

NOVA UP/DOWN MIYO HEXAGON WITH LIT CORNERS

LED SUSPENSION WITH POWER

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 03.17.20



DESCRIPTION

The combination of clean, linear channels to make a geometric design is what makes the Nova MIYO (Make-It-Your-Own) Up/Down Hexagon LED Suspension so distinct. The Hexagon is a 2-circuit fixture that features both direct and indirect light with individual dimming control. With 84+ or 95+ CRI LED strip light enclosed in a crisp Satin Nickel, Black, Chrome, White, or Satin Brass channel, this fixture is every bit contemporary with an industrial edge. The linear channel features a diffused flat lens with a 100° beam spread in 10 or 12 watts per foot. Personalize your Light fixture with a variety of finishes to choose from, lengths from 20" to 48", and 9 LED color temperatures including Warm Dim Dynamic Color Changing Technology. With the 20" a flush 4.6" round canopy is supplied, for all other sizes, an 8" surface mount canopy is included. All these options allow you to become the fixture designer for your unique space. Fixture includes a 5 year pro-rated warranty. For custom design and layout assistance, send drawings to design@PureEdgeLighting.com.

FINISHES



LENSES

- Down Light - Diffused White Lens with 100° beam spread
- Up Light- Clear Frosted Lens with 60° beam spread

APPLICATIONS

Designed for indoor use only. Ideal environments include: conference rooms, kitchens, dining rooms, architectural lighting, general lighting, and retail.

LAMPING OPTIONS:

- Static CCT Kelvin Temperatures with Static Color: 22K, 24K, 27K, 30K, 35K, 40K, 57K
- Warm Dim-Dynamic Color Changing: 2700K dims to 1900K, 3000K dims to 2200K
- 50,000 Hour Lamp Life

POWER SUPPLY INCLUDED IN CANOPY:

- 2 x 120V input, 24VDC Class 2 output; electronic low voltage LED power supply

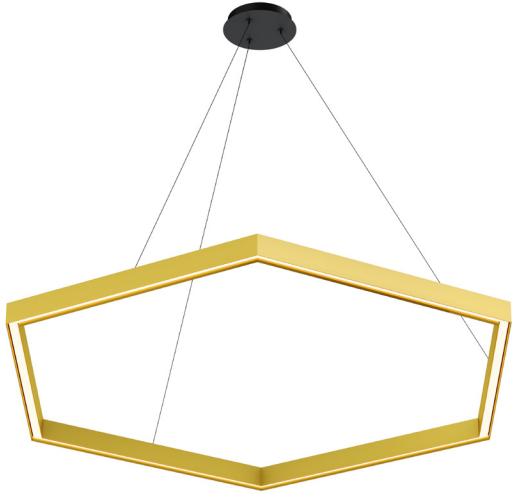
DIMMERS AND CONTROLS (ORDER SEPARATELY)

- Electronic Low Voltage Dimming (ELV): 100 Watt Class 2

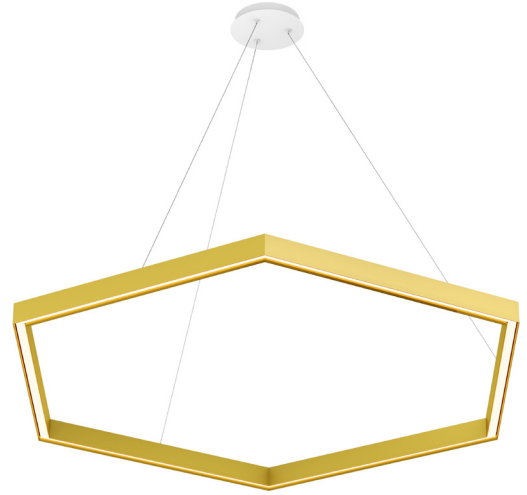
System	Type	Wattage Per Foot	Canopy	Nominal Size (in)	Color Temperature	Finish
NSUDP	HX	10W	C	39	27K	SN
NSUDP Nova Up/Down MIYO Diffused Lens, Power	HX Hexagonal Shape	10W 10 Watt, Warm Dim (5W up and 5W down) 12W 12 Watt, (4.4W up & 7.5W down)	C Center Feed E End Feed	Static White / Standard Dim 20, 24, 30, 36, 39, 42, 48 Warm Dim 20, 24, 30, 36, 42, 48	22K 2200K Amber White 24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim (10W Only) 30K 3000K Warm White 30D 3000K Warm Dim (10W Only) 35K 3500K Neutral White 40K 4000K Cool White 57K 5700K Daylight White	BK Satin Black CH Chrome SN Satin Nickel WH White BB Satin Brass with Black Canopy and hardware BW Satin Brass with White Canopy and hardware

