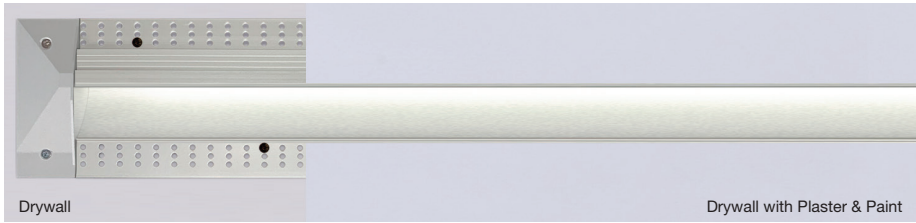


REVEAL WALL WASH 2 TRUCOLOR™ RGBTW

24VDC 5/8" DRYWALL PLASTER-IN LED SYSTEM, 5 CHANNEL WIRELESS CONTROL

DESIGNED BY GREGORY KAY | MADE IN AMERICA | PATENT PENDING

REV 04.19.24



DESCRIPTION

Our new generation of the Reveal System, now with TruColor™ RGBTW, washes the wall from the very top of the ceiling highlighting the wall with continuous illumination. Simply mount the slim profile plaster-in extrusions within 5/8" or thicker drywall, 24" from the projected wall. The system is sold in 1' increments up to 20' and can be cut in the field. Continuing to redefine the relationship between lighting and interior design, Reveal Wall Wash invokes dramatic yet refined illumination by highlighting art and architectural features in the most minimal way possible. The Reveal Wall Wash with TruColor™ RGBTW light engine requires that it be powered with a remote Pure Smart PSBB power supply (sold separately) which allows for wireless control with the WIZ Pro software suite and Pure Smart Wi-Fi Room Controller (CWW-TW-SCENE-WH or CWR-TW-SCENE-WH sold separately). The Reveal Wall Wash is offered in multiple wattages and color temperatures. Click here for all [Other Color Temperatures](#). Includes a 5 year pro-rated warranty. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

DESIGN NOTE

Reveal Wall Wash 2 is an ideal wall washing solution for contemporary spaces. Multiple runs of channel mount seamlessly together and may wrap inside corners to wash surrounding walls with uniform controlled illumination.

SPECIFICATIONS

- 24VDC
- 5W5: 5W RGB & 5W Tunable White, 5 watts per foot maximum
- 5W7: 5W RGB & 7W Tunable White, 7 watts per foot maximum
- 5W10: 5W RGB & 10W Tunable White, 10 watts per foot maximum

INCLUDED COMPONENTS*

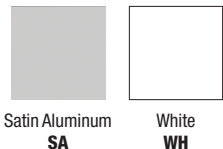
Junction Box, Adjustable Mounting Bars, Reveal Wall Wash Channel(s), Power Feed End Cap, Junction Box Cover, Dead End Cap, Take-Up Box, Drywall Screws, LED Soft Strip, and Lens.

*Order PSBB Remote Power Supply separately

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 5W5 – Pure Smart™ WIZ Pro: 20 ft
- 5W7 – Pure Smart™ WIZ Pro: 12 ft
- 5W10 – Pure Smart™ WIZ Pro: 10 ft

FINISHES



TRUCOLOR™ RGB & TUNABLE WHITE TECHNOLOGY

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 +-0.0040 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.

LUMEN PERFORMANCE

- TruColor™ **RGBTW** Red, Green, and Blue with Tunable White (**1500K-6500K**)
- 5W5 196lm/ft 5W @3000K
- 5W7 286lm/ft 7W @3000K
- 5W10 338lm/ft 10W @3000K

AVERAGE PERFORMANCE 2000K-5500K

- Average CRI: 94+
- Average DUV: +-0.0040
- Average R9: 91, RG: 102, RF: 93
- Average life: 50,000 hours

REMOTE POWER SUPPLIES, DIMMERS & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- [Pure Smart™ WIZ Pro PSBB Power Supplies](#)
- Pure Smart™ PSBB Power Supply with Remote Bridgebox is developed to support Pure Smart TC TruColor RGBTW luminaires connected by WIZ Pro
- [Pure Smart™ WIZ Pro 5-Channel Controllers](#)

APPLICATIONS

Designed for any indoor space with drywall construction, including damp locations. Ideal applications in residential, commercial, retail, and hospitality environments as well as general human-centric lighting.

