135	56	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
137	57	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
140	58	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
142	59	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
144	60	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			
147	61	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			
149	62	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			
152	63	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			
154	64	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			
156	65	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			
159	66	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			

\*Maximum Chrome Length \*\*Maximum Shipping Length

PROJECT		FIXTURE TYPE		DATE	
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# NOVA CEILING MODULAR DOWNLIGHT

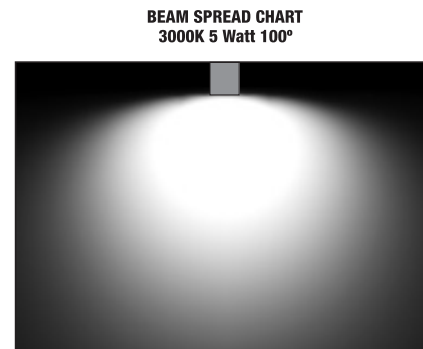
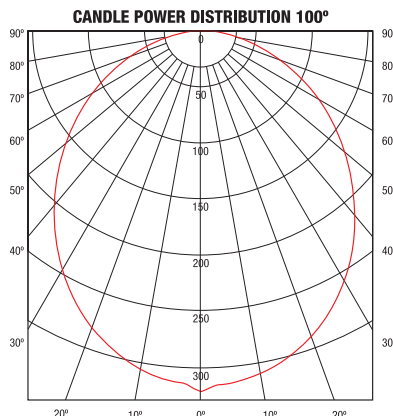
## 24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

### LENGTH CHART Actual lengths for Remote Power Supply

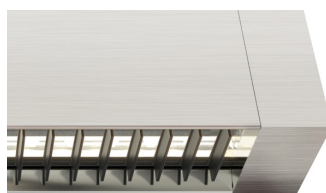
ORDERING CODE (NOMINAL SIZE)	5W (2K4K)			ORDERING CODE (NOMINAL SIZE)	5W (2K4K)		
	2K4K @ 5 WATTS PER FT	POWER SUPPLY	DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)		2K4K @ 10 WATTS PER FT	POWER SUPPLY	DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)
161	67	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	202	84	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
164	68	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	204	85	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
166	69	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	207	86	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
168	70	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	209	87	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
171	71	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	212	88	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
173	72	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	214	89	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
176	73	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	216	90	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
178	74	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	219	91	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
180	75	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	221	92	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
183	76	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	224	93	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
185	77	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	226	94	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
188	78	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	228	95	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
190	79	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	231	96	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
192	80	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	233	97	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
195	81	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	236	98	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
197	82	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	238	99	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
200	83	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK	240	100	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK

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

10 Watt 100°	
Distance	Foot Candles
1'	279
1.5'	183
2'	136
3'	87
4'	62
5'	47
6'	37
7'	29
8'	24



Diffused White Lens  
White Louver



Clear Frosted Lens  
Black Louver



Diffused White Lens



Modular End Cap

PROJECT		FIXTURE TYPE		DATE	
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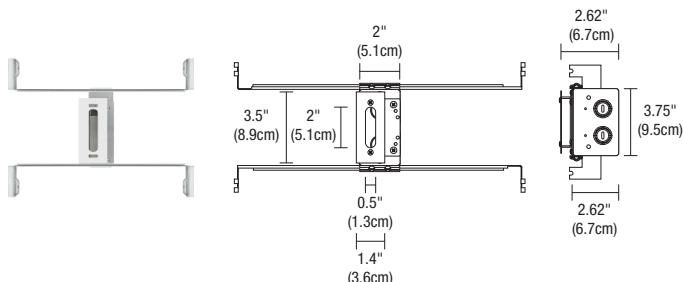
# NOVA CEILING MODULAR DOWNLIGHT

24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

**COMPONENTS:** Jbox, Split Canopies, and Mounting Clips are included and sold separately for replacement

## 1" RECTANGLE CANOPY

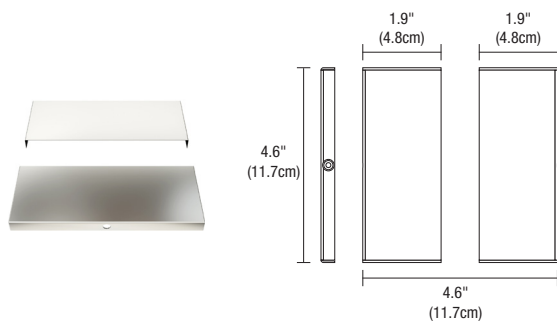
The Slim-Profile Junction Box with hanger bars mounts to studs spaced between 14.5 and 25 inches apart behind drywall. Allows low voltage DC wires from remote power supply to connect to channel wires. The junction box opening is covered by the fixture for a clean, safe connection. Includes a goof plate for poor plastering around J-box.



System	Canopy	Product
<b>C</b>	<b>1RE</b>	<b>JBOX</b>
C Channel	1RE 1" Rectangle	JBOX Junction Box

## 4" SQUARE SPLIT FLOATING CANOPY

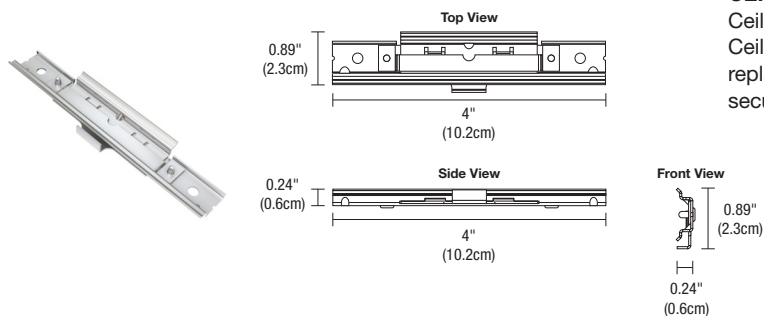
The 4 inch square canopy fits on a standard 4 inch electrical box with a round plaster ring. It fits flush along channel while covering the junction box. The Canopy may float anywhere along the channel and comes in five finishes.



System	Canopy	Finish
<b>NC</b>	<b>4SQ</b>	<b>SN</b>
NC Nova Ceiling	4SQ 4.6" Split Square	BK Satin Black CH Chrome SN Satin Nickel SA Satin Aluminum WH White

## CEILING MOUNTING LOCKING CLIP

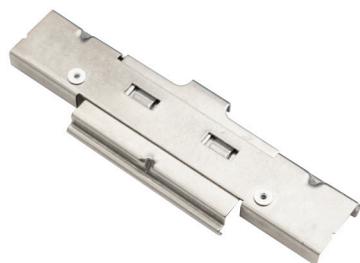
Ceiling Mounting Locking clips are provided with every two feet of the Nova Ceiling Downlight Modular Channel and may be ordered separately as replacement parts. The channel slides into the clip and locks in place staying securely fastened to the ceiling.



System	Canopy	Type
<b>NC</b>	<b>MCL</b>	<b>L</b>
NC Nova Ceiling	MCL Mounting Clip	L Locking

## CEILING MOUNTING LOCKING CLIP (ORDER SEPARATELY)

Ceiling Mounted Locking Clips may be ordered separately for extra support. The channel slides into the clip and locks in place staying securely fastened to the ceiling or to the wall.



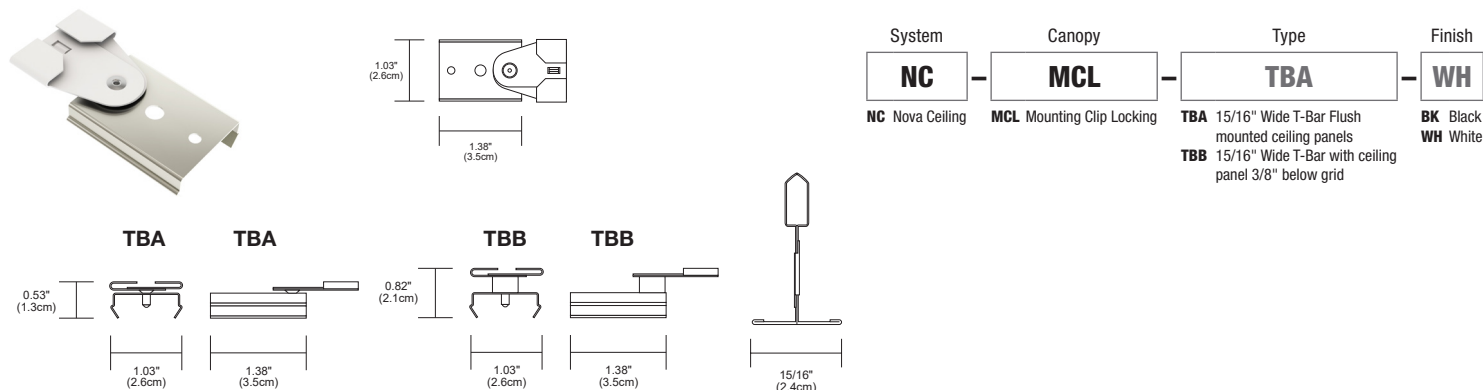
System	Type	Option
<b>NC</b>	<b>MCL</b>	<b>L</b>
NC Nova Ceiling	MCL Mounting Clip Locking	L Locking

PROJECT		FIXTURE TYPE		DATE	
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**Components:** Jbox, Split Canopies, and Mounting Clips are included and sold separately for replacement

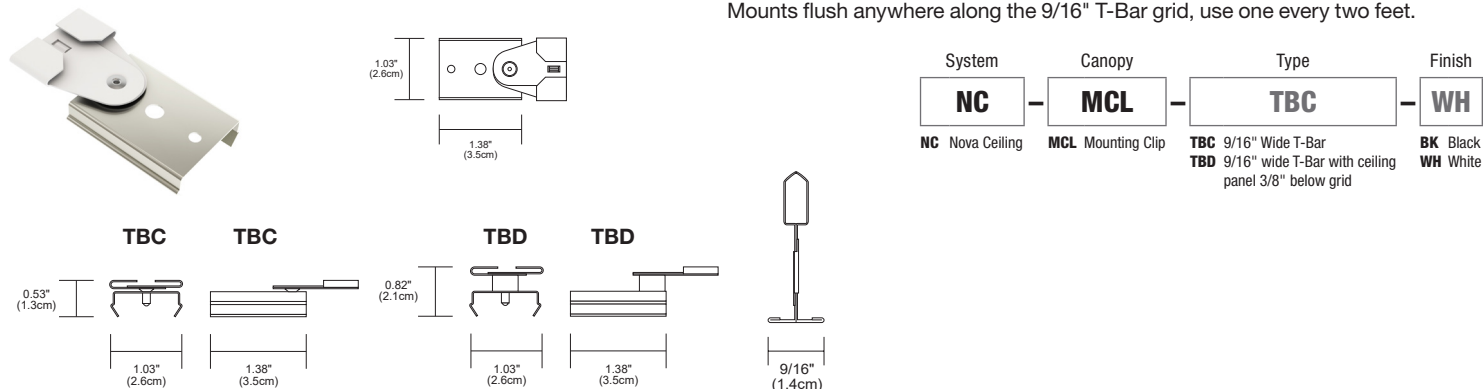
## CEILING MOUNTING T-BAR CLIPS FOR 15/16" (ORDER SEPARATELY)

Mounts flush anywhere along the 15/16" T-Bar grid, use one every two feet.



