

DESIGNED BY GREGORY KAY I ASSEMBLED IN AMERICA

LIGHT CHANNEL COMPLETE FIXTURE 0.6" MICRO GRAZER PURE

PURE EDGE Pure Smart Lighting



REV 07.16.25

24VDC SURFACE MOUNT 5 CHANNEL WIRELESS CONTROL, TRUCOLOR™ RGBTW

DESCRIPTION

Light Channel 0.6" Micro Grazer Surface Mount System is a made-to-order complete fixture, featuring a minimal profile, Clear or Diffused Lens, optional Louver, and our premier **TruColor™ RGBTW** light engine.12" to 120". For longer continuous runs, see DIY spec sheet.

TRUCOLOR™ RGB & TUNABLE WHITE LIGHT ENGINE

Pure Smart **TruColor**™ technology uses five channels of tunable LEDs, composed of RGBTW red, blue, green, and Tunable White (1500K-6500K). With our precision-engineered, proprietary color mixing, we produce one of the widest, most accurate spectrums available, giving our customers access to the warm glow of the sunset (1500K-2400K golden hour) to the pure white light of the mid-day sun (5700K) and everything in between. TruColor™ LED's achieve an average CRI-Color Rendering Index of 94+ and a Duv of +-.0020 in relation to the blackbody curve at any point on the spectrum of tunable white CCT. Dynamic Color Changing functionality provides millions of possibilities for intricate customization, rich saturated secondary colors, and unprecedented ease of installation, making RGBTW the ideal choice for residential and commercial applications. TruColor™ RGBTW adds more than just decorative flexibility; it also helps to support a healthy Circadian Rhythm and well-being. Let **TruColor**™ transform your space and the people within it. TruColor™ RGBTW is optimized for control with WiZ Pro Wi-Fi based smart control system.

FEATURES AND BENEFITS

- TruColor™ LED's achieve an average CRI-Color Rendering Index of 94+ and a Duv of +-.0046 in relation to the blackbody curve at any point on the spectrum of tunable white CCT.
- Low voltage up to 100 watt. Class 2 wiring, 24VDC. Junction Box and Pure Smart WiZ Pro Bridgebox (sold separately) allow for 5-Channel wireless control of the Light Channel luminaire.
- Power Consumption Options: 5W5 (5 watts/ft total), 5W7 (7watts/ft total)

LUMEN PERFORMANCE

- TruColor™ RGBTW Red, Green, and Blue with Tunable White (1500K-6500K)
- 5W5 248LM/FT 5W @3000K
- 5W7 361LM/FT 7W @3000K

AVERAGE PERFORMANCE 2000K-5500K

- Average CRI (5W7): 97+
- Average DUV (5W7): +-0.0002
- Average R9: 91, Rg: 102, Rf: 93
- Average life: 50,000 hours

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

24VDC, Class 2 wiring

- Home Integration Solutions
- Pure Smart™ WiZ Pro Power Supplies & Smart Controls
- Pure Smart™ Wi-Fi Controller

Features ON/OFF buttons, CCT and brightness control as well as four preset/custom scenes programmable in the WiZ app. Communicates via 2.4GHz WiFi. No Hub needed. Voice control with Goggle Assistant, Alexa, Siri,Shortcuts, and IFTTT

INCLUDED COMPONENTS

- 72" of Power Feed Connector (Includes 1 per fixture. Order extra as needed based on your installation requirements.)
- Mounting Clips (Included with every 2' of Channel)

APPLICATIONS

Indoor only, cove lighting, under cabinet, indirect lighting above cabinets, display lighting, toe kick, and general illumination



PROJECT FIXTURE TYPE DATE



LIGHT CHANNEL COMPLETE FIXTURE 0.6" MICRO GRAZER PURE 24VDC SURFACE MOUNT 5 CHANNEL WIRELESS CONTROL, TRUCOLOR™ RGBTW





PRO

0.75" (1.9cm)		_
_		1 .79"
		2cm
0.37"		\perp
0.37" (0.9cm)		
	2" to 96"	
T o		
0.6" (1.5cm)		
. T (Fooool)		
0.7"		
(1.8cm)		

