

NOVA UP AND DOWN END FEED

LED SUSPENSION WITH POWER

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 07.09.20



DESCRIPTION

Nova Suspension Up and Down is a linear LED fixture that features both direct and indirect light controlled independently or, in unison with two 24VDC power supplies in the canopy. The sleek, minimalist form is perfectly suited for almost any environment, with the ability to span anywhere from 12" to 120". The Downlight has a Diffused White lens with a 100° beam spread and, optional Black or White louver for additional glare reduction, and a 60° beam spread Uplight with a clear frosted lens. Choose from several Metal finishes and nine standard Color Temperatures ranging from 2200K to 5700K, including two Warm Dim options of **(27D)** 2700K or **(30D)** 3000K that dim down to 2000K. Fixture includes a 5 year pro-rated warranty. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

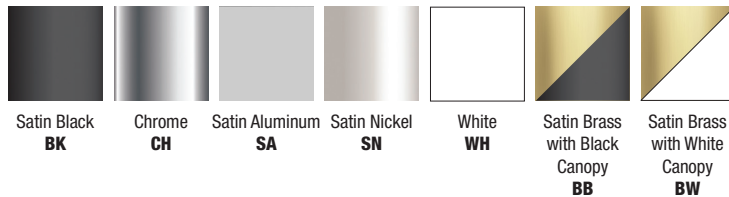
Wattages for this fixture are available in the following options:

- 7W - 7.5 watts per foot, lengths up to 120" (10 ft.)
- 10W - 10 watts per foot, lengths up to 120" (10 ft.)
- 12W - 12 watts per foot, lengths up to 120" (10 ft.)

INSTALLATION

- Includes canopy with 120V/24VDC Electronic Low Voltage LED power supplies
- Adjustable 12 ft. coaxial cables (additional aircraft cables included for support when fixture exceeds 96")

FINISHES



LENSES

- Downlight - Diffused White Lens with 100° beam spread or Clear Frosted Lens with 60° beam spread* and optional White or Black louver
- Uplight - Clear Frosted Lens with 60° beam spread

*60 degree lens not available without louvers on downlight

APPLICATIONS

Ideal applications in Commercial, Retail, Hospitality and Residential environments.

LAMPING

- Choose from 9 color temperatures: 22K-57K and Warm Dim
- Warm Dim Options: 2700K to 2000K **(27D)** or 3000K to 2000K **(30D)**
- 50,000 hours

POWER SUPPLIES (INCLUDED IN CANOPY)

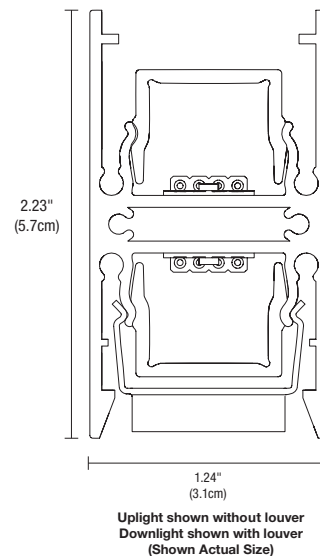
- 120V input, 24VDC output; electronic low voltage LED power supply

DIMMING*

Compatible with the following ELV dimmers:

- Legrand: Adorne ADTP703TU
- Lutron: Diva DVELV-300P; Skylark SELV-300P; Maestro MAELV-600; Radio Ra 2

