PURE SMART™ CV96W DW BRIDGEBOX
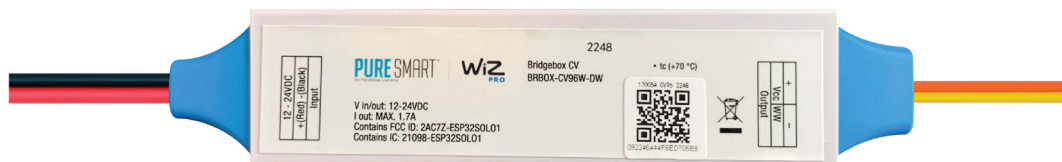## 12V-24VDC, SINGLE CHANNEL STATIC WHITE, CONNECTED BY WiZ PRO

ASSEMBLED IN AMERICA

DESCRIPTION
The Pure Smart™ CV96W Bridgebox DW enables wireless control of a constant voltage, Single Channel, Static White (excluding Warm Dim strip) LED load with the WiZ Pro wireless control ecosystem. The CV96W has both Wi-Fi and Bluetooth connectivity. No Hub Required. Voice control can be achieved by integrating with Alexa, Google Assistant, Siri Shortcuts, Smartthings, and IFTTT. Only for use with a non-dimmable driver (PSBR-96W-24VDC sold separately)

APPLICATIONS
Indoor, dry locations only

POWER INPUT
12V-24VDC
For use with Non-dimmable Driver
PSBR-96W-24VDC

POWER OUTPUT
Class 2; 12V-24VDC, 1.7A max per channel

EFFICIENCY
90%

AMBIENT OPERATING TEMPERATURE
-20° C to 50° C

WiZ APP
The WiZ app allows control from any mobile device. The app offers brightness control, scene selection, circadian rhythm, scheduling, and grouping. Works with Google Assistant, Amazon Alexa, Siri Shortcuts, IFTTT, and SmartThings. The app and CV96W Bridgebox are tuned to specific PureEdge curves, and ranges.

PURE SMART ROOM CONTROLLER (SOLD SEPARATELY)
• Pure Smart™ WiZ Pro 5-Channel Controllers

DIMMING CURVE
PWM Dimming, 2KHz 100-5%

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

INSTALLATION
Intended for installation in Junction Box or PureEdge Power Feed (sold separately)

CONNECTIVITY
Wi-Fi iEEE802.11b/g/n, BLE V4.2

	PSBR-60W-24VDC	PSBR-96W-24VDC	PSBR-2X96W-24VDC	PSBR-3X96W-24VDC
SPECIFICATIONS				
MAXIMUM LOAD	60W	96W	2X96W	3X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"
CLASS 2	•	•	•	•
IN-WALL MOUNTING	•	•		
T-BAR MOUNTING	•	•	•	•
T-BAR CHICAGO PLENUM	•	•	•	

PROJECT		FIXTURE TYPE		DATE	

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PURE SMART™ CV96W DW BRIDGEBOX
12V-24VDC, SINGLE CHANNEL STATIC WHITE, CONNECTED BY WiZ PRO

ASSEMBLED IN AMERICA

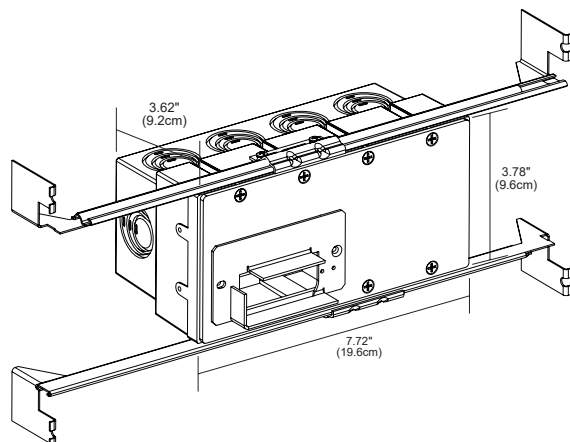| Product	Wattage	Color Temperature	System
BRBOX	**CV96W**	**DW**	**RL**

BRBOX Bridgebox	**CV96W** 96 Watts	**DW** Static White	**CG** Ceiling Geometric	**RV** Recessed Curved
			CH Chandeliers	**RL** Recessed Linear
			CL Ceiling Linear	**RS** Recessed Square
			DS Display	**SB** Saber/Saber Mini
			FN Flex Neon	**SG** Suspension Geometric
			LC Light Channel	**SL** Suspension Linear
			LZ Lazer Line	**SS** Soft/Stomp/LED Strip
			RC Recessed Circle	**VN** Vanity/Mirror

SYSTEM REFERENCE

SYSTEM	CATEGORY	PRODUCT FAMILIES	SYSTEM	CATEGORY	PRODUCT FAMILIES
CG	Ceiling Geometric	Cirrus MIYO	RL	Recessed Linear	Reveal
		Geo Form			Truline
		Free Form			Truline Trim
		Nova MIYO			Veil
CH	Chandeliers	Pipeline Vertex			Verge
		Pix Stix Cirrus	RS	Recessed Square	TruQuad
		Pix Stix Tie Stix	SB	Saber	Saber/Saber Mini
		Pix Stix Zipp	SG	Suspension Geometric	Cirrus MIYO
		Pix Stix Zipp Wave			Nova MIYO
CL	Ceiling Linear	Cirrus Ceiling			Nova Up/Down MIYO
		Glide Ceiling			Pipeline MIYO
		Nova Ceiling			Zipp MIYO
		Pipeline Ceiling	SL	Suspension Linear	Cirrus Suspension
		Zipp Ceiling			Glide Suspension
DS	Display	Pipeline			Nova Suspension
FN	Flex Neon	Flex Neon			Pipeline Suspension
LC	Light Channel	Light Channel .3			Ties Stix Suspension
		Light Channel Micro Grazer			Zipp Suspension
		Light Channel Recessed Millwork	SS	Soft/Stomp/LED Strip	LED Strip Static/Monochromatic
		Light Channel Surface Mount	VN	Vanity/Mirror	Audrey
LZ	Lazer Line	Lazer Line			Mirrors
RC	Recessed Circle	TruCirque			Pipeline
RV	Recessed Curve	TruArch			Tie Stix
		TruCurve			Twiggy

ADDITIONAL COMPONENTS

CV96W fits inside 4 gang junction box.

3.62"
(9.2cm)

3.78"
(9.6cm)

7.72"
(19.6cm)

PURE SMART 4 GANG JUNCTION BOX
Includes a 4 gang Junction Box with adjustable bar hangers. This part can be quick shipped if needed for rough in. Two Class 2, 14 AWG stranded conductors from remote located power supply to JB4G Junction Box.
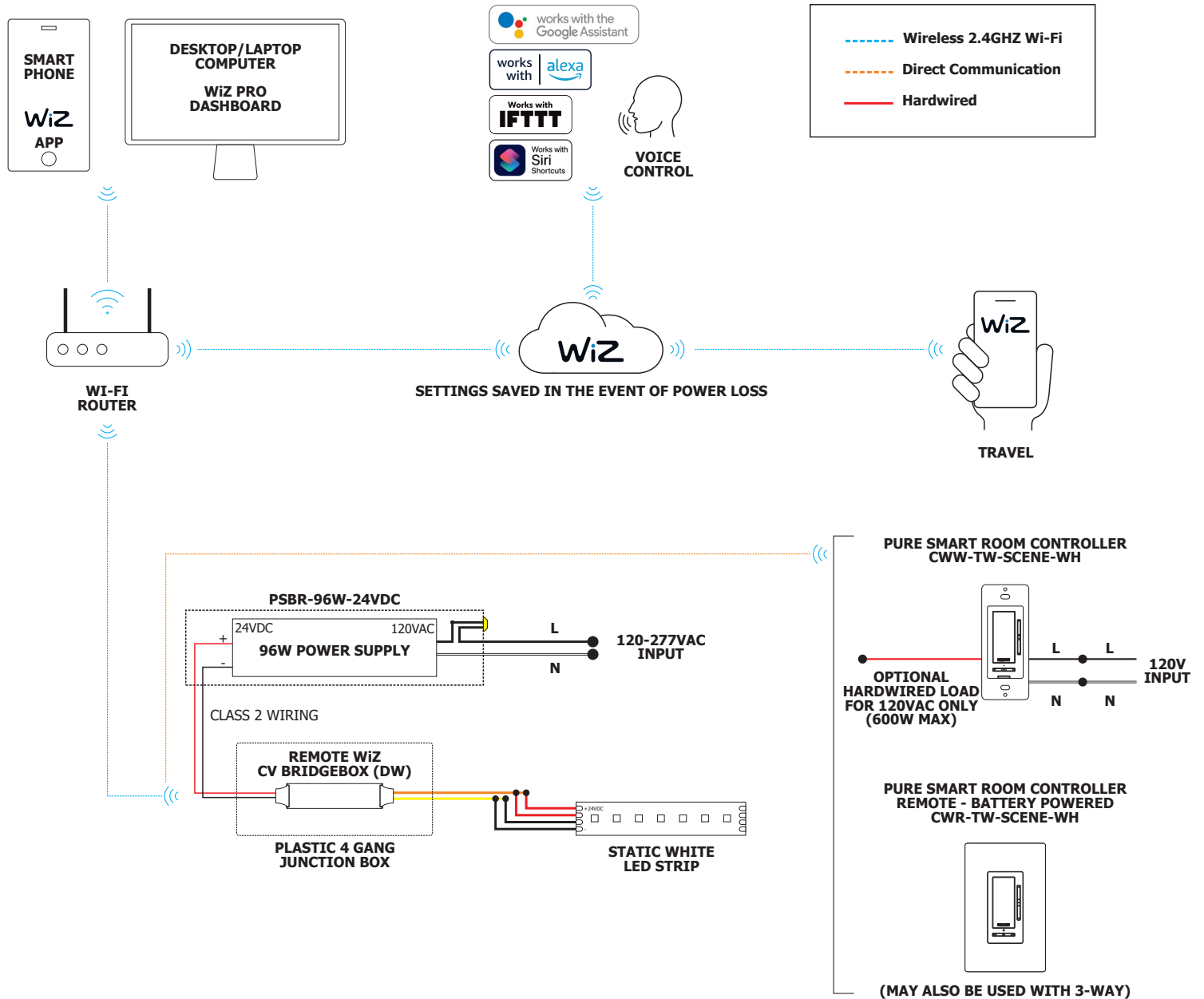
Size	Ceiling/Wall Type
1RE	**JB4G**

1RE 1" Rectangle End Feed | **JB4G** 6 Conductor 4 Gang Junction Box

PROJECT		FIXTURE TYPE		DATE	

PURE SMART™ CV96W DW BRIDGEBOX
12V-24VDC, SINGLE CHANNEL STATIC WHITE, CONNECTED BY WiZ PRO

NETWORK TOPOLOGY & WIRING DIAGRAMS

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

SETTINGS SAVED IN THE EVENT OF POWER LOSS

TRAVEL

PSBR-96W-24VDC
24VDC | 120VAC
96W POWER SUPPLY
L
N
120-277VAC INPUT

CLASS 2 WIRING

REMOTE WiZ CV BRIDGEBOX (DW)

PLASTIC 4 GANG JUNCTION BOX

+24VDC

STATIC WHITE LED STRIP

PURE SMART ROOM CONTROLLER
CWW-TW-SCENE-WH

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

L | L
N | N
120V INPUT

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

(MAY ALSO BE USED WITH 3-WAY)

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.
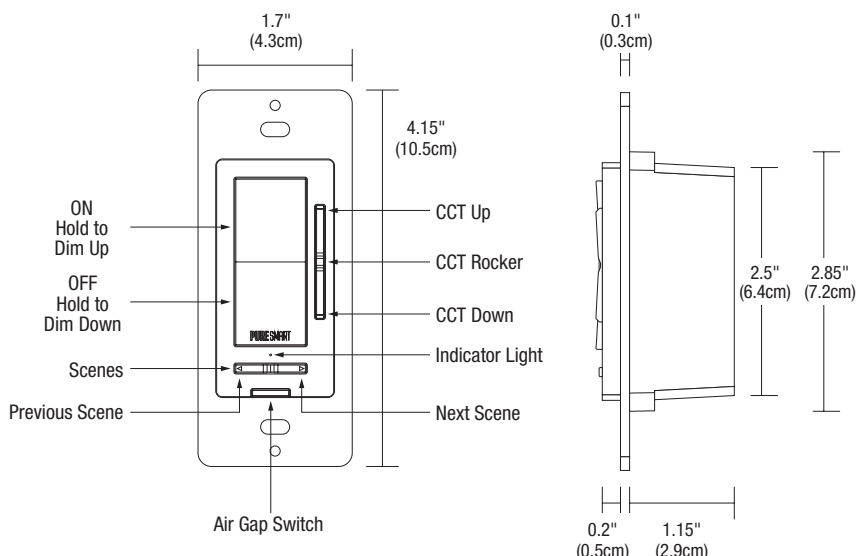
BODY

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

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)
2.5" (6.4cm)
2.85" (7.2cm)
0.2" (0.5cm)
1.15" (2.9cm)

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

PROJECT		FIXTURE TYPE		DATE	

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

REV 10.29.24

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.
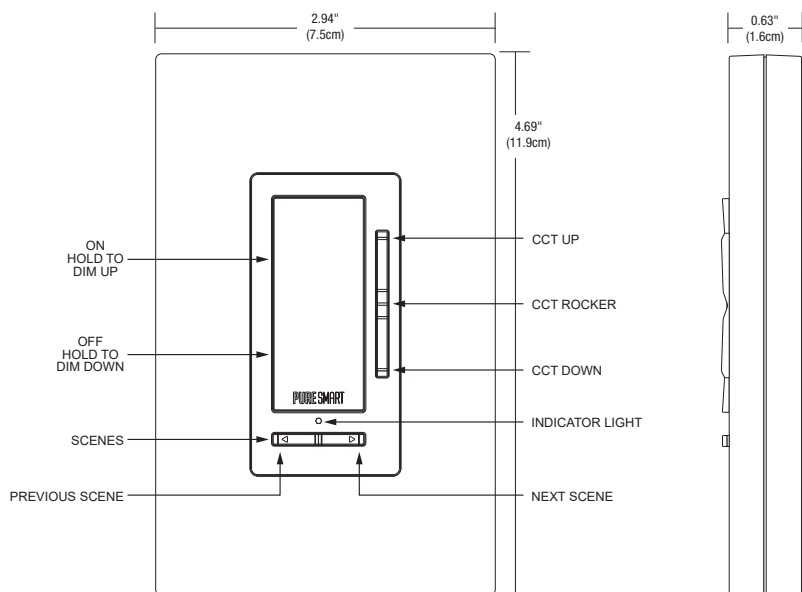
SECURITY

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

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

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

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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