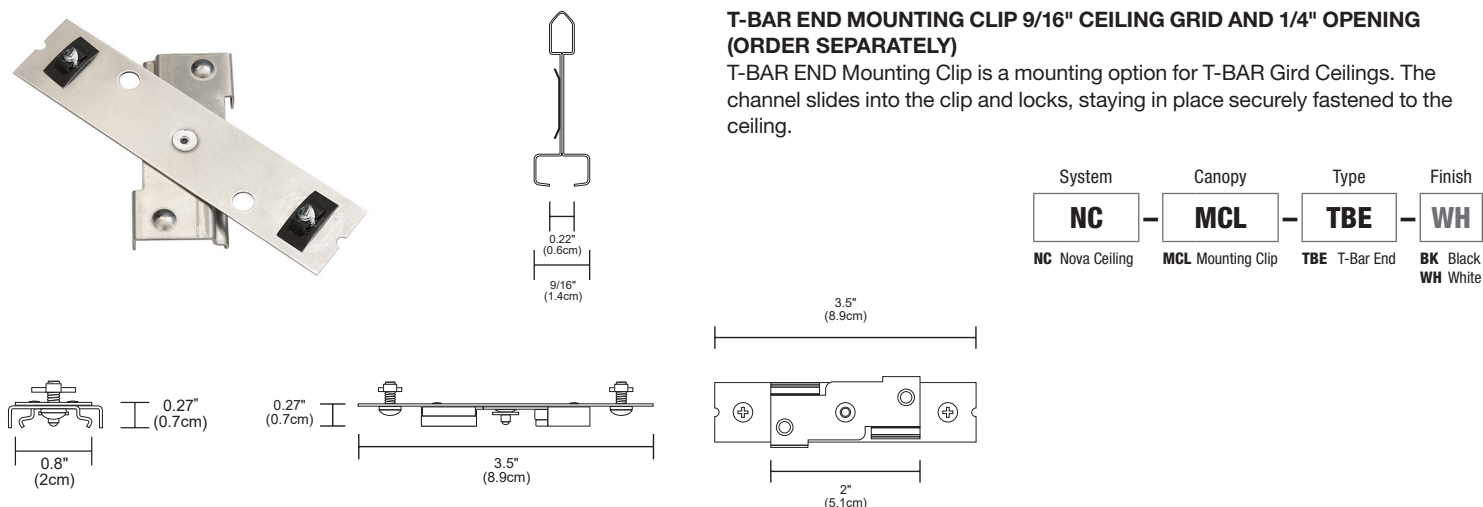
## CEILING MOUNTING T-BAR CLIPS FOR 9/16" CEILING (ORDER SEPARATELY)

Mounts flush anywhere along the 9/16" T-Bar grid, use one every two feet.



## T-BAR END MOUNTING CLIP 9/16" CEILING GRID AND 1/4" OPENING (ORDER SEPARATELY)

T-Bar End Mounting Clip is a mounting option for T-Bar Grid Ceilings. The channel slides into the clip and locks, staying in place securely fastened to the ceiling.



PROJECT		FIXTURE TYPE		DATE	
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# NOVA CEILING MODULAR DOWNLIGHT

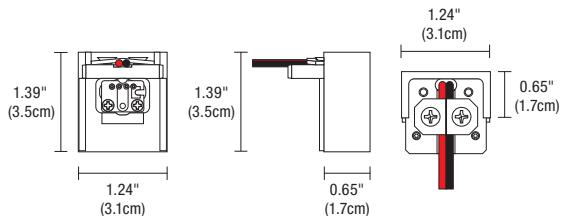
24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

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

Indicates 24VDC Power Flow

## END CAP POWER CABLE WITH CANOPY OR WITH NO CANOPY

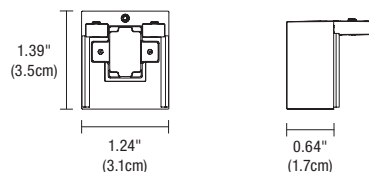
Power End Cap connects with the Nova Ceiling Modular Channel and electronically provides power from a Remote Power Supply through the 1" Rectangle J-box or 4" Square Canopy.



System	Type	Power Canopy	Color Temperature	Finish
<b>NCM</b>	<b>CAP</b>	<b>1RE</b>	<b>2XK</b>	<b>SN</b>
NCM Nova Ceiling Downlight Modular	CAP End Cap Power	1RE 1" Rectangle JBox with Remote Power 4S 4.6" Square Canopy EZ No Canopy	2XK Tunable	BK Satin Black CH Chrome SN Satin Nickel SA Satin Aluminum WH White

## END CAP

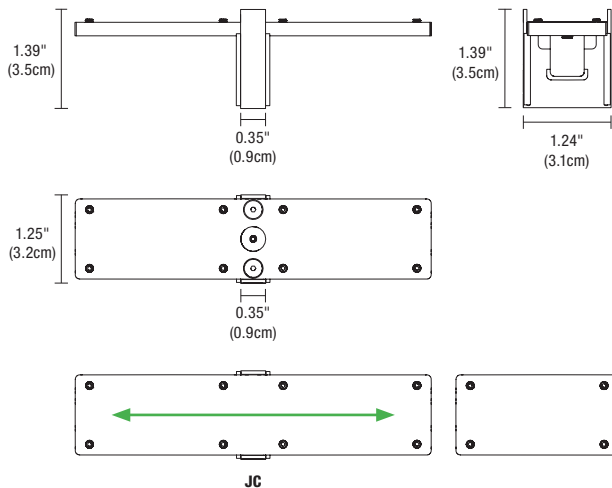
End Cap terminates the Nova Ceiling Downlight Modular run and provides a finished look.



System	Type	Finish
<b>NCM</b>	<b>CA</b>	<b>SN</b>
NCM Nova Ceiling Downlight Modular	CA End Cap	BK Satin Black CH Chrome SN Satin Nickel SA Satin Aluminum WH White

## JOINING CONNECTOR

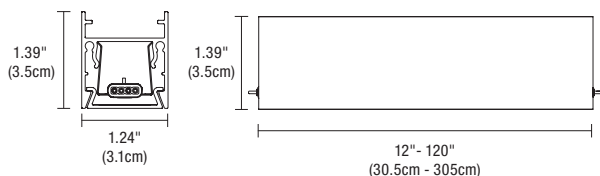
Joining Connector joins two sections of Nova Ceiling Downlight Modular in straight runs. It is electrically powered from the previous channel (JC) or isolates the power (JNC).



System	Type	Color Temperature	Finish
<b>NCM</b>	<b>JC</b>	<b>2XK</b>	<b>SN</b>
NCM Nova Ceiling Downlight Modular	JC Joining Connector JNC Joining Non-Conductive Connector	2XK Tunable	BK Satin Black CH Chrome SN Satin Nickel SA Satin Aluminum WH White

## BLANK CHANNEL - HORIZONTAL

Blank Horizontal Channel physically joins two Nova Ceiling Downlight Modular sections, providing structure to desired horizontal configurations without illumination. It also conducts power from one section to another.



System	Type	Length in Inches	Color Temperature	Finish
<b>NCM</b>	<b>BCH</b>	<b>120</b>	<b>2XK</b>	<b>SN</b>
NCM Nova Ceiling Downlight 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.	2XK Tunable	BK Satin Black CH Chrome SN Satin Nickel SA Satin Aluminum WH White

PROJECT		FIXTURE TYPE		DATE	
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# NOVA CEILING MODULAR DOWNLIGHT

24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

REV 08.17.21

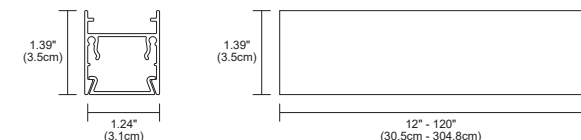
**COMPONENTS:** Power End Cap, End Cap, Joining Connector and Raceway Channel

Indicates 24VDC Power Flow

## BLANK CHANNEL - NON-CONDUCTIVE

Blank Channel physically joins two Nova Ceiling Downlight Modular sections, providing structure to desired horizontal configurations without illumination.

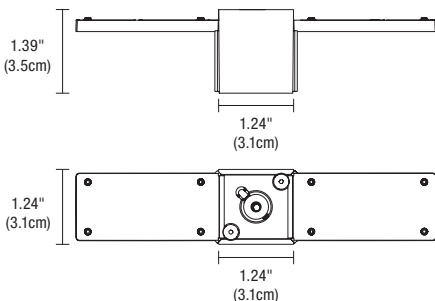
System	Type	Length in Inches	Finish
<b>NCM</b>	<b>BNCH</b>	<b>120</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>BNCH</b> Blank non-conductive Channel Horizontal	<b>12-120</b> Order in 12 inch increments up to 120 inches. May be ordered in 3, 5, 8 or 10 inch increments.	<b>BK</b> Satin Black <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>SA</b> Satin Aluminum <b>WH</b> White



## Components: Straight Connectors

### STRAIGHT POWER CONNECTOR CABLE WITH OR WITHOUT CANOPY

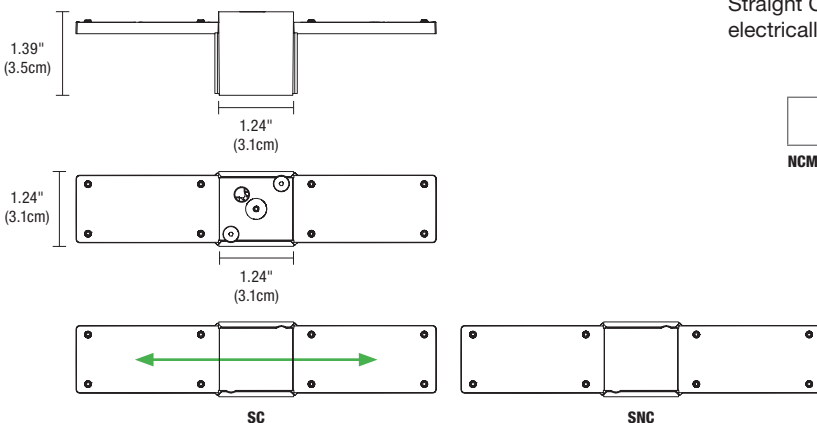
Straight Power Connector joins two sections of Nova Ceiling Downlight Modular channels, for creating endless linear lighting configurations. Use as a center power feed (**SP**) electrically powering two sections from a remote power supply or feed the power to one section (**SP1**). Choose the 1" Rectangle J-box or 4" Square Canopy Straight Center.



System	Type	Power Canopy	Color Temperature	Finish
<b>NCM</b>	<b>SP1</b>	<b>1RE</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>SP1</b> Straight Center Power Connector, Conductive in 1 Section <b>SP</b> Straight Power Connector, Conductive in 2 sections	<b>1RE</b> 1" Rectangle JBox with Remote Power <b>4S</b> 4.6" Square Canopy	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel

### STRAIGHT CONNECTOR

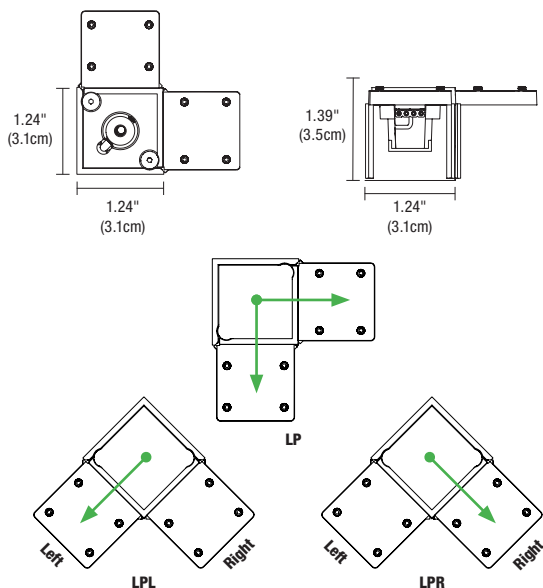
Straight Connector joins two sections of Nova Ceiling Downlight Modular. It is electrically powered from the previous channel (**SC**) or isolates the power (**SNC**).



