

CIRRUS MIYO Y

24VDC LED MAKE-IT-YOUR-OWN SUSPENSION, STATIC WHITE AND WARM DIM

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | US PATENT ISSUED

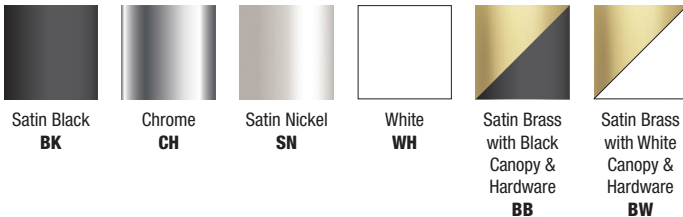
REV 04.18.22



DESCRIPTION

The Cirrus MIYO (Make-It-Your-Own) Y LED Suspension in Static White and Warm Dim joins a trio of clean linear channels to create a minimalist and geometric form with so many custom yet standardized options. The Triangle MIYO Fixture is available in 5 watts or 7 watts per foot, features a Diffused Flat Standard or High Efficiency Lens with a 100° beam spread. Our MIYO family fixtures and systems are offered in a variety of finishes, multiple color temperatures including Warm Dim (27D and 30D), and lengths from 14" to 168" with up to 95+ CRI. Order **CSD_P** with power supplies included in the Canopy or **CSD_R** with remote power supplies sold separately. All these options allow you to become the fixture designer creating the perfect fixture for any unique space. Fixture includes a 5 year pro-rated warranty. For custom designs and layout assistance, email our design team design@PureEdgeLighting.com.

FINISHES



APPLICATIONS

Designed for Indoor Use Only. Ideal Applications include commercial, architectural, retail and residential spaces including offices, conference rooms, entrance halls, lobbies, Kitchens, Dining Rooms and more.

LENS

- Diffused White Standard or High Efficiency Lens with 100° beam spread
- Black or White Louver available, contact for pricing

LAMP

- 5 or 7 watts per foot
- Choose from multiple color temperatures from 2400K-4000K
- Warm Dim (optional): 2700K to 2000K (27D) or 3000K to 2000K (30D)
- For Tunable White see other spec sheet
- 50,000 Hour Lamp Life

POWER & CANOPY SPECIFICATIONS

CSD_P: Power Supply in Canopy (Included)

- 4" Round Flush Canopy up to 50 watts, 8" Surface Mount Canopy up to 96 watts
- Power: 120VAC
- Electronic Low Voltage Dimming (ELV)[†]

CSD_R: Remote Power Supplies (Sold Separately)*

- 4" Round Flush Canopy
- Power: 24VDC, Class 2 wiring
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)
- [Electronic Low Voltage \(ELV\)[†]](#) (fits inside junction box)
- [Lutron](#) Hi-Lume/Ecosystem

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

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

APPROVALS

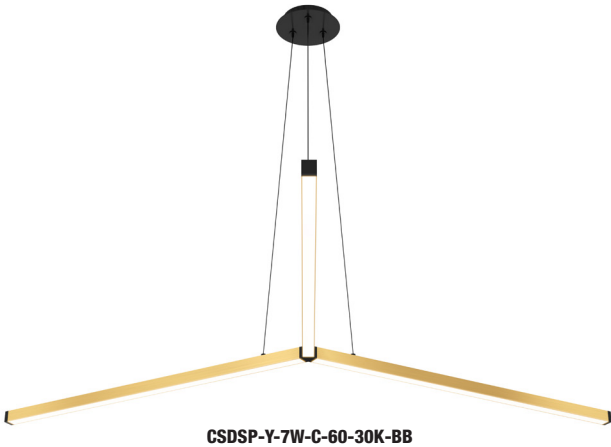
Damp Location, ETL Listed, Class 2 wiring, Title 24 JA8 listed for 2700K CCT and above when used with PureEdge remote Universal power supplies.

