

LAZER LINE LENS DIRECT OR DIRECT/INDIRECT

PURE EDGE Pure Smart Lighting



SUSPENDED LED LIGHTING SYSTEM, 24VDC - REMOTE POWER

DESIGNED BY DEREK PORTER and GREGORY KAY I ASSEMBLED IN AMERICA

REV 05.07.25



An original, ground-breaking product design from PureEdge Lighting – backed by over 30 years of precision manufacturing.

DESCRIPTION

Lazer Line Lens is the new addition to the original, tension-hung, turnbuckle LED suspension system pioneered by PureEdge Lighting. Available as a direct and/or indirect, featuring a 0.8" diameter polycarbonate diffusing lens with opaque black or white options that can be cut in the field and easily clipped onto the stainless steel tape. The turnbuckles can be mounted wall to wall, ceiling to floor, or ceiling to wall. The turnbuckles allow Lazer Line Lens to be positioned 0-90° relative to the mounting surface, creating a 3-dimensional appearance that is as functional as it is visually interesting. Both turnbuckle canopies mount to a standard 4" square junction box; the 2" canopy is supplied with a plaster round ring. Canopies may be painted to blend into the wall/ceiling for a seamless look. For compact shipment and storage, Lazer Line coils like a retractable tape measure; when uncoiled, Lazer Line becomes a 0.6" wide channel that traverses virtually any flat surface. The channel and lens are easily cut in the field. For longer runs, feed power from both ends. For custom designs and quotes, send drawings to: design@PureEdgeLighting.com.

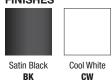
APPLICATIONS

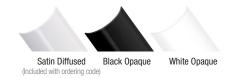
Designed for indoor use only. Wherever direct and indirect light sources can be used such as offices, hallways, hotels, restaurants and retail environments.

NOMINAL LUMEN PERFORMANCE AT 3000K 5W/FT

LUMEN OUTPUT	233 lm/ft	
EFFICIENCY	48 lm/w	
CRI	95+	
Rf	88	
Rg	99	
BEAM ANGLE	120°	

FINISHES





SPECIFICATIONS

INPUT VOLTAGE 24VDC remote power POWER CONSUMPTION LZL: 3 or 5 w/ft

JWER CONSUMPTION LZL: 3 OF 5 W/IL

LZLUD: 6W (3W up + 3W down) or 10 W/ft

(5W up + 5W down)

ORDERING INCREMENTS 1 ft

MAXIMUM LENGTHS LZL: 3W-60' 5W-40'

LZLUD: 6W-30' 10W-20' with power feeds at

both ends

MOUNTING: Your choice of 2.7" or 4.5" diameter, flush

mount, adjustable turnbuckles included

OPERATING TEMP -4°F to 122°F (-20°C to 50°C)

LEDs/ft 168
AVERAGE LED LIFE 50,000 hrs
WARRANTY 5 Year Pro-rated

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

24VDC, Class 2 wiring

Static White & Monochromatic Color

- Pure Smart[™] WiZ Pro Power Supplies & Controls
- UNI Driver: Universal Dimming (TRIAC, ELV, 0-10V) ELV & TRIAC Smart Dimmer & Switch

Tunable White

- Pure Smart[™] WiZ Pro <u>Power Supplies</u> & <u>Controls</u>
- 0-10V Requires two dimmers, one for intensity and one for color temperature
- DMX & Controls
- DALI/DALI-2

RGB

- DMX & Controls
- DALI/DALI-2

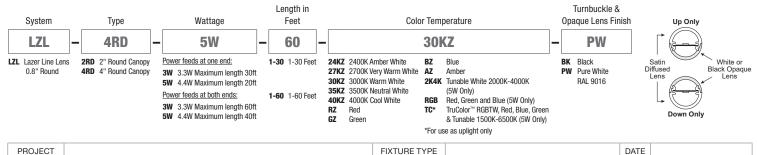
RGBTW

- Home Integration Solutions
- Pure Smart[™] WiZ Pro <u>Power Supplies</u> & <u>Controls</u>
 *In-Wall Mounting and drop ceiling Kits available for select power supplies