System	Type	Color Temperature	Finish
<b>NCM</b>	<b>SC</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>SC</b> Straight Conductive Connector <b>SNC</b> Straight Non-Conductive Connector	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel

PROJECT		FIXTURE TYPE		DATE	
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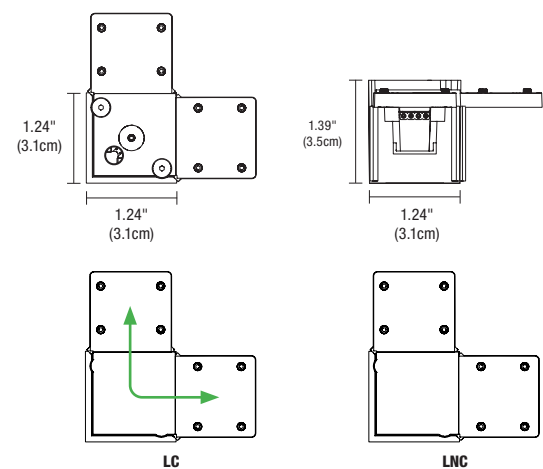
### COMPONENTS: L-Shaped Connectors



#### L-SHAPED POWER CONNECTOR WITH CANOPY

L-Shaped Power Connector joins two sections of Nova Ceiling Downlight Modular 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 1" Rectangle J-box or 4" Square Canopy.

System	Type	Power Canopy	Color Temperature	Finish
<b>NCM</b>	<b>LP</b>	<b>1RE</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>LP</b> L-Shaped Power Connector, Conductive on 2 Sections <b>LPL</b> L-Shaped Power Connector, Conductive on Left Section <b>LPR</b> L-Shaped Power Connector, Conductive on Right Section	<b>1RE</b> 1" Rectangle JBox with Remote Power <b>4S</b> 4.6" Square Canopy	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel

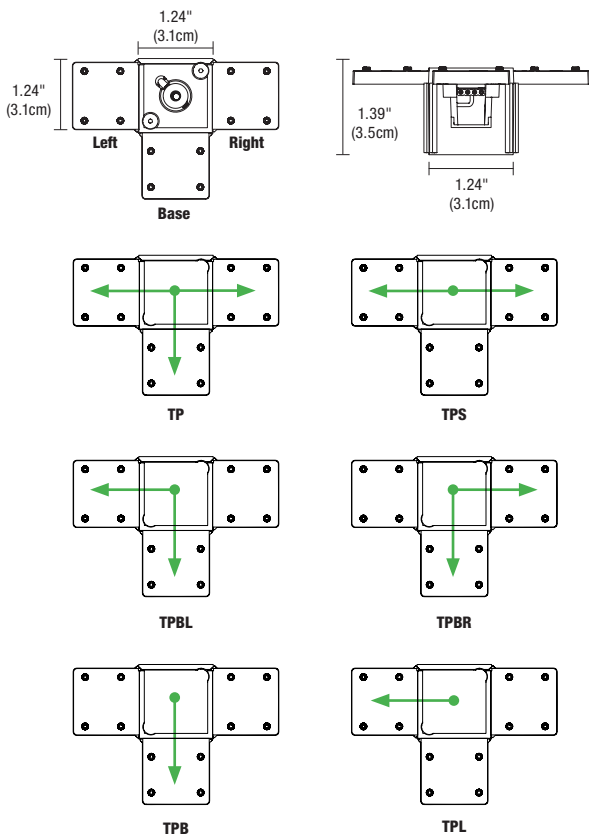


#### L-SHAPED CONNECTOR

L-Shaped Connector joins two sections of Nova Ceiling Downlight Modular at 90 degrees apart, conducting the power (**LC**) or isolating the power (**LNC**).

System	Type	Color Temperature	Finish
<b>NCM</b>	<b>LC</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>LC</b> L-Shaped Conductive Connector <b>LNC</b> L-Shaped Non-Conductive Connector	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel

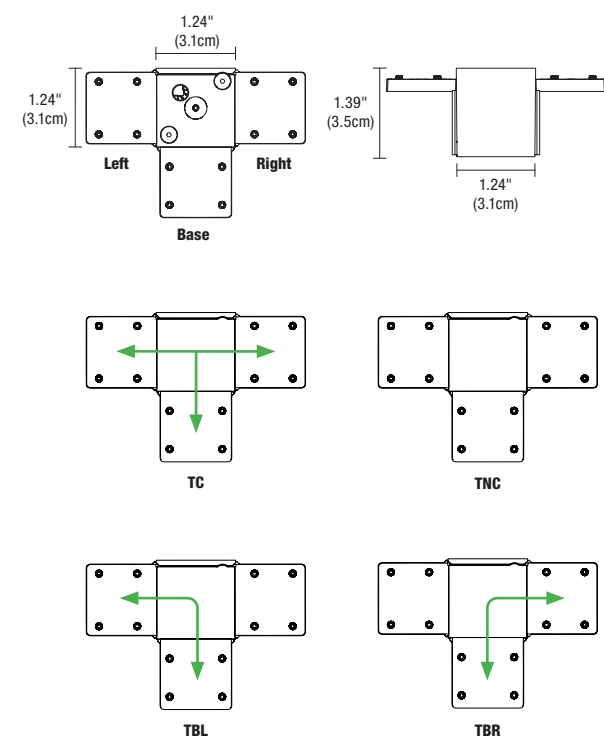
### COMPONENTS: T-Shaped Connectors



### T-SHAPED POWER CONNECTOR WITH CANOPY

T-Shaped Power Connector joins three sections of Nova Ceiling Downlight Modular 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 1" Rectangle J-box or 4" Square Canopy.

System	Type	Power Canopy	Color Temperature	Finish
<b>NCM</b>	<b>TP</b>	<b>1RE</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>TP</b> T-Shaped Power Connector, Conductive on 3 Sections <b>TPS</b> T-Shaped Connector, Conductive through <b>TPBL</b> Left & Right Sections <b>TPBR</b> T-Shaped Power Connector, Conductive on Base & Left Sections <b>TPB</b> T-Shaped Power Connector, Conductive on Base & Right Sections <b>TPL</b> T-Shaped Power Connector, Conductive on Base <b>TPR</b> T-Shaped Power Connector, Conductive on Left Sections <b>TPR</b> T-Shaped Power Connector, Conductive on Right Side	<b>1RE</b> 1" Rectangle JBox with Remote Power <b>4S</b> 4.6" Square Canopy	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel



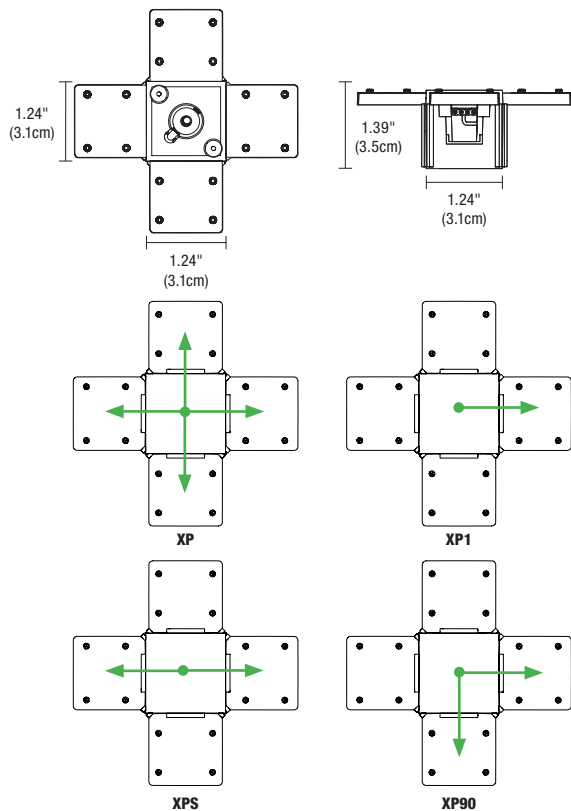
### T-SHAPED CONNECTORS

T-Shaped Connector joins three sections of Nova Ceiling Downlight Modular 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**).

System	Type	Color Temperature	Finish
<b>NCM</b>	<b>TC</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>TC</b> T-Shaped Conductive Connector <b>TNC</b> T-Shaped Non-Conductive Connector <b>TBL</b> T-Shaped Connector, Conductive on Base and Left Sections <b>TBR</b> T-Shaped Connector, Conductive on Base and Right Sections <b>TS</b> T-Shaped Connector, Conductive Straight through Left and Right Sections	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel

PROJECT		FIXTURE TYPE		DATE	
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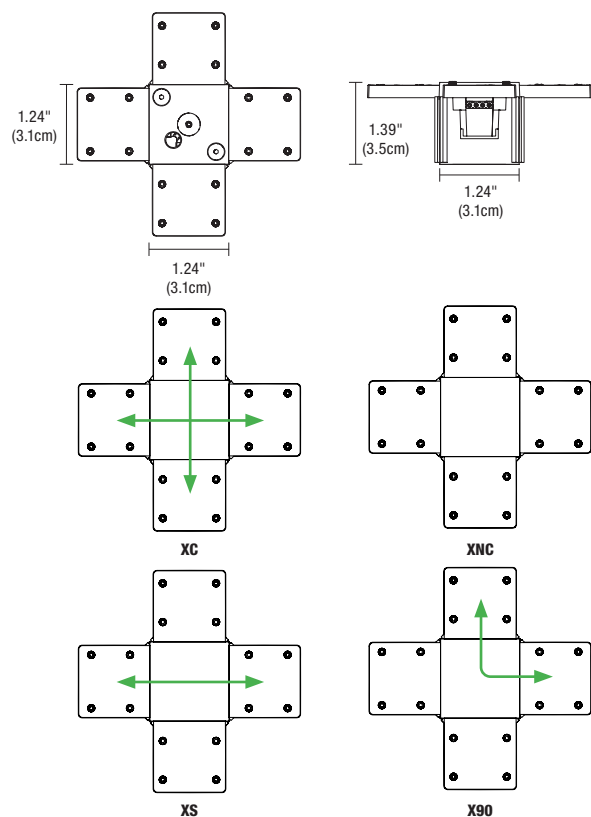
### COMPONENTS: X-Shaped Connectors



#### X-SHAPED POWER CONNECTOR WITH CANOPY

X-Shaped Power Connector joins four sections of Nova Ceiling Downlight Modular 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 1" Rectangle J-box or 4" Square Canopy.