System	Type	Wattage Per Foot	Canopy	Nominal Size In Inches (Diameter)	Color Temperature	Finish
CSDSP	Y	5W	C	26	27K	SN
CSDSP Cirrus MIYO Standard Efficiency Diffused Lens, Power Supply in canopy* CSDHP Cirrus MIYO High Efficiency Diffused Lens, Power Supply in canopy* CSDSR Cirrus MIYO Standard Efficiency Diffused Lens, Remote Power CSDHR Cirrus MIYO High Efficiency Diffused Lens, Remote Power	Y Y Shape	5W 5 watts 7W 7.5 watts (152" Max)	C Center	STATIC WHITE: 14, 18, 23, 27, 31, 35, 43, 52, 60, 73*, 85, 97, 114, 127, 139, 152, 156, 60, 647, 168 WARM DIM: 17, 23, 28, 33, 38, 43, 49, 64, 75*, 90, 101, 121, 137, 58	24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim (5W only) 30K 3000K Warm White 30D 3000K Warm Dim (5W only) 35K 3500K Neutral White 40K 4000K Cool White	SN Satin Nickel BK Black WH White CH Chrome BB Satin Brass with Black Canopy and Hardware BW Satin Brass with White Canopy and White Hardware

**Maximum shipping length for Chrome

PROJECT	FIXTURE TYPE	DATE
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Finishes: Finishes available for the Cirrus MIYO Y LED Suspension fixture



PROJECT		FIXTURE TYPE		DATE	
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CIRRUS MIYO Y

24VDC LED MAKE-IT-YOUR-OWN SUSPENSION, STATIC WHITE AND WARM DIM

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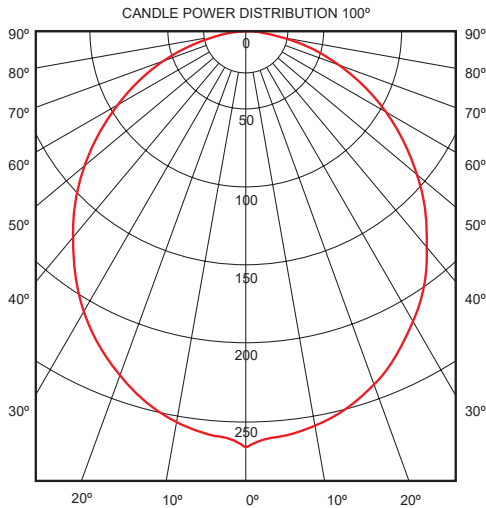
Lamp Data: Lamp data for Cirrus MIYO Y LED Suspension

DESCRIPTION	CSDS											
	Standard Efficiency, 100° Diffused White Lens											
WATTS PER FOOT	5w (5 watts)						7w (7.5 watts)					
COLOR TEMPERATURE	24K	27K	27D ⁺	30K	30D ⁺	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	251	275	341	301	341	345	375	409	450	492	563	612
LUMENS PER WATT (lm/w)	57	62	71	68	71	78	85	56	62	68	77	84
CRI	90+	95+	93+	95+	92+	85+	85+	90+	95+	95+	85+	85+

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

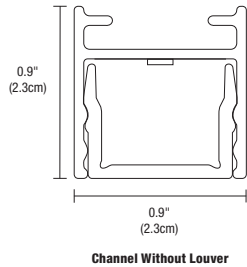
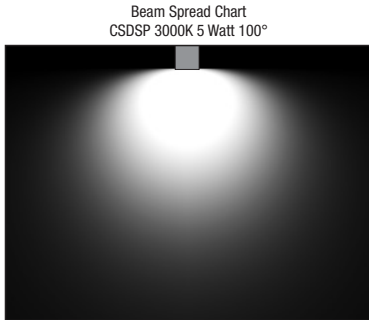
DESCRIPTION	CSDH											
	High Efficiency, 100° Diffused White Lens											
WATTS PER FOOT	5w (5 watts)						7w (7.5 watts)					
COLOR TEMPERATURE	24K	27K	27D ⁺	30K	30D ⁺	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	301	330	409	361	409	413	450	491	540	590	676	735
LUMENS PER WATT (lm/w)	68	75	85	82	85	94	102	67	74	81	93	100
CRI	90+	95+	93+	95+	92+	85+	85+	90+	95+	95+	85+	85+