*Dimmers not available through PureEdge Lighting



System	Wattage Per Foot	Power Canopy	Nominal Size	Color Temperature	Finish
NSUDDP	7W	E	120	22K	SN
NSUDDP Nova Suspension Up/Down Diffused Lens, with Power	7W 7.5 Watt, 120" (10ft) max length (2.5W up and 5W down)	E End Feed	12-120 Order in various increments from 12" to 120". Maximum shipping length for Chrome is 84".	22K 2200K Amber White	BK Satin Black
NSUDDWP Nova Suspension Up/Down Diffused with White Louver, with Power	10W 10 Watt, 120" (10ft) max length (5W up and 5W down)	E2 End Feed (2 Canopies)	*See length chart for exact dimensions (pg. 6-7)	24K 2400K Very Warm White	CH Chrome
NSUDDBP Nova Suspension Up/Down Diffused with Black Louver, with Power	12W 12 Watt, 120" (10ft) max length (5W up and 7.5W down)			27K 2700K Incandescent White	SA Satin Aluminum
NSUDCWP Nova Suspension Up/Down Clear Frosted Lens with White Louver, with Power				27D 2700K Warm Dim (10W only)	SN Satin Nickel
NSUDCBP Nova Suspension Up/Down Clear Frosted Lens with Black Louver, with Power				30K 3000K Warm White	WH White
				30D 3000K Warm Dim (10W only)	BB Satin Brass with Black Canopy
				35K 3500K Neutral White	BW Satin Brass with White Canopy
				40K 4000K Cool White	
				57K 5700K Daylight White	

PROJECT	FIXTURE TYPE	DATE
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Lamp Data: Lamp data for Uplight Channel

DESCRIPTION	NSUDDP, NSUDDWP, NSUDDBP, NSUDCWP, NSUDCBP													
	60 Degree Diffused Clear Frosted Lens - Uplight													
	2w (2.5 watts)							5w (4.4 watts)						
WATTS PER FOOT														
COLOR TEMPERATURE	22K	27K	30K	35K	40K	57K	22K	27K	27D*	30K	30D*	35K	40K	57K
LUMENS PER FOOT (lm/ft)	102	124	135	155	169	179	175	214	295	234	323	267	291	309
LUMENS PER WATT (lm/w)	41	50	54	62	67	72	40	49	61	53	67	61	66	70
CRI	85+	95+	95+	85+	84	84	85+	95+	95+	95+	95+	85+	84	84

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

Lamp Data: Lamp data for Downlight Channel

DESCRIPTION	NSUDDP													
	100 Degree Diffused White Lens without Louver													
	5w (4.4 watts)							7w (7.5 watts)						
WATTS PER FOOT														
COLOR TEMPERATURE	22K	27K	27D*	30K	30D*	35K	40K	57K	22K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	198	242	246	264	269	302	329	350	324	395	432	495	538	572
LUMENS PER WATT (lm/w)	45	55	51	60	56	69	75	80	44	54	59	68	74	78
CRI	85+	95+	95+	95+	95+	85+	84	84	85+	95+	95+	85+	84	84

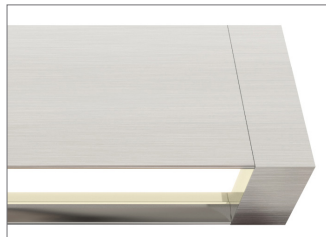
DESCRIPTION	NSUDDBP													
	100 Degree Diffused White Lens with Black Louver													
	5w (4.4 watts)							7w (7.5 watts)						
WATTS PER FOOT														
COLOR TEMPERATURE	22K	27K	27D*	30K	30D*	35K	40K	57K	22K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	87	106	107	116	118	132	144	153	142	176	189	217	236	251
LUMENS PER WATT (lm/w)	20	24	22	26	25	30	33	35	19	24	26	30	32	34
CRI	85+	95+	95+	95+	95+	85+	84	84	85+	95+	95+	85+	84	84

DESCRIPTION	NSUDDWP													
	100 Degree Diffused White Lens with White Louver													
	5w (4.4 watts)							7w (7.5 watts)						
WATTS PER FOOT														
COLOR TEMPERATURE	22K	27K	27D*	30K	30D*	35K	40K	57K	22K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	139	169	172	185	188	212	230	245	227	277	302	346	376	401
LUMENS PER WATT (lm/w)	32	38	36	42	39	48	52	56	31	38	41	47	52	55
CRI	85+	95+	95+	95+	95+	85+	84	84	85+	95+	95+	85+	84	84