COMPLIANCE

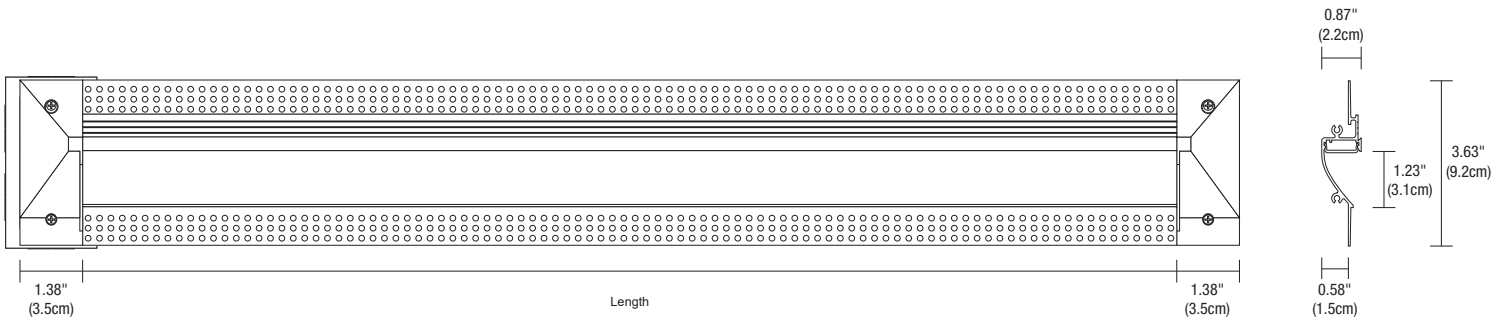
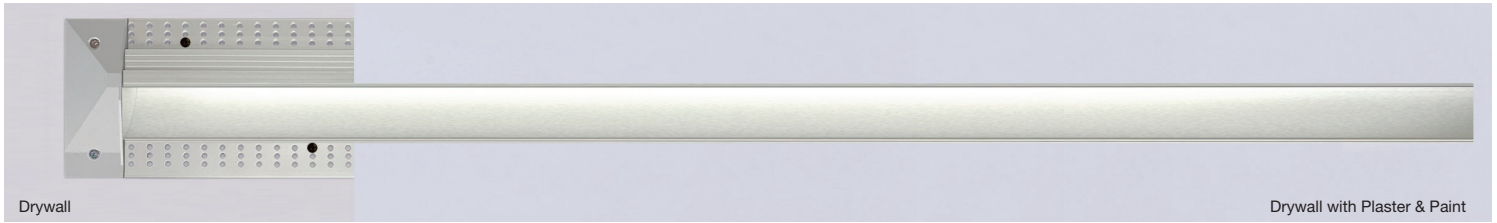
ETL Listed, Class 2, Damp Location, Made in USA.

System	Watts Per Foot	Length in Feet	Color Temperature	Reflector Finish
RVWW2	5W7	10FT	TC	SA
RVWW2 Reveal Wall Wash 2	5W5 5 watts RGB & 5 watts Tunable White 5W7 5 watts RGB & 7 watts Tunable White 5W10 5 watts RGB & 10 watts Tunable White	1-20ft Pure Smart WIZ Pro (5W5) 1-12ft Pure Smart WIZ Pro (5W7) 1-10ft Pure Smart WIZ Pro (5W10)	TC TruColor™ RGBTW Red, Green, Blue, and Tunable White 1500K-6500K	SA Satin Aluminum WH White

PROJECT		FIXTURE TYPE		DATE	
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REVEAL WALL WASH 2 TRUCOLOR™ RGBTW

24VDC 5/8" DRYWALL PLASTER-IN LED SYSTEM, 5 CHANNEL WIRELESS CONTROL



WALL WASH FOOT CANDLE DISTRIBUTION
SHOWN WITH 5W7, 3000K CHANNEL AND DIFFUSED LENS
MOUNTED 24" FROM WALL

	1'	2.5'	4'	5.5'	7'
1"	35	35	37	35	35
3"	62	62	72	62	62
6"	78	94	97	94	78
1'	84	95	97	95	84
18"	79	88	88	88	79
2'	69	78	78	78	69
3'	53	61	62	61	53
4'	43	50	48	50	43
5'	35	40	41	40	35
6'	28	32	32	32	28
7'	24	26	27	26	24
8'	19	21	22	21	19