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



5 Watt 100°	
Distance	Foot Candles
1'	122
1.5'	80
2'	59
3'	38
4'	27
5'	20
6'	15
7'	12
8'	10

7 Watt 100°	
Distance	Foot Candles
1'	200
1.5'	131
2'	96
3'	62
4'	45
5'	33
6'	26
7'	21
8'	18



Channel Without Louver



Diffused White Lens

PROJECT		FIXTURE TYPE		DATE	
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CIRRUS MIYO Y

24VDC LED MAKE-IT-YOUR-OWN SUSPENSION, STATIC WHITE AND WARM DIM

Length Chart: Actual lengths for Cirrus MIYO Y LED Suspension

STATIC WHITE								
Nominal Length (Inches)	Dim A (Inches)	Dim B (Inches)	Dim C (Inches)	Total Wattage (5W)	Canopy (5W)	Total Lumens Downlight Diffuse 3000K (5W)	Total Wattage (7W)	Total Lumens Downlight Diffuse 3000K (7W)
14	8.27	14.33	16.54	9	4" Round	498	14	815
18	10.67	18.48	21.34	12	4" Round	664	18	1086
23	13.07	22.64	26.14	15	4" Round	830	23	1358
27	15.47	26.80	30.94	18	4" Round	996	27	1629
31	17.87	30.95	35.74	21	4" Round	1162	32	1901
35	20.27	35.11	40.54	24	4" Round	1328	36	2172
43	25.07	43.42	50.14	30	4" Round	1660	45	2716
52	29.87	51.74	59.74	36	4" Round	1992	54	3259
60	34.67	60.05	69.34	42	4" Round	2324	63	3802
73	41.87	72.52	83.74	51	8" Round Surface	2823	77	4616
85	49.07	84.99	98.14	60	8" Round Surface	3321	90	5431
97	56.27	97.46	112.54	69	8" Round Surface	3819	104	6246
114	65.87	114.09	131.74	81	8" Round Surface	4483	122	7332
127	73.07	126.56	146.14	90	8" Round Surface	4981	135	8147
139	80.27	139.03	160.54	100	8" Round Surface	5479	149	8961
152	87.47	151.50	174.94	108	8" Round Surface	5977	162	9776
156	89.87	155.66	179.74	111	8" Round Surface	6143		
160	92.27	159.82	184.54	114	8" Round Surface	6309		
164	94.67	163.97	189.34	117	8" Round Surface	6475		
168	97.07	168.13	194.14	120	8" Round Surface	6641		