INCLUDED COMPONENTS Lens Options and Lamp Data for indoor Light Channel 0.6" Micro Grazer Surface Mount

LCMG.6 LIGHT CHANNEL 61° DIFFUSED LENS White Diffuser Lens projects clean lines of light, eliminating LED dots

FOOT CANDLE CHARTS

30K 20°	5W FROSTE	D LENS
DISTANCE	BEAM	FOOT Candle
12in	4in	242 FC
18in	6in	107 FC
24in	8in	64 FC
36in	12in	42 FC

30K 20° 7W FROSTED LENS										
DISTANCE	FOOT Candle									
12in	4in	363 FC								
18in	6in	143 FC								
24in	8in	84 FC								
36in	12in	56 FC								

NOMINAL LAMP DATA

		DIFFUSED LENS																
DESCRIPTION		5W5 5W RGB & 5W TUNABLE WHITE 5W7 5W RGB & 7W TUNABLE WHITE																
WATTS PER FOOT	5W Maximum 7W Maximum																	
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (Im/ft)	117	176	214	240	248	261	282	198	182	145	242	310	352	361	380	373	219	198
LUMENS PER WATT (Im/w)	44	39	49	56	58	60	67	67	76	43	63	50	59	59	62	64	63	66
CRI	91.8	93.8	94.5	94.9	95.5	96.9	97.2	92.1	89.8	93	95	96	97	97	98	97	95	93
Rf	91	93	94	94	95	94	94	92	90	92	93	95	95	95	95	94	92	91
Rg	105	101	103	105	104	102	100	102	103	104	100	102	103	103	101	100	102	103
R9	90	90	90	94	97	97	91	81	70	91	90	90	94	95	93	93	79	67
WATTS/FOOT	2.7	4.55	4.35	4.25	4.25	4.35	4.2	2.95	2.4	3.35	3.85	6.15	5.95	6.15	6.15	5.84	3.45	3

		CLEAR LENS																
DESCRIPTION			5	W5 5W RGI	3 & 5W TUN	IABLE WHIT	Έ					5	W7 5W RGE	8 & 7W TUN	ABLE WHIT	Έ		
WATTS PER FOOT		5W Maximum						7W Maximum										
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (Im/ft)	129	194	235	264	273	288	311	218	201	160	266	342	388	398	419	411	241	219
LUMENS PER WATT (Im/w)	48	43	54	62	64	66	74	74	73	48	69	56	65	65	68	70	70	68
CRI	93	94	95	93	96	96	94	93	93	93	94	96	95	96	96	94	93	93
Rf	91	93	93	93	93	93	91	91	87	90	93	93	93	93	93	91	91	91
Rg	93	98	101	102	102	100	99	100	96	99	98	101	102	102	100	98	100	99
R9	79	64	69	75	78	76	69	95	95	79	75	68	74	76	76	68	94	95
WATTS/FOOT	2.7	4.55	4.35	4.25	4.25	4.35	4.2	2.95	2.75	3.35	3.85	6.15	5.95	6.15	6.15	5.84	3.45	3.2