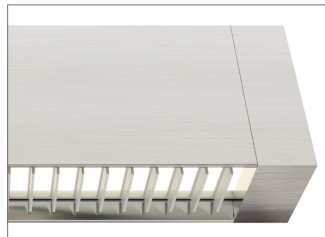
DESCRIPTION	NSUDCBP													
	60 Degree Clear Frosted Lens with Black Louver													
	5w (4.4 watts)							7w (7.5 watts)						
WATTS PER FOOT														
COLOR TEMPERATURE	22K	27K	27D*	30K	30D*	35K	40K	57K	22K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	104	127	129	139	141	159	173	184	170	208	227	260	283	301
LUMENS PER WATT (lm/w)	24	29	27	32	29	36	39	42	23	28	31	36	39	41
CRI	85+	95+	95+	95+	95+	85+	84	84	85+	95+	95+	85+	84	84

DESCRIPTION	NSUDCWP													
	60 Degree Clear Frosted Lens with White Louver													
	5w (4.4 watts)							7w (7.5 watts)						
WATTS PER FOOT														
COLOR TEMPERATURE	22K	27K	27D*	30K	30D*	35K	40K	57K	22K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	167	203	207	222	226	254	277	294	272	332	363	416	452	481
LUMENS PER WATT (lm/w)	38	46	43	50	47	58	63	67	37	46	50	57	62	66
CRI	85+	95+	95+	95+	95+	85+	84	84	85+	95+	95+	85+	84	84

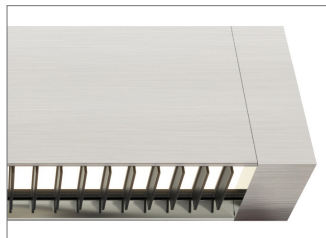
*27D, 30D - Warm Dim (4.8 Watts)



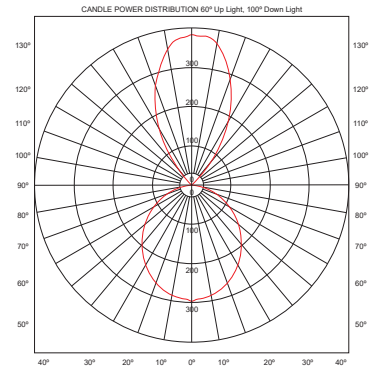
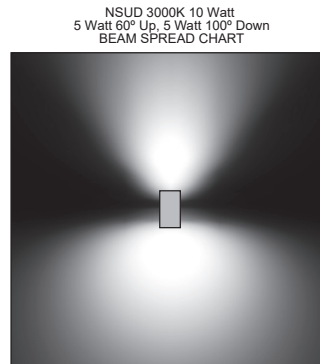
Shown without Louver



Shown with White Louver



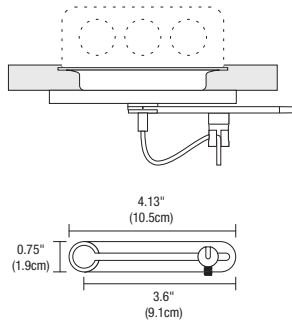
Shown with Black Louver



PROJECT		FIXTURE TYPE		DATE	
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Accessories: Accessories for Nova Suspension

**6 Inch Canopy
(Not Included)**



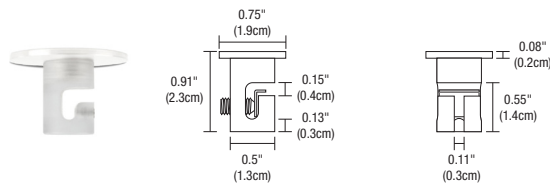
CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK

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

Product	Type	Finish
CS	ADJ-DP-SWAG	SN
CS Channel Suspension	ADJ-SWAG Adjustable Swag Hook for Static White	SN Satin Nickel

CHANNEL SUSPENSION SWAG HOOK

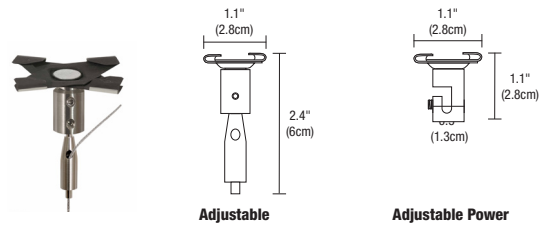
The clear plastic Swag Hook extends a cable from an electrical box that is not located directly above desired fixture location.