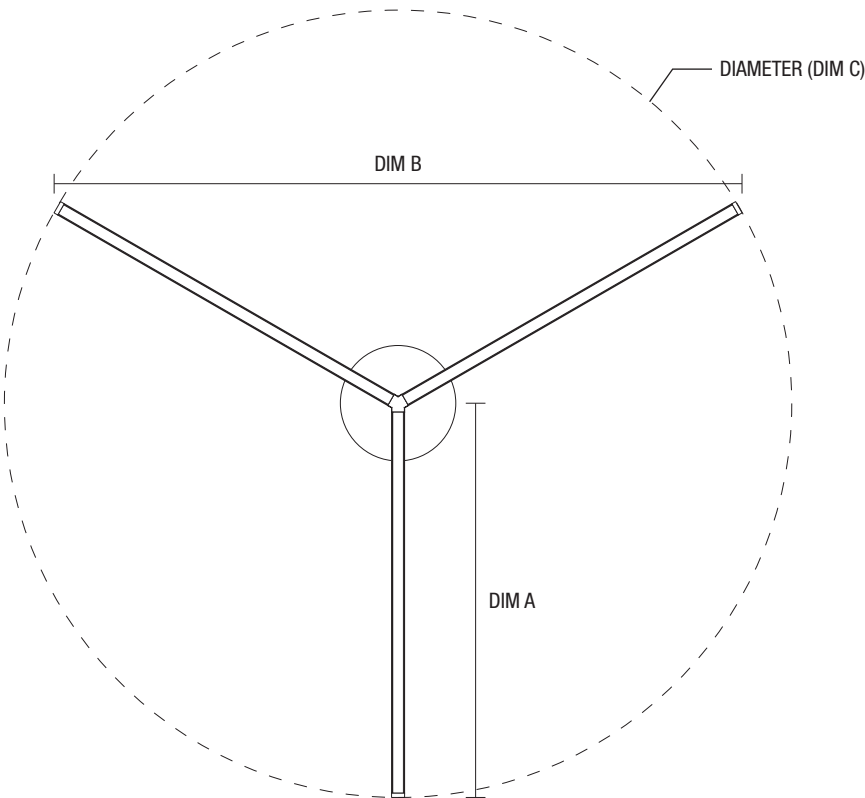
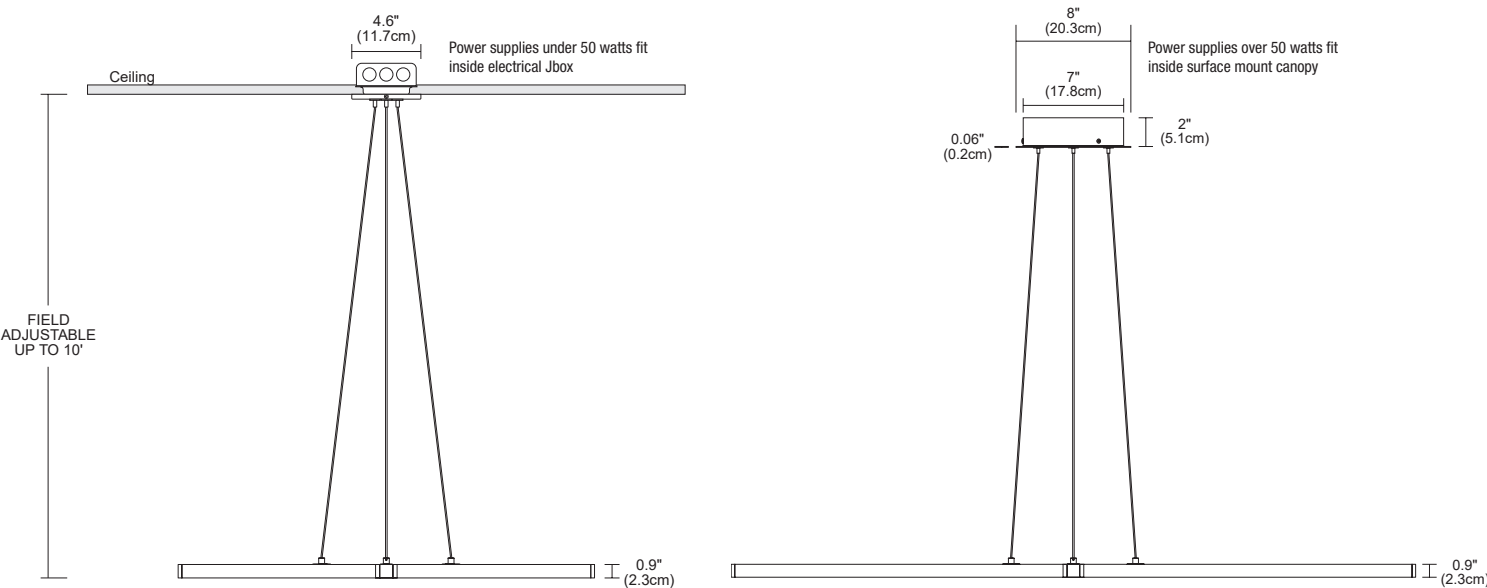
WARM DIM (27D & 30D)						
Nominal Length (Inches)	Dim A (Inches)	Dim B (Inches)	Dim C (Inches)	Total Wattage (5W)	Canopy (5W)	Total Lumens Downlight Diffuse 3000K (5W)
17	10.07	17.44	20.14	12	4" Round	706
23	13.07	22.64	26.14	15	4" Round	941
28	16.07	27.84	32.14	19	4" Round	1176
33	19.07	33.03	38.14	23	4" Round	1412
38	22.07	38.23	44.14	27	4" Round	1647
43	25.07	43.42	50.14	30	4" Round	1882
49	28.07	48.62	56.14	34	4" Round	2118
64	37.07	64.21	74.14	45	4" Round	2823
75	43.07	74.60	86.14	53	8" Round Surface	3294
90	52.07	90.19	104.14	64	8" Round Surface	4000
101	58.07	100.58	116.14	72	8" Round Surface	4470
121	70.07	121.37	140.14	87	8" Round Surface	5412
137	79.07	136.95	158.14	98	8" Round Surface	6117
158	91.07	157.74	182.14	113	8" Round Surface	7059

