PURE SMART PSBR OUTDOOR POWER SUPPLY
24VDC, POWER SUPPLY FOR REMOTE BRIDGEBOX

PURE EDGE
Pure Smart Lighting

REV 05.06.24

PSBR-96W-24VDC-W

PSBR-96W-24VDC-W DIMENSIONS:
Length: 10"
Width: 7.1"
Height: 3.3"
Weight: 1.6lbs

PSBR-2X96W-24VDC-W

PSBR-2X96W-24VDC-W DIMENSIONS:
Length: 11.8"
Width: 9.1"
Height: 3.4"
Weight: 2.26lbs

DESCRIPTION
Pure Smart PSBR Outdoor Power Supply for Remote Bridgebox accepts an input voltage of 120-277VAC and outputs 24VDC power up to 2X96 watts. For use with Pure Smart/WiZ Pro CV and UR Remote Bridgeboxes. The enclosure provides a space for electrical connections and features an external push button for cycling power and placing smart fixture or bridgebox into pairing mode. (CV96W and UR Bridgeboxes Sold Separately).

APPLICATIONS
Outdoor Wet Location LED strips, Flex Neon, and Wet Located Surface Mount products. To be used with Remote Located Bridgebox (Sold Separately).

MOUNTING
Surface mounted with conduit access

POWER INPUT
120-277VAC

POWER OUTPUT
Class 2; 24 volts DC constant voltage 4A, up to 2X96 watts maximum

EXTERNAL PUSH BUTTON
Easily accessible external push button allows for power cycling which triggers pairing mode to the connected smart device.

CONTROLS
• Pure Smart™ WiZ Pro 5-Channel Controllers
Features ON/OFF buttons, CCT and brightness control as well as four preset/custom scenes programmable in the WiZ app. Communicates via 2.4GHz Wi-Fi. No Hub needed. Voice control with Goggle Assistant, Alexa, Siri, Shortcuts, and IFTTT.

EFFICIENCY
90%

AMBIENT OPERATING TEMPERATURE
-25° C to 40° C

COMPLIANCE
Made in the USA, ETL, CE, IP65

Product		Wattage	Voltage	Option
PSBR	–	**96W**	**24VDC**	**W**
PSBR Power Supply in Push Button Box for Remote Bridgebox		**96W** 96 Watts	**24VDC** 24 Volts	**W** Wet Location
		2X96W 2x96 Watts		

PROJECT		FIXTURE TYPE		DATE	

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OUTDOOR EXTRA PARTS

DIRECT BURIAL LOCATION CABLE ORDER PER FOOT

Our Direct Burial, 2 Conductor, 14 Gauge Cable is a durable and adaptable cable suitable for transmitting power, control, and switching in outdoor wet and in ground environments. Keep within 40 ft between fixture and power supply. Cable sold by the foot, simply specify the length needed by the foot.

| Product	Gauge	Cable
DB	**14G**	**2C**
DB Direct Burial	**14G** 14 Gauge	**2C** 2 Conductor
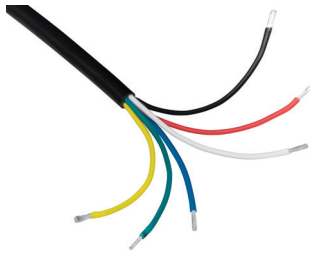
WET AND DAMP LOCATION CABLE ORDER PER FOOT

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.

Top

1.95" (5cm)

2.57" (6.5cm)

Profile

2.23" (5.7cm)

4.2" (10.7cm)
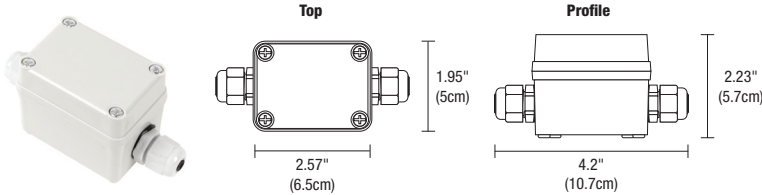
Product	Type	Option
2RE	**JBOX**	**W**
2RE 2" Rectangle	**JBOX** Junction Box	**W** Wet Location

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.