APPROVALS/COMPLIANCE

USA Patent, ETL, Class 2, Damp Rated

LAZER LINE LENS, SINGLE STRIP DIRECT (USED AS UP OR DOWN)



LAZER LINE LENS DIRECT OR DIRECT/INDIRECT

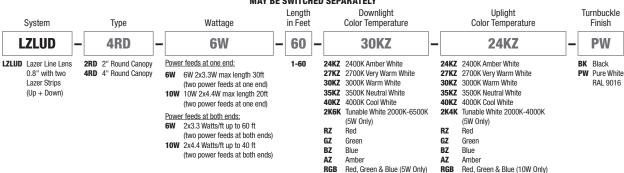
SUSPENDED LED LIGHTING SYSTEM, 24VDC - REMOTE POWER

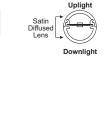




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LAZER LINE LENS, TWO STRIPS (COMBINED UP & DOWN LIGHT) MAY BE SWITCHED SEPARATELY





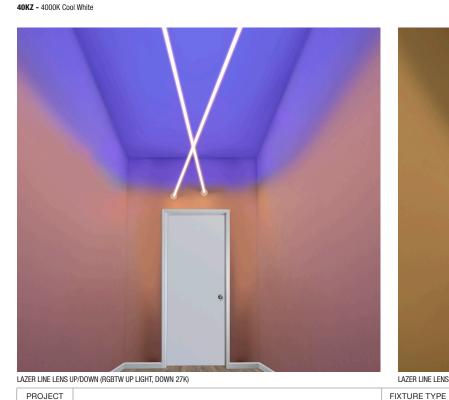






*TC for Uplight Only

TruColor™ RGBTW, Red, Blue, Green & Tunable 1500K-6500K (10W Only)





DATE

www.PureEdgeLighting.com | Phone: 773.770.1195 | 1718 W. Fullerton Ave. Chicago, IL 60614

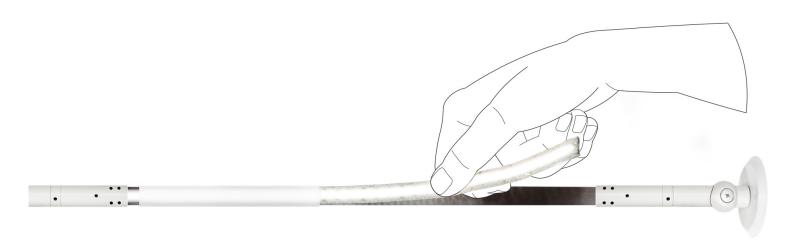


LAZER LINE LENS DIRECT OR DIRECT/INDIRECT SUSPENDED LED LIGHTING SYSTEM, 24VDC - REMOTE POWER

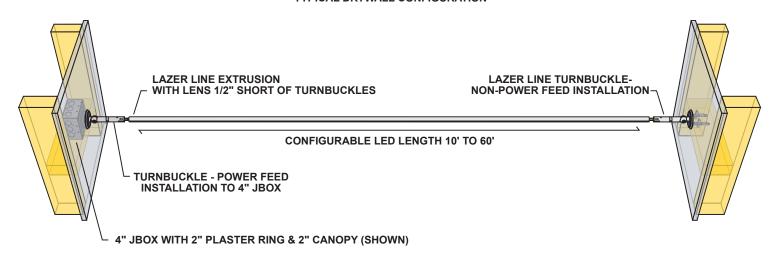


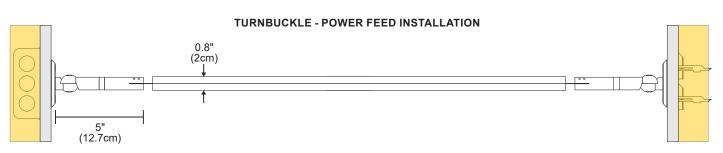


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TYPICAL DRYWALL CONFIGURATION