PROJECT	FIXTURE TYPE	DATE
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Finishes: Finishes available for the Nova Up/Down MIYO Hexagon LED Suspension fixture



NSUDP-HX-10W-C-20-30K-BB



NSUDP-HX-10W-C-20-30K-BW



NSUDP-HX-10W-C-20-30K-CH



NSUDP-HX-10W-C-20-30K-BK



NSUDP-HX-10W-C-20-30K-SN



NSUDP-HX-10W-C-20-30K-WH

PROJECT		FIXTURE TYPE		DATE	
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Lamp Data: Lamp data for the Nova Up Light Channel

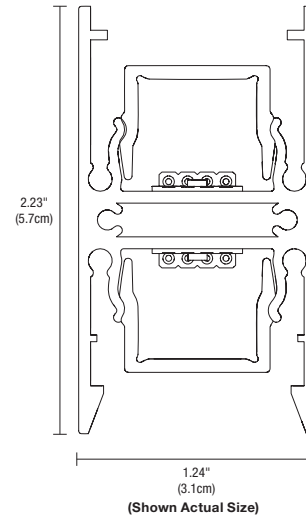
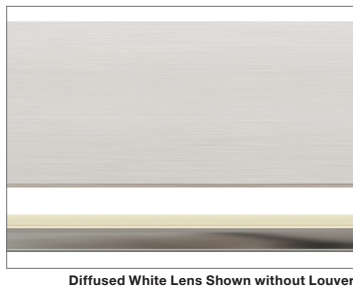
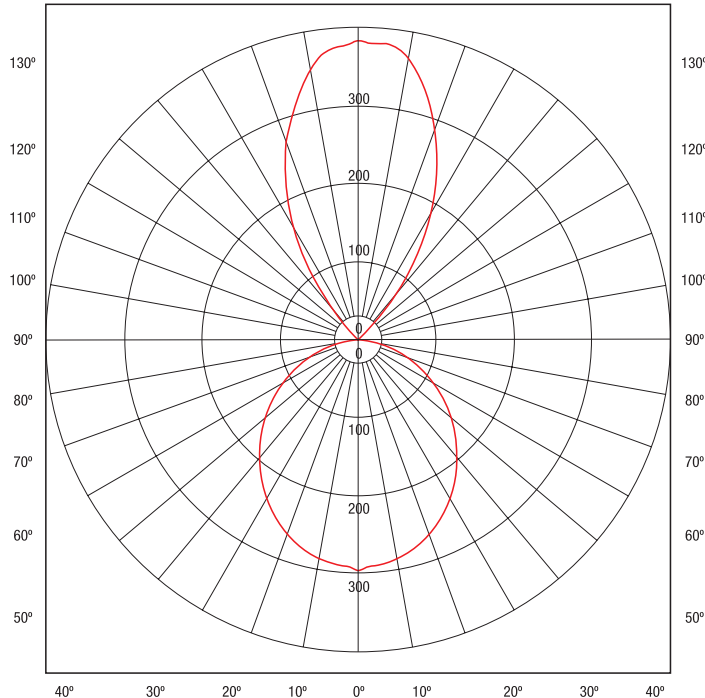
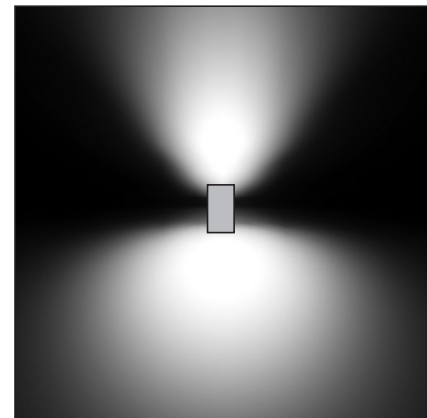
DESCRIPTION	NSUDP									
	60 Degree Diffused Clear Frosted Lens - Uplight									
	5w (4.4 watts)									
WATTS PER FOOT										
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	
LUMENS PER FOOT (lm/ft)	268.5	281.75	295	267	322	292	369	401	427	
LUMENS PER WATT (lm/w)	55	61	67	56	73	61	84	91	97	
CRI	85+	90+	95+	95+	95+	95+	85+	84	84	