WALL WASH DIRECTION OF LIGHT
SHOWN WITH 5W7, 3000K VERSION

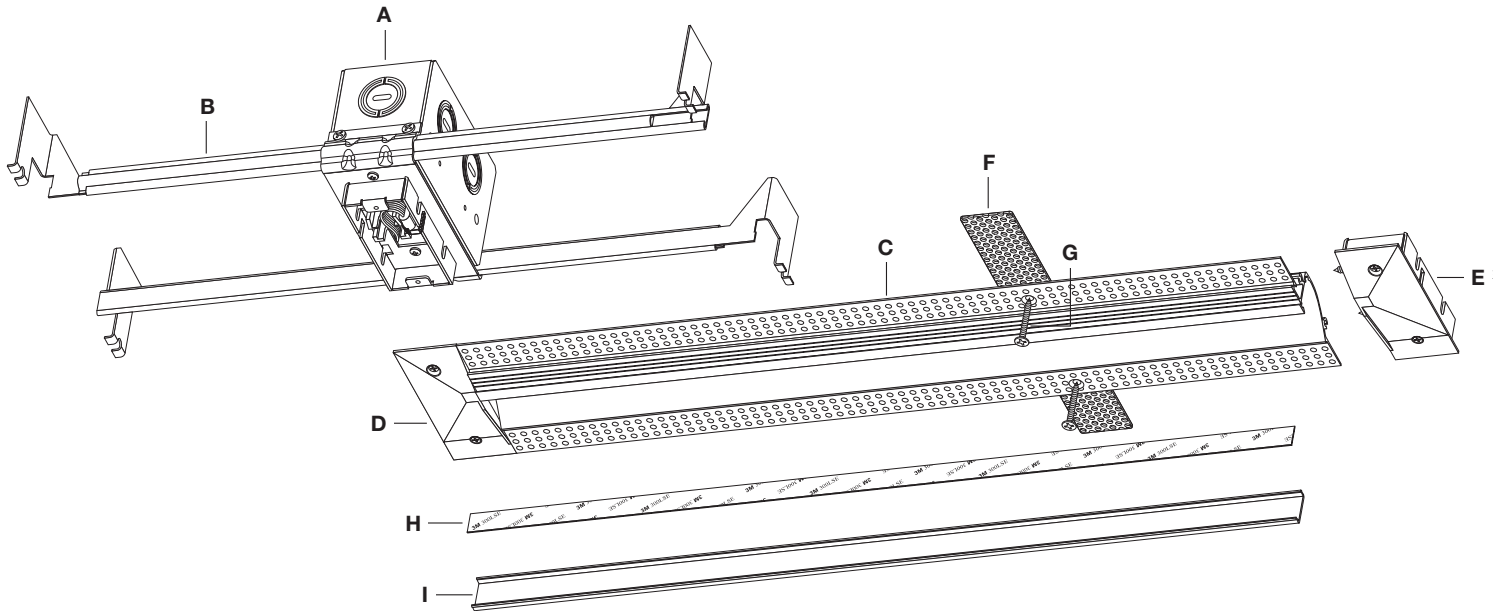


NOMINAL DELIVERED LUMENS

DESCRIPTION	5W5 5W RGB & 5W TUNABLE WHITE										5W7 5W RGB & 7W TUNABLE WHITE										5W10 5W RGB & 10W TUNABLE WHITE									
WATTS PER FOOT	5W Maximum										7W Maximum										10W Maximum									
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K			
LUMENS PER FOOT (lm/ft)	93	139	169	190	196	207	223	157	144	115	191	246	279	286	301	295	173	157	122	195	262	308	338	363	353	199	180			
LUMENS PER WATT (lm/w)	34	31	39	45	46	48	53	60	34	50	40	47	47	49	51	50	52	35	24	33	40	43	47	43	54	62				
CRI	91.8	93.8	94.5	94.9	95.5	96.9	97.2	92.1	89.8	93.0	95.0	96.0	97.0	97.0	98.0	97.0	95.0	92.7	92.7	94.5	95.7	96.5	97.4	98.1	97.0	93.6	91.6			
Duv	-0.0040	-0.0012	-0.0034	-0.0058	-0.0055	-0.0033	-0.0014	-0.0049	-0.0063	-0.0030	0.0002	0.0030	0.0030	0.0030	0.0009	0.0000	0.0030	0.0030	-0.0028	-0.0005	-0.0022	-0.0035	-0.0030	-0.0011	-0.0001	-0.0038	-0.0048			
Rf	91	93	94	94	95	94	94	92	90	92	93	95	95	95	95	94	92	91	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	104	100	103	104	103	102	100	102	103			
R9	90	90	90	94	97	97	91	81	70	91	90	90	94	95	93	93	79	67	91	90	90	94	95	93	90	79	69			
R13	92	94	95	95	94	96	99	90	87	92	95	96	96	97	99	99	91	88	92	94	96	96	97	100	99	92	89			
R15	99	99	99	98	97	97	97	89	85	99	99	99	99	99	98	97	90	85	99	99	99	99	99	98	97	90	86			
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	3.5	8	7.9	7.7	7.85	7.8	8.3	3.65	2.9			

PROJECT		FIXTURE TYPE		DATE	
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INCLUDED COMPONENTS



A. JUNCTION BOX

Mounts behind drywall with Adjustable Mounting Bars. Requires that 6 conductors be run from Pure Smart PSBB Remote Power Supply (sold separately) to junction box. Single Gang Junction Box opening is covered by the channel, and required at the beginning of each run.

