

# CIRRUS MIYO HEXAGON WITH LIT CORNERS

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

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

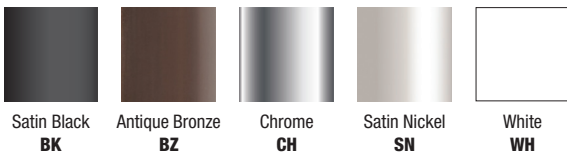
REV 04.15.22



### DESCRIPTION

Cirrus MIYO (Make-It-Your-Own) Hexagon LED Suspension combines clean, linear channels to create a geometric form that is both striking and balance. The Cirrus MIYO Hexagon 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 16" to 44" 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](mailto:design@PureEdgeLighting.com).

### FINISHES



### LENS

Diffused White Standard or High Efficiency Lens with 100° beam spread.

### LAMP

- Choose from multiple color temperatures from 2400K-4000K
- Warm Dim (optional): 2700K to 2000K (**27D**) or 3000K to 2000K (**30D**)
- 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

### APPLICATIONS

Designed for Indoor Use Only. Ideal Applications include commercial, architectural, retail and residential Environments.

### APPROVALS

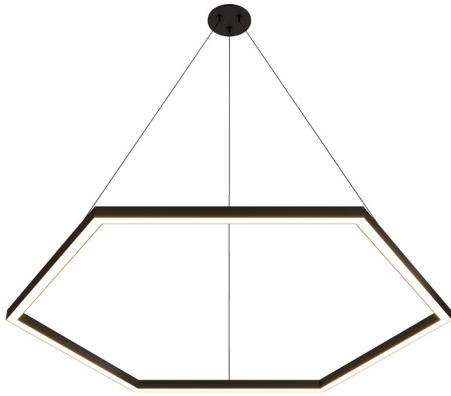
Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed, Made in America.

System	Type	Wattage Per Foot	Canopy	Nominal Size	Color Temperature	Finish
<b>CSDSP</b>	<b>HX</b>	<b>5W</b>	<b>C</b>	<b>16</b>	<b>27K</b>	<b>SN</b>
<b>CSDSP</b> Cirrus MIYO Standard Efficiency Diffused Lens, with Power* <b>CSDHP</b> Cirrus MIYO High Efficiency Diffused Lens, with Power* <b>CSDSR</b> Cirrus MIYO Standard Efficiency Diffused Lens, Remote Power, 4" Canopy <b>CSDHR</b> Cirrus MIYO High Efficiency Diffused Lens, Remote Power, 4" Canopy	<b>HX</b> Hexagon	<b>5W</b> 4.4 watt <b>7W</b> 7.3 watt	<b>C</b> Center Feed <b>E</b> End Feed	<b>Static White:</b> 16, 20, 25, 30, 35, 40, 44  <b>Warm Dim:</b> 19, 25, 31, 37, 43 <small>*Sizes are nominal, see chart for exact lengths</small>	<b>24K</b> 2400K Very Warm White <b>27K</b> 2700K Incandescent White <b>27D</b> 2700K Warm Dim (5W only) <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim (5W only) <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White	<b>BK</b> Satin Black <b>BZ</b> Antique Bronze <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>WH</b> White <b>BB</b> Satin Brass with Black Canopy <b>BW</b> Satin Brass with White Canopy

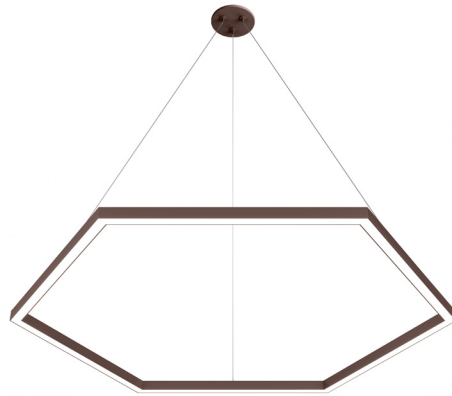
\*Power Canopies: 4" Round Flush Canopy up to 50 watts, 8" Surface Mount Canopy up to 96 watts

