PSBR-96W-24VDC
24 VOLT DC, POWER SUPPLY FOR REMOTE BRIDGE BOX

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA
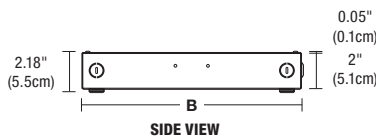
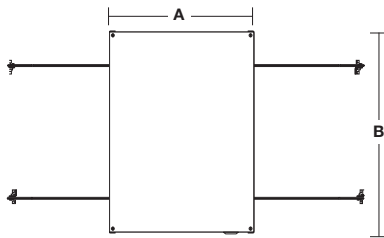**PURE | EDGE** Pure Smart Lighting | **WiZ PRO**

PSBR-96W-24VDC

TOP VIEW

SIDE VIEW

2.18" (5.5cm)
0.05" (0.1cm)
2" (5.1cm)
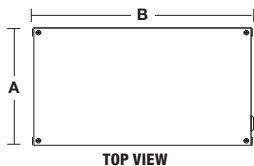
PSBR-96W-24VDC-TB
(T-BAR GRID CEILING)

STANDARD & T-BAR DIMENSIONS

	A	B
PSBR-60W-24VDC	3.12"	12.4"
PSBR-96W-24VDC	3.12"	12.4"
PSBR-2X96W-24VDC	6.48"	12.15"
PSBR-3X96W-24VDC	10"	14"

PSBR-96W-24VDC-IW
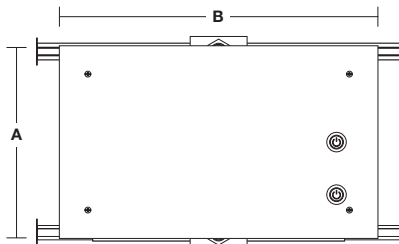
PSBR-2X96W-24VDC-IW (IN WALL KIT)

IN-WALL DIMENSIONS

	A	B
PSBR-60W-24VDC-IW	3.12"	12.4"
PSBR-96W-24VDC-IW	5.1"	14.25"
PSBR-2X96W-24VDC-IW	8.5"	14.25"

DESCRIPTION
Pure Smart™ PSBR Power Supply for Remote Bridgebox accepts an input voltage of 120-277VAC and outputs 24VDC power up to 3X96 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 and Bridgebox into pairing mode. In Wall Power Supply Kit includes Power Supply, Box Cover, and stud hangers for installing Junction Box in-wall. Indoor applications only. (CV and UR Bridgeboxes Sold Separately).

APPLICATIONS
Indoor - To avoid overheating the power supply, install it in a ventilated remote location with sufficient air flow. Maintain proper spacing between power supplies when multiple power supplies are installed in the same location.

MOUNTING
Surface mounted with conduit access

POWER INPUT
120-277VAC

POWER OUTPUT
Class 2; 24 volts DC 4A, up to 3x96 watts maximum

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

BRIDGEBOXES (REQUIRED)
- RGBTW Bridgebox
- Tunable White Bridgebox
- Static White Bridgebox

The Pure Smart CV96W Slim Profile Bridgebox is utilized in applications that require our 1" Rectangle canopy with 4 gang junction box and enables wireless control of a 5 channel RGBTW LED load with the WiZ Pro wireless control ecosystem

- UR RGBTW Bridgebox
- UR Tunable White Bridgebox
- UR Static White Bridgebox

The Pure Smart Type UR Bridgebox is utilized in applications utilizing a 4" square deep junction box, suspensions, and as a standalone with no junction box.

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 Wi-Fi. No Hub needed. Voice control with Goggle Assistant, Alexa, Siri,Shortcuts, and IFTTT.

EFFICIENCY
90%

AMBIENT OPERATING TEMPERATURE
-25° C to 90° C

COMPLIANCE
Made in the USA, UL, CE,

Product	Wattage	Voltage	Options
PSBR	**96W**	**24VDC**	**STANDARD** (Leave Blank)
PSBR Power Supply for Remote Bridgebox	**60W** 60 Watts **96W** 96 Watts **2X96W** 2 x 96 Watts **3X96W** 3 x 96 Watts	**24VDC** 24 Volt DC	**TB** T-Bar Grid **IW*** Ceiling In-Wall Kit *Excludes 3X96W

PROJECT		FIXTURE TYPE		DATE	

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COMPONENTS J-box, Split Canopies, & Mounting Clips are included and sold separately for replacement only

2 Conductor Class 2, 14 AWG

PSBR-96W-24VDC
96W Power Supply
(Sold Separately)

3.72"
(9.4cm)

7.74"
(19.7cm)

7.74"
(19.7cm)

3.88"
(9.9cm)
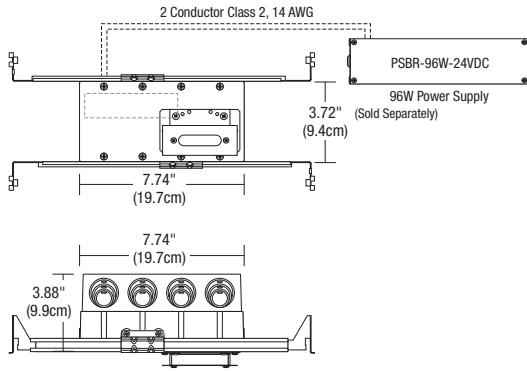
1" RECTANGLE CANOPY WITH 4 GANG JUNCTION BOX AND PURE SMART WIZ PRO CV BRIDGEBOX

The slim profile 1RE Canopy with 4 Gang Junction Box come with adjustable hanger bars and a Pure Smart WiZ Pro CV Bridgebox allowing for wireless control of your CCT selection. Two Class 2, 14AWG stranded conductors from the Remote Power Supply up to 40 ft away are required.

| System	Canopy	Control	Color Temperature	System Code
BR	**1RE4G**	**WZ**	**TC5W5**	**CL**

System		Canopy		Control		Color Temperature		System Code	
BR	Bridgebox	**1RE4G**	1" Rectangle Canopy with 4 Gang Junction Box	**WZ**	WiZ pro Connected CV Smart Bridgebox Included	**DW**	Static White	**CG**	Ceiling Geometric
						TW	Tunable White	**CL**	Ceiling Linear
						TC5W5	TruColor™ 5 watts RGB & 5 watts Tunable White	**FN**	Flex Neon
								LC	Light Channel
						TC5W7	TruColor™ 5 watts RGB & 7 watts Tunable White	**SS**	Soft Strip/Led Strip
								VN	Vanity
						TC5W10*	TruColor™ 5 watts RGB & 10 watts Tunable White		
						*Not available for FN or LC			

7.74"
(19.7cm)

3.72"
(9.4cm)

7.74"
(19.7cm)

3.88"
(9.9cm)
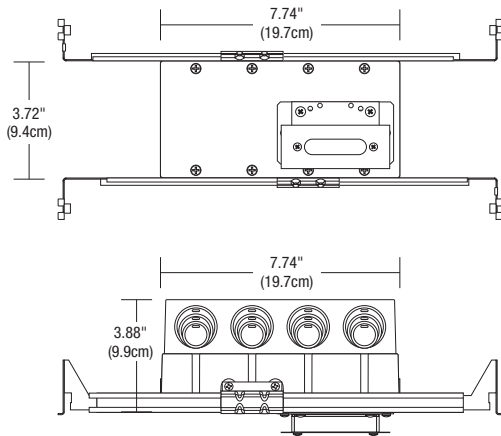
CEILING SURFACE 1" RECTANGLE CANOPY & 4 GANG JUNCTION BOX

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.

System	Canopy
BR	**1RE4G**

System		Canopy	
BR	Bridgebox	**1RE4G**	1" Rectangle Canopy with 4 Gang Junction Box

4"
(10.2cm)

4"
(10.2cm)
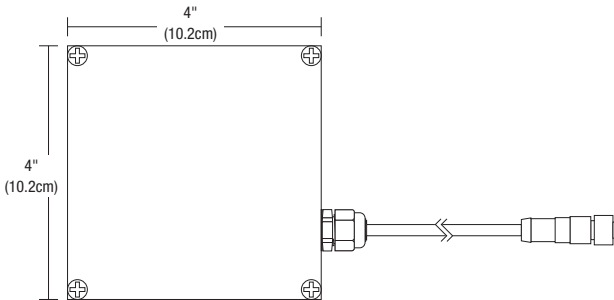
SURFACE 4" SQUARE GANG JBOX AND PURE SMART WIZ PRO UR BRIDGEBOX (INCLUDED WITH ORDERING CODE)

The 4" Square Junction Box located on surface wall includes pin quick connect barrel connectors for fast and secure connection to the fixture. Pure Smart WiZ Pro CV Bridgebox allowing for wireless control of your CCT selection. Requires two Class 2, 14 AWG stranded conductors from the Remote Power Supply up to 40 ft away are required. Can be quick shipped for rough-in. Wall mount only.

Type	Component	Wattage	Control System	Color Temperature Options	System
BR	**4SQ**	**96W**	**WZ**	**TC5W5**	**CL**

Type		Component		Wattage		Control System		Color Temperature Options		System	
BR	Bridgebox	**4SQ**	4 Square Junction Box, one 4ft Plenum rated cords with pinned barrel connectors	**96W**	96 Watts	**WZ**	WiZ pro Connected UR Smart Bridgebox Included	**DW**	Static White	**CG**	Ceiling Geometric
								TW	Tunable White	**CL**	Ceiling Linear
								TC5W5	TruColor™ 5 watts RGB & 5 watts Tunable White	**SG**	Suspension Geometric
								TC5W7	TruColor™ 5 watts RGB & 7 watts Tunable White	**SL**	Suspension Linear
								TC5W10*	TruColor™ 5 watts RGB & 10 watts Tunable White		

PROJECT		FIXTURE TYPE		DATE	

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PSBR-96W-24VDC
24 VOLT DC, POWER SUPPLY FOR REMOTE BRIDGE BOX

PURE EDGE
Pure Smart Lighting

WiZ PRO

REV 06.03.24

PURE SMART/WIZ PRO CV BRIDGEBOX

WiZ Pro CV Bridgeboxes are included with 1R4 Canopy and allow for integration into the WiZ Pro wireless control ecosystem. The part numbers below are to be used for replacement only. Pure Smart/WiZ Pro CV Bridgeboxes are pre-programmed with Pure Smart app icons, and proprietary color mixing.

Type		Component		Color Temperature Options		System	
BRBOX	–	**CV96W**	–	**TC5W5**	–	**CL**	

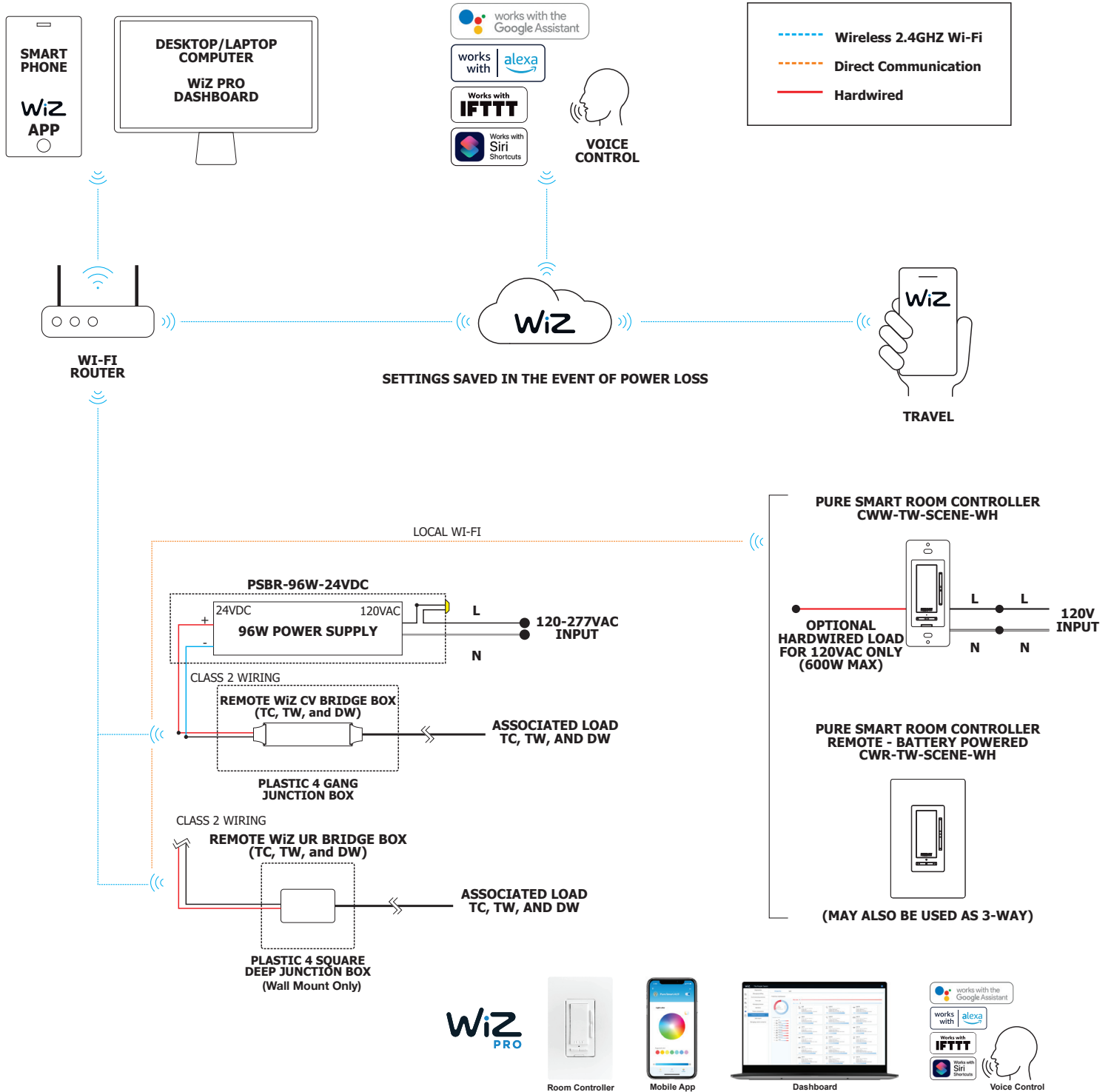| Type	Component	Color Temperature Options		System	
BRBOX Bridgebox	**CV96W** Slim Profile WiZ Bridgebox	**DW**	Static White Dimmable	**CG**	Ceiling Geometric
	WiZ PRO	**TW**	Tunable White 2K6K	**CL**	Ceiling Linear
		TC5W5	TruColor™ 5 watts RGB & 5 watts Tunable White	**FN**	Flex Neon
				LC	Light Channel
		TC5W7	TruColor™ 5 watts RGB & 7 watts Tunable White	**RC**	Recessed Circle
				RV	Recessed Curved
		TC5W10*	TruColor™ 5 watts RGB & 10 watts Tunable White	**RL**	Recessed Linear
				RS	Recessed Square
				SG	Suspension Geometric
				SL	Suspension Linear
				SS	Soft Strip/LED Strip
				VN	Vanity
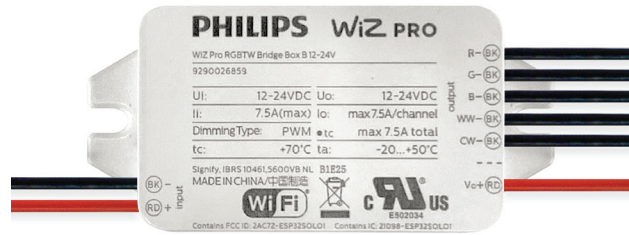
PURE SMART/WIZ PRO UR BRIDGEBOX

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.

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 Dimmable	**CG**	Ceiling Geometric
		TW	Tunable White 2K6K	**CL**	Ceiling Linear
	WiZ PRO	**TC5W5**	TruColor™ 5 watts RGB & 5 watts Tunable White	**FN**	Flex Neon
				LC	Light Channel
		TC5W7	TruColor™ 5 watts RGB & 7 watts Tunable White	**RC**	Recessed Circle
				RV	Recessed Curved
		TC5W10*	TruColor™ 5 watts RGB & 10 watts Tunable White	**RL**	Recessed Linear
				RS	Recessed Square
				SG	Suspension Geometric
				SL	Suspension Linear
				SS	Soft Strip/LED Strip
				VN	Vanity

PROJECT		FIXTURE TYPE		DATE	

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PSBR-96W-24VDC
24 VOLT DC, POWER SUPPLY FOR REMOTE BRIDGE BOX

PURE | **EDGE** | Pure Smart Lighting | **WiZ PRO**

REV 06.03.24

SMART PHONE
WiZ APP

DESKTOP/LAPTOP COMPUTER
WiZ PRO DASHBOARD

works with the Google Assistant
works with alexa
Works with IFTTT
Works with Siri Shortcuts

VOICE CONTROL

---- Wireless 2.4GHZ Wi-Fi
---- Direct Communication
—— Hardwired

WI-FI ROUTER

WiZ
SETTINGS SAVED IN THE EVENT OF POWER LOSS

WiZ
TRAVEL

PURE SMART ROOM CONTROLLER
CWW-TW-SCENE-WH

LOCAL WI-FI

PSBR-96W-24VDC

| 24VDC | 120VAC |
| **96W POWER SUPPLY** | |

L
120-277VAC INPUT
N

OPTIONAL HARDWIRED LOAD FOR 120VAC ONLY (600W MAX)

L   L
120V INPUT
N   N

CLASS 2 WIRING

REMOTE WiZ CV BRIDGE BOX
(TC, TW, and DW)

ASSOCIATED LOAD TC, TW, AND DW

PLASTIC 4 GANG JUNCTION BOX

CLASS 2 WIRING

REMOTE WiZ UR BRIDGE BOX
(TC, TW, and DW)

ASSOCIATED LOAD TC, TW, AND DW

PLASTIC 4 SQUARE DEEP JUNCTION BOX
(Wall Mount Only)

PURE SMART ROOM CONTROLLER REMOTE - BATTERY POWERED
CWR-TW-SCENE-WH

(MAY ALSO BE USED AS 3-WAY)

WiZ PRO
Room Controller

Mobile App

Dashboard

works with the Google Assistant
works with alexa
Works with IFTTT
Works with Siri Shortcuts
Voice Control

PROJECT		FIXTURE TYPE		DATE	

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

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.
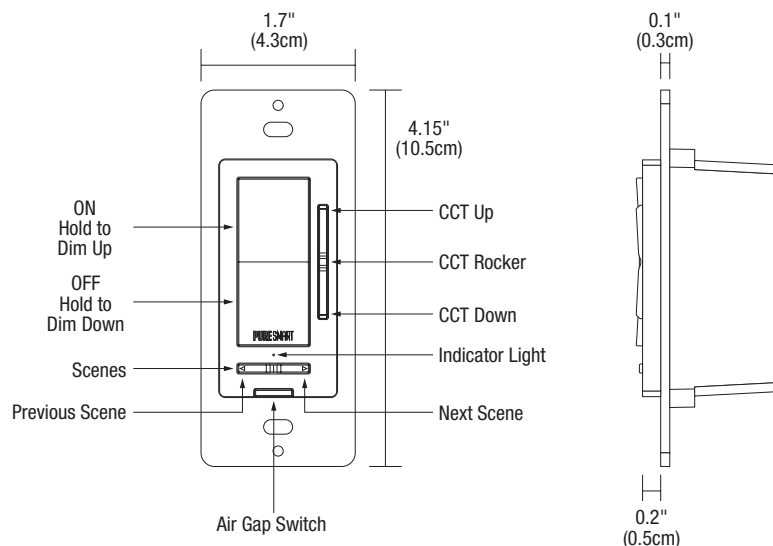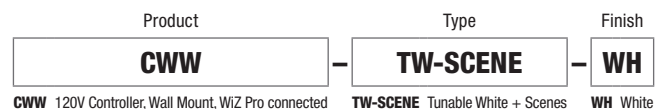
WiZ APP
The Room Controller is added as an accessory in the WiZ app (Available on iOS or Android) and communicates directly to the WiZ enabled light fixture via direct wi-fi signal on Local Area Network (LAN). Voice control enabled when used in conjunction with Google Assistant, Siri, Alexa, IFTTT, and 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

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

PURE EDGE Pure Smart Lighting | **WiZ PRO**

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.
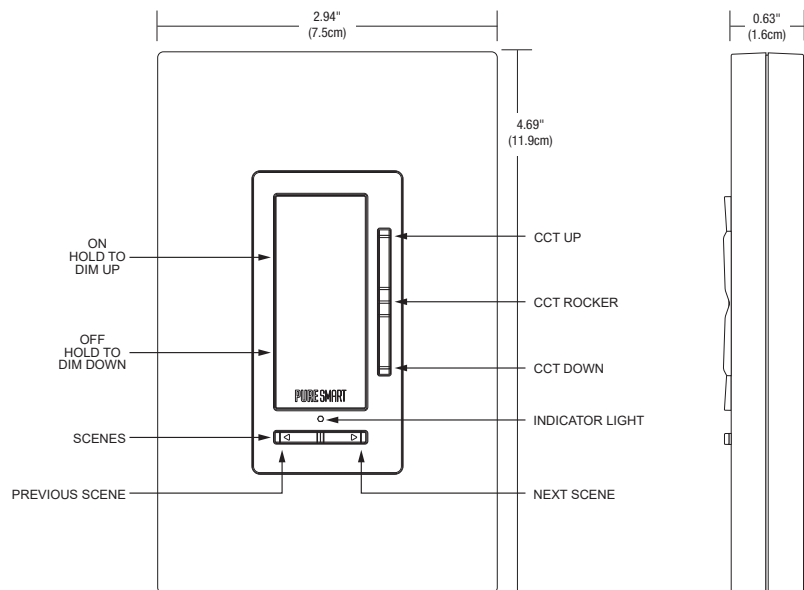
BODY

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

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

Works with Siri Shortcuts | Works with IFTTT

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

Dimensions:
- 2.94" (7.5cm)
- 4.69" (11.9cm)
- 0.63" (1.6cm)

Labels: ON HOLD TO DIM UP, OFF HOLD TO DIM DOWN, SCENES, PREVIOUS SCENE, CCT UP, CCT ROCKER, CCT DOWN, INDICATOR LIGHT, NEXT SCENE

PROJECT	FIXTURE TYPE	DATE

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