B. ADJUSTABLE MOUNTING BARS

Provide flexibility for mounting in a variety of spaces and orientations. May be secured to rafters or joists that are spaced 13"-24" apart.

C. REVEAL WALL WASH CHANNEL

5/8" deep extrusion houses a single row of commercial-grade White or Dynamic Color Changing LED Strip.

D. POWER FEED END CAP WITH COVER

Provides a finished look and prevents light leak at feed-end of run.

E. TAKE UP BOX

Prevents dark spots at end of run by tucking excess LED Strip safely behind wall.

F. MOUNTING STRAP

For use when channel is between studs

G. DRYWALL SCREWS

Secure channel to drywall and stud.

H. LED STRIP

(Back Side shown) Your selection of LED Strip CCT.

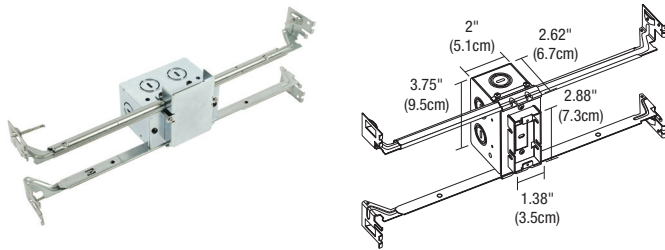
I. LENS

0.74" wide diffuser lens projects a clean line of light without LED pixelation.

PROJECT		FIXTURE TYPE		DATE	
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REVEAL WALL WASH 2 TRUCOLOR™ RGBTW

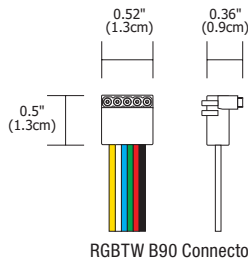
24VDC 5/8" DRYWALL PLASTER-IN LED SYSTEM, 5 CHANNEL WIRELESS CONTROL



JUNCTION BOX ROUGH-IN COMPONENT

One Junction Box is included with Reveal Wall Wash. Order additional Junction Box separately to rough-in electrical wiring before drywall installation. Quick shipment available.

System	Size	Component
RVWW2	1RE	JBOX
RVWW2 Reveal Wall Wash	1RE 1" Rectangle	JBOX Junction Box



RGBTW B90 Connector

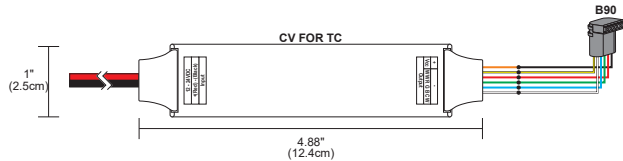
B90 CONNECTORS

B90 Connectors are supplied with complete fixture ordering code. The ordering code below is to be used for replacements only.

System	Type	Component	Color Temperature Options
LC	PFE	B90	RGBTW
LC LED Connector	PFE Power Feed	B90 Bends 90°	RGBTW TruColor™ RGBTW (RGB + Tunable White 1500k-6500K) *Leave blank for Static White. Static Color, Tunable White and RGB

PURE SMART/WIZ PRO CV BRIDGEBOX

WiZ Pro CV Bridgeboxes are included with RVWW2 RGBTW complete fixture ordering codes. The part numbers below are to be used for replacements only. Pure Smart/WiZ Pro CV Bridgeboxes are pre-programmed with Pure Smart app icons, and proprietary color mixing for Tunable White and TruColor™ RGBTW.



Type	Type	Component	Color Temperature Options	System
BRBOX	B90	CV96W	TC5W5	CL
BRBOX Bridgebox	B90 90° Connector	CV96W Slim Profile WIZ Bridgebox	TC5W5 TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White TC5W7 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White TC5W10 TruColor™ RGBTW 5 watts RGB & 10 watts Tunable White	CL Ceiling Linear



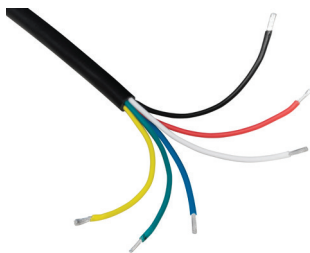
PURE SMART/WIZ PRO UR BRIDGEBOX

WIZ Pro UR Bridgebox is included with 4" Square Junction for TBar ceilings and allows for integration into the WiZ Pro wireless control ecosystem. The part numbers below are to be used for replacement only. Pure Smart/WiZ Pro UR Bridgeboxes are pre-programmed with Pure Smart app icons, and proprietary color mixing for tunable white and RGBTW.