System	Type	Power Canopy	Color Temperature	Finish
<b>NCM</b>	<b>XP</b>	<b>1RE</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>XP</b> X-Shaped Power Connector, Conductive on 4 Sections <b>XP1</b> X-Shaped Power Connector, Conductive on 1 Section <b>XPS</b> X-Shaped Power Connector, Conductive Straight through 2 Sections <b>XP90</b> X-Shaped Power Connector, Conductive on 2 Sections, 90 Degree Turn <b>XPT</b> X-Shaped Power Connector, Conductive on 3 Sections	<b>1RE</b> 1" Rectangle JBox with Remote Power <b>4S</b> 4.6" Square Canopy	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel



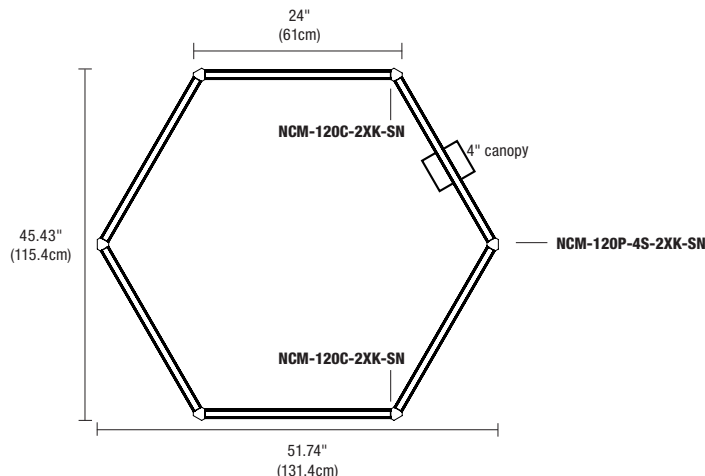
#### X-SHAPED CONNECTOR

X-Shaped Connector joins four sections of Nova Ceiling Downlight Modular 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**), four sections with two 90 degree turns (**X290**) or in a T-Shaped section (**XT**), in two L-shaped sections (**X290**), or in straight sections (**XS**).

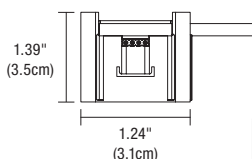
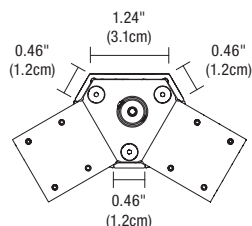
System	Type	Color Temperature	Finish
<b>NCM</b>	<b>XC</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>XC</b> X- Shaped Conductive Connector <b>XNC</b> X-Shaped Non-Conductive Connector <b>XS</b> X-Shaped Connector, Conductive Straight through 2 Sections <b>X90</b> X-Shaped Connector, Conductive on 2 Sections, 90 Degree Turn <b>XT</b> X-Shaped Connector, Conductive on 3 Sections <b>X290</b> X-Shaped Connector, Conductive on 4 Sections, (2) 90 Degree Turn	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel

PROJECT		FIXTURE TYPE		DATE	
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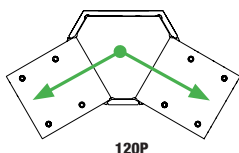
**HEXAGON CONFIGURATION, 120° CONNECTORS:** Use 120P and 120C to design any size from 25 inches to 25 feet



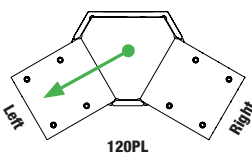
## 120° POWER CONNECTOR WITH CANOPY

120 Degree Power Connector joins two sections of Nova Ceiling Downlight Modular 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 1" Rectangle J-box or 4" Square Canopy.

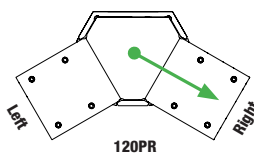
System	Type	Power Canopy	Color Temperature	Finish
<b>NCM</b>	<b>120P</b>	<b>1RE</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>120P</b> 120 Degree Power Connector <b>120PL</b> 120 Degree Power Connector, Conductive on Left Sections <b>120PR</b> 120 Degree Power Connector, Conductive on Right Sections	<b>1RE</b> 1" Rectangle JBox with Remote Power <b>4S</b> 4.6" Square Canopy	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel



120P



120PL

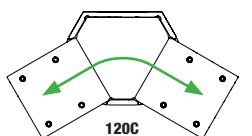
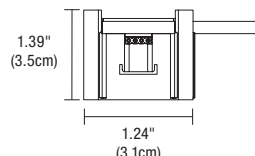
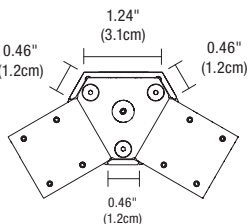


120PR

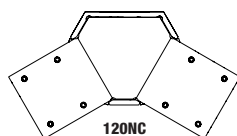
## 120° CONNECTOR

120 Degree Connector joins two sections of Nova Ceiling Downlight Modular at 120 degrees apart, conducting the power to all sections (**120C**) or isolating the power (**120NC**).

System	Type	Color Temperature	Finish
<b>NCM</b>	<b>120C</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>120C</b> 120 Degree Connector <b>120NC</b> 120 Degree Non-Conductive Connector	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel



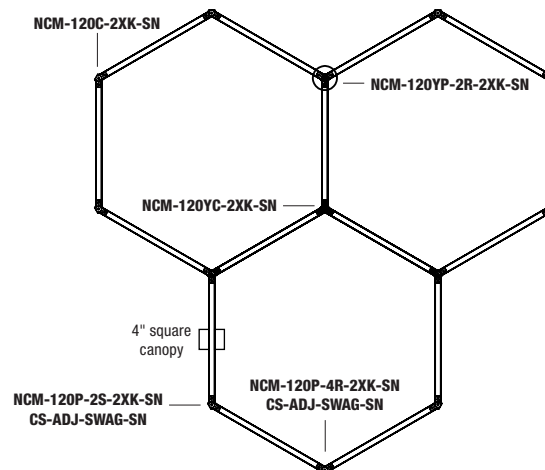
120C



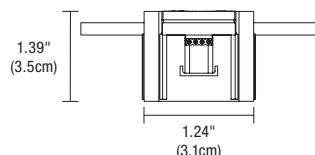
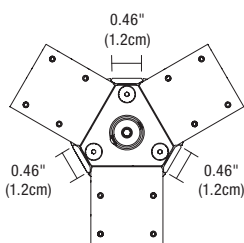
120NC

PROJECT		FIXTURE TYPE		DATE	
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### COMPONENTS: 120° Y-Shaped Connectors



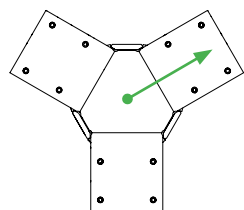
**HEXAGON CONFIGURATION, 120° CONNECTORS:** Use 120YP and 120YC to design any size from 25 inches to 25 feet



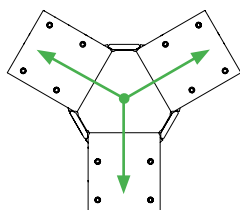
### 120° Y-SHAPED POWER CONNECTOR WITH CANOPY

120 Degree Y-Shaped Power Connector joins and powers three sections of Nova Ceiling Downlight Modular at 120 degrees apart. It electrically conducts the power from a remote power supply to section(s): all sections (**120YP**), one section (**120YP1**) or two sections (**120YPV**). Choose the 1" Rectangle J-box or 4" Square Canopy.

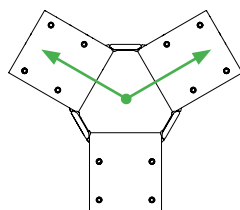
System	Type	Power Canopy	Color Temperature	Finish
<b>NCM</b>	<b>120YP</b>	<b>1RE</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>120YP1</b> 120 Degree Y-Shaped Power Connector Conductive 1 Section <b>120YP</b> 120 Degree Y-Shaped Power Connector <b>120YPV</b> 120 Degree Y-Shaped Power Connector, Conductive 2 Sections	<b>1RE</b> 1" Rectangle JBox with Remote Power <b>4S</b> 4.6" Square Canopy	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel



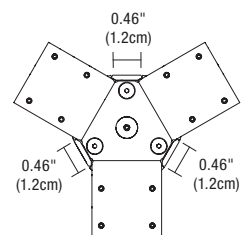
120YP1



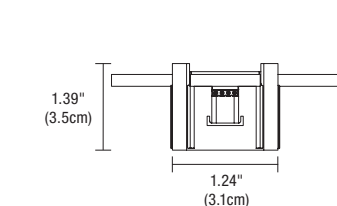
120YP



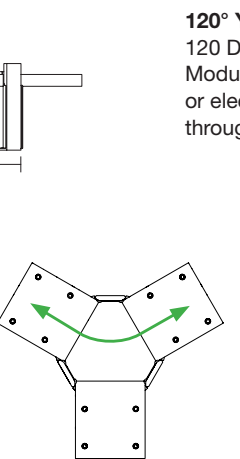
120YPV



120YC



120YNC



120YV

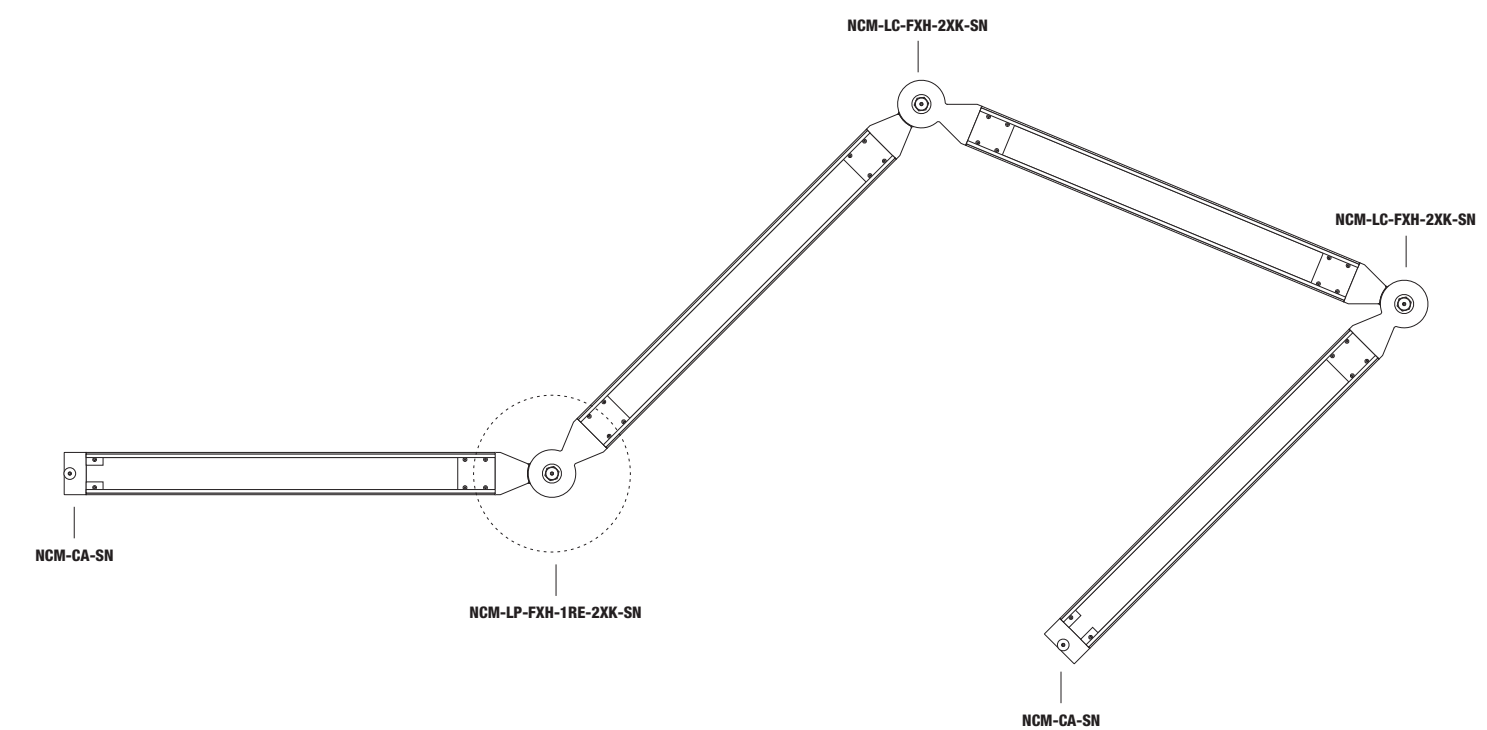
### 120° Y-SHAPED CONNECTOR

120 Degree Y-Shaped Connector joins three sections of Nova Ceiling Downlight Modular 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**).

