

PSBR-96W-24VDC

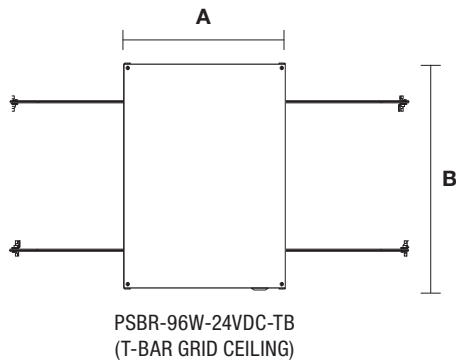
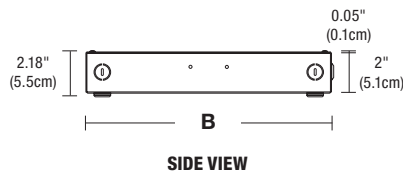
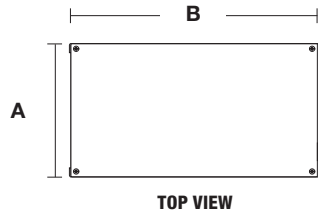
24 VOLT DC, POWER SUPPLY FOR REMOTE BRIDGE BOX

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 03.19.24



PSBR-96W-24VDC



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.

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.

- [CV96W RGBTW Bridgebox](#)

The Pure Smart CV96W Slim Profile RGBTW 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

- [Type UR RGBTW Bridgebox](#)

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

EFFICIENCY

90%

AMBIENT OPERATING TEMPERATURE

-25° C to 90° C

COMPLIANCE

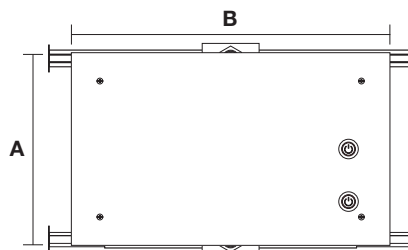
Made in the USA, UL, CE,

| STANDARD & T-BAR DIMENSIONS | | |
|-----------------------------|-------|--------|
| | A | B |
| PSBR-96W-24VDC | 3.12" | 12.4" |
| PSBR-2X96W-24VDC | 6.48" | 12.15" |
| PSBR-3X96W-24VDC | 10" | 14" |

| Product | Wattage | Voltage |
|--|--|------------------|
| PSBR | 96W | 24VDC |
| 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 |



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" |

| PROJECT | FIXTURE TYPE | DATE |
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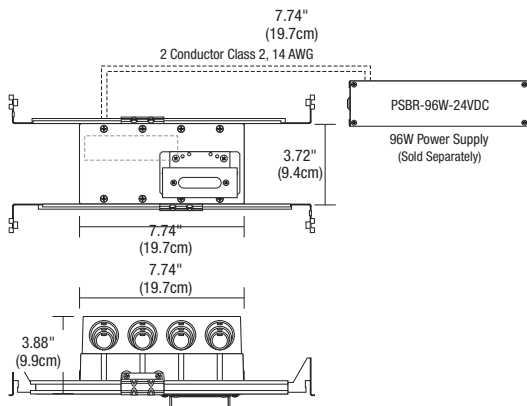
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