Type	Wattage	Color Temperature Options	System
BRBOX	UR96W	TC5W5	CL
BRBOX Bridgebox	UR96W 96 Watt UR Bridgebox	TC5W5 TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White TC5W7 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White TC5W10 TruColor™ RGBTW 5 watts RGB & 10 watts Tunable White	CL Ceiling Linear

PROJECT		FIXTURE TYPE		DATE	
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WET AND DAMP LOCATION CABLE ORDER PER FOOT

Our Wet Location, 6 Conductor, 14 Gauge Cable is a durable and adaptable cable suitable for transmitting power, control, and switching in indoor and outdoor wet and damp environments. Cable sold by the foot, simply specify the length needed by the foot. Keep within 50 ft between fixture and power supply. Cable sold by the foot, simply specify the length needed by the foot.

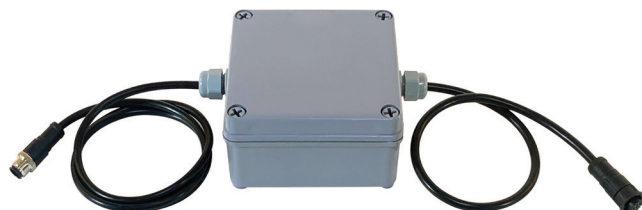
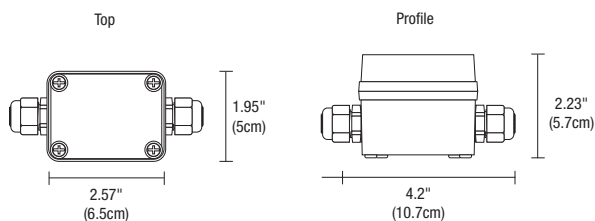
Product	Gauge	Cable
OC	14G	6C
OC Outdoor Cable	14G 14 Gauge	6C 6 Conductor



WET LOCATION JUNCTION BOX

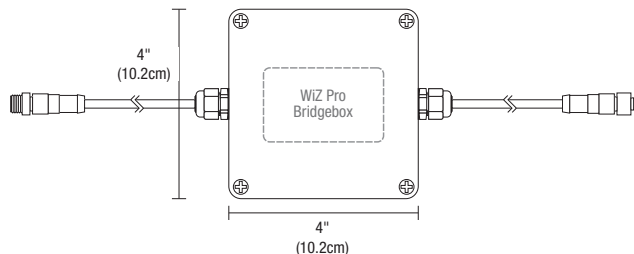
Wet-rated low voltage Splice Box with connectors.

Product	Type	Option
2RE	JBOX	W
2RE 2" Rectangle	JBOX Junction Box	W Wet Location



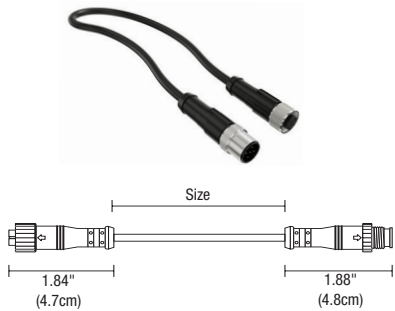
PURE SMART WET LOCATION JUNCTION BOX WITH 8FT POWER CABLE AND WIZ PRO UR BRIDGEBOX

This watertight Junction Box is especially designed for lighting in wet and damp locations. The Junction Box comes standard with a 8ft of outdoor cable and both male and female barrel connectors providing easy, safe, and reliable connections for 24V low voltage luminaires. Included with the Junction Box is one WIZ Pro type Bridgebox allowing for 5 Channel wireless control of the TruColor RGBTW luminaire. This box is approved for indoor and outdoor usage and complies with all the requirements of UL1241 and the National Electric Code.



Product	Type	Wattage	Controls	Type	Option	System
BR	JBC	96W	WZ	TC5W5	W	FN
BR Bridgebox for LED Soft Strip and Flex Neon	JBC Outdoor Junction Box with two Barrel Connectors, 4 conductor input and 6 conductor output.	96W 96 Watts	WZ WIZ Connected Bridgebox Included	TC5W5 5 Watts RGB & 5 Watts Tunable White TC5W7 5 Watts RGB & 7 Watts Tunable White	W Wet Location	FN Flex Neon

PROJECT		FIXTURE TYPE		DATE	
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RGBTW 24VDC POWER OUTPUT CABLE 6 PIN CONNECTOR WET LOCATION

The flexible power cable connector is designed to provide a safe and reliable waterproof connection between the output of the Pure Smart/WiZ Pro Bridgebox and the Flex Neon Channel with 6 pin barrel connectors. This Flexible Connector is easy to install and configure, helping you create innovative lighting designs in an outdoor commercial or residential space.