PRC	DJECT	FIXTURE TYPE	DATE	



LIGHT CHANNEL COMPLETE FIXTURE 0.6" MICRO GRAZER PURE 24VDC SURFACE MOUNT 5 CHANNEL WIRELESS CONTROL, TRUCOLOR™ RGBTW





Length Charts: Actual lengths for Light Channel .6 Micro Grazer Surface Mount

REV 07.16.25

		5W5, 5W7 TRU	COLOR™RGBTW		
Ordering Code (NOMINAL LENGTH)	Actual Length	5W5 (TOTAL WATTS)	5W5 (TOTAL LUMENS AT 30K)	5W7 (TOTAL WATTS)	5W7 (TOTAL LUMENS AT 30K)
12	12.85	5	248	7	361
15	15.85	6	310	9	451
18	18.85	8	372	11	542
21	21.85	9	434	12	632
24	24.85	10	496	14	722
27	27.85	11	558	16	812
30	30.85	13	620	18	903
33	33.85	14	682	19	993
36	36.85	15	744	21	1083
39	39.85	16	806	23	1173
42	42.85	18	868	25	1264
45	45.85	19	930	26	1354
48	48.85	20	992	28	1444
51	51.85	21	1054	30	1534
54	54.85	23	1116	32	1625
57	57.85	24	1178	33	1715
60	60.85	25	1240	35	1805
63	63.85	26	1302	37	1895
66	66.85	28	1364	39	1986
69	69.85	29	1426	40	2076
72	72.85	30	1488	42	2166
75	75.85	31	1550	44	2256
78	78.85	33	1612	46	2347
81	81.85	34	1674	47	2437
84	84.85	35	1736	49	2527
87	87.85	36	1798	51	2617
90	90.85	38	1860	53	2708
93	93.85	39	1922	54	2798
96	96.85	40	1984	56	2888
99	99.85	41	2046	58	2978
102	102.85	43	2108	60	3069
105	105.85	44	2170	61	3159
108	108.85	45	2232	63	3249
111	111.85	46	2294	65	3339
114	114.85	48	2356	67	3430
117	117.85	49	2418	68	3520
120	120.85	50	2480	70	3610

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PROJECT

LIGHT CHANNEL COMPLETE FIXTURE 0.6"

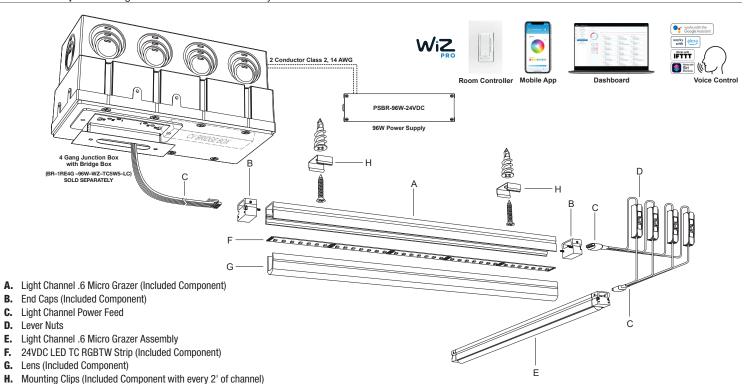




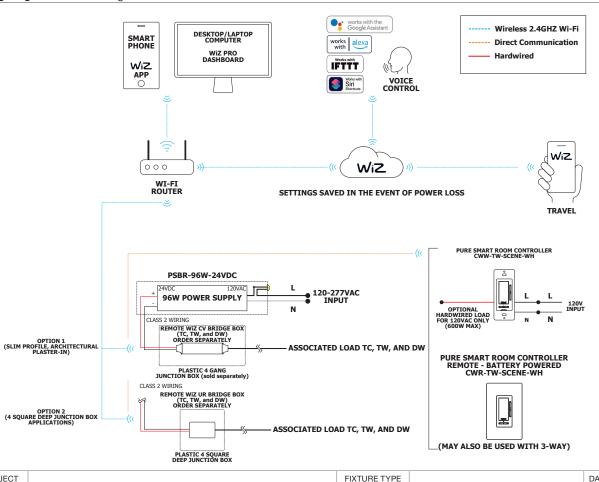
24VDC SURFACE MOUNT 5 CHANNEL WIRELESS CONTROL, TRUCOLOR™ RGBTW

Included Components: Light Channel .6 Micro Grazer system overview

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Wiring Diagram: For Indoor Light Channel Micro Grazer Surface Mount