System	Type	Color Temperature	Finish
<b>NCM</b>	<b>120YNC</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>120YNC</b> 120 Degree Y-Shaped Non-Conductive Connector <b>120YC</b> 120 Degree Y-Shaped Conductive Connector <b>120YV</b> 120 Degree Y-Shaped Conductive Straight through 2 Sections	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel

PROJECT		FIXTURE TYPE		DATE	
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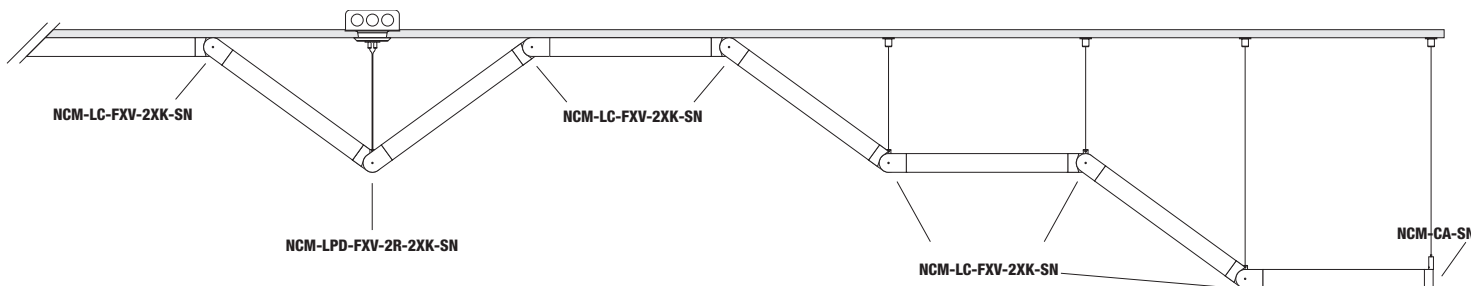
**MODULAR CONFIGURATIONS:** Use the flexible connectors to design any flexible modular formation



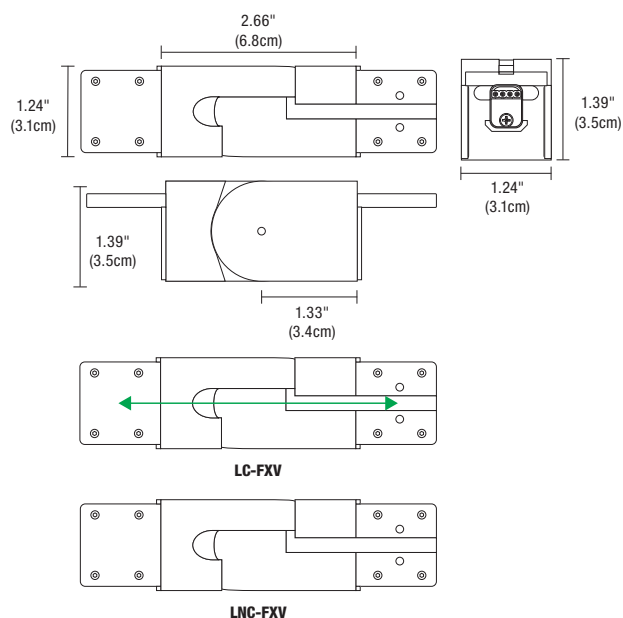
PROJECT		FIXTURE TYPE		DATE	
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## CEILING CONFIGURATION: Possible Nova configuration using the Flexible Vertical Connectors

Indicates 24VDC Power Flow



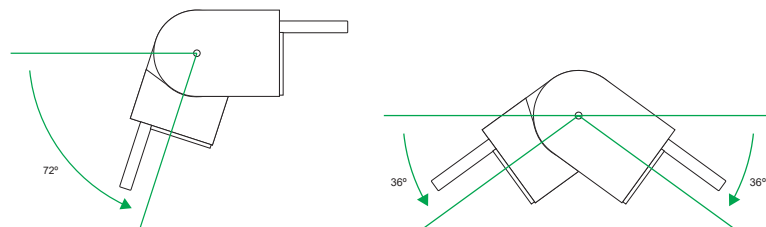
## Components: Flexible Connectors For Suspension and Ceiling



### NOVA VERTICAL FLEX CONNECTOR

Flexible Vertical Connector joins two sections of Nova Ceiling Downlight Modular at a vertical angle. Upward angle connections have a range of 0 to 36 degrees on each side. Downward angle connections have a range of 0 to 72 degrees when only one side of the connector is used or 0 to 36 degrees on each side when both sides are used (not shown). It is electrically powered from the previous channel (**LC-FXV**) or isolates the power (**LNC-FXV**).

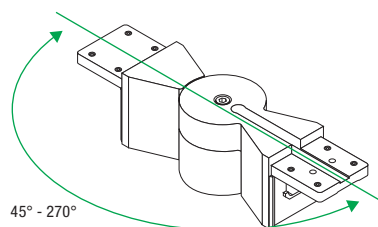
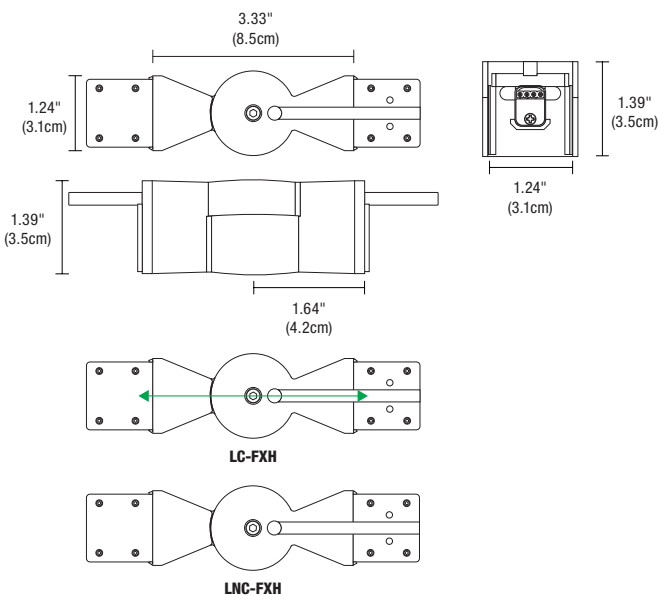
System	Type	Color Temperature	Finish
<b>NCM</b>	<b>LC-FXV</b>	<b>2XK</b>	<b>SN</b>
NCM Nova Ceiling Downlight Modular	LC-FXV Flexible Vertical Conductive Connector LNC-FXV Flexible Vertical Non-Conductive Connector	2XK Tunable	SN Satin Nickel



### FLEXIBLE HORIZONTAL L-CONNECTOR

Flexible Horizontal Connector joins two sections of Nova Ceiling Downlight Modular at any horizontal angle from 45 to 270 degrees. It is electrically powered from the previous channel (**LC**) or isolates the power (**LNC**).

System	Type	Color Temperature	Finish
<b>NCM</b>	<b>LC-FXH</b>	<b>2XK</b>	<b>SN</b>
NCM Nova Ceiling Downlight Modular	LC-FXH Flexible Horizontal Connector LNC-FXH Flexible Horizontal, Non-Conductive Connector	2XK Tunable	SN Satin Nickel



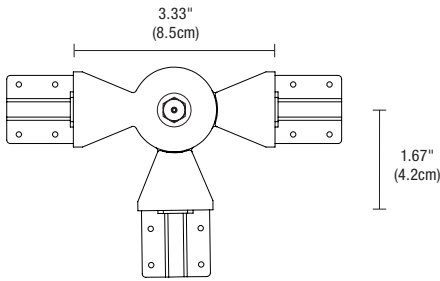
PROJECT		FIXTURE TYPE		DATE	
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# NOVA CEILING MODULAR DOWNLIGHT

24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

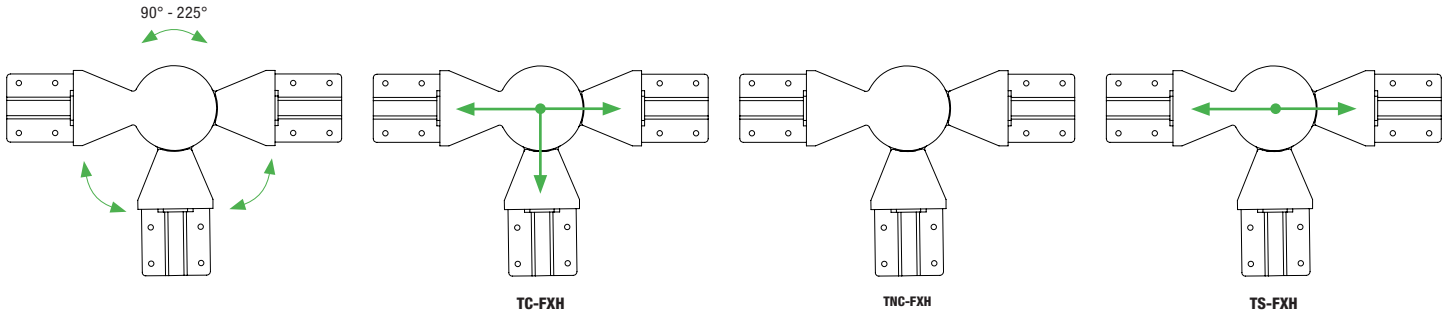
**COMPONENTS:** Flexible Horizontal T-Connectors

Indicates 24VDC Power Flow



**FLEXIBLE HORIZONTAL T-SHAPED CONNECTOR**  
Flexible Horizontal Connector joins three sections of Nova Ceiling Downlight Modular and has a range of 90 to 225 degrees.