TURNBUCKLE - POWER FEED INSTALLATION

TURNBUCKLE - NON-POWER FEED INSTALLATION (IF APPLICABLE)

PROJECT FIXTURE TYPE DATE

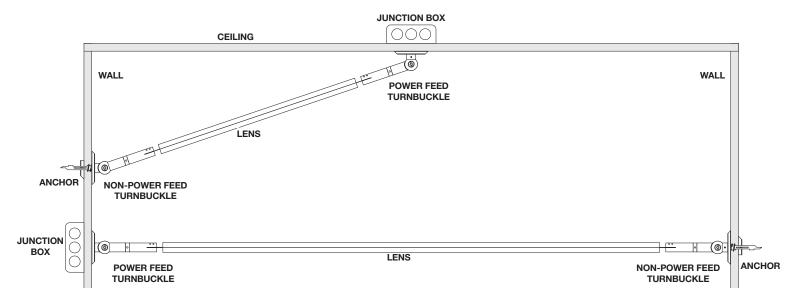


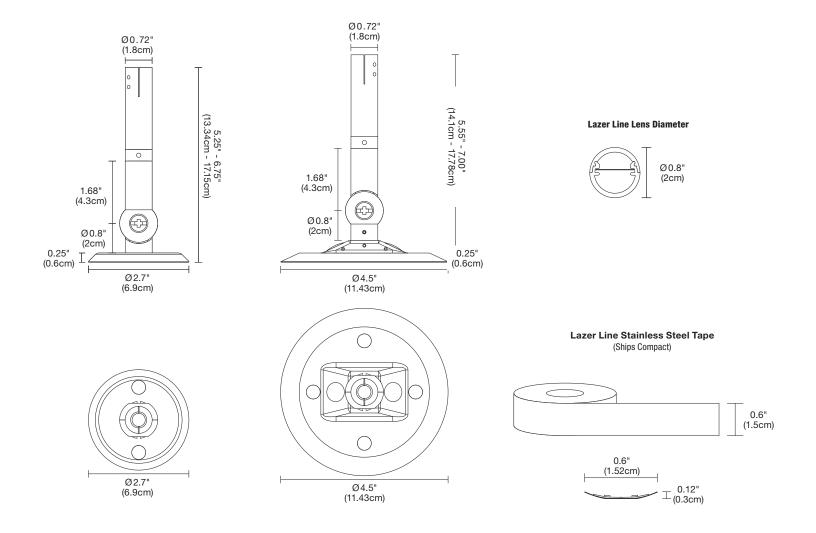
LAZER LINE LENS DIRECT OR DIRECT/INDIRECT SUSPENDED LED LIGHTING SYSTEM, 24VDC - REMOTE POWER





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PROJECT	FIXTURE TYPE	DATE	



LAZER LINE LENS DIRECT OR DIRECT/INDIRECT SUSPENDED LED LIGHTING SYSTEM, 24VDC - REMOTE POWER





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NOMINAL DELIVERED LUMENS Lamp Data for Direct

		LS3				LS5				
WATTS PER FOOT		3.3 watts				4.4 watts				
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (Im/ft)	160	169	228	228	247	201	213	286	287	310
LUMENS PER WATT (Im/w)	48	51	69	69	75	46	48	65	65	70
CRI	90+	95+	95+	85+	85+	90+	95+	95+	85+	85+

		2К6К							
WATTS PER FOOT		LS5 (4.4 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (Im/ft)	124	154	194	224	249	261	221	144	144
LUMENS PER WATT (Im/w)	35	35 36 55 63 70 37 38 37 42							
CRI	81+	87+	90+	90+	90+	93+	92+	92+	93+

NOMINAL DELIVERED LUMENS Lamp Data for Indirect

		LS3					LS5			
WATTS PER FOOT		3.3 watts				4.4 watts				
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (Im/ft)	180	180 191 257 257 278				226	240	322	324	349
LUMENS PER WATT (Im/w)	55					51	55	73	74	79
CRI	90+	90+ 95+ 95+ 85+ 85+					95+	95+	85+	85+