System	Type
CS	SWAG
CS Channel Suspension	SWAG Swag Hook

NOVA SUSPENSION ADJUSTABLE T-BAR CLIP

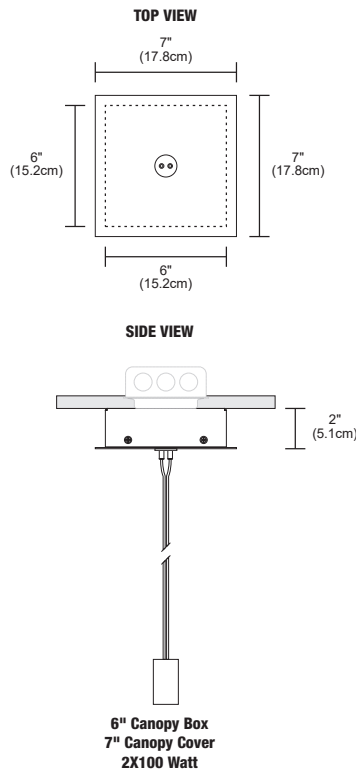
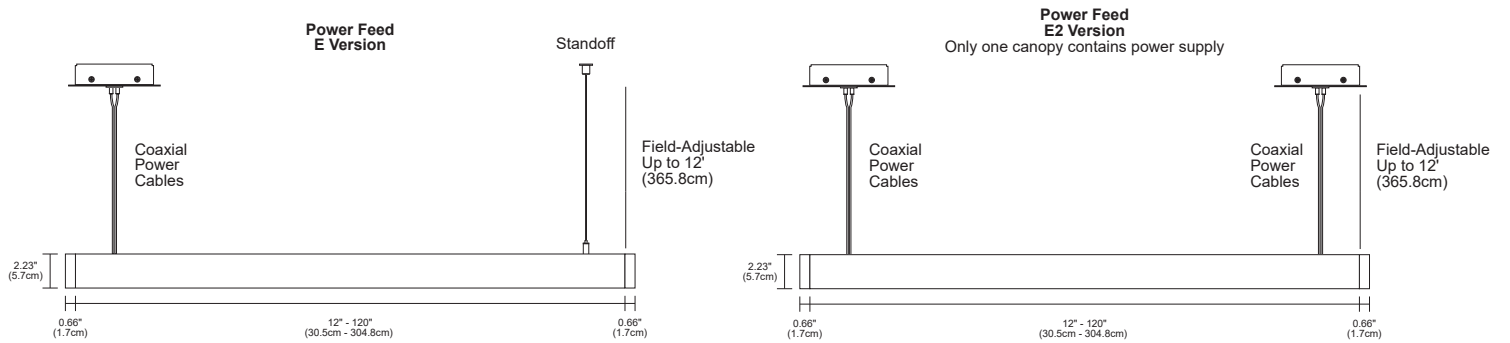
Nova Suspension Adjustable T-Bar Clip mounts to T-Bar grid ceilings. Available in Satin Nickel Hardware as Adjustable Power and Non-Power versions.



Product	Type	Options	Finish
CS	TBAR	A	W
CS Channel Suspension	TBAR 9/16" and 15/16"	A Adjustable AP Adjustable Power	W White BK Satin Black

PROJECT	FIXTURE TYPE	DATE
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Canopy: Sizes and wattages for the Nova Suspension Up/Down with Power - End Feed