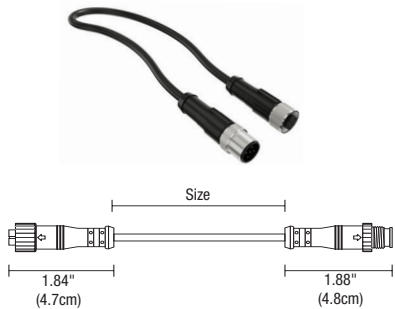
Product	Type	Size	Color Temperature	Option
SS	CFX	12IN	RGBTW	W
SS Soft Strip and Flex Neon	CFX Flexible 6 Wire Connector	12IN 12" 96IN 96"	RGBTW TruColor Red, Green, Blue & Tunable White	W Wet Location



RGBTW 24VDC POWER OUTPUT CABLE 6 PIN T-CONNECTOR WET LOCATION

Our 6 Pin RGBTW Wet Location T-Connector is a robust rugged design especially suited to withstand the channels of damp and wet environments. This unique T-Connector has one Male and two Female Connectors and is suitable for multiple indoor and outdoor uses. Versatile design is easy to use, making installation quick and efficient.

Product	Type	Color Temperature	Option
SS	TC	RGBTW	W
SS Soft Strip and Flex Neon	TC T-Connector	RGBTW TruColor Red, Green, Blue & Tunable White	W Wet Location



24VDC INPUT POWER 4 PIN CABLE CONNECTOR WET LOCATION

The flexible power cable connector is designed to provide a safe and reliable waterproof connection between the output of the 24V power supply and the input of the Pure Smart/WiZ Pro Bridgebox with 4 pin barrel connectors. This Flexible Connector is easy to install and configure, helping you create innovative lighting designs in an outdoor commercial or residential space.

Product	Type	Size	Option
SS	CFX	12IN	W
SS Soft Strip and Flex Neon	CFX Flexible 4 Wire Connector for 24VDC input side on Bridge box	12IN 12" 96IN 96"	W Wet Location