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

Lamp Data: Lamp data for the Nova Down Light Channel

DESCRIPTION	NSUDP																
	100 Degree Diffused White Lens																
	5w (4.4 watts)							7w (7.5 watts)									
WATTS PER FOOT																	
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	
LUMENS PER FOOT (lm/ft)	192	201.5	211	236	231	259	264	287	306	340.5	357	374	409	469	509	542	
LUMENS PER WATT (lm/w)	43.5	46	48	49	52	54	60	65	69	46.5	48.5	51	56	64	70	74	
CRI	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	

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


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

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


PROJECT		FIXTURE TYPE		DATE	
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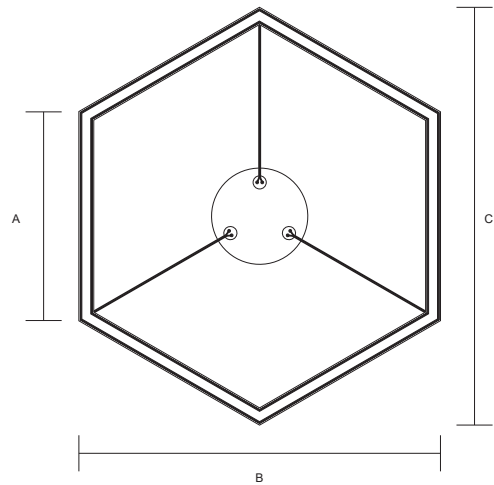
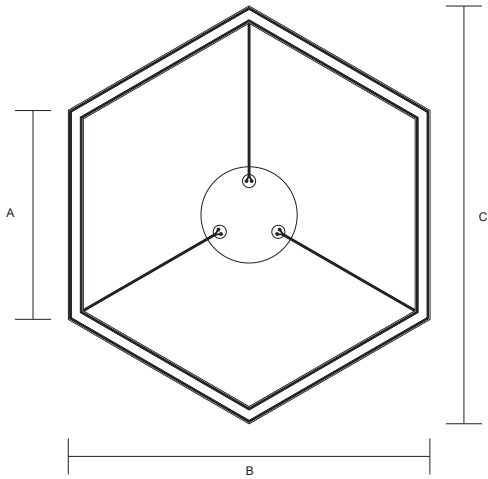
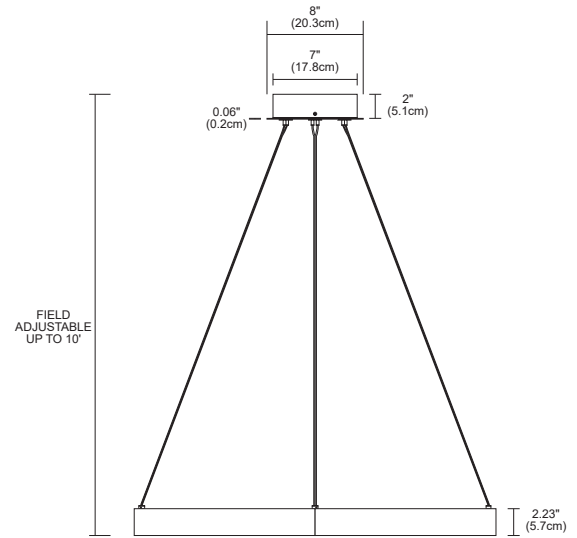
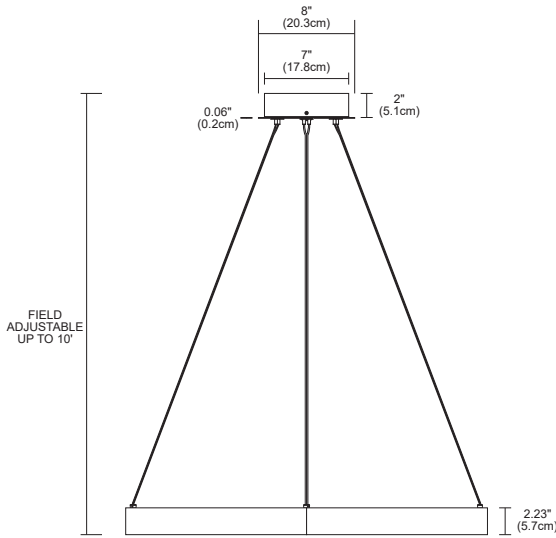
Length Chart: Actual lengths for Nova Up and Down MIYO Rectangle LED Suspension with Remote Power