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



Satin Black
BK



Chrome
CH



Satin Aluminum
SA



Satin Nickel
SN



White
WH



Satin Brass
with Black Canopy
BB

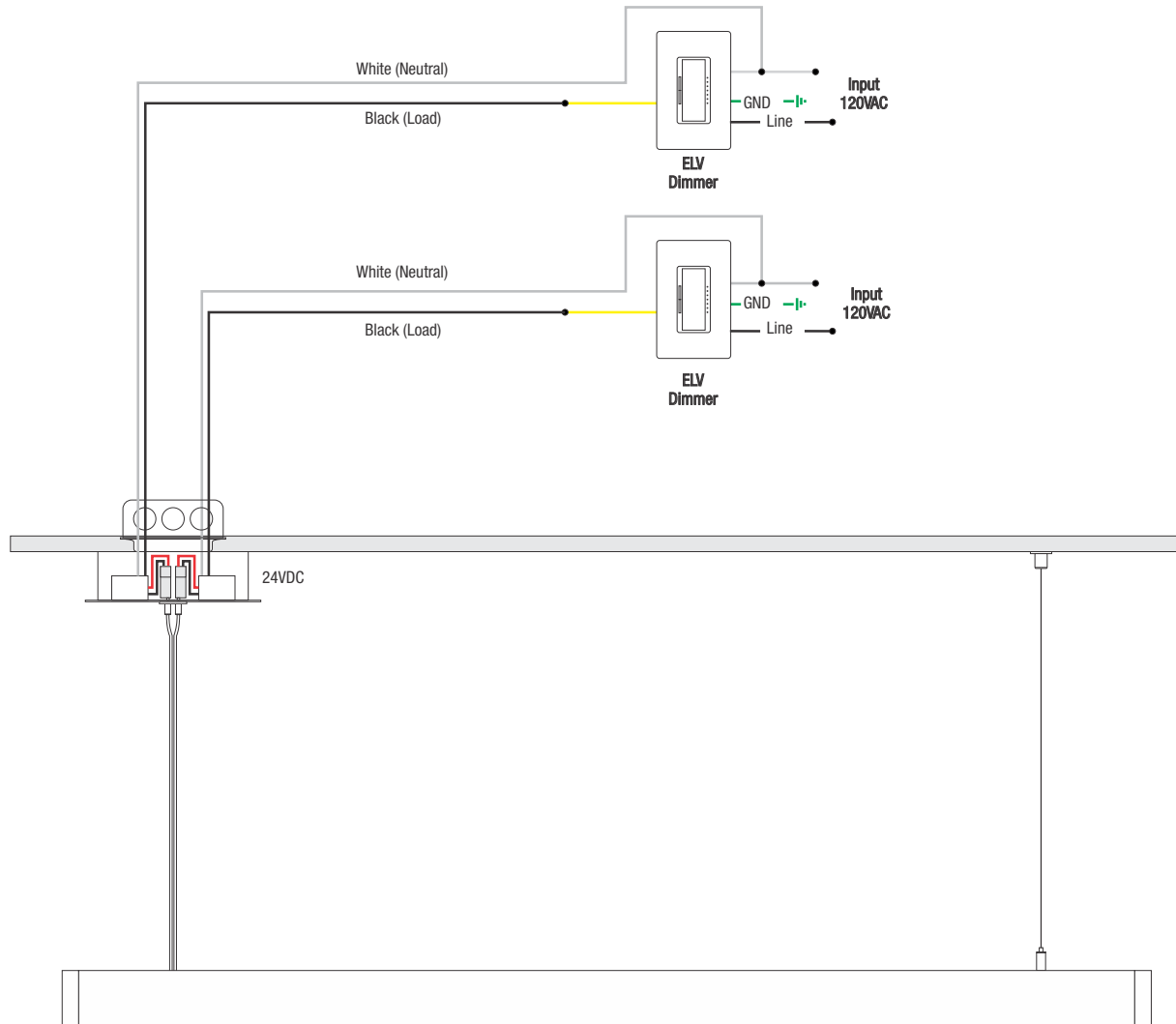


Satin Brass with
White Canopy
BW

PROJECT		FIXTURE TYPE		DATE	
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Wiring Diagram: Wiring diagram for Static White with Dual ELV Dimmers