		TUNABLE WHITE 2K4K LAZER STRIP							
WATTS PER FOOT		LS5 (4.4 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K		
LUMENS PER FOOT (Im/ft)	87	124	160	196	233	191	148		
LUMENS PER WATT (Im/w)	34	34 40 43 46 48 52							
CRI	94	83+	92+	92+	96	94+	93		

		5W5 5W RGB & 5W TUNABLE WHITE							
DESCRIPTION									
WATTS PER FOOT					5W Tunable White				
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (Im/ft)	121	182	221	248	256	270	291	205	188
LUMENS PER WATT (Im/w)	45	40	51	58	60	62	69	69	79
CRI	92+	94+	95+	95+	96+	97+	97+	92+	90+
Duv	-0.004	-0.0012	-0.0034	-0.0058	-0.0055	-0.0033	-0.0014	-0.0049	-0.0063
Rf	91	93	94	94	95	94	94	92	90
Rg	105	101	103	105	104	102	100	102	103
R9	90	90	90	94	97	97	91	81	70
R13	92	94	95	95	94	96	99	90	87
R15	99	99	99	98	97	97	97	89	85
WATTS/FOOT	2.7	4.55	4.35	4.25	4.25	4.35	4.2	2.95	2.4

	TOTAL WATTAGE							
Total Feet	3W (3.3 Watts/ft)	5W (5 Watts/ft)	6W (2x3 Watts/ft)	10W (2x5 Watts/ft)				
5'	17	22	34	44				
10'	33	44	66	88				
15'	50	66	100	132				
20'	66	88	132	176				
25'	83	110	166	220				
30'	99	132	198	264				
35'	115	175	230	350				
40'	132	196	264	392				
45'	149	-	298	-				
50'	165	-	330	-				
55'	181	-	362	-				
60'	198	-	396	-				

Lengths over 100 watt, require feeding from both ends.

PROJECT	FIXTURE TYPE	DATE

PURE SMART™ Wi-Fi 120V ROOM CONTROLLER

CONNECTED BY WIZ PRO





REV 05.07.25



DESCRIPTION:

The Pure Smart™ Wi-Fi Room Controller works with any WiZ Connected Smart fixtures/lamps. The Room Controller grants independent adjustment of both color temperature and intensity, as well as scene selection for Single Channel/Static, Tunable White, and TruColor™ RGBTW Fixtures. Four preset scenes can be associated with the room controller via the WiZ App. Custom scenes can be created using multiple layers of light, colors, and can include Pure Smart Wi-Fi Dimmer and Switch as well. No Hub required. Room Controller communicates with fixtures directly on the Local Area Network allowing for control even if the Wi-Fi goes down. Compatible with WiZ Connected fixtures only. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@ PureEdgeLighting.com.

OPERATION

Features ON/OFF buttons, CCT and brightness control rockers, and 4 preset/ custom scene selections. Maximum output of 600W for hardwired WiZ Connected devices. No load restriction when load wire is not used and devices are connected wirelessly to Room Controller. Communicates with 2.4GHz Wi-Fi only. No Hub Required.

EASY INSTALLATION

The Pure Smart™ Wi-Fi Room Controller installs just like a traditional dimmer. 120V power is all that is needed. Switch leg is optional for CWW-TW-SCENE-WH. This is also offered in a completely wireless version (See Pure Smart Remote Room Controller CWR-TW-SCENE-WH). Compatible with standard gangable boxes. Requires neutral wire. No Hub Required.

WiZ APP

The Room Controller is added as an accessory in the WiZ app (Available on iOS or Android) and communicates directly to the WiZ enabled light fixture via direct wi-fi signal on Local Area Network (LAN). Voice control enabled when used in conjunction with Google Assistant, Siri, Alexa, IFTTT, and SmartThings. Grouping, zoning, scheduling, and custom scenes can all be programmed with the WiZ app or WiZ Pro Dashboard.

