CIRRUS MIYO Y, WITH LIT CORNERS
24VDC LED MAKE-IT-YOUR-OWN SUSPENSION, TUNABLE WHITE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

PURE EDGE LIGHTING

REV 03.22.22

DESCRIPTION

LED Suspension in Tunable White joins a trio of clean linear channels to create a minimalist geometric form with so many standard yet customized options. The diffused white 100° lens is offered in Standard or High Efficiency. Dynamic Tunable White 2000K-6500K **(2K6K)** or 2700K-6500K **(27K6)** grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Day Light White). **2K6K** is ideal for residential spaces including, dining rooms, bedrooms, living spaces, and bathrooms by allowing the user to achieve a warm glow during the golden hours of the early mornings and evenings. For commercial environments, **27K6** promotes focus and alertness which is ideal for offices, healthcare and education, while still achieving warmer color temperatures best for hospitality and retail environments. Human-Centric lighting, or tunable white, promotes performance, mood, and overall well-being by fine-tuning the emotional effects that light has on the circadian cycle. Requires two dimmers or, use our proprietary Tunable White Controller **(CDMX1)** for fast and accurate adjustment and three pre-set scenes (Ordered separately). Our MIYO family of fixtures and systems allow you to become the Lighting Designer; offered in multiple finishes and diameters from 17" to 194", and up to 95+ CRI rendering colors in their truest forms. The Cirrus MIYO Triangle gives you the ability to design the perfect fixture for any space. Order **CSD_P** with power supplies included in the Canopy or **CSD_R** with remote power supplies sold separately. Fixture includes a 5 year pro-rated warranty. For custom designs and layout assistance, email our design team design@PureEdgeLighting.com.

FINISHES
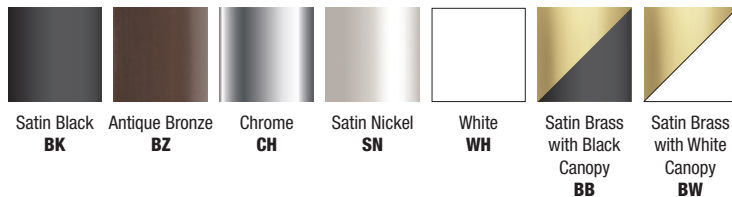
Satin Black **BK**	Antique Bronze **BZ**	Chrome **CH**	Satin Nickel **SN**	White **WH**	Satin Brass with Black Canopy **BB**	Satin Brass with White Canopy **BW**

LENS

- Diffused White Standard or High Efficiency Lens with 100° beam spread
- Optional Black or White Louver, call for quote

LAMP

- Tunable White: 2000K-6500K **(2K6K)** or 2700K-6500K **(27K6)** grants independent control for adjusting color temperature and intensity
- Power Consumed: 5 watts, 7 watts or 10 watts per foot
- 50,000 Hour Lamp Life

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

24VDC, Class 2 wiring

- **0-10V:** Requires two dimmers, one for intensity and one for kelvin color temperature
- **DMX** Dynamic Color Changing: Must be used with PureEdge Controllers

*In-Wall Mounting Kits available for select power supplies
**Tunable White - Requires two 0-10 dimmers, one for each kelvin diode or, use our proprietary Tunable White Controller CDMX-1

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.

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location, Title 24 JA8 listed for 2700K CCT and above when used with PureEdge remote Universal power supplies, Made in America.

System	Fixture	Wattage Per Foot	Canopy	Nominal Size In Inches (Diameter)	Color Temperature	Finish
CSDSR	Y	5W	C	60	2K6K	SN

System	Fixture	Wattage Per Foot	Canopy	Nominal Size In Inches (Diameter)	Color Temperature	Finish
CSDSR Cirrus MIYO Standard Efficiency Diffused Lens, Remote Power, 4" Canopy **CSDHR** Cirrus MIYO High Efficiency Diffused Lens, Remote Power, 4" Canopy	**Y** Y Shape	**5W** 5 watts	**C** Center Feed	14, 18, 23, 27, 31, 35, 43, 52, 60, 73, 85, 97, 114, 127, 139, 152, 156, 160, 164, 168	**2K6K** Tunable White 2000K-6500K **27K6** Tunable White 2700K-6500K	**BK** Black **BZ** Antique Bronze **CH** Chrome **SN** Satin Nickel **WH** White **BB** Satin Brass with Black Canopy **BW** Satin Brass with White Canopy