24VDC INPUT POWER 4 PIN CABLE T-CONNECTOR WET LOCATION

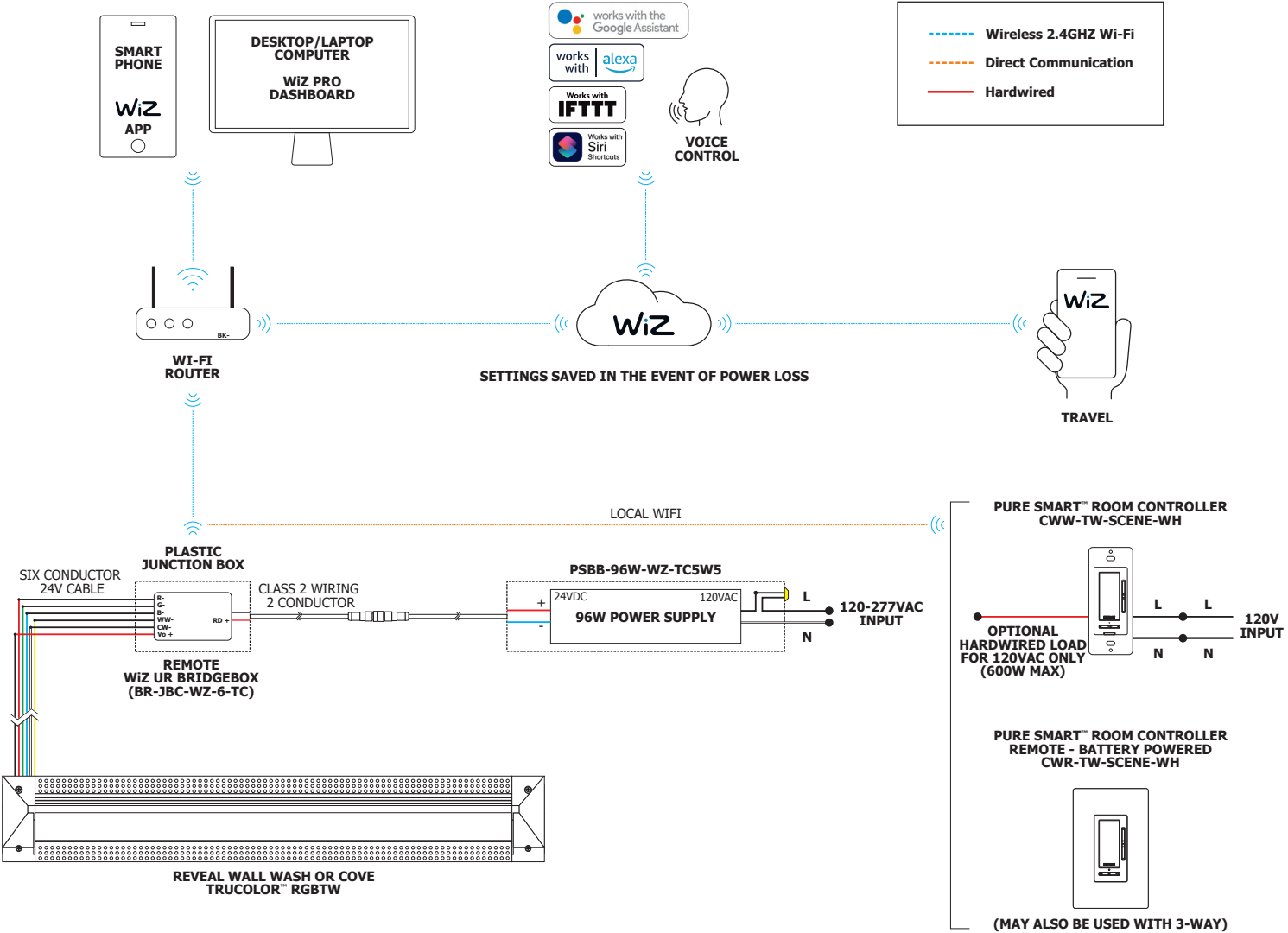
Our Wet Location T-Connector is a robust rugged design especially suited to withstand the challenges of damp and wet environments. This unique T-Connector has one Male and two Female Connectors and is suitable for multiple indoor and outdoor uses. Versatile design is easy to use, making installation quick and efficient.

Product	Type	Option
SS	TC	W
SS Soft Strip and Flex Neon	TC T-Connector	W Wet Location

PROJECT		FIXTURE TYPE		DATE	
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REVEAL WALL WASH 2 TRUCOLOR™ RGBTW

24VDC 5/8" DRYWALL PLASTER-IN LED SYSTEM, 5 CHANNEL WIRELESS CONTROL



PROJECT		FIXTURE TYPE		DATE	
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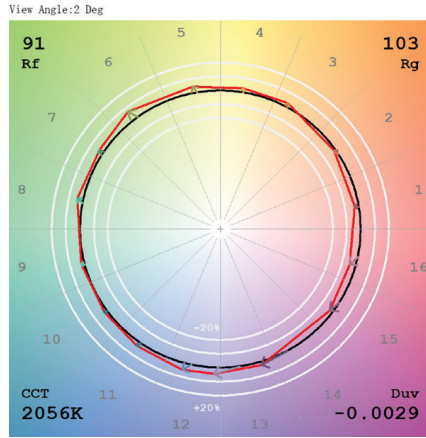
TM30 DATA

24VDC 5/8" DRYWALL PLASTER-IN LED SYSTEM, 5 CHANNEL WIRELESS CONTROL

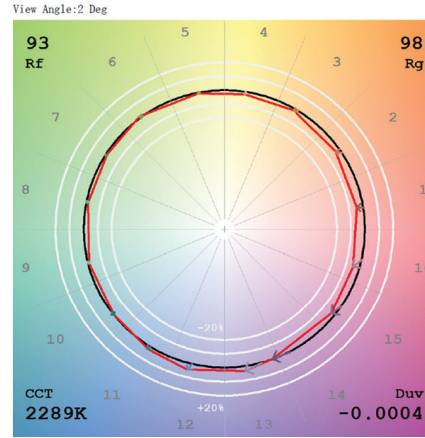
REV 04.19.24

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.