PROJECT	FIXTURE TYPE	DATE
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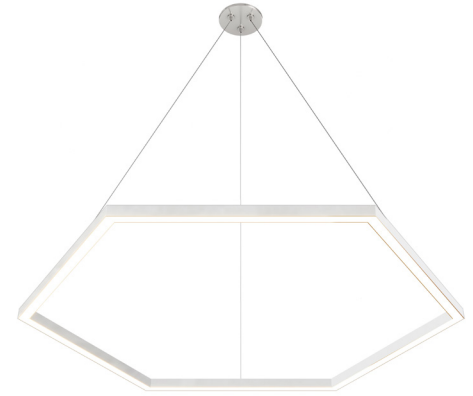
**FINISHES:** Finishes available for the Cirrus MIYO Hexagon LED Suspension with Power



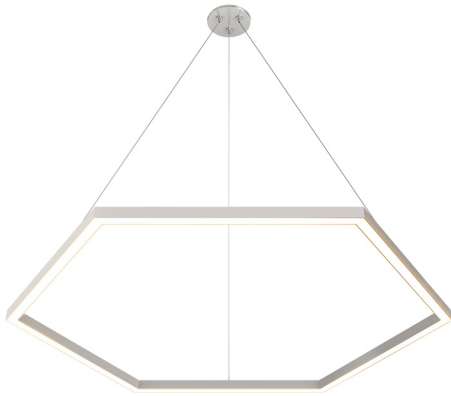
CSDSP-HX-5W-C-44-27K-BK



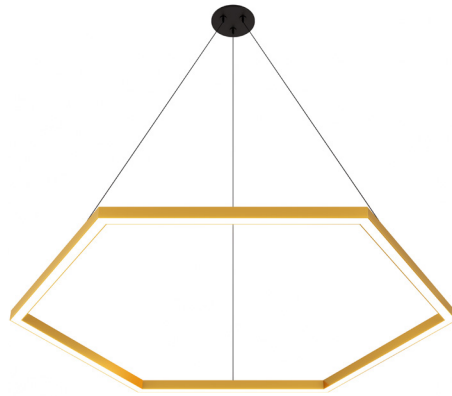
CSDSP-HX-5W-C-44-27K-BZ



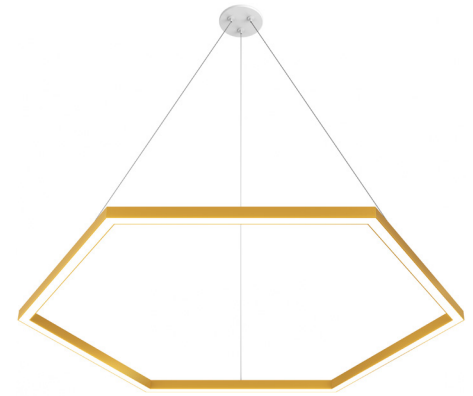
CSDSP-HX-5W-C-44-27K-CH



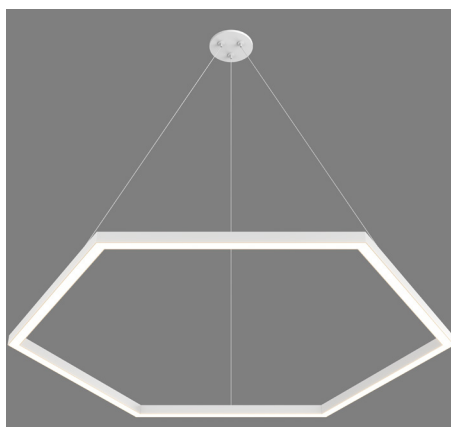
CSDSR-HX-5W-C-44-27K-SN



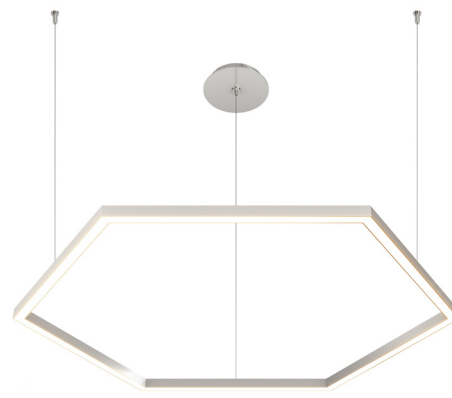
CSDSR-HX-5W-C-44-27K-BB



CSDSR-HX-5W-C-44-27K-BW



CSDSR-HX-5W-C-44-27K-WH



CSDSP-HX-5W-E-40-27K-SN

PROJECT	FIXTURE TYPE	DATE
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# CIRRUS MIYO HEXAGON WITH LIT CORNERS

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

**LAMP DATA:** Lamp data for Cirrus Suspension Downlight Channel

DESCRIPTION	CSDS											
	Standard Efficiency, 100° Diffused White Lens											
WATTS PER FOOT	5w (4.4 watts)						7w (7.3 watts)					
COLOR TEMPERATURE	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	231	253	314	277	314	317	345	377	414	453	518	563
LUMENS PER WATT (lm/w)	52	57	65	63	65	72	78	52	57	62	71	77
CRI	90+	95+	93+	95+	92+	85+	85+	90+	95+	95+	85+	85+