IGHT CHANNEL COMPLETE FIXTURE 0.6" MICRO GRAZER PURE

24VDC SURFACE MOUNT 5 CHANNEL WIRELESS CONTROL, TRUCOLOR™ RGBTW





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System

Code

LC

LC Light

Color Temperature

TC5W5

TruColor[™] 5 watts

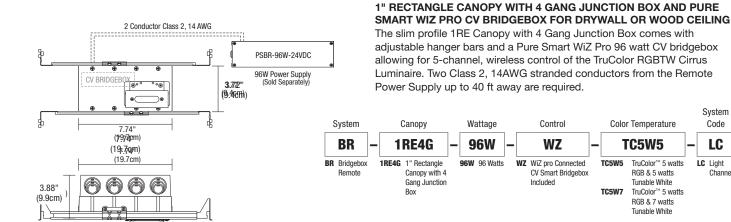
RGB & 5 watts

Tunable White

RGB & 7 watts Tunable White

TruColor™ 5 watts

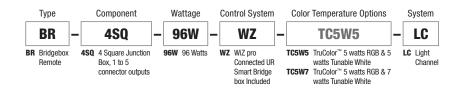
COMPONENTS: Light Channel .6 Micro Grazer, order based on lighting design or as replacement parts

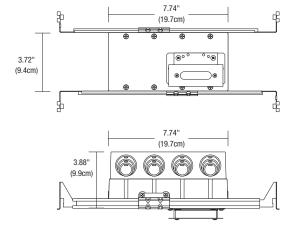


(1) WiZ Pro UR Bridgel (10.2cm 4 (10.2cm

T BAR DROP CEILING SURFACE 4" SQUARE GANG JBOX AND **PURE SMART WIZ PRO UR BRIDGEBOX**

The 4" Square Junction Box located above Tbar ceiling includes connectors for fast and secure connection to the RGBTW Cirrus fixture and Pure Smart WiZ Pro 96 watt UR bridgebox allowing for 5-channel, wireless control of the TruColor™ RGBTW Cirrus. Requires two Class 2, 14 AWG stranded conductors from the Remote Power Supply up to 40 ft away. Can be guick shipped for rough-in.





CEILING SURFACE 1" RECTANGLE CANOPY & 4 GANG JUNCTION BOX

The Junction Box opening is covered by the fixture for a clean no Canopy look. Includes 4 gang Junction Box with adjustable bar hangers. Includes a Goof Plate, for poor plastering around J-box. Can be quick shipped for rough-in.



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LIGHT CHANNEL COMPLETE FIXTURE 0.6" MICRO GRAZER

24VDC SURFACE MOUNT 5 CHANNEL WIRELESS CONTROL, TRUCOLOR™ RGBTW



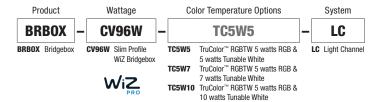


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CV BRIDGE BOX ONLY (REPLACEMENT FOR 1RE4G JBOX)

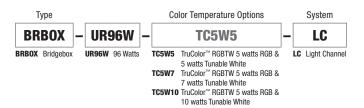
The Pure Smart™ Class2 wiring Type, for use in tight spaces like a cabinet. CV96W RGBTW Bridgebox enables wireless control of a constant voltage, 5 Channel RGBTW LED load with the WiZ Pro wireless control ecosystem. For use with Non-Dim PSB (PSBR-96W-24VDC).

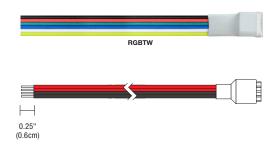




PURE SMART/WIZ PRO UR BRIDGEBOX

The Phillips WiZ Pro Type UR RGBTW Bridgebox is a low voltage Class 2 wireless control module allowing for 5 Channel (RGBTW) full color control within the WiZ Pro wireless control ecosystem. Same as UR but with mounting holes. 24V input voltage For use with Non-Dim PSB (PSBR-96W-24VDC).





LIGHT CHANNEL POWER CONNECTOR

One Female Power Connector is included with each order of channel.