System	Type	Color Temperature	Finish
<b>NCM</b>	<b>TC-FXH</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>TC-FXH</b> Flexible Horizontal T-Shaped Conductive Connector <b>TNC-FXH</b> Flexible Horizontal T-Shaped Non-Conductive Connector <b>TS-FXH</b> Flexible Horizontal T-Shaped Conductive Connector, Straight through Left and Right Sections	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel



PROJECT		FIXTURE TYPE		DATE	
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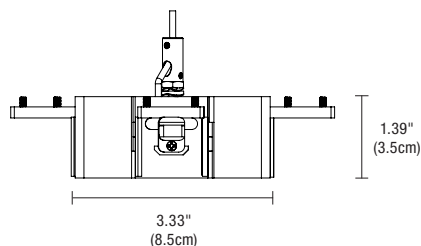


# NOVA CEILING MODULAR DOWNLIGHT

24VDC REMOTE POWER, DYNAMIC TUNABLE WHITE

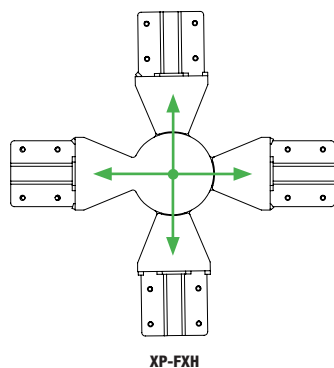
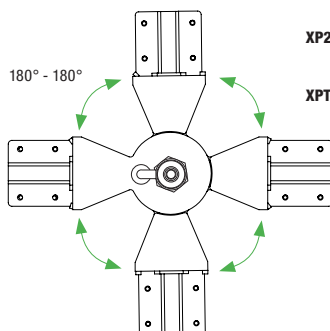
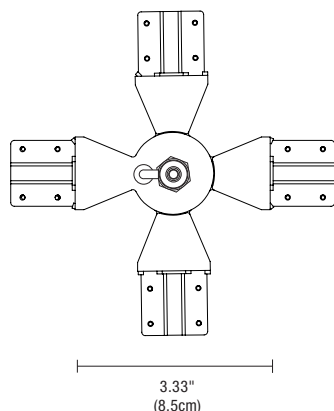
**COMPONENTS:** Flexible Horizontal X-Connectors

Indicates 24VDC Power Flow

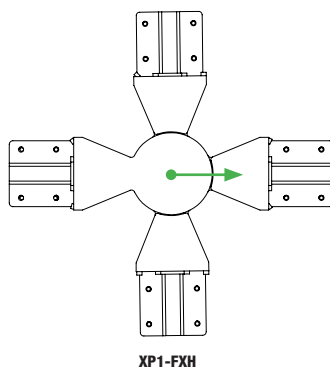


## FLEXIBLE HORIZONTAL X-SHAPED POWER CONNECTOR WITH CANOPY

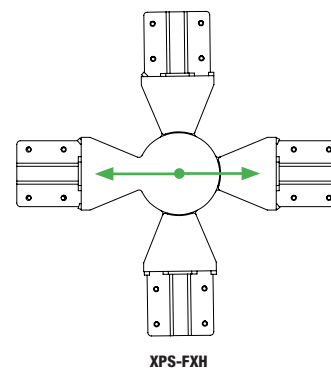
Flexible Horizontal Power Connector joins three sections of Nova Ceiling Downlight Modular at a range from 180 to 180 degrees. It electrically powers the system from a remote power supply.



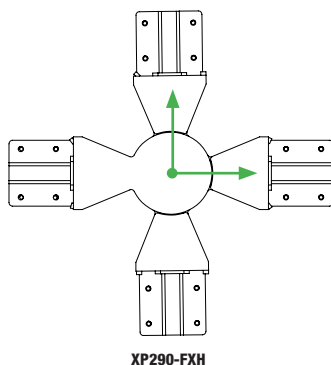
XP-FXH



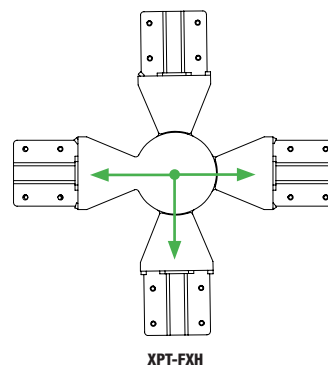
XP1-FXH



XPS-FXH



XP290-FXH



XPT-FXH

System	Type	Power Canopy	Color Temperature	Finish
<b>NCM</b>	<b>XP-FXH</b>	<b>1RE</b>	<b>2XK</b>	<b>SN</b>
<b>NCM</b> Nova Ceiling Downlight Modular	<b>XP-FXH</b> Flexible Horizontal X-Shaped Power Connector, Conductive on 4 Sections <b>XP1-FXH</b> Flexible Horizontal X-Shaped Power Connector, Conductive on 1 Section <b>XPS-FXH</b> Flexible Horizontal X-Shaped Power Connector, Conductive Straight through 2 Sections <b>XP290-FXH</b> Flexible Horizontal X-Shaped Power Connector, Conductive on 4 Sections, (2) 90 Degree Turns <b>XPT-FXH</b> Flexible Horizontal X-Shaped Power Connector, Conductive on 3 Sections	<b>1RE</b> 1" Rectangle JBox with Remote Power <b>4S</b> 4.6" Square Canopy	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel

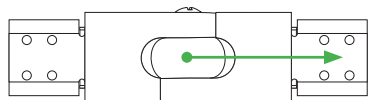
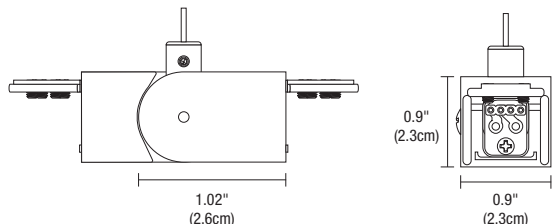
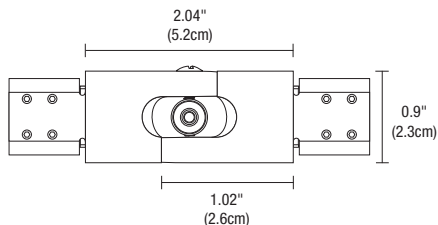
PROJECT		FIXTURE TYPE		DATE	
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## COMPONENTS: Flexible Connectors with Power Canopy

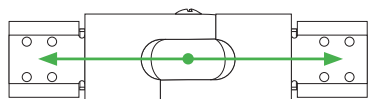
### FLEXIBLE VERTICAL POWER CONNECTOR WITH CANOPY

Flexible Vertical Power Connector joins two sections of Nova Suspension Modular at a vertical angle. Upward angle connections have a range of 0 to 30 degrees on each side. Downward angle connections have a range of 0 to 66 degrees when only one side of the connector is used or 0 to 33 degrees on each side when both sides are used. It electrically powers either 1 section (**LP1-FXV**) or both sections (**LP-FXV**) from a remote power supply. Includes 12 feet of adjustable aircraft cable and ceiling anchors.

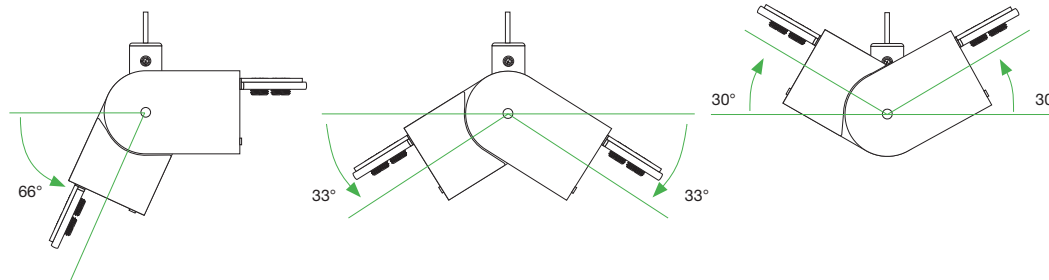
System	Type	Power Canopy	Color Temperature	Finish
<b>NSM</b>	<b>LP-FXV</b>	<b>1RE</b>	<b>2XK</b>	<b>SN</b>
<b>NSM</b> Nova Suspension Modular Downlight	<b>LP-FXV</b> Flexible Vertical Power Conductive Connector <b>LP1-FXV</b> Flexible Vertical Power Connector, Conductive on 1 Section	<b>1RE</b> 1" Rectangle JBox with Remote Power <b>4S</b> 4.6" Square Canopy	<b>2XK</b> Tunable	<b>SN</b> Satin Nickel



LP1-FXV



LP-FXV



PROJECT		FIXTURE TYPE		DATE	
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# INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, UNIVERSAL DIMMING WITH ELV, TRIAC, & 0-10V FOR STATIC WHITE, WARM DIM

REV 08.17.21

UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS				
ORDERING CODE	PSB-40W-UNI-24VDC	PSB-60W-UNI-24VDC	PSB-2X40W-UNI-24VDC	PSB-2X60W-UNI-24VDC

SPECIFICATIONS				
MAXIMUM LOAD	40W	60W	2X40W	2X60W
INPUT VOLTAGE	120-277VAC	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"	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
T-BAR MOUNTING	PSB-40W-UNI-24VDC-TB	PSB-60W-UNI-24VDC-TB	PSB-2X40W-UNI-24VDC-TB	PSB-2X60W-UNI-24VDC-TB
IN-WALL MOUNTING	PSB-40W-UNI-24VDC-IW	PSB-60W-UNI-24VDC-IW	PSB-2X40W-UNI-24VDC-IW	PSB-2X60W-UNI-24VDC-IW

UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS				
ORDERING CODE	PSB-96W-UNI-24VDC	PSB-2X96W-UNI-24VDC	PSB-3X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC

SPECIFICATIONS				
MAXIMUM LOAD	96W	2X96W	3X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
T-BAR MOUNTING	PSB-96W-UNI-24VDC-TB	PSB-2X96W-UNI-24VDC-TB	PSB-3X96W-UNI-24VDC-TB	PSB-4X96W-UNI-24VDC-TB
IN-WALL MOUNTING	PSB-96W-UNI-24VDC-IW	PSB-2X96W-UNI-24VDC-IW	NA	NA

ELV DIMMING & CONTROLS				
LUTRON DIVA: DVELV-300P	•	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•	•
LUTRON RADIO RA2: RRD-6NA	•	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	•	•	•	•

0-10 DIMMING & CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA: DDTV-WH, DVSTV-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	•	•	•	•

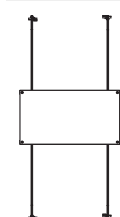
TRIAC DIMMING & CONTROLS				
LUTRON SKYLARK: S2-L-WH	•	•	•	•
LUTRON DIVA DVLV-600P-WH	•	•	•	•
LUTRON DIVA DVLV-603P-WH	•	•	•	•
LUTRON MAESTRO MALV-600-WH	•	•	•	•
LUTRON MAESTRO MALV-1000-WH	•	•	•	•
LUTRON MAESTRO MA-R-XX	•	•	•	•

- Flicker free dimming
- Aluminum casing for optimal heat dissipation
- Isolated output power per NEC and UL safety requirements
- UL & ETL recognized/ listed, meets UL 8750, 1310 requirements
- Auto-reset; short circuit, overload and thermal protection
- Class 2 power supply
- Efficient, High power factor > 0.90

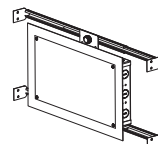
\*Title 24 with JAB listed PureEdge products and systems

\*Tunable White requires Dual power Supplies and Controls. For single control use with our proprietary Tunable White Controller CDMX-1, refer to Universal Tunable White Power Supply Specifications. Up + Down Light fixtures and Systems can be controlled individually or together depending on the power supply selection.

**T-BAR Mounting Kit:** Includes power supply, box cover, and T-bar hangers for installing Junction Box above ceiling with in easy reach. Comes with 4' of 14 gauge pair Teflon cables with quick secure connectors.