BODY

Durable polycarbonate body, compatible with decorator style wall plate (not included).

SECURITY

3rd party log-in and cloud security provide a safe and protected connection. WiZ does not store nor share any personal information.

SPECIFICATIONS

Approved Location Dry / Indoor
Input Voltage 120Vac - 60 Hz
Certification CULus. FCC

Compatible Load(s) WiZ Connected products only

Maximum Power 600W (Hardwired Loads),

No Maximum for Wireless Loads

Output Current 5A

Power Consumption Relay OFF: 0.07W

Soft OFF: 0.79W

ON: 0.79W

Dimming Dims to 3%

Operating Temperature 23°F~113°F (-5°C~45°C)

Wireless Frequency 2.4GHz
Wireless Standard IEEE 802.11
Warranty 3 Year



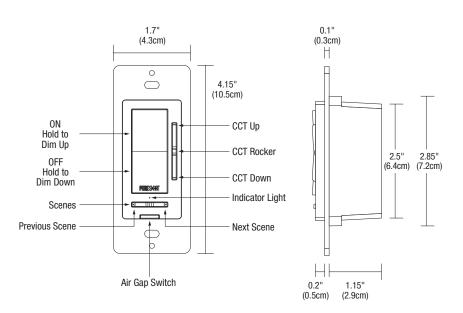












PROJECT FIXTURE TYPE DATE



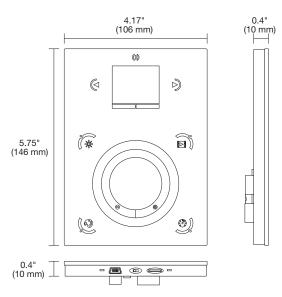
COLOR TOUCH SCREEN CONTROLLER FOR RGBTW, TUNABLE WHITE, RGB & RGB+W



REV 05.07.25







DESCRIPTION

Full touch controller offers fast and accurate color tone adjustment and independent brightness control. The 10 zone controller can adjust RGBTW, Tunable White, RGB and RGBW LEDs smoothly and accurately. Independent smooth dimming of each channel enables the controller to achieve millions of colors. For indoor applications only, and includes a Power Adapter to

operate the controller. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

FEATURES AND BENEFITS KEY FEATURES:

- · Sleek glass design which sits 11mm from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control
- RS232, Dry Contact Ports and an Infra Red input port
- Clock and calendar with Sunrise/Sunset triggering
- Network communication. Control lighting remotely
- Catalog of designs including black and white glass
- OEM customization of the color palette and logo
- Windows/Mac software to set dynamic colors/effects
- iPhone/iPad/Android remote and programming apps

APPLICATIONS

Indoor

POWER ADAPTER

9VDC 0.65A (included)

POWER INPUT

7VDC 0.6A

OUTPUT SIGNAL

DMX512 1,024 channels total

INPUT SIGNAL

Universal IR receiver (Sold Separately), RS232, Contact Closure, Live Computer Link, DMX512. WiFi

CONNECTIONS

USB, Ethernet, RS232, Clock, 8 dry contact ports, open drain output

MEMORY

microSD (32GB Max)

COMPUTER AND MOBILE DEVICE REQUIREMENTS IPHONE/IPAD/ANDROID:

The controller may be used with any of the following apps: DMX Lightpad 3, Easy Remote and Arcolis may be downloaded from App Store or Google Play.

ESA PRO SOFTWARE (WINDOWS ONLY, TIMELINE AND MULTI-ZONE):

Windows ME, XP, Vista, 7 or 8 (32 bits and US 2.0, computer connection required for initial setup only.)