Maximum shipping length for chrome is 84"

PROJECT		FIXTURE TYPE		DATE	

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PURE EDGE LIGHTING

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Finishes: Finishes available for the Cirrus MIYO Y LED Suspension fixture

CSDSP-Y-5W-C-60-2K6K-BB

CSDSP-Y-5W-C-60-2K6K-BK

CSDSP-Y-5W-C-60-2K6K-CH

CSDSR-Y-5W-C-60-2K6K-SN

CSDSR-Y-5W-C-60-2K6K-WH

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CIRRUS MIYO Y, WITH LIT CORNERS
24VDC LED MAKE-IT-YOUR-OWN SUSPENSION, TUNABLE WHITE

Lamp Data: Lamp data for Cirrus MIYO Y LED Suspension

	CSDSN														
DESCRIPTION	Standard Efficiency, 100° Diffused White Lens without Louver														
WATTS PER FOOT	5w (4.4 watts)									7w (7.3 watts)					
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	226	251	275	341	301	341	345	375	399	369	409	450	492	563	612	652
LUMENS PER WATT (lm/w)	51	57	62	71	68	71	78	85	90	51	56	62	68	77	84	89
CRI	85+	90+	95+	93+	95+	92+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+

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

	CSDHN														
DESCRIPTION	High Efficiency, 100° Diffused White Lens without Louver														
WATTS PER FOOT	5w (4.4 watts)									7w (7.3 watts)					
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	271	301	330	409	361	409	413	450	478	443	491	540	590	676	735	782
LUMENS PER WATT (lm/w)	62	68	75	85	82	85	94	102	108	61	67	74	81	93	100	107
CRI	85+	90+	95+	93+	95+	92+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+

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

	CSDWN														
DESCRIPTION	100° Diffused White Lens with White Louver														
WATTS PER FOOT	5w (4.4 watts)									7w (7.3 watts)					
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	178	198	217	269	237	269	272	296	314	291	323	355	388	444	483	514
LUMENS PER WATT (lm/w)	40	45	49	56	54	56	62	67	71	40	44	49	53	61	66	70
CRI	85+	90+	95+	93+	95+	92+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+

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

	CSDBN														
DESCRIPTION	100° Diffused White Lens with Black Louver														
WATTS PER FOOT	5w (4.4 watts)									7w (7.3 watts)					
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	139	155	170	210	185	210	212	231	246	227	252	278	303	347	378	402
LUMENS PER WATT (lm/w)	32	35	38	44	42	44	48	52	56	31	35	38	42	48	52	55
CRI	85+	90+	95+	93+	95+	92+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+

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

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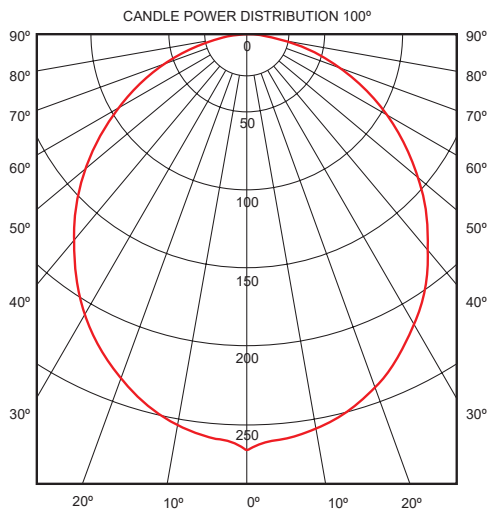
5 Watt 100°	
Distance	Foot Candles
1'	122
1.5'	80
2'	59
3'	38
4'	27
5'	20
6'	15
7'	12
8'	10

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

Beam Spread Chart
CCD1 3000K 5 Watt 100°

0.9" (2.3cm)
0.9" (2.3cm)
Channel With Louver (Actual Size)