**Ordering Codes :** PSB-40W-UNI-24VDC-TB, PSB-60W-UNI-24VDC-TB, PSB-96W-UNI-24VDC-TB, PSB-2X40W-UNI-24VDC-TB, PSB-2X60W-UNI-24VDC-TB, PSB-2X96W-UNI-24VDC-TB, PSB-3X96W-UNI-24VDC-TB, PSB-4X96W-UNI-24VDC-TB



**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 5.1" x 14.25":** PSB-40W-UNI-24VDC-IW, PSB-60W-UNI-24VDC-IW, PSB-96W-UNI-24VDC-IW

**Ordering Codes 8.5" x 14.25":** PSB-2X40W-UNI-24VDC-IW, PSB-2X60W-UNI-24VDC-IW, PSB-2X96W-UNI-24VDC-IW

PROJECT	FIXTURE TYPE	DATE
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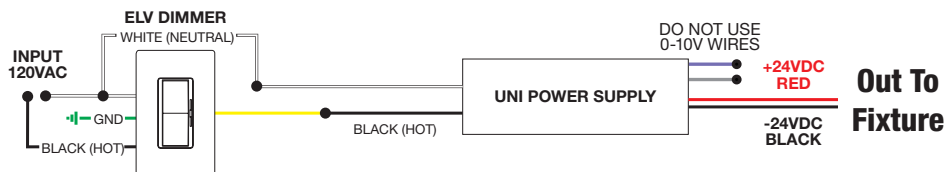
# INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, UNIVERSAL DIMMING WITH ELV, TRIAC, & 0-10V FOR STATIC WHITE, WARM DIM

## WIRING DIAGRAMS UNIVERSAL POWER SUPPLY

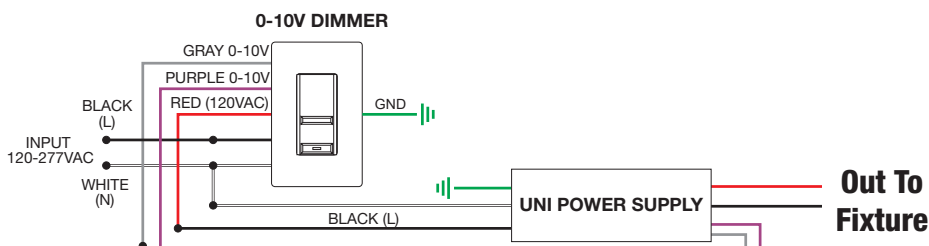
**Application:** ELV dimming for Static White and Warm Dim

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



**Application:** 0-10V dimming for Static White

**Dimming:** Dimmable with 0-10V dimmer: Philips Sunrise: SR1200ZTUNV; Lutron Diva: DVTW-WH, DVSTV-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










PROJECT		FIXTURE TYPE		DATE	
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# INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, ELECTRONIC LOW VOLTAGE FOR STATIC WHITE, WARM DIM

REV 08.17.21

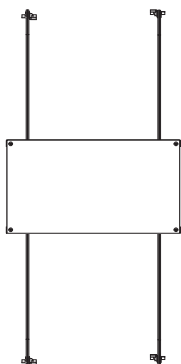
ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS†‡				
ORDERING CODES	PS-60L-ELV-24VDC	PSB-60W-ELV-24VDC	PSB-2X60W-ELV-24VDC	PSB-100W-ELV-24VDC
				
	SPECIFICATIONS			
	60W NON-IC, 50W-IC (FITS IN JBOX)	60W	2X60W	96W
	120VAC	120VAC	120VAC	120VAC
24VDC	24VDC	24VDC	24VDC	
2.25" X 1.25" 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"	
CLASS 2	CLASS 2	CLASS 2	CLASS 2	
N/A	PSB-60W-ELV-24VDC-TB	PSB-2X60W-ELV-24VDC-TB	PSB-100W-ELV-24VDC-TB	
N/A	PSB-60W-ELV-24VDC-IW	PSB-2X60W-ELV-24VDC-IW	PSB-100W-ELV-24VDC-IW	
ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS†‡				
ORDERING CODES	PSB-2X100W-ELV-24VDC	PSB-3X100W-ELV-24VDC	PSB-4X100W-ELV-24VDC	
				
	SPECIFICATIONS			
	2X96W	3X96W	4X96W	
	120VAC	120VAC	120VAC	
24VDC	24VDC	24VDC		
12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"		
CLASS 2	CLASS 2	CLASS 2		
PSB-2X100W-ELV-24VDC-TB	PSB-3X100W-ELV-24VDC-TB	PSB-4X100W-ELV-24VDC-TB		
PSB-2X100W-ELV-24VDC-IW	N/A	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	•	•	•	

†22K - 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. Tunable White color temperature is compatible with 0-10V, ELV, DMX, and Lutron Hi-Lume® Power Supplies. Color (RGB, RGB+W) and Static Color (Amber, Blue, Green, or Red) are compatible with DMX Power Supplies.

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

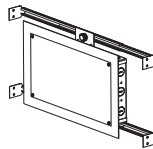
With N-Lite Dimming Do Not use ELV power supplies, use only 0-10 volt or Uni drivers power supplies

\*\*Up + Down Light fixtures and Systems can be controlled individually or together depending on the power supply selection.



**T-Bar Mounting Kit:** Includes power supply, box cover, and T-bar hangers for installing Junction Box above ceiling with in easy reach. Comes with 4' of 14 gauge pair Teflon cables with quick secure connectors.

**Ordering Codes :** PSB-60W-ELV-24VDC-TB  
PSB-100W-ELV-24VDC-TB  
PSB-2X60W-ELV-24VDC-TB  
PSB-2X100W-ELV-24VDC-TB  
PSB-3X100W-ELV-24VDC-TB  
PSB-4X100W-ELV-24VDC-TB



**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 5.1" x 14.25":** PSB-60W-ELV-24VDC-IW  
PSB-100W-ELV-24VDC-IW

**Ordering Codes 8.5" x 14.25":** PSB-2X60W-ELV-24VDC-IW  
PSB-2X100W-ELV-24VDC-IW

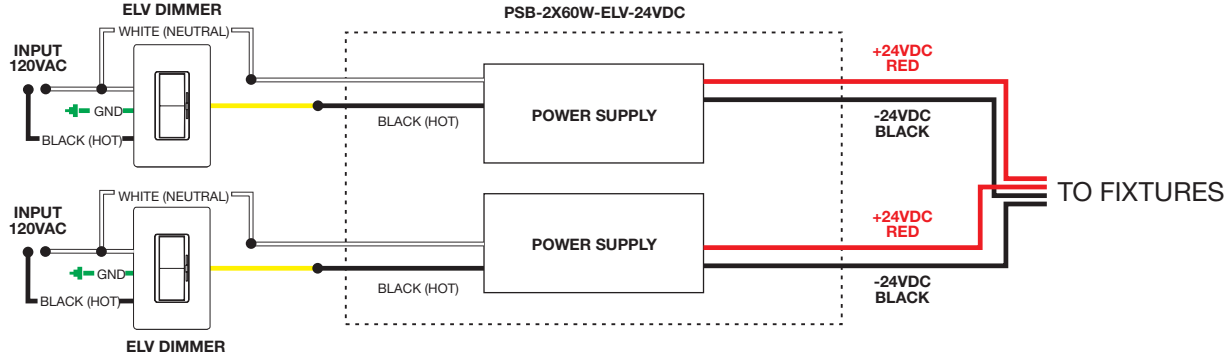
PROJECT		FIXTURE TYPE		DATE	
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## SAMPLE WIRING DIAGRAMS 24VDC ELV

**Application:** Dual ELV dimming for Static White

**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	
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## 0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS

ORDERING CODE	PSB-25W-010-24VDC	PSB-60W-010-24VDC	PSB-96W-010-24VDC

### SPECIFICATIONS

MAXIMUM LOAD	25W	60W	96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	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"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2
T-BAR MOUNTING	PSB-25W-010-24VDC-TB	PSB-60W-010-24VDC-TB	PSB-96W-010-24VDC-TB
IN-WALL MOUNTING	PSB-25W-010-24VDC-IW	PSB-60W-010-24VDC-IW	PSB-96W-010-24VDC-IW

## 0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS

ORDERING CODE	PSB-2X96W-010-24VDC	PSB-3X96W-010-24VDC	PSB-4X96W-010-24VDC

### SPECIFICATION

MAXIMUM LOAD	2X96W	3X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2
T-BAR MOUNTING	PSB-2X96W-010-24VDC-TB	PSB-3X96W-010-24VDC-TB	PSB-4X96W-010-24VDC-TB
IN-WALL MOUNTING	PSB-2X96W-010-24VDC-IW	N/A	N/A

### DIMMING & CONTROLS

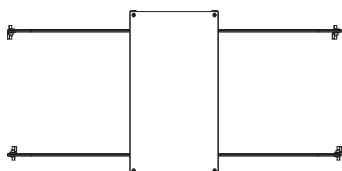
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•
LUTRON DIVA: DVTW-WH, DVSTV-WH	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•
LEVITON: LEV40050	•	•	•
LEVITON IP710-LFZ	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•

- Flicker free dimming
- Aluminum casing for optimal heat dissipation
- Isolated output power per NEC and UL safety requirements
- UL & ETL recognized/ listed, meets UL 8750, 1310 requirements

- Auto-reset; short circuit, overload and thermal protection
- Class 2 power supply
- Efficient, High power factor > 90

\*Title 24 compliant when used with JA8 listed PureEdge systems.

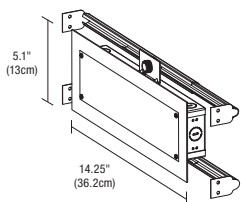
\*\*Up + Down Light fixtures and Systems can be controlled individually or together depending on the power supply selection.



**T-BAR Mounting Kit:** Includes power supply, box cover, and T-bar hangers for installing Junction Box above ceiling with in easy reach. Comes with 4' of 14 gauge pair Teflon cables with quick secure connectors.

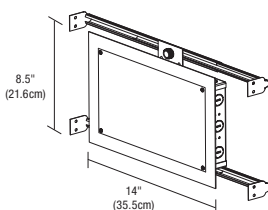
#### Ordering Codes:

PSB-25W-010-24VDC-TB,  
PSB-60W-010-24VDC-TB,  
PSB-96W-010-24VDC-TB,  
PSB-2X96W-010-24VDC-TB  
PSB-3X96W-010-24VDC-TB  
PSB-4X96W-010-24VDC-TB



**5.1" x 14.25" 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" 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.

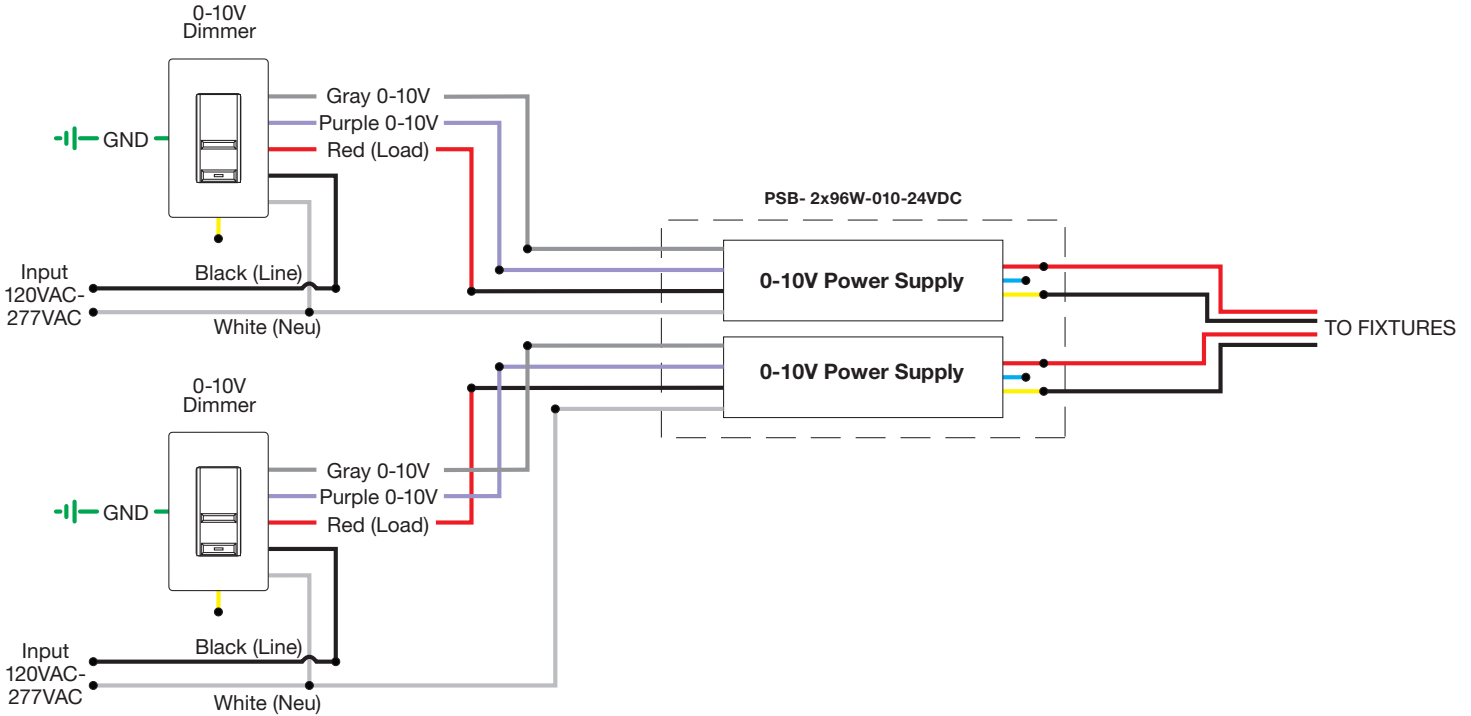
**Ordering Codes:** PSB-2X96W-010-24VDC-IW