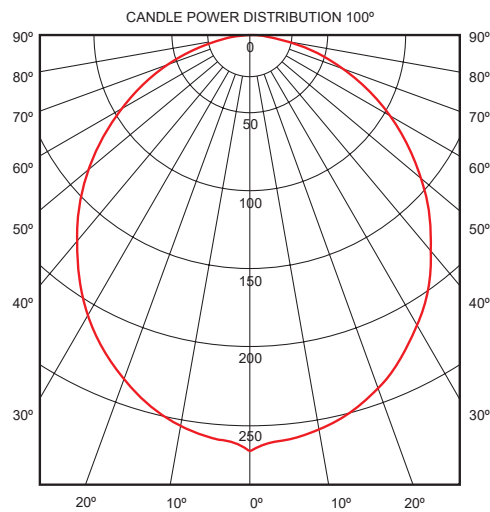
DESCRIPTION	CSDH											
	High Efficiency, 100° Diffused White Lens											
WATTS PER FOOT	5w (4.4 watts)						7w (7.3 watts)					
COLOR TEMPERATURE	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	277	304	377	332	376	380	414	452	497	543	622	676
LUMENS PER WATT (lm/w)	63	69	78	75	78	86	94	62	68	75	85	92
CRI	90+	95+	93+	95+	92+	85+	85+	90+	95+	95+	85+	85+

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

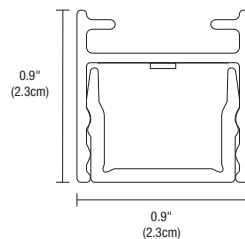
**LENGTH CHART:** Actual lengths for Cirrus MIYO Hexagon LED Suspension

STATIC WHITE					
Nominal Length (Inches)	Dim A (Inches)	Dim B (Inches)	Dim C (Inches)	Total Wattage (5W)	Canopy (5W)
16	7.76	13.45	15.53	18	4" Round
20	10.16	17.60	20.33	24	4" Round
25	12.56	21.76	25.13	30	4" Round
30	14.96	25.92	29.93	36	4" Round
35	17.36	30.07	34.73	42	4" Round
40	19.76	34.23	39.53	48	4" Round
44	22.16	38.39	44.33	54	8" Round Surface

WARM DIM (27D & 30D)					
Nominal Length (Inches)	Dim A (Inches)	Dim B (Inches)	Dim C (Inches)	Total Wattage (5W)	Canopy (5W)
19	9.56	16.56	19.13	23	4" Round
25	12.56	21.76	25.13	30	4" Round
31	15.56	26.96	31.13	38	4" Round
37	18.56	32.15	37.13	45	4" Round
43	21.56	37.35	43.13	53	8" Round Surface