0.9" (2.3cm)
0.9" (2.3cm)
Channel Without Louver (Actual Size)

Diffused White Lens

PROJECT		FIXTURE TYPE		DATE	

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CIRRUS MIYO Y, WITH LIT CORNERS
24VDC LED MAKE-IT-YOUR-OWN SUSPENSION, TUNABLE WHITE

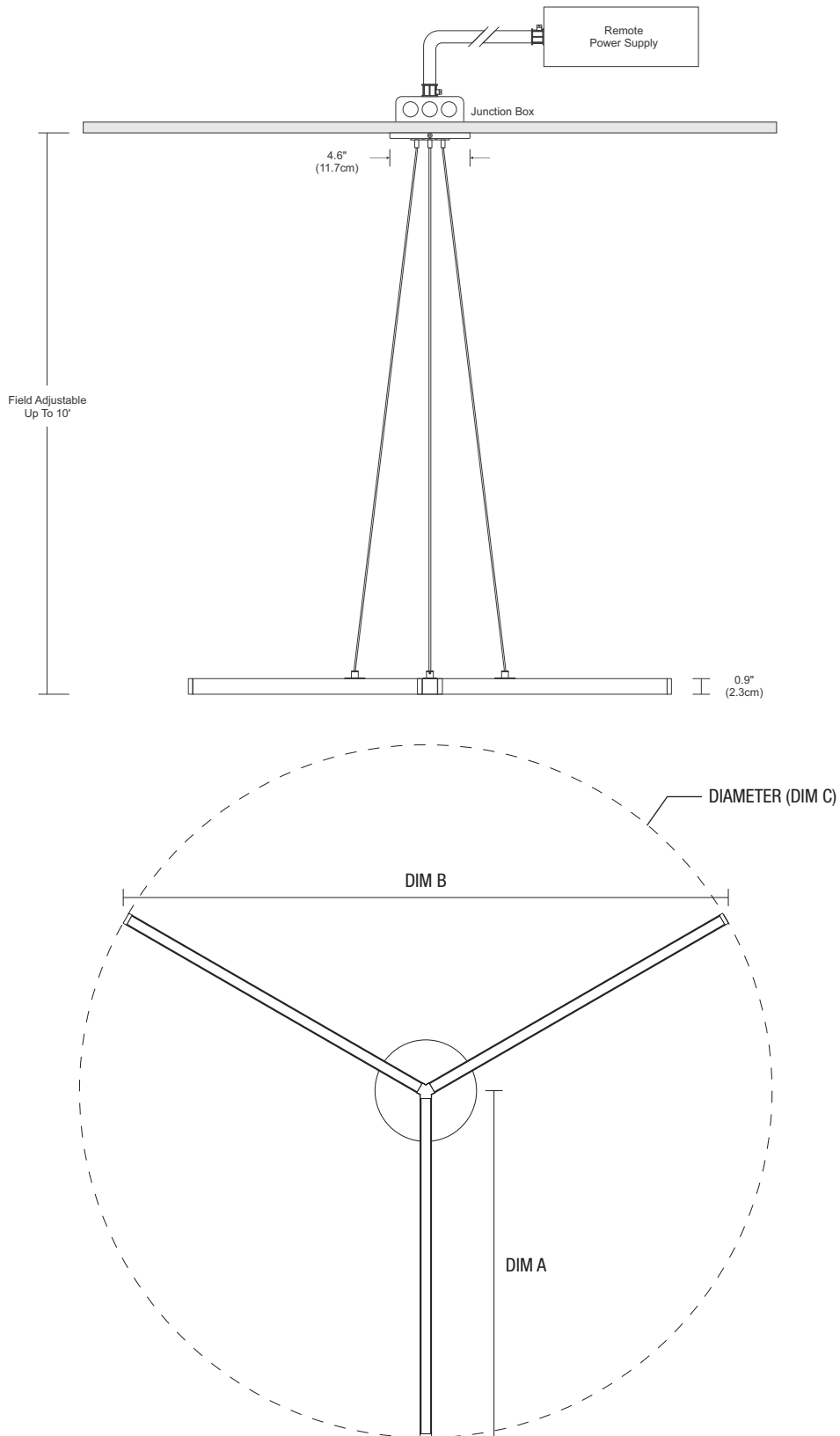**Length Chart:** Actual lengths for Cirrus MIYO Y LED Suspension