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CIRRUS MIYO Y

24VDC LED MAKE-IT-YOUR-OWN SUSPENSION, STATIC WHITE AND WARM DIM

Drawings: Dimensions of the Cirrus MIYO Y LED Suspension, Center Feed



PROJECT		FIXTURE TYPE		DATE	
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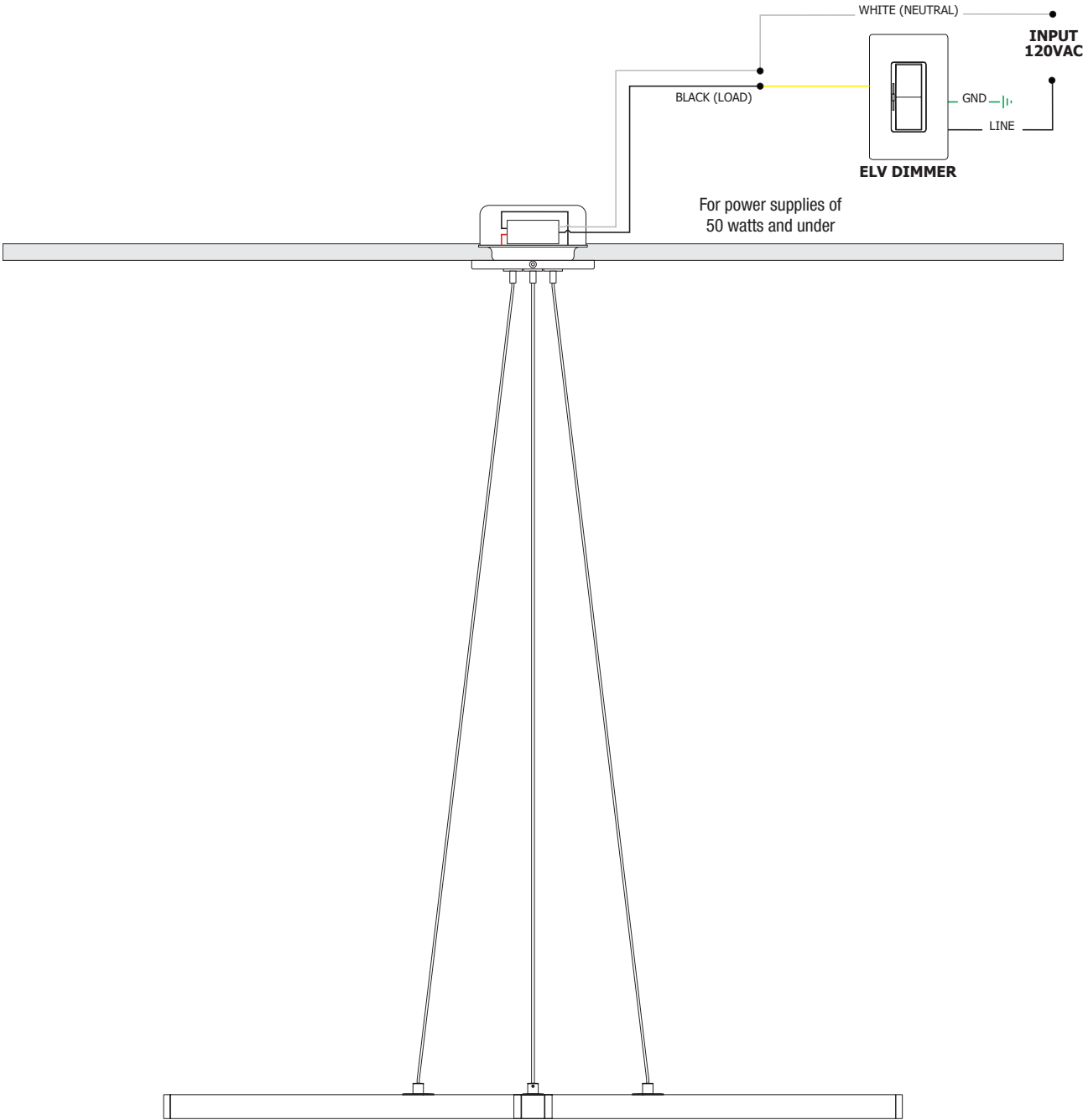
CIRRUS MIYO Y

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Wiring Diagram: Wiring diagram for Static White with ELV Dimmers

Application: ELV dimming for Cirrus MIYO Y LED Suspension, Center 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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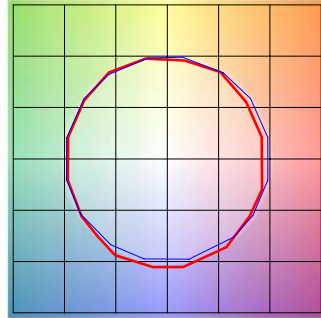
SUSPENSION TM30 DATA

24VDC LED MAKE-IT-YOUR-OWN SUSPENSION, STATIC WHITE AND WARM DIM

TM-30-15 DATA: The data below is for ST5A and ST7A bare LED Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2400K | Rf: 90.2 | Rg: 99.3

Color Vector Graphic

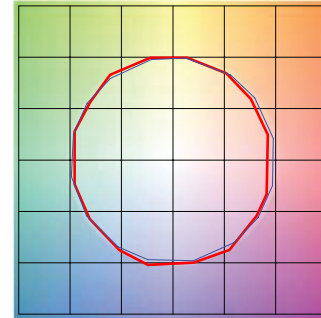


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	89.0	-4.8%	1.1%
2	90.4	-3.7%	3.2%
3	88.1	-0.7%	5.2%
4	93.0	-2.1%	0.9%
5	94.5	-0.1%	2.0%
6	94.7	1.7%	0.6%
7	93.7	-1.9%	-1.5%
8	96.8	-1.2%	0.2%
9	91.9	-1.8%	3.7%
10	88.8	-0.9%	6.1%
11	87.5	3.8%	7.1%
12	89.6	4.3%	0.3%
13	88.1	4.2%	-9.1%
14	82.5	2.8%	-10.6%
15	91.4	-2.1%	-4.2%
16	84.0	-3.6%	-9.9%

2700K | Rf: 89.5 | Rg: 98.3

Color Vector Graphic

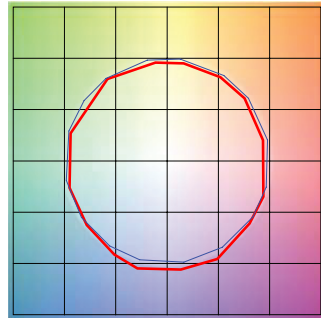


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	88.6	-5.2%	0.9%
2	90.3	-3.6%	2.9%
3	88.4	-1.5%	5.0%
4	91.9	-2.5%	1.4%
5	93.5	-0.9%	2.3%
6	95.7	0.9%	-0.4%
7	91.1	-3.7%	-0.5%
8	95.8	-2.0%	0.4%
9	90.5	-2.6%	4.5%
10	84.9	-1.1%	8.7%
11	85.0	2.3%	9.8%
12	88.1	5.5%	1.5%
13	90.9	2.9%	-5.2%
14	86.2	4.3%	-8.9%
15	90.7	-2.4%	-3.6%
16	83.0	-2.7%	-11.3%

3000K | Rf: 88.7 | Rg: 98.2

Color Vector Graphic

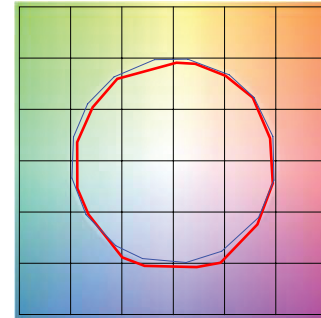


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	88.3	-5.2%	0.8%
2	90.2	-3.7%	2.7%
3	88.3	-1.6%	4.9%
4	92.2	-2.0%	1.8%
5	91.0	-3.5%	1.8%
6	95.8	0.4%	-0.4%
7	90.2	-4.4%	-0.0%
8	94.8	-2.6%	0.8%
9	89.2	-2.9%	6.0%
10	81.4	-1.5%	9.7%
11	82.9	2.3%	10.5%
12	88.3	6.7%	1.9%
13	91.9	2.8%	-4.0%
14	86.3	4.9%	-8.3%
15	87.1	-1.2%	-6.1%
16	83.2	-1.7%	-11.6%

3500K | Rf: 88.1 | Rg: 97.1

Color Vector Graphic

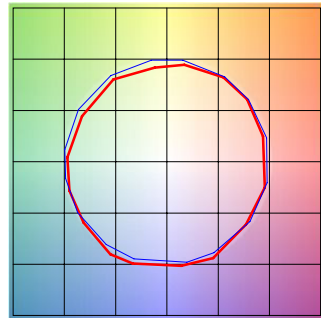


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	87.8	-5.2%	1.0%
2	90.8	-3.3%	2.3%
3	89.8	-1.6%	3.9%
4	91.0	-2.7%	0.9%
5	90.0	-5.4%	0.7%
6	95.6	-0.9%	-0.4%
7	90.0	-5.3%	1.4%
8	91.8	-3.6%	3.0%
9	87.1	-2.9%	7.3%
10	80.1	-1.3%	12.2%
11	81.8	4.1%	10.5%
12	88.2	5.1%	2.3%
13	92.4	2.1%	-3.8%
14	86.6	5.0%	-7.9%
15	86.2	-0.7%	-6.8%
16	84.5	-2.1%	-7.0%

4000K | Rf: 87.6 | Rg: 96.8 | CRI: 84

Color Vector Graphic



■ Test ■ Reference

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

PROJECT		FIXTURE TYPE		DATE	
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SUSPENSION TM30 DATA
24VDC LED MAKE-IT-YOUR-OWN SUSPENSION, STATIC WHITE AND WARM DIM

TM-30-15 DATA: The data below is for ST5A and ST7A bare LED Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2700D | Rf: 90.7 | Rg: 101.1
Color Vector Graphic

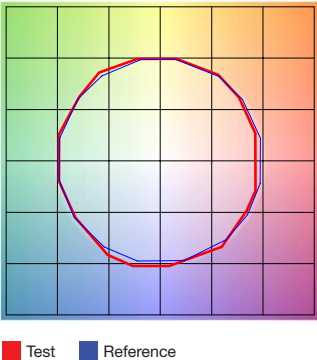


Table with 4 columns: HUE BIN, Rf, CHROMA, HUE. Rows 1-16 showing color shift percentages.

3000D | Rf: 90.6 | Rg: 101.1
Color Vector Graphic

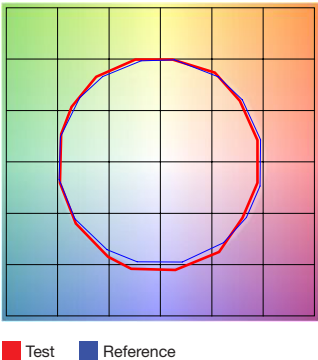


Table with 4 columns: HUE BIN, Rf, CHROMA, HUE. Rows 1-16 showing color shift percentages.

PROJECT | FIXTURE TYPE | DATE