PROJECT	FIXTURE TYPE	DATE
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## SAMPLE WIRING DIAGRAMS 24VDC 010

**Application:** Dual 0-10V dimming for Static White

**Dimming:** Dimmable with Dual 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, \*IP710-DLZ \*(Built in LED locator light), Legrand Dimmer: ADPD4FBL3P2W4, Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)

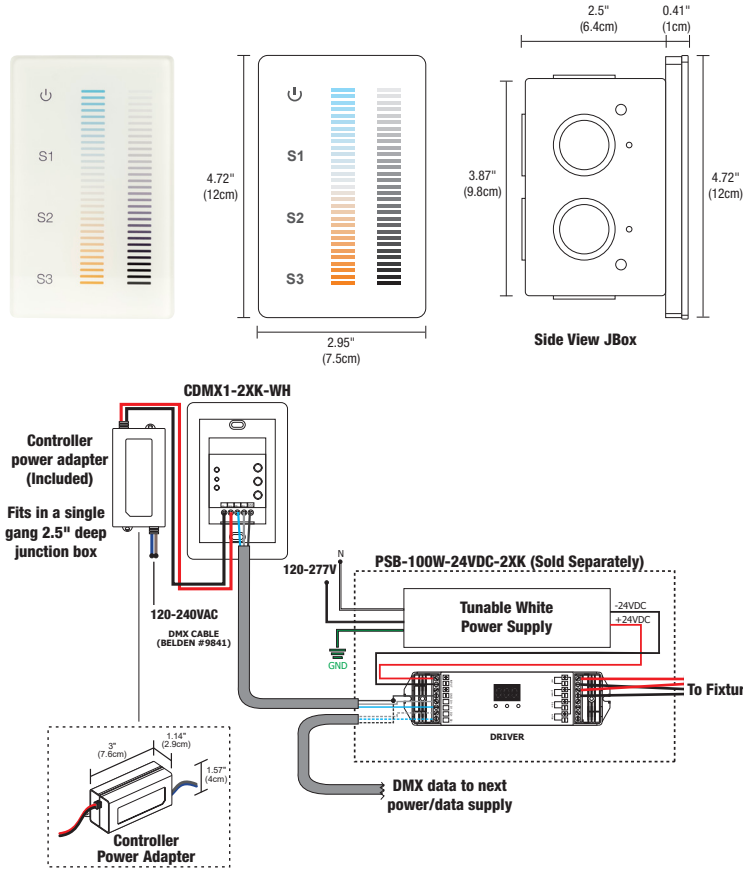


PROJECT		FIXTURE TYPE		DATE	
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# TUNABLE WHITE DMX CONTROLLER AND POWER SUPPLIES

24VDC INDOOR CONSTANT VOLTAGE POWER SUPPLIES WITH DRIVERS

REV 08.17.21



## DESCRIPTION:

The Tunable White Touch Controller offers fast and accurate Color Temperature adjustment and the ability to regulate the Brightness Independently. The modern Glass faceplate features illuminated indicators, and a back-lit night light that softly illuminates the controller when powered off. Designed for Tunable White, and dual-color LED installations within a single zone. The two Vertical Touch sliders are precise and sensitive, allowing you to fine-tune your perfect Color Temperature at any point between **2000K** (Sunset) to **6500K** (Daylight White) while selecting over 250 levels of Brightness in a smooth, uninterrupted transition. Create Thousands of White Color Combinations while maintaining even Brightness and overall saturation. Easily save three pre-set scenes for different times of the day. Support health, performance, and general well-being using Human-Centric lighting by fine-tuning the biological effects that light has on the circadian cycle using the latest in LED technology. Includes a power adapter that fits behind the controller within a standard junction box and fits inside a standard single-gang receptacle (not for use in a multi-gang box). Use with an insulated, 24 AWG stranded, tinned copper wire (Belden #9841). Power Supplies are Sold Separately. Includes a 5 year pro-rated warranty.

## APPLICATIONS:

Indoor

## OUTPUT SIGNAL:

USITT DMX 512 (1990)

## INSTALLATION:

Fits in a single gang 2.5" deep junction box. Not compatible with multi-gang boxes.

## LABELS:

ROHS, FCC, Damp Location, ETL/UL

## POWER INPUT:

120-240VAC

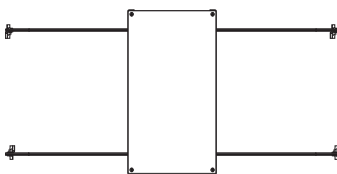
Product	Type	Finish
<b>CDMX1</b>	<b>2XK</b>	<b>WH</b>
CDMX1 DMX Single Zone Touch Controller	2XK Tunable White	WH White

## COLOR CHANGING (DMX) POWER SUPPLIES

ORDERING CODE	PSB-100W-24VDC-2XK	PSB-2X100W-24VDC-2XK	PSB-3X100W-24VDC-2XK	PSB-4X100W-24VDC-2XK
SPECIFICATIONS				
<b>MAXIMUM LOAD OF LED STRIP LENGTH</b>	100W 5 WATTS - 20FT MAX. 10 WATTS - 10FT MAX.	2X100W 5 WATTS 2 X 20FT MAX. 10 WATTS - 2 X 10FT MAX.	3X100W 5 WATTS 3 X 20FT MAX. 10 WATTS - 3 X 10FT MAX.	4X100W 5 WATTS 4 X 20FT MAX. 10 WATTS - 4 X 10FT MAX.
<b>INPUT VOLTAGE</b>	120-277VAC	120-277VAC	120-277VAC	120-277VAC
<b>OUTPUT VOLTAGE</b>	24VDC	24VDC	24VDC	24VDC
<b>DIMENSIONS</b>	12.4" X 6.48" X 2.18"	14" X 10" X 3"	17" X 10" X 3"	17" X 10" X 3"
<b>CLASSIFICATION</b>	CLASS 2	CLASS 2	CLASS 2	CLASS 2
<b>T-BAR MOUNTING</b>	PSB-100W-24VDC-2XK-TB	PSB-2X100W-24VDC-2XK-TB	PSB-3X100W-24VDC-2XK-TB	PSB-4X100W-24VDC-2XK-TB
<b>IN-WALL MOUNTING</b>	PSB-100W-24VDC-2XK-IW	NA	NA	NA
DMX TUNABLE WHITE DIMMING & CONTROLS				
<b>TUNABLE WHITE TOUCH CONTROLLER (CDMX1-2XK)</b>	•	•	•	•

- Flicker free dimming
- Aluminum casing for optimal heat dissipation
- Isolated output power per NEC and UL safety requirements
- UL & ETL recognized/ listed, meets UL 8750, 1310 requirements

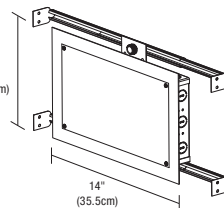
- Auto-reset; short circuit, overload and thermal protection
- Class 2 power supply
- Efficient, High power factor > 0.90



**T-BAR Mounting Kit:** Includes power supply, box cover, and T-bar hangers for installing Junction Box above ceiling with in easy reach. Comes with 4ft of 14 gauge pair Teflon cables with quick secure connectors.

## Ordering Codes:

PSB-100W-24VDC-2XK-TB  
PSB-2x100W-24VDC-2XK-TB  
PSB-3x100W-24VDC-2XK-TB  
PSB-4x100W-24VDC-2XK-TB



**8.5" x 14" 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.

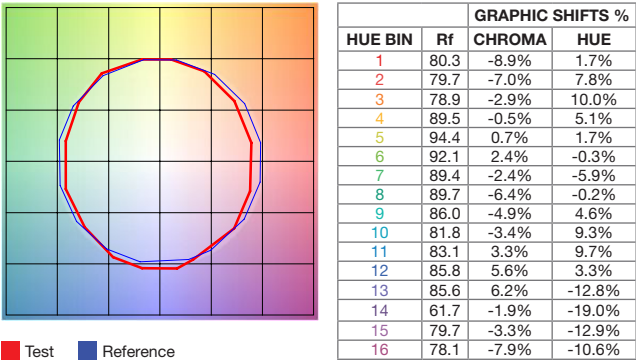
## Ordering Codes:

PSB-100W-24VDC-2XK-IW

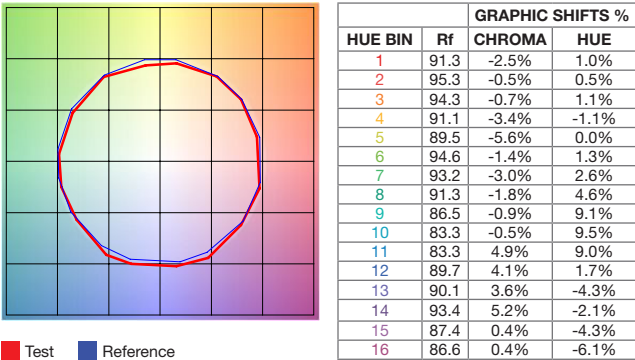
PROJECT	FIXTURE TYPE	DATE
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**TM-30-15 DATA:** The data below is for SS2C, SS5C, SS7C and SS10C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

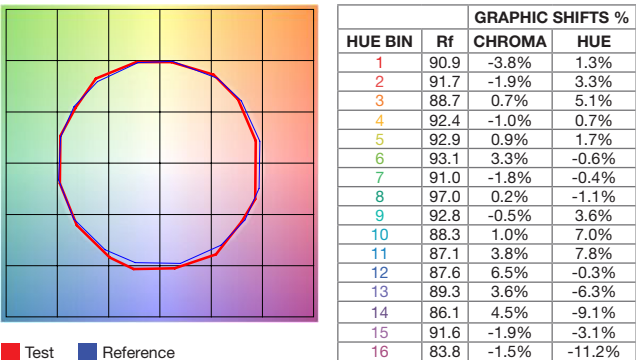
2000K ONLY (2K4K) | Rf: 84.3 | Rg: 96.9  
 Color Vector Graphic



4000K ONLY (2K4K) | Rf: 89.6 | Rg: 99.1  
 Color Vector Graphic



2K4K (3000K) | Rf: 90.2 | Rg: 101.4  
 Color Vector Graphic



PROJECT		FIXTURE TYPE		DATE	
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