Nominal Length (Inches)	Dim A (Inches)	Dim B (Inches)	Dim C (Inches)	Total Wattage Down (5W)	Total Wattage (7W)
14	8.27	14.33	16.54	9	14
18	10.67	18.48	21.34	12	18
23	13.07	22.64	26.14	15	23
27	15.47	26.80	30.94	18	27
31	17.87	30.95	35.74	21	32
35	20.27	35.11	40.54	24	36
43	25.07	43.42	50.14	30	45
52	29.87	51.74	59.74	36	54
60	34.67	60.05	69.34	42	63
73	41.87	72.52	83.74	51	77
85	49.07	84.99	98.14	60	90
97	56.27	97.46	112.54	69	104
114	65.87	114.09	131.74	81	122
127	73.07	126.56	146.14	90	135
139	80.27	139.03	160.54	100	149
152	87.47	151.50	174.94	108	162
156	89.87	155.66	179.74	111	
160	92.27	159.82	184.54	114	
164	94.67	163.97	189.34	117	
168	97.07	168.13	194.14	120	

PROJECT		FIXTURE TYPE		DATE	

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CIRRUS MIYO Y, WITH LIT CORNERS
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Drawings: Dimension drawings of the Cirrus MIYO Y LED Suspension, Center Feed

Remote
Power Supply

Junction Box

4.6"
(11.7cm)

Field Adjustable
Up To 10'

0.9"
(2.3cm)

DIAMETER (DIM C)

DIM B

DIM A

PROJECT		FIXTURE TYPE		DATE	

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SUSPENSION TM30 DATA
24VDC LED MAKE-IT-YOUR-OWN SUSPENSION, TUNABLE WHITE

PURE EDGE LIGHTING

REV 03.22.22

TM-30-15 DATA: The data below is for ST5A 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.
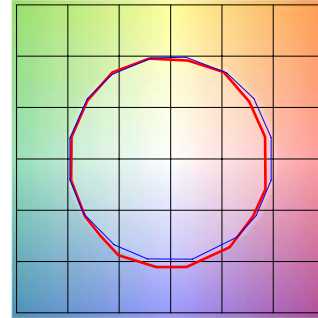
2200K | Rf: 90.5 | Rg: 99.9
Color Vector Graphic
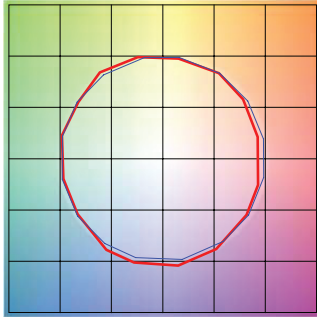
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % 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