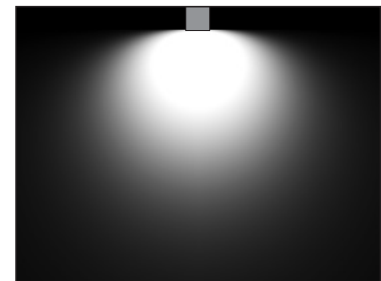


5 Watt 100°	
Distance	Foot Candles
1'	122
1.5'	80
2'	59
3'	38
4'	27
5'	20
6'	15
7'	12
8'	10



Channel (Actual Size)

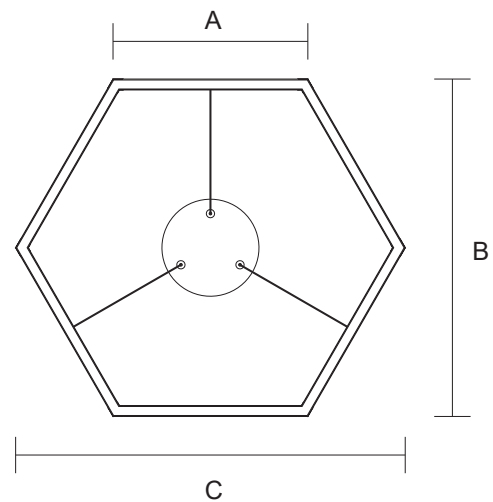
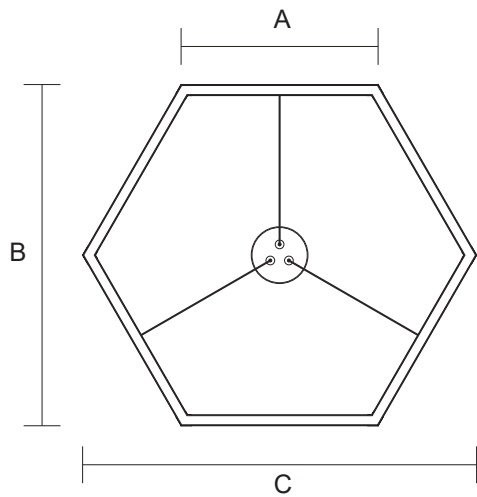
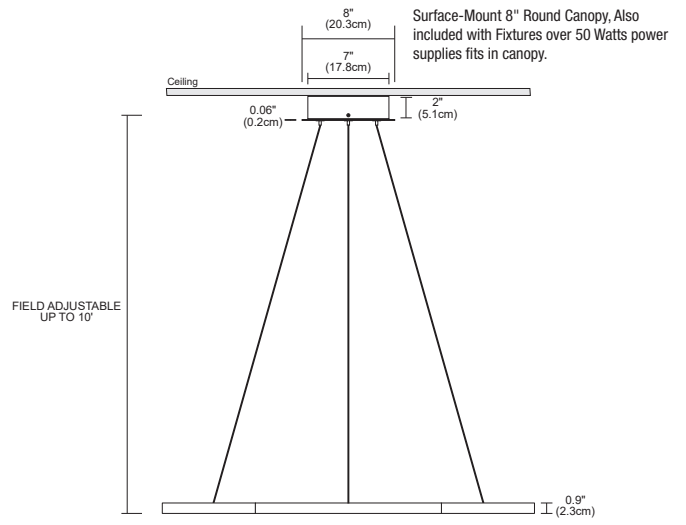
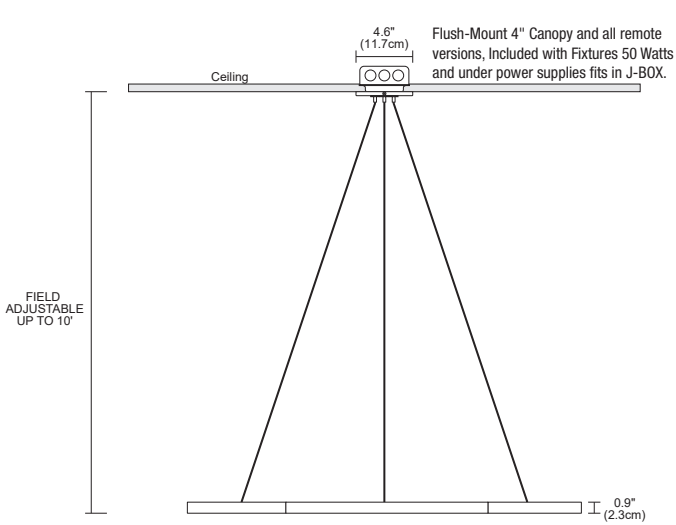
Beam Spread Chart CSDS  
3000K 7 Watt 100°