4" (10.2cm)

WiZ Pro Bridgebox

4" (10.2cm)
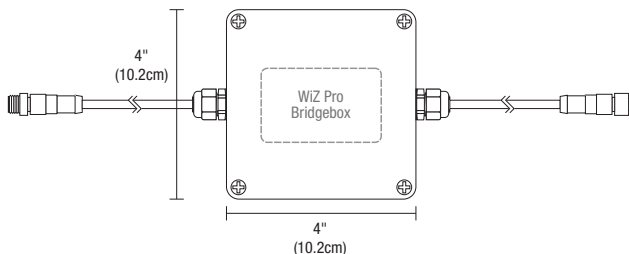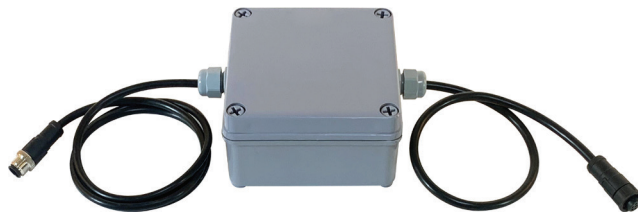
Product	Type	Wattage	Controls	Type	Option	System
BR	**JBC**	**96W**	**WZ**	**TC5W5**	**W**	**FN**
BR Bridgebox for LED Soft Strip and Flex Neon	**JBC** Outdoor Junction Box with two Barrel Connectors, 4 conductor input and 6 conductor output.	**96W** 96 Watts	**WZ** Wiz Connected Bridgebox Included	**DW** Static White	**W** Wet Location	**CL** Ceiling Linear
				TW Tunable White		**FN** Flex Neon
				TC5W5 5 Watts RGB & 5 Watts Tunable White		**SB** Saber
				TC5W7 5 Watts RGB & 7 Watts Tunable White		
				TC5W10 5 Watts RGB & 10 Watts Tunable White		

PROJECT		FIXTURE TYPE		DATE	

OUTDOOR EXTRA PARTS
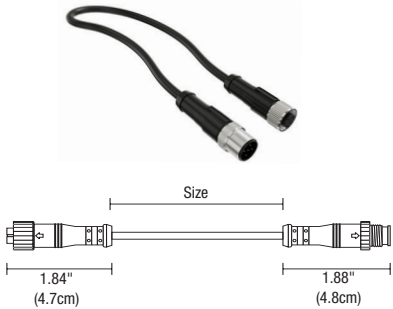
RGBTW 24VDC POWER OUTPUT CABLE 6 PIN CONNECTOR WET LOCATION

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.

Size

1.84" (4.7cm)   1.88" (4.8cm)

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
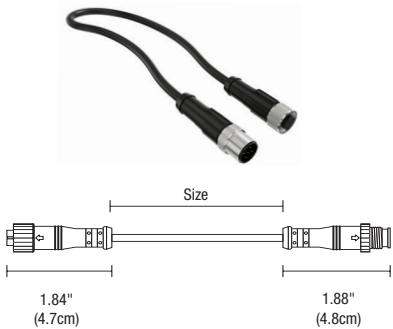
STATIC WHITE (DW) AND TUNABLE (TW) 24VDC INPUT POWER 4 PIN CABLE CONNECTOR WET LOCATION

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.

Size

1.84" (4.7cm)   1.88" (4.8cm)

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

STATIC WHITE (DW) AND TUNABLE (TW) 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.
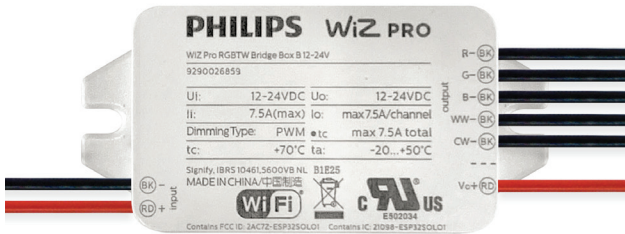
Product		Type		Option
SS	–	TC	–	W

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

PROJECT		FIXTURE TYPE		DATE	

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24VDC, POWER SUPPLY FOR REMOTE BRIDGEBOX