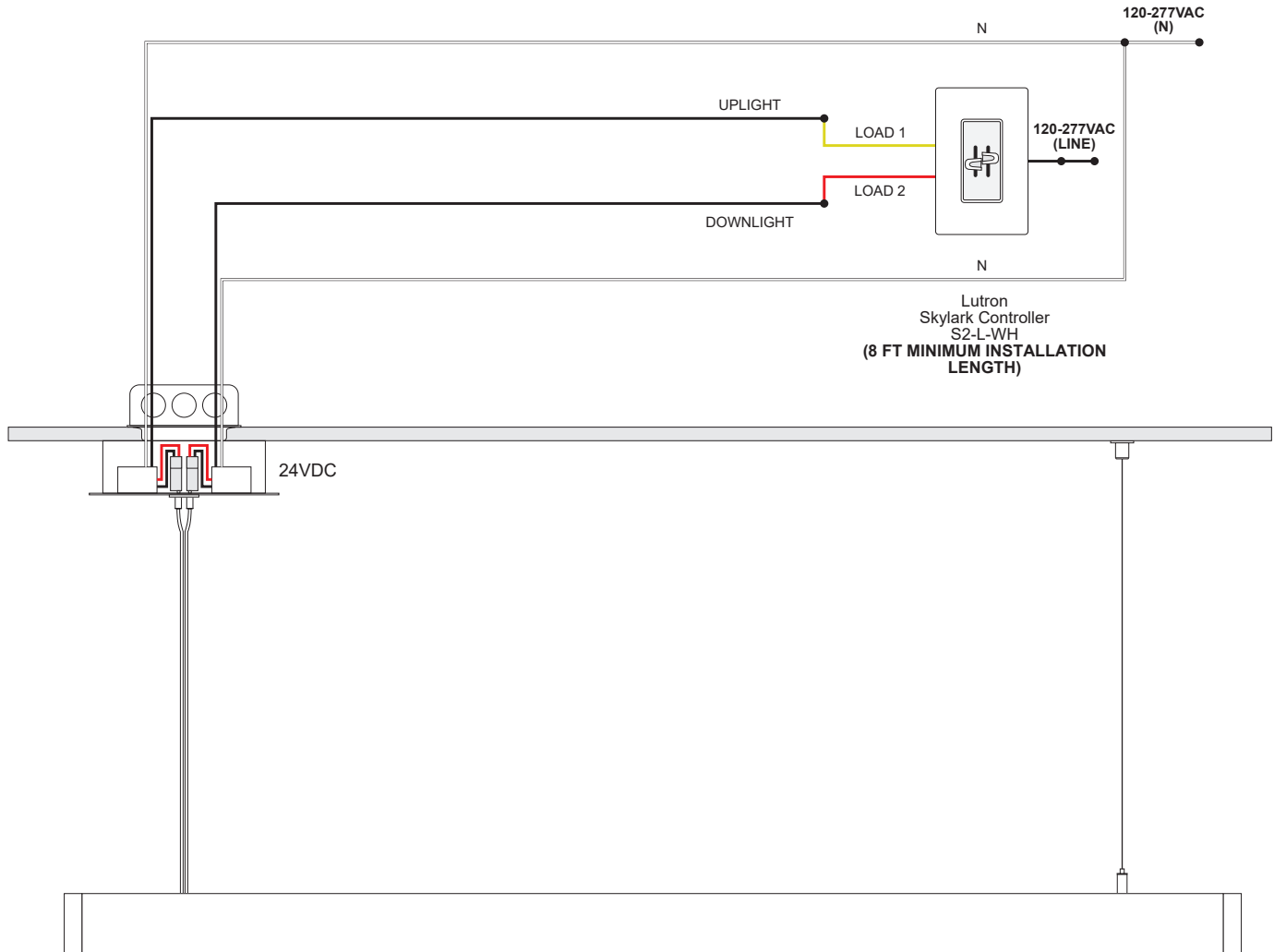
Application: ELV dimming for Nova Suspension Up/Down with Power - End Feed Canopy, Static White
Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



PROJECT	FIXTURE TYPE	DATE
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Wiring Diagram: Wiring diagram for Static White with Dual ELV Dimmers

Application: ELV dimming for Nova Suspension Up/Down with Power - End Feed Canopy, 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