HUE BIN	Rf	GRAPHIC SHIFTS % 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
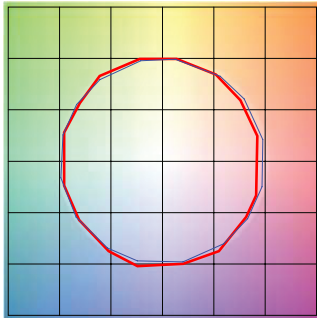
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % 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
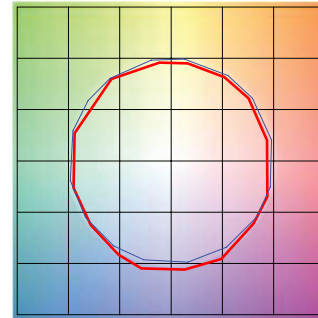
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % 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
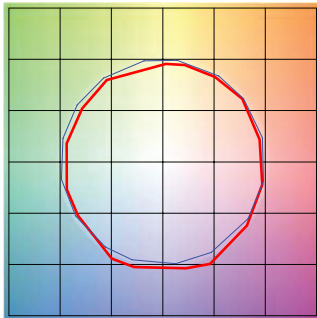
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % 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: 86.5 | Rg: 96.9
Color Vector Graphic
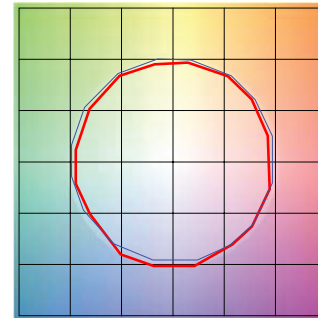
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	87.1	-5.2%	1.1%
2	90.4	-2.9%	2.5%
3	89.1	-1.9%	4.1%
4	89.1	-2.9%	1.0%
5	88.8	-5.1%	0.4%
6	94.0	-2.1%	-0.4%
7	89.8	-5.6%	1.3%
8	88.1	-4.6%	4.5%
9	83.0	-3.5%	10.8%
10	77.5	-1.9%	12.6%
11	79.0	4.8%	12.0%
12	89.0	4.8%	2.8%
13	89.1	5.2%	-4.6%
14	91.6	0.8%	-3.1%
15	83.2	0.6%	-9.0%
16	83.1	-1.6%	-7.8%

PROJECT		FIXTURE TYPE		DATE	

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SUSPENSION TM30 DATA
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PURE EDGE
L I G H T I N G

TM-30-15 DATA: The data below is for ST5A 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.

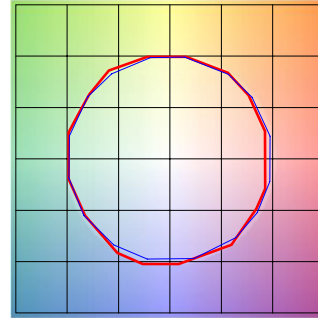### 5700K | Rf: 87.6 | Rg: 98.0
Color Vector Graphic
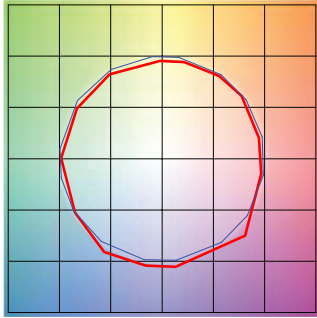
Test ■ Reference ■

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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 ■

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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
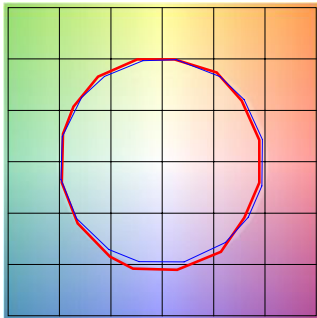
Test ■ Reference ■

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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%

6500K ONLY (27K6) | Rf: 86.8 | Rg: 96.8
Color Vector Graphic
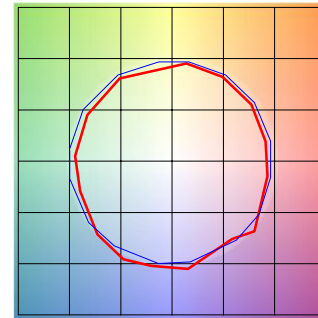
Test ■ Reference ■

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	86.5	-4.7%	0.8%
2	91.9	-2.5%	3.1%
3	91.2	-2.0%	1.9%
4	91.2	-1.6%	1.4%
5	85.7	-6.2%	-0.9%
6	92.9	-3.5%	-1.0%
7	92.1	-4.7%	0.7%
8	85.2	-5.8%	4.9%
9	82.8	-6.2%	14.3%
10	77.1	-0.7%	15%
11	72.1	5.8%	14.1%
12	91.6	4.0%	1.0%
13	89.9	5.6%	-2.3%
14	90.5	-1.8%	-3.7%
15	81.6	6.5%	-13.9%
16	92.8	-3.6%	-0.4%

PROJECT		FIXTURE TYPE		DATE	

www.PureEdgeLighting.com | Phone: 773.770.1195 | 1718 W. Fullerton Ave. Chicago, IL 60614
For custom design and layout assistance, send drawings to design@PureEdgeLighting.com

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