FLEXIBLE CONNECTOR

Flexible connectors link two sections of the Light Channel end to end. WAGO 221 Lever Nuts can also be used as jumper connections according to your specific application requirements.



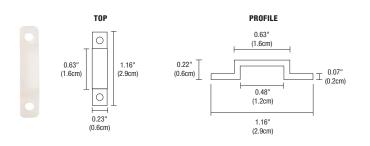
PROJECT	FIXTLI	URE TYPE	DATE	
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IGHT CHANNEL COMPLETE FIXTURE 0.6" MICRO GRAZER PURE 24VDC SURFACE MOUNT 5 CHANNEL WIRELESS CONTROL, TRUCOLOR™ RGBTW





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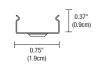


U-STRAP

Use every 6-12 inches for extra support (30/package).



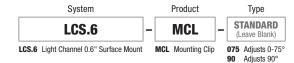


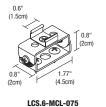


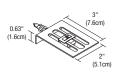
LCS.6-MCL

MOUNTING CLIPS

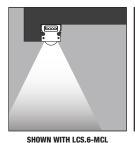
LC-MCL mounting clips are provided with every 2' of Light Channel and may be ordered separately as replacement parts. The LC-MCL-075 rotates Light Channel up to 75 degrees. LC-MCL-90 mounts Light Channel at a 90 degree angle.



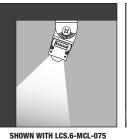




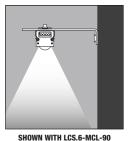
LCS.6-MCL-90



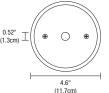
voltage connections.

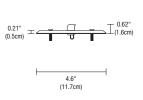


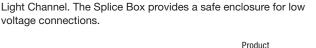
Use for remote located power supply. The 3 inch rectangle or 4 inch round white canopy covers the electrical box and feeds wires for











WH 3RE 3RE 3" Rectangle Canopy Cover WH White 4RD 4" Round Canopy Cover

Finish

3RE-WH

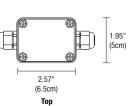


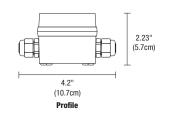
JUNCTION BOX

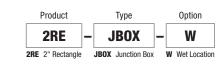
Low voltage Splice Box with connectors.

CANOPY COVER & SPLICE BOX









PROJECT FIXTURE TYPE DATE

PURE SMART™ Wi-Fi 120V ROOM CONTROLLER

CONNECTED BY WIZ PRO





REV 07.16.25



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



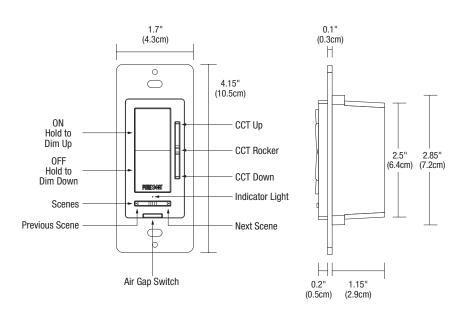












PROJECT	FIXTURE TYPE	DATE	

PURE SMART™ Wi-Fi REMOTE ROOM CONTROLLER

CONNECTED BY WIZ PRO FOR TABLE TOP OR WALL, BATTERY OPERATED





REV 07.16.25



DESCRIPTION:

The Pure Smart™ Wi-Fi Remote Room Controller works with any WiZ Connected Smart fixtures/lamps. The Remote Room Controller is powered by four AAA batteries and grants independent adjustment of color temperature and intensity, as well as scene selection for four favorite scenes which are selected and assigned to the room controller in the WiZ App. The four favorited scenes, as with any scene in the WiZ ecosystem, can consist of any combination of products including bulbs, luminaires, or smart controls and can support any combination of color ranges including static white or dimmable white, Tunable White, and Trucolor RGBTW allowing for intricate customization and control. 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

Dimming, CCT control rocker, and a scene control toggle. No load maximum. Communicates with 2.4GHz Wi-Fi only. No Hub Required.