Length Chart: Actual lengths for Nova Suspension Up/Down with Power - End Feed

22K, 24K, 27K, 30K, 35K, 40K & 57K															
Nominal Length (Inches)	Actual Length (Inches)	Total Wattage (7W) (2.5W Up & 5W Down)		Total Wattage (10W) (5W Up & 5W Down)		Total Wattage (12W) (5W Up & 7.3W Down)		Nominal Length (Inches)	Actual Length (Inches)	Total Wattage (7W) (2.5W Up & 5W Down)		Total Wattage (10W) (5W Up & 5W Down)		Total Wattage (12W) (5W Up & 7.3W Down)	
12	13.4	3	5	5	5	5	7	68	68.6	14	28	28	28	28	41
15	15.8	3	6	6	6	6	9	70	71.0	15	29	29	29	29	43
17	18.2	4	7	7	7	7	10	72	73.4	15	30	30	30	30	44
20	20.6	4	8	8	8	8	12	75	75.8	16	31	31	31	31	46
22	23.0	5	9	9	9	9	13	77	78.2	16	32	32	32	32	47
24	25.4	5	10	10	10	10	15	80	80.6	17	33	33	33	33	49
27	27.8	6	11	11	11	11	16	82	83.0	17	34	34	34	34	50
29	30.2	6	12	12	12	12	18	84*	85.4	18	35	35	35	35	51
32	32.6	7	13	13	13	13	19	87	87.8	18	36	36	36	36	53
34	35.0	7	14	14	14	14	21	89	90.2	19	37	37	37	37	54
36	37.4	8	15	15	15	15	22	92	92.6	19	38	38	38	38	56
39	39.8	8	16	16	16	16	24	94	95.0	20	39	39	39	39	57
41	42.2	9	17	17	17	17	25	96	97.4	20	40	40	40	40	58
44	44.6	9	18	18	18	18	27	99	99.8	21	41	41	41	41	60
46	47.0	10	19	19	19	19	28	101	102.2	21	42	42	42	42	61
48	49.4	10	20	20	20	20	29	104	104.6	22	43	43	43	43	63
51	51.8	11	21	21	21	21	31	106	107.0	22	44	44	44	44	64
53	54.2	11	22	22	22	22	32	108	109.4	23	45	45	45	45	66
56	56.6	12	23	23	23	23	34	111	111.8	23	46	46	46	46	68
58	59.0	12	24	24	24	24	35	113	114.2	24	47	47	47	47	69
60	61.4	13	25	25	25	25	36	116	116.6	24	48	48	48	48	71
63	63.8	13	26	26	26	26	38	118	119	25	49	49	49	49	72
65	66.2	14	27	27	27	27	40	120	121.4	25	50	50	50	50	73

*Maximum Chrome Shipping Length

27D & 30D							
Nominal Length (Inches)	Actual Length (Inches)	Total Wattage (10W) (5W Up & 5W Down)		Nominal Length (Inches)	Actual Length (Inches)	Total Wattage (10W) (5W Up & 5W Down)	
12	13.4	5	5	69	70.4	29	29
15	16.4	6	6	72	73.4	30	30
18	19.4	8	8	75	76.4	31	31
21	22.4	9	9	78	79.4	33	33
24	25.4	10	10	81	82.4	34	34
27	28.4	11	11	84*	85.4	35	35
30	31.4	13	13	87	88.4	36	36
33	34.4	14	14	90	91.4	38	38
36	37.4	15	15	93	94.4	39	39
39	40.4	16	16	96	97.4	40	40
42	43.4	18	18	99	100.4	41	41
45	46.4	19	19	102	103.4	43	43
48	49.4	20	20	105	106.4	44	44
51	52.4	21	21	108	109.4	45	45
54	55.4	23	23	111	112.4	46	46
57	58.4	24	24	114	115.4	48	48
60	61.4	25	25	117	118.4	49	49
63	64.4	26	26	120	121.4	50	50
66	67.4	28	28				

*Maximum Chrome Shipping Length

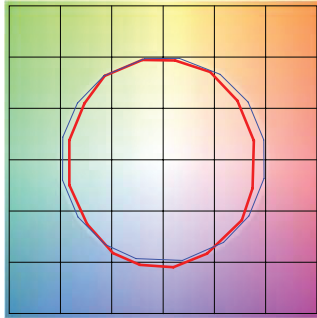
PROJECT		FIXTURE TYPE		DATE	
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SUSPENSION TM30 DATA