ESA2 SOFTWARE (WINDOWS/MAC, SINGLE ZONE):

Windows ME, XP, Vista, 7 or 8

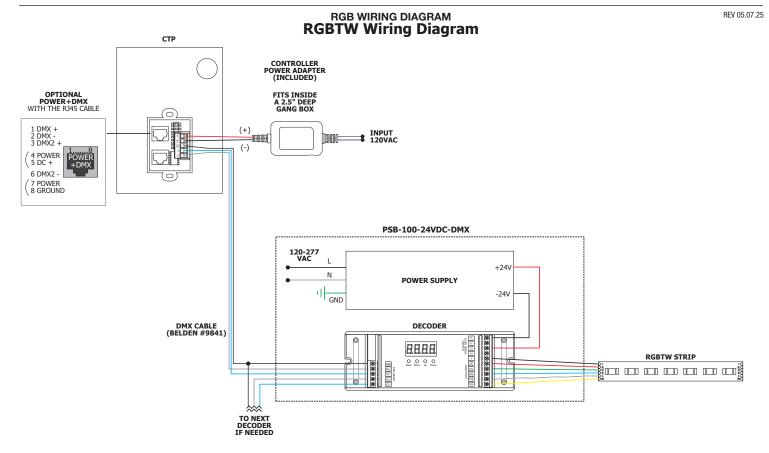
Mac OS X 10.7 (Lion), 10.8 (Mountain lion), 10.9 (Mavericks), 10.10 (Yosemite)

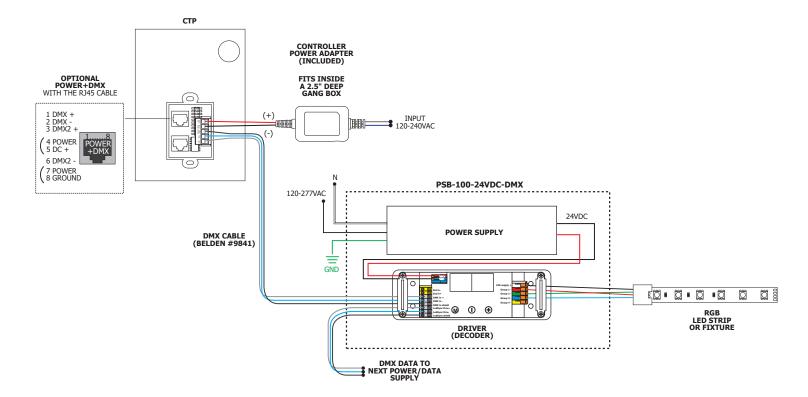


PROJECT. FIXTURE TYPE DATE



LIGHTING





Tunable White Wiring Diagram

PROJE	CT	FIXTURE TYPE	DATE

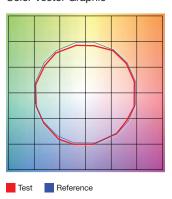




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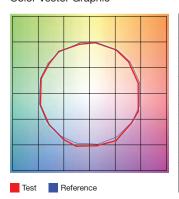
TM-30-15 DATA: The data below is for Lazer Strip bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

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



		GRAPHIC	SHIFTS %
HUE BIN	Rf	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%

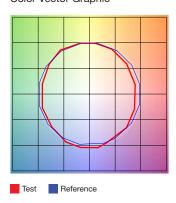
3000K | Rf: 88.1 | Rg: 99.7 Color Vector Graphic



		GRAPHIC SHIFTS %					
HUE BIN	Rf	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%				

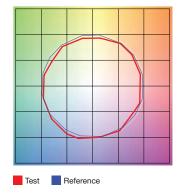
2000K ONLY (2K6K) | Rf: 84.3 | Rg: 96.9

Color Vector Graphic



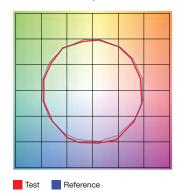
		GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE		
1	80.3	-8.9%	1.7%		
2	79.7	-7.0%	7.8%		
3	78.9	-2.9%	10.0%		
4	89.5	-0.5%	5.1%		
5	94.4	0.7%	1.7%		
6	92.1	2.4%	-0.3%		
7	89.4	-2.4%	-5.9%		
8	89.7	-6.4%	-0.2%		
9	86.0	-4.9%	4.6%		
10	81.8	-3.4%	9.3%		
11	83.1	3.3%	9.7%		
12	85.8	5.6%	3.3%		
13	85.6	6.2%	-12.8%		
14	61.7	-1.9%	-19.0%		
15	79.7	-3.3%	-12.9%		
16	78.1	-7.9%	-10.6%		