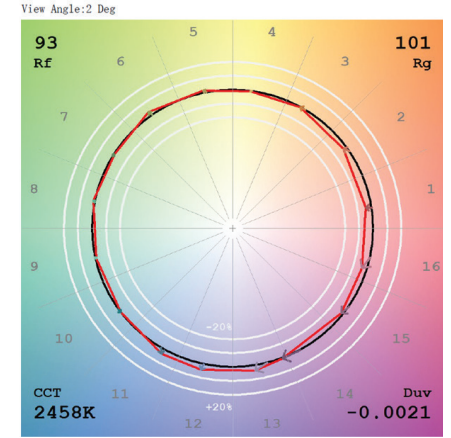
2000K (TruColor™ RGBTW)



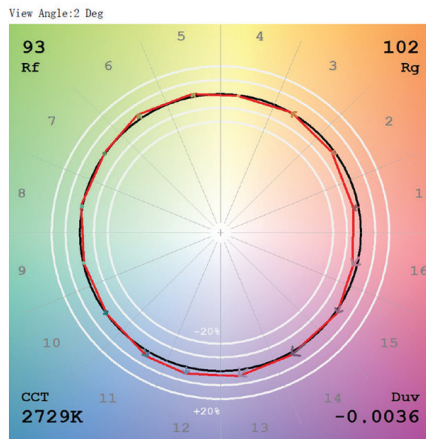
2200K (TruColor™ RGBTW)



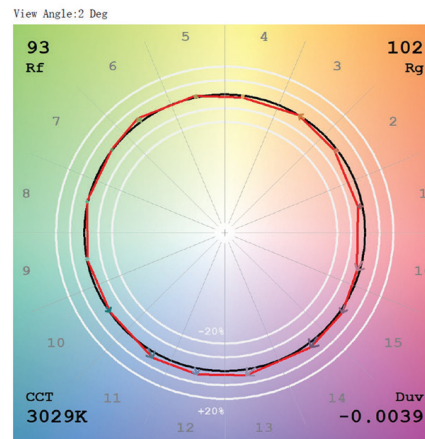
2400K (TruColor™ RGBTW)



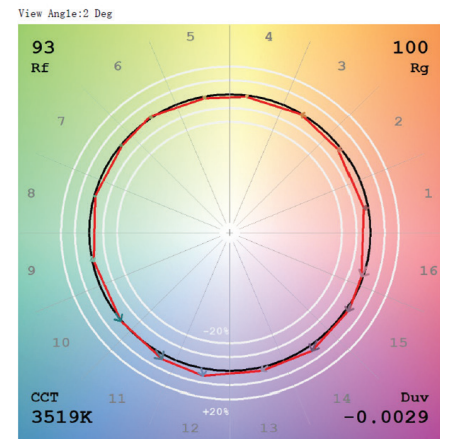
2700K (TruColor™ RGBTW)



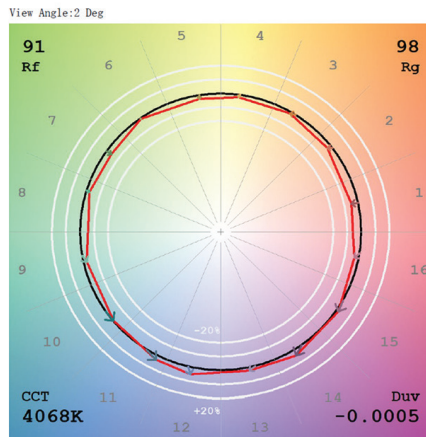
3000K (TruColor™ RGBTW)



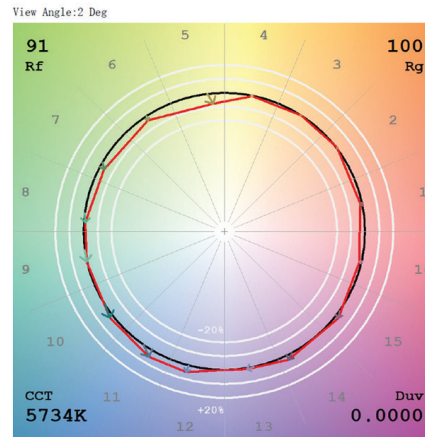
3500K (TruColor™ RGBTW)



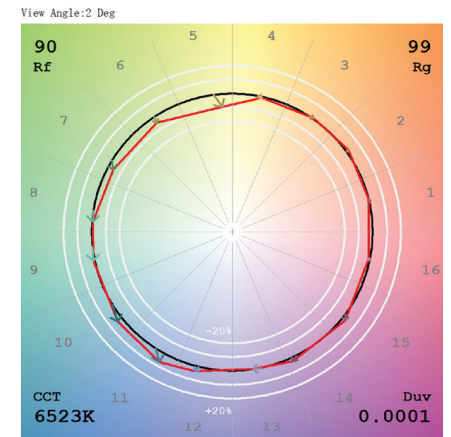
4000K (TruColor™ RGBTW)



5700K (TruColor™ RGBTW)



6500K (TruColor™ RGBTW)



PROJECT		FIXTURE TYPE		DATE	
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