Diffused White Lens

PROJECT	FIXTURE TYPE	DATE
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**DRAWINGS:** Dimensions for the Cirrus MIYO Hexagon LED Suspension fixture



PROJECT		FIXTURE TYPE		DATE	
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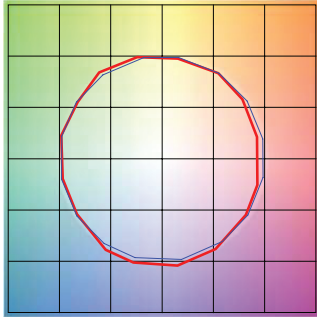
# TM30 DATA

24VDC 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.

**2200K** | Rf: 90.5 | Rg: 99.9

Color Vector Graphic

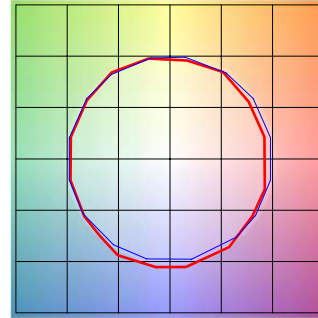


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	88.3	-5.2%	1.0%
2	90.1	-3.6%	3.7%
3	87.5	-0.5%	5.6%
4	93.9	-1.2%	1.3%
5	94.7	0.7%	2.1%
6	93.7	2.6%	0.7%
7	93.5	-1.5%	-2.2%
8	97.8	-0.4%	-0.2%
9	93.7	-1.5%	2.4%
10	90.8	-0.8%	4.9%
11	89.3	3.7%	5.4%
12	90.2	4.6%	1.0%
13	89.0	4.4%	-9.7%
14	75.4	0.6%	-15.1%
15	90.7	-1.7%	-5.0%
16	84.2	-4.4%	-9.1%