22K, 27K, 30K, 35K, 40K, 57K & 2K4K										
Nominal Length C (Inches)	Dim A (Inches)	Dim B (Inches)	Dim C (Inches)	Total Wattage (5W)	Canopy (5W)	Total Lumens Up Light 3000K (5W)	Total Lumens Downlight 3000K (5W)	Total Wattage (7W)	Canopy (7W)	Total Lumens 3000K (7W)
20	10.4	17.9	20.7	48	4" Round Flush	1546	1286	60	8" Round Surface	2045
24	12.8	22.1	25.5	60	8" Round Surface	1932	1608	75	8" Round Surface	2556
30	15.2	26.2	30.3	72	8" Round Surface	2318	1930	90	8" Round Surface	3067
36	17.6	30.4	35.1	84	8" Round Surface	2705	2251	105	8" Round Surface	3578
39	20.0	34.6	39.9	96	8" Round Surface	3091	2573	120	8" Round Surface	4090
42	22.4	38.7	44.7	108	8" Round Surface	3478	2894	135	8" Round Surface	4601
48	24.8	42.9	49.5	120.0	8" Round Surface	3864	3216	150	8" Round Surface	5112

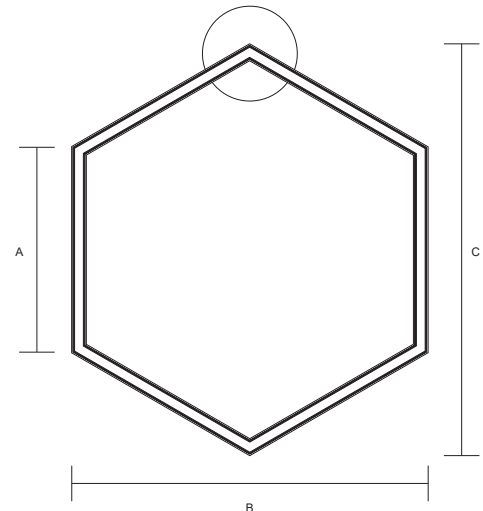
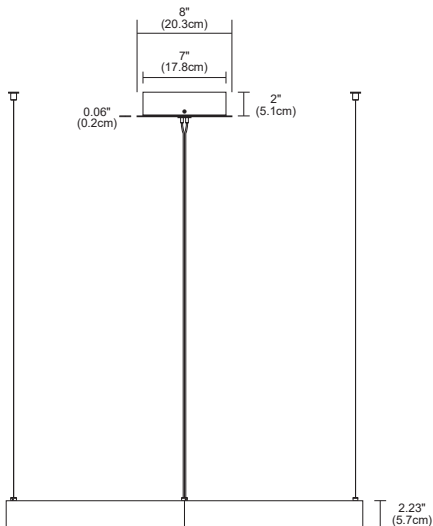
WARM DIM (27D & 30D)							
Nominal Length C (Inches)	Dim A (Inches)	Dim B (Inches)	Dim C (Inches)	Total Wattage (5W)	Canopy (5W)	Total Lumens Up Light 3000K (5W)	Total Lumens Downlight 3000K (5W)
20	9.8	16.9	19.5	45	4" Round Flush	1314	1485
24	12.8	22.1	25.5	60	8" Round Surface	1752	1980
30	15.8	27.3	31.5	75	8" Round Surface	2190	2475
36	18.8	32.5	37.5	90	8" Round Surface	2628	2970
42	21.8	37.7	43.5	105	8" Round Surface	3066	3465
48	24.8	42.9	49.5	120.0	8" Round Surface	3504	3960