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



		GRAPHIC SHIFTS %			
HUE BIN	Rf	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%			

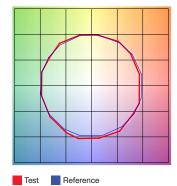
3500K | Rf: 86.1 | Rg: 95.5 Color Vector Graphic



		GRAPHIC SHIFTS %			
HUE BIN Rf		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%		

3000K (2K6K) | Rf: 90.2 | Rg: 101.4

Color Vector Graphic



		GRAPHIC SHIFTS %				
HUE BIN	Rf	CHROMA	HUE			
1	90.9	-3.8%	1.3%			
2	91.7	-1.9%	3.3%			
3	88.7	0.7%	5.1%			
4	92.4	-1.0%	0.7%			
5	92.9	0.9%	1.7%			
6	93.1	3.3%	-0.6%			
7	91.0	-1.8%	-0.4%			
8	97.0	0.2%	-1.1%			
9	92.8	-0.5%	3.6%			
10	88.3	1.0%	7.0%			
11	87.1	3.8%	7.8%			
12	87.6	6.5%	-0.3%			
13	89.3	3.6%	-6.3%			
14	86.1	4.5%	-9.1%			
15	91.6	-1.9%	-3.1%			
16	83.8	-1.5%	-11.2%			

PROJECT		FIXTURE TYPE		DATE	
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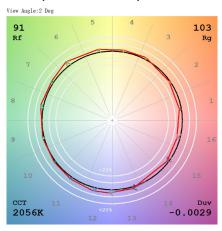




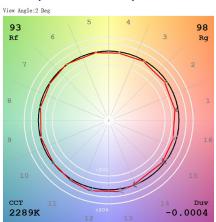
EV 05.07.25

TM-30-15 DATA: The data below is for TruColor™ RGBTW (S5W7) 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.

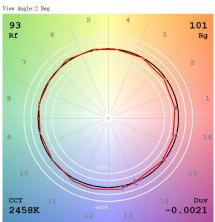
2000K (TruColor™ RGBTW)



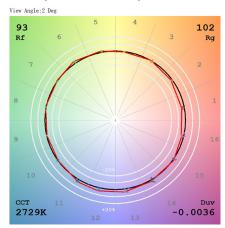
2200K (TruColor™ RGBTW)



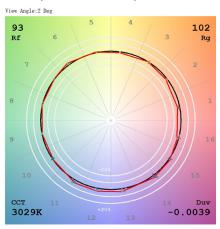
2400K (TruColor™RGBTW)



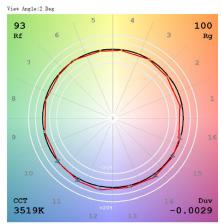
2700K (TruColor™ RGBTW)



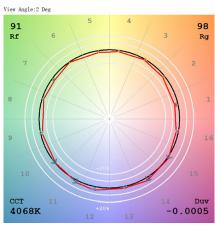
3000K (TruColor™ RGBTW)



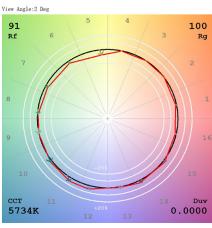
3500K (TruColor™ RGBTW)



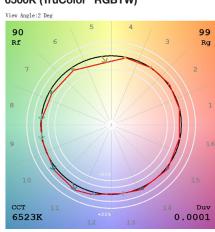
4000K (TruColor™ RGBTW)



5700K (TruColor™ RGBTW)



6500K (TruColor™ RGBTW)



PROJECT	FIXTURE TYPE	DATE	