EASY INSTALLATION

The Pure Smart™ Wi-Fi Remote Room Controller is powered by 4 AAA batteries and is therefore completely wireless. Multiple mounting methods available including to a standard switch box, on the wall with the included drywall anchors or adhesive strip, or kept on a tabletop with the rubber pads that help to keep it stationary. Single Pole or 3-way compatible with Pure Smart Dimmer (SWW-DIM-WH), Pure Smart Switch (SWW-SWT-WH), 120V Room Controller (CWW-TW-SCENE-WH) and another Remote Room Controller. No wires. No hub. Total control.

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.

RODY

Durable polycarbonate body.

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 4 AAA batteries Certification cULus. FCC

Compatible Load(s) WiZ Connected products only

Maximum Power No Load Maximum

Output Current

Relay OFF: 0.07W **Power Consumption**

Soft OFF: 0.79W ON: 0.79W

Dims to 3% Dimming

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

Wireless Frequency 2.4GHz Wireless Standard IEEE 802.11 Warranty 3 Year

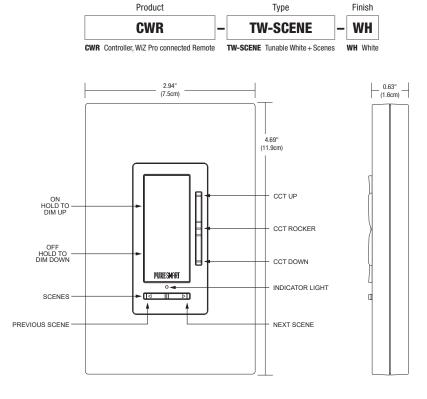












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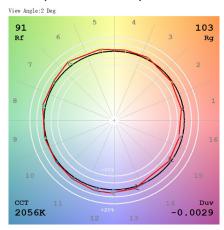




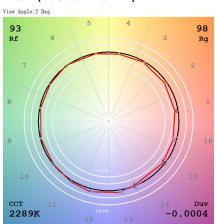
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TM-30-15 DATA: The data below is for TruColor™ RGBTW (S5W7) bare LED Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

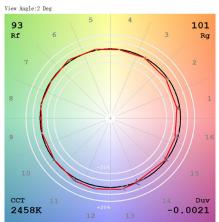
2000K (TruColor™ RGBTW)



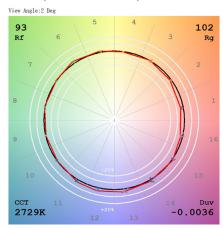
2200K (TruColor™ RGBTW)



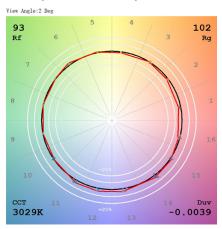
2400K (TruColor™RGBTW)



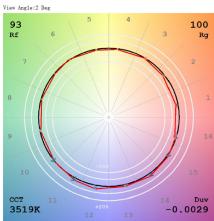
2700K (TruColor™ RGBTW)



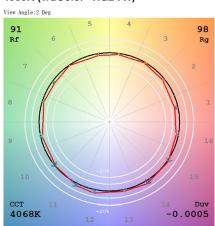
3000K (TruColor™ RGBTW)



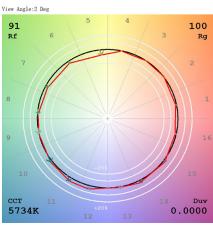
3500K (TruColor™ RGBTW)



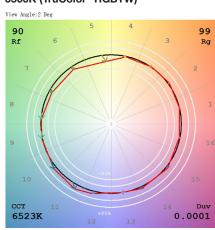
4000K (TruColor™ RGBTW)



5700K (TruColor™ RGBTW)



6500K (TruColor™ RGBTW)



PROJECT	FIX	XTURE TYPE	DATE