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Drawings: Dimensions for the Nova Up/Down MIYO Hexagon LED Suspension fixture, Center Feed



Drawings: Dimensions for the Nova Up/Down MIYO Hexagon LED Suspension fixture, End Feed

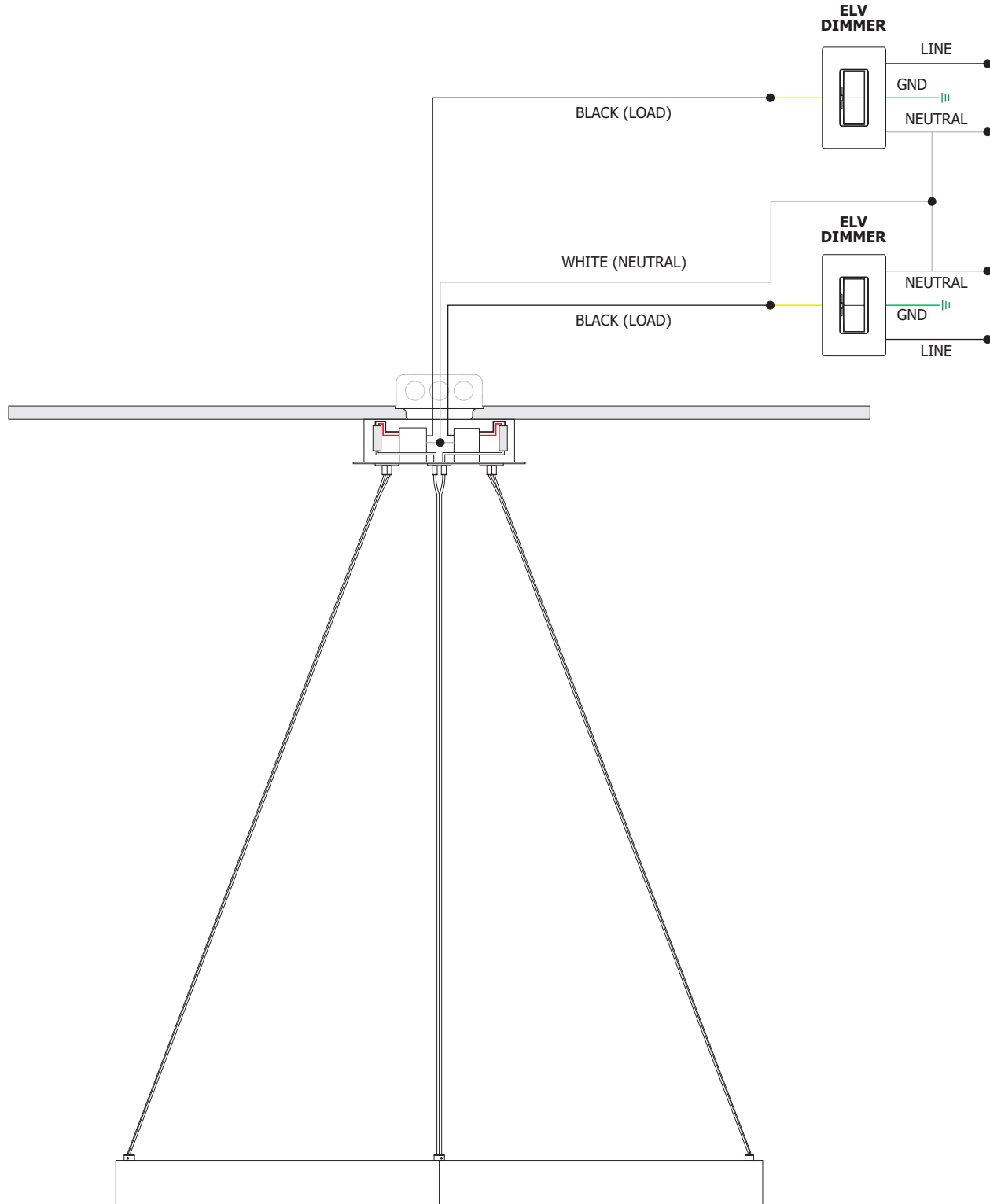


PROJECT	FIXTURE TYPE	DATE
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Wiring Diagram: Wiring diagram for Static White with ELV Dimmer