LED SUSPENSION WITH POWER

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

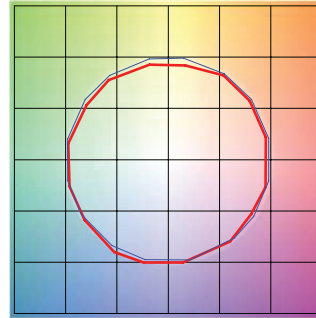
2200K | Rf: 83.9 | Rg: 94.9
Color Vector Graphic



■ Test ■ Reference

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

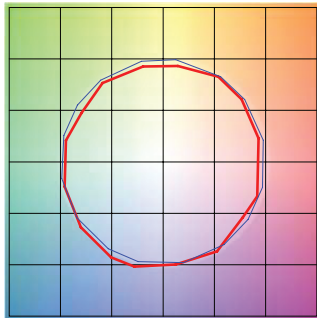
2400K | Rf: 91.2 | Rg: 96.8
Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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%

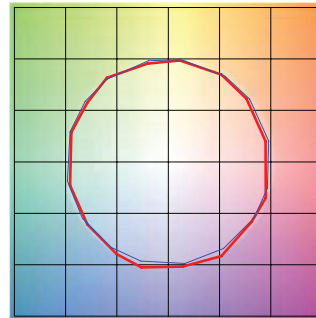
2700K | Rf: 87.7 | Rg: 96.1
Color Vector Graphic



■ Test ■ Reference

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

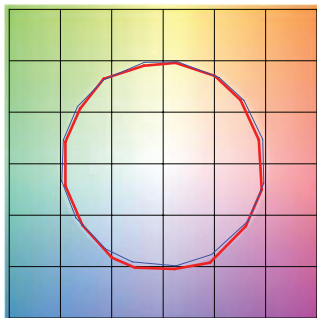
3000K | Rf: 88.1 | Rg: 99.7
Color Vector Graphic



■ Test ■ Reference

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

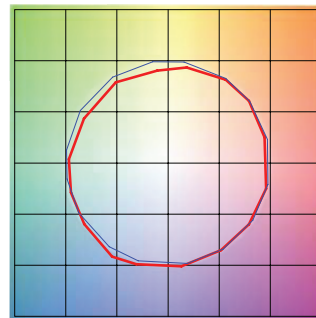
3500K | Rf: 86.1 | Rg: 95.5
Color Vector Graphic



■ Test ■ Reference

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

4000K | Rf: 87.6 | Rg: 96.8
Color Vector Graphic



■ Test ■ Reference

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

PROJECT	FIXTURE TYPE	DATE
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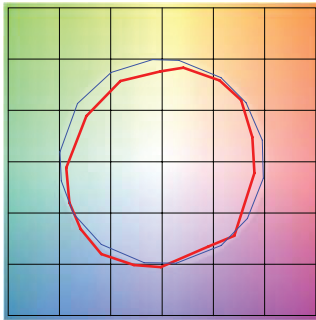
SUSPENSION TM30 DATA

LED SUSPENSION WITH POWER

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

5700K | Rf: 80.3 | Rg: 91.5

Color Vector Graphic

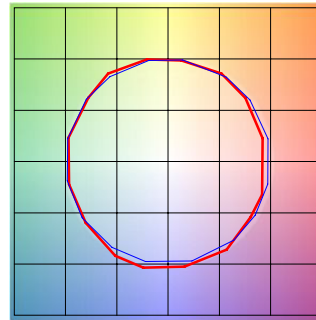


■ Test ■ Reference

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

2700D | Rf: 89.5 | Rg: 100.8

Color Vector Graphic

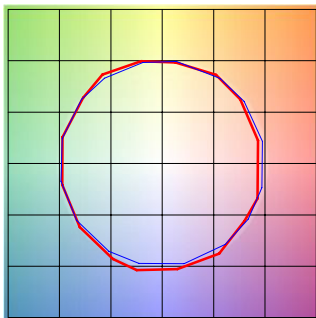


■ Test ■ Reference

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

3000D | Rf: 89.8 | Rg: 101.4

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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
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