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OUTDOOR EXTRA PARTS
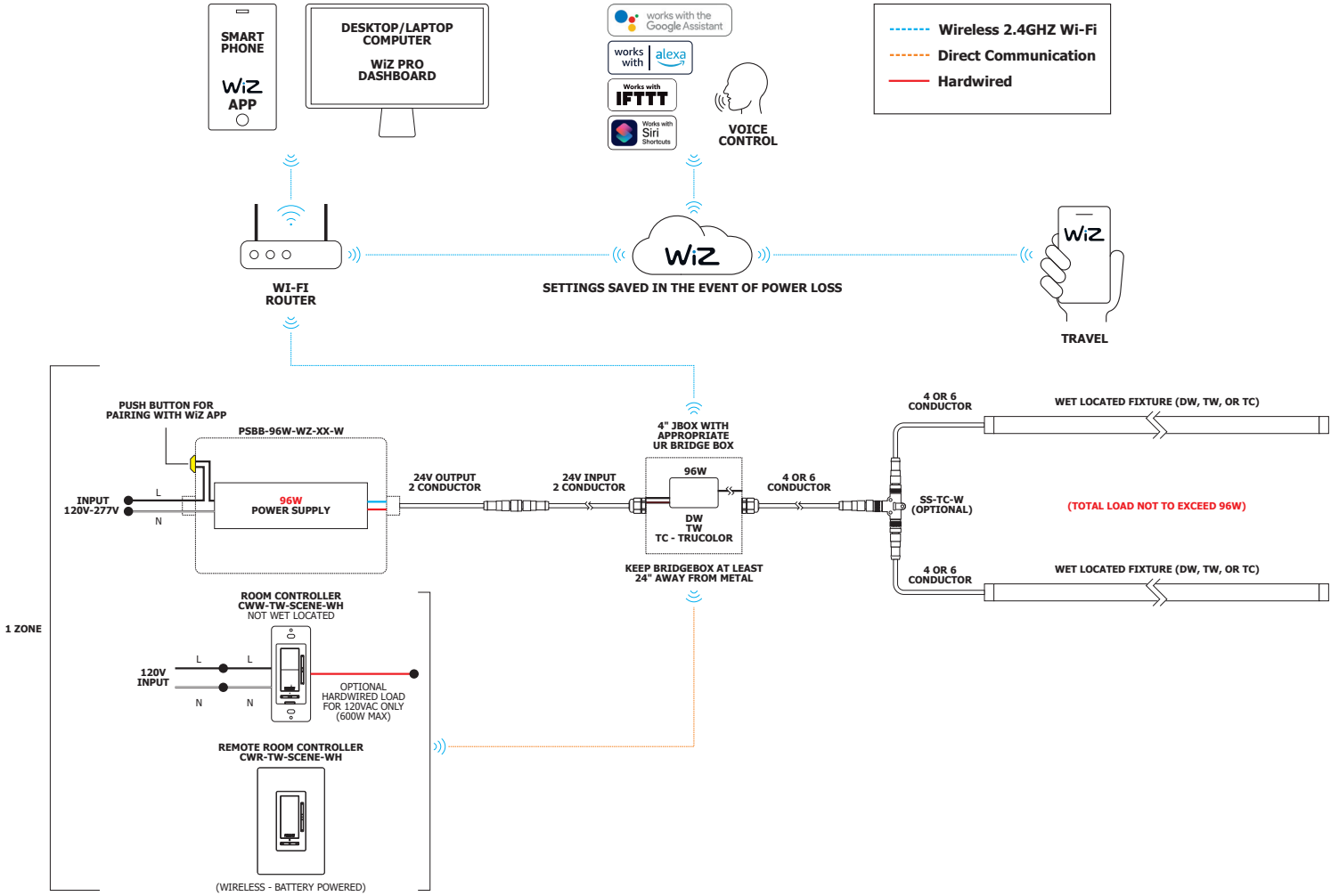

PURE SMART/WIZ PRO UR BRIDGEBOX

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**	

Type	Wattage	Color Temperature Options	System
BRBOX Bridgebox	**UR96W** 96 Watt UR Bridgebox	**DW** Static White	**CL** Ceiling Linear
		TW Tunable White	**FN** Flex Neon
		TC5W5 5 Watts RGB & 5 Watts Tunable White	**SB** Saber
		TC5W7 5 Watts RGB & 7 Watts Tunable White	
		TC5W10 5 Watts RGB & 10 Watts Tunable White	

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APPLICATION DIAGRAM

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PROJECT		FIXTURE TYPE		DATE	

PURE SMART™ Wi-Fi 120V ROOM CONTROLLER
CONNECTED BY WiZ PRO

REV 05.06.24

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.

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

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. Single Pole or 3-way compatible. 3-way can be achieved by assigning two room controllers (CWW-TW-SCENE or CWR-TW-SCENE-WH) to the same target/room/fixture. 3-way can also be achieved with a room controller in combination with the Pure Smart Dimmer (SWW-DIM-WH), or the Pure Smart Switch (SWW-SWT-WH) by assigning the dimmer or switch as a target to the room controller.

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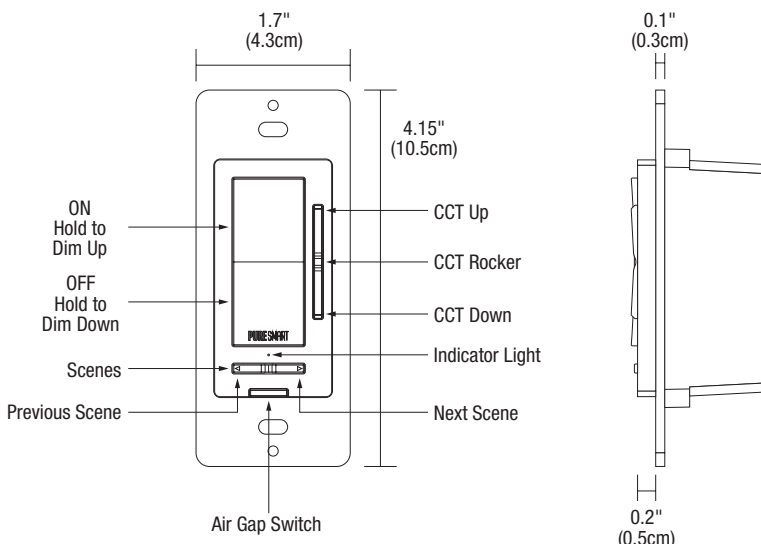
BODY
Durable polycarbonate body, compatible with decorator style wall plate (not included).

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

WORKS WITH WiZ | works with alexa | works with Google Home

Works with Siri Shortcuts | Works with IFTTT

Product	Type	Finish
CWW	**TW-SCENE**	**WH**

CWW 120V Controller, Wall Mount, WiZ Pro connected   TW-SCENE Tunable White + Scenes   WH White

1.7" (4.3cm)
4.15" (10.5cm)
0.1" (0.3cm)
0.2" (0.5cm)

ON Hold to Dim Up
OFF Hold to Dim Down
Scenes
Previous Scene
CCT Up
CCT Rocker
CCT Down
Indicator Light
Next Scene
Air Gap Switch

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PROJECT		FIXTURE TYPE		DATE	

PURE SMART™ Wi-Fi REMOTE ROOM CONTROLLER
CONNECTED BY WiZ PRO FOR TABLE TOP OR WALL

REV 05.06.24

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 (not included) 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 (not included) 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.

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.
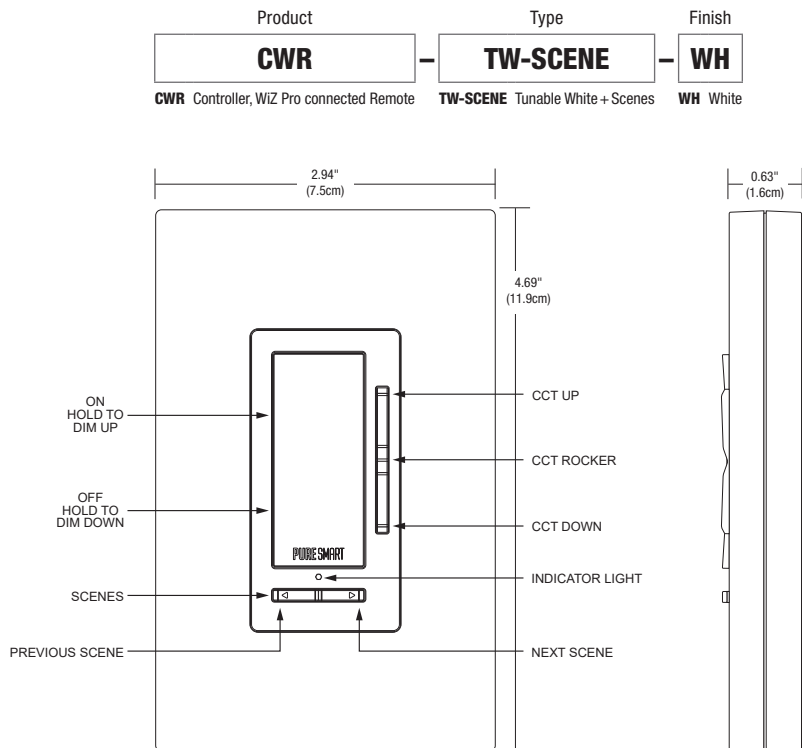
BODY

Durable polycarbonate body.

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 (not included)
Certification	cULus, FCC
Compatible Load(s)	WiZ Connected products only
Maximum Power	No Load Maximum
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

Product	Type	Finish
CWR	**TW-SCENE**	**WH**
CWR Controller, WiZ Pro connected Remote	TW-SCENE Tunable White + Scenes	WH White

2.94" (7.5cm)
0.63" (1.6cm)
4.69" (11.9cm)

ON HOLD TO DIM UP — CCT UP
CCT ROCKER
OFF HOLD TO DIM DOWN — CCT DOWN
INDICATOR LIGHT
SCENES — NEXT SCENE
PREVIOUS SCENE

PROJECT | FIXTURE TYPE | DATE