Application: ELV dimming for Nova Up/Down MIYO Hexagon LED Power Suspension, Center Feed Static White

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

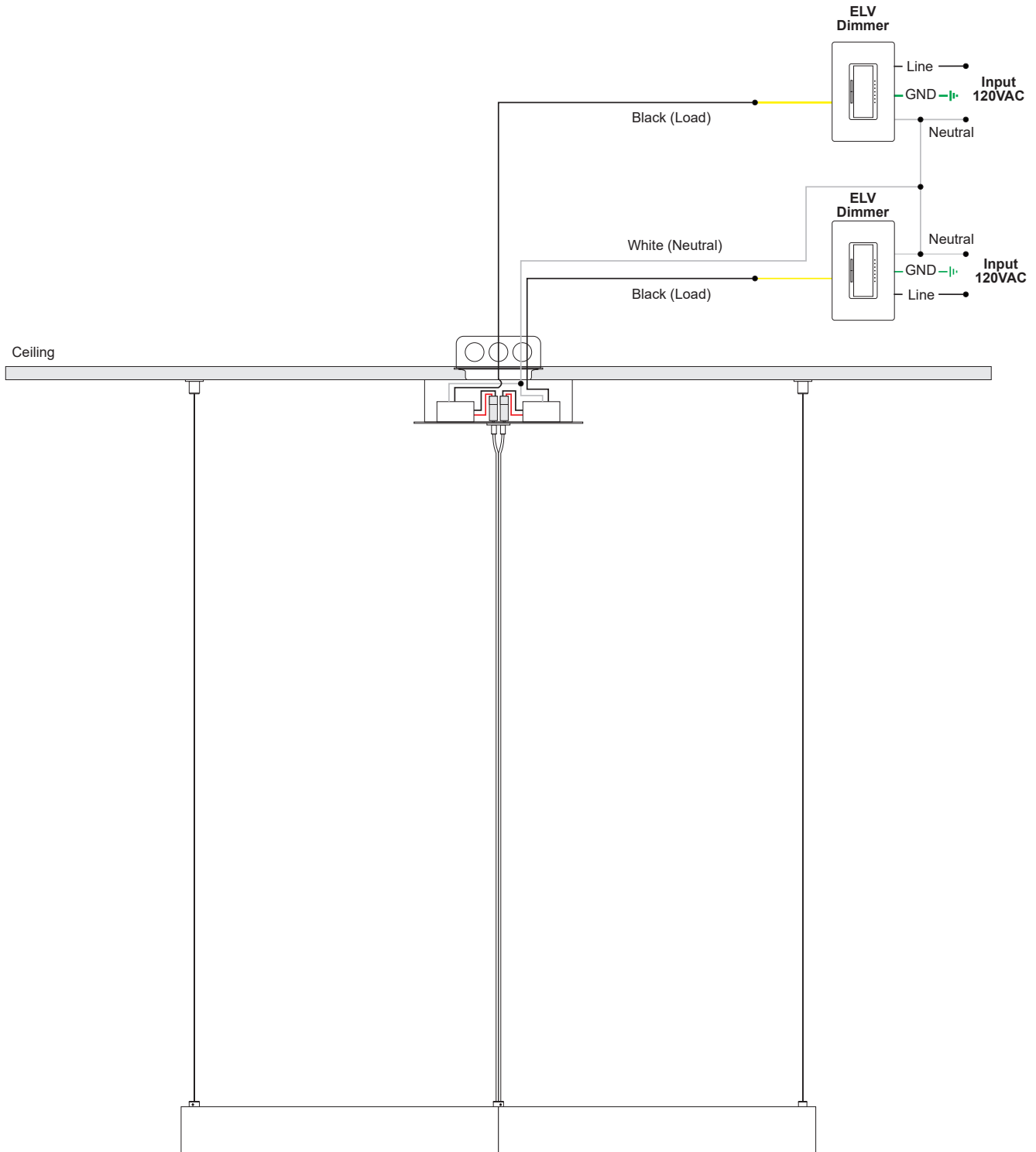


PROJECT		FIXTURE TYPE		DATE	
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Wiring Diagram: Wiring diagram for Static White with ELV Dimmer

Application: ELV dimming for Nova Up/Down MIYO Hexagon LED Power Suspension, 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