**2400K** | Rf: 90.2 | Rg: 99.3

Color Vector Graphic

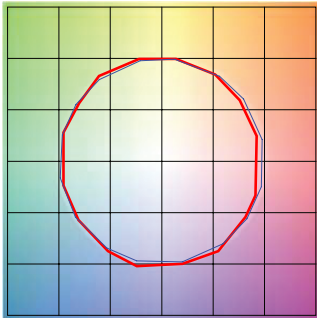


■ Test ■ Reference

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

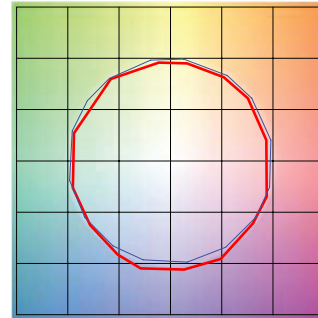


■ Test ■ Reference

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

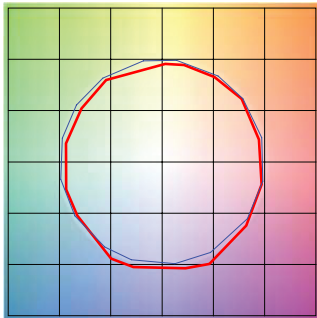


■ Test ■ Reference

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

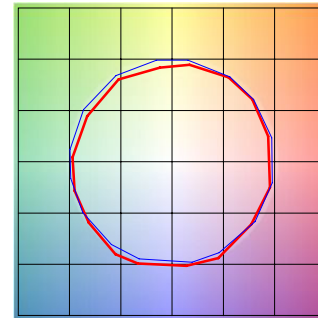


■ Test ■ Reference

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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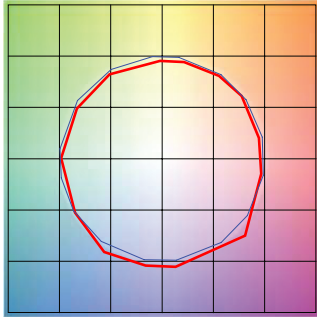
# TM30 DATA

24VDC 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.

**5700K** | Rf: 87.6 | Rg: 98.0

Color Vector Graphic

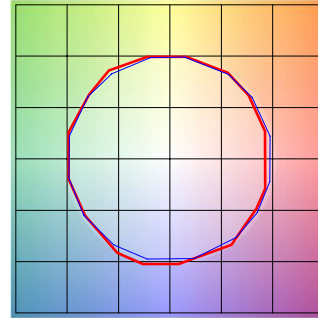


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	87.9	-3.9%	1.5%
2	92.3	-1.7%	2.7%
3	91.0	-1.2%	2.4%
4	91.5	-1.2%	1.6%
5	86.2	-5.9%	-0.4%
6	93.5	-3.2%	-0.2%
7	93.1	-3.8%	0.6%
8	85.9	-4.6%	5.9%
9	83.6	-4.0%	12.7%
10	75.8	-0.6%	13.6%
11	80.2	4.3%	10.4%
12	83.4	3.4%	1.8%
13	90.8	5.0%	-2.0%
14	91.8	1.3%	-3.3%
15	79.4	8.6%	-12.7%
16	93.4	-2.7%	-0.2%

**2700D** | Rf: 90.7 | Rg: 101.1

Color Vector Graphic

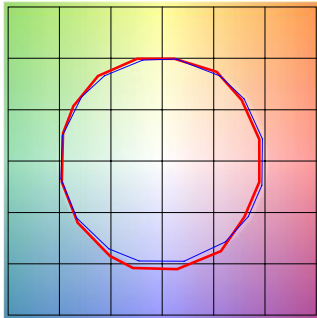


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	90.9	-4.1%	1.1%
2	91.8	-2.2%	3.2%
3	89.0	0.2%	5.0%
4	92.9	-1.1%	0.8%
5	93.9	1.1%	1.7%
6	93.3	3.3%	0.0%
7	93.1	-0.5%	-1.9%
8	97.2	-0.3%	-0.9%
9	93.4	-1.0%	3.2%
10	89.9	-0.1%	5.6%
11	87.0	4.7%	7.2%
12	89.2	5.8%	-0.2%
13	89.1	3.5%	-6.7%
14	86.3	4.1%	-9.2%
15	91.4	-2.0%	-3.6%
16	84.7	-2.1%	-10.3%

**3000D** | Rf: 90.6 | Rg: 101.1

Color Vector Graphic



■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	91.5	-3.5%	1.3%
2	92.2	-1.8%	3.0%
3	89.3	0.5%	4.8%
4	92.7	-1.1%	0.6%
5	93.3	0.5%	1.4%
6	93.8	2.7%	-0.8%
7	91.2	-2.1%	-0.2%
8	97.0	-0.5%	-0.7%
9	92.5	-0.7%	3.8%
10	88.3	0.9%	7.1%
11	87.5	3.9%	7.6%
12	88.2	6.2%	-0.2%
13	89.9	3.4%	-6.0%
14	86.9	4.4%	-8.5%
15	91.9	-1.9%	-2.9%
16	84.7	-1.3%	-10.6%

PROJECT	FIXTURE TYPE	DATE
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