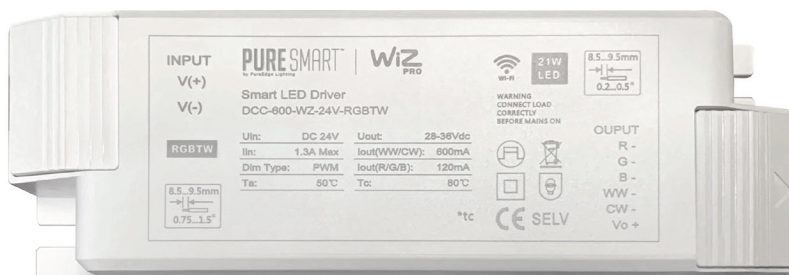


PURE SMART CONSTANT CURRENT DRIVER

5 CHANNEL, CONNECTED BY WIZ PRO

ASSEMBLED IN AMERICA

REV 12.27.23



DESCRIPTION

The Pure Smart WIZ Pro DCC Series, Constant Current 5 Channel Driver takes a 24V constant voltage input (from PSBR-96W-24VDC sold separately) and outputs a 28-36V constant current output to the Luca series downlights from Pure Smart. The driver has an integrated WIZ Pro chip allowing for wireless control of 5 channel TruColor™ RGBTW downlights and seamless integration into the WIZ Pro wireless control ecosystem.

APPLICATIONS

Indoor, Damp Location

DRIVER INPUT

24VDC, For use with PSBR Power Supply.
PSBR-96W-24VDC (Sold Separately).

DRIVER OUTPUT

Tunable White 350,450 & 600 ma RGB 120ma @ 36V

POWER SUPPLY OUTPUT

Class 2; 28-36V

EFFICIENCY

90%

AMBIENT OPERATING TEMPERATURE

-20° C to 50° C

SIZE

5-3/4" Long x 1-7/8" Wide x 1-1/4" High

WIZ APP

The WIZ app allows for control from any mobile device. The app offers CCT and brightness control as well as scene control, dynamic light modes, circadian rhythm, and scheduling. Works with Google Assistant, Amazon Alexa, Siri Shortcuts, IFTTT, and SmartThings. The app and power supply are tuned to specific PureEdge dimming curves, and ranges.

SMART WALL CONTROLLER (SOLD SEPARATELY)

- [Pure Smart™ WIZ Pro Wi-Fi Controller](#)
- [Pure Smart™ Battery Operated Remote Wi-Fi Controller](#)

SECURITY

3rd party log-in and cloud security provide a safe and protected connection.

DIMMING CURVE

PWM, 2kHz, 5-100% Dimming

STANDARD MOUNTING

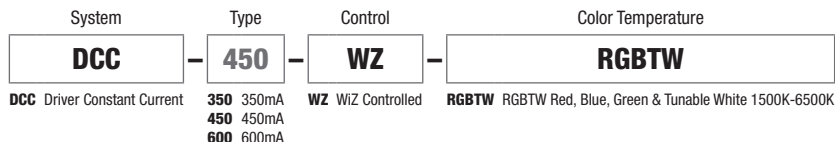
Intended for installation using quick connect system for Luca series TruColor™ RGBTW Downlights.

COMPLIANCE

UL Recognized, RoHS, CE

CONNECTIVITY

Wi-Fi IEEE802.11b/g, BLE 4.2



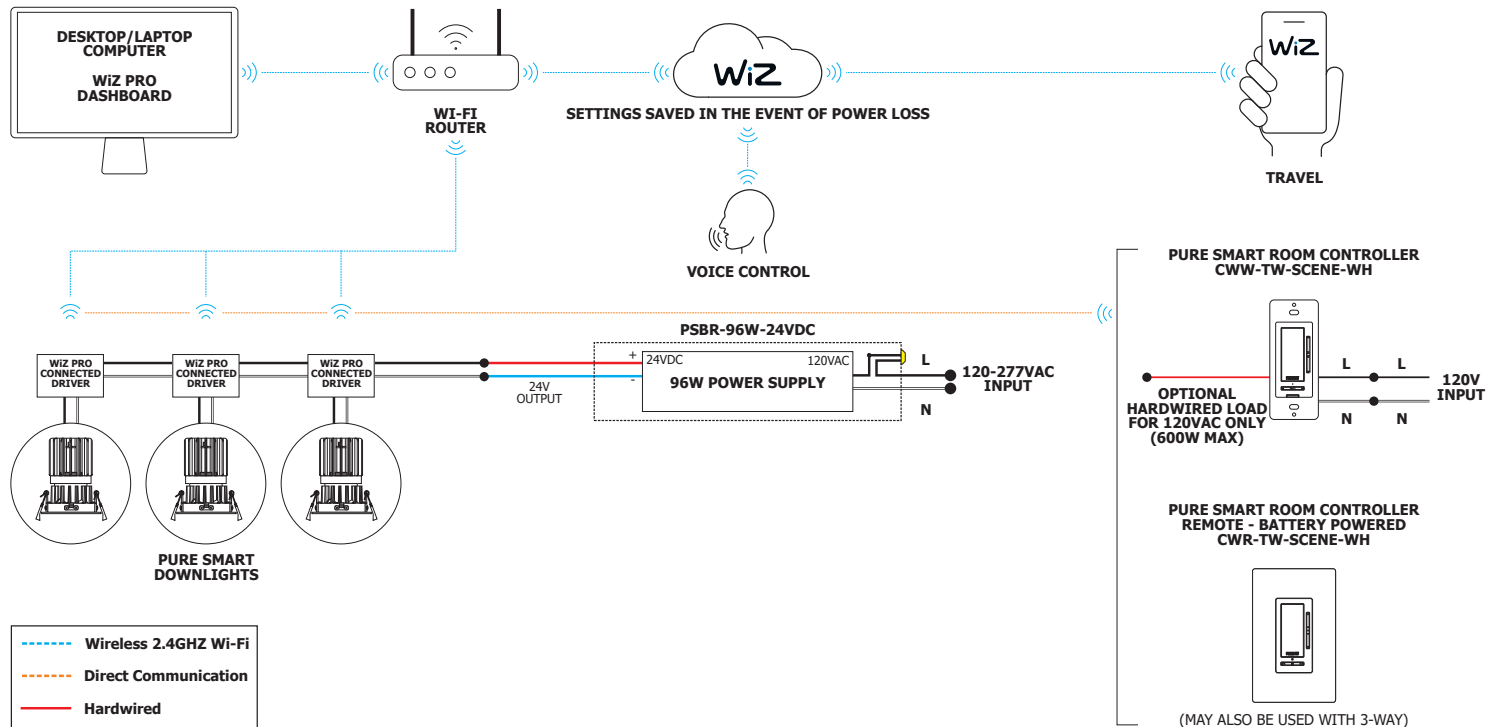
	PSBR-60W-24VDC	PSBR-96W-24VDC	PSBR-2X96W-24VDC	PSBR-3X96W-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	60W	96W	2X96W	3X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X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

PROJECT		FIXTURE TYPE		DATE	
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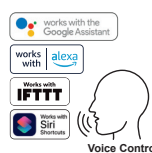
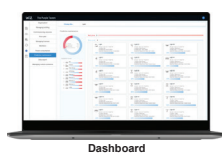
PURE SMART CONSTANT CURRENT DRIVER

5 CHANNEL, CONNECTED BY WIZ PRO

LUCA DOWNLIGHT NETWORK TOPOLOGY



WIZ
 PRO



PROJECT		FIXTURE TYPE		DATE	
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PURE SMART™ Wi-Fi 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. Communicates to the WiZ app and WiZ Pro Dashboard through connection to 2.4GHz Wi-Fi and the cloud. 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. 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

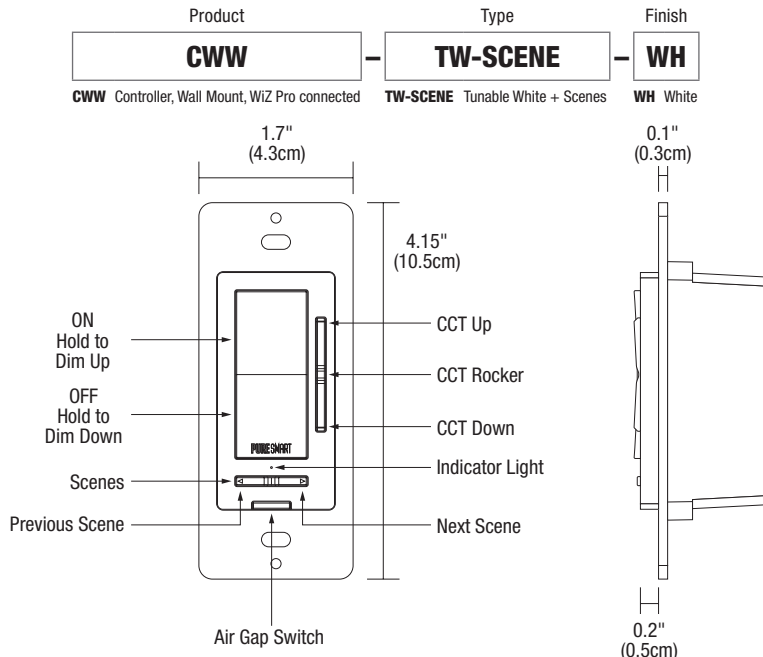
Durable polycarbonate body, compatible with decorator style wall plate (not included).

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



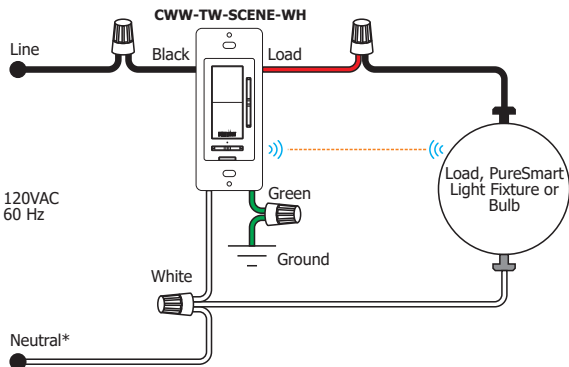
PROJECT		FIXTURE TYPE		DATE	
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PURE SMART CONSTANT CURRENT DRIVER

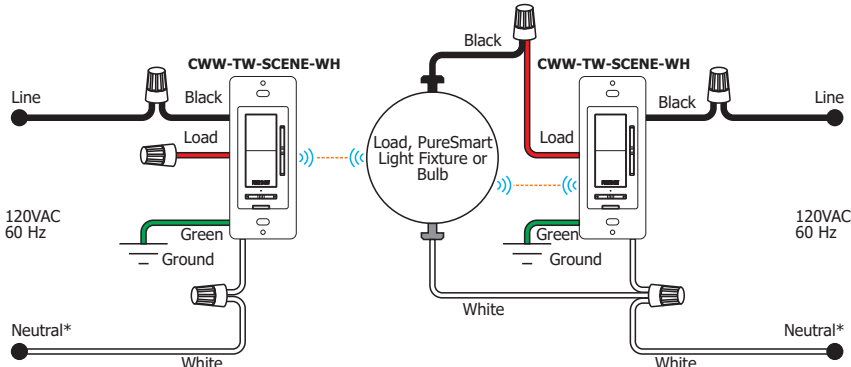
5 CHANNEL, CONNECTED BY WIZ PRO

OPTIONAL WALL CONTROL WIRING DIAGRAMS

CWW-TW-SCENE-WH



MULTI-LOCATION APPLICATION USING TWO CWW-TW-SCENE-WH



PROJECT		FIXTURE TYPE		DATE	
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