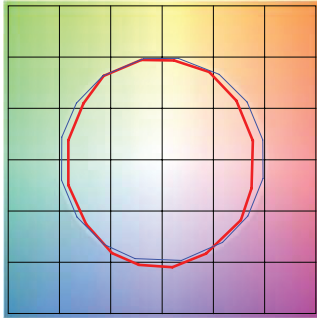
PROJECT		FIXTURE TYPE		DATE	
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SUSPENSION TM30 DATA

LED SUSPENSION WITH POWER - LIT CORNERS

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

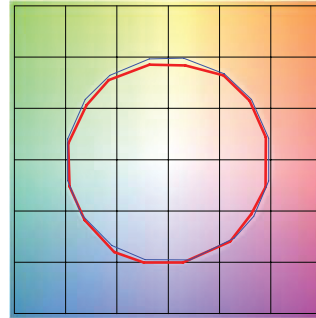
2200K | Rf: 83.9 | Rg: 94.9
Color Vector Graphic



■ 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%

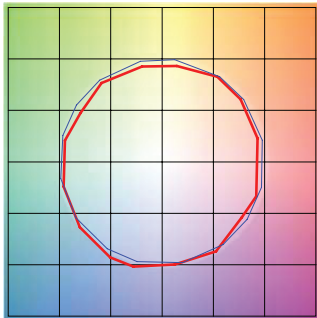
2400K | Rf: 91.2 | Rg: 96.8
Color Vector Graphic



■ 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%

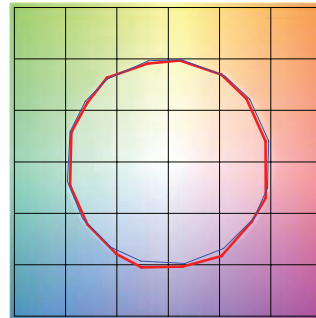
2700K | Rf: 87.7 | Rg: 96.1
Color Vector Graphic



■ 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%

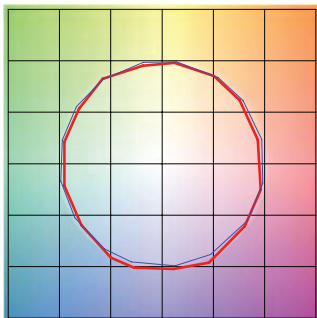
3000K | Rf: 88.1 | Rg: 99.7
Color Vector Graphic



■ 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%

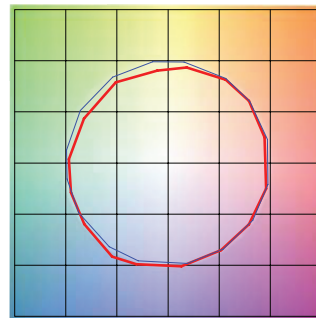
3500K | Rf: 86.1 | Rg: 95.5
Color Vector Graphic



■ 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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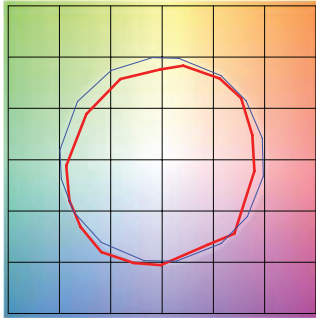
SUSPENSION TM30 DATA

LED SUSPENSION WITH POWER - LIT CORNERS

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.

5700K | Rf: 80.3 | Rg: 91.5

Color Vector Graphic

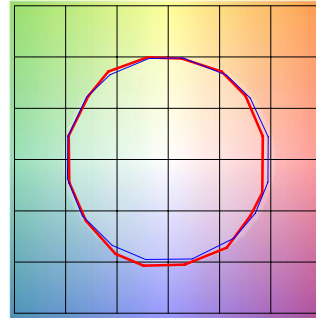


■ Test ■ Reference

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

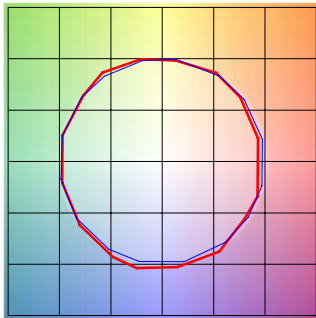


■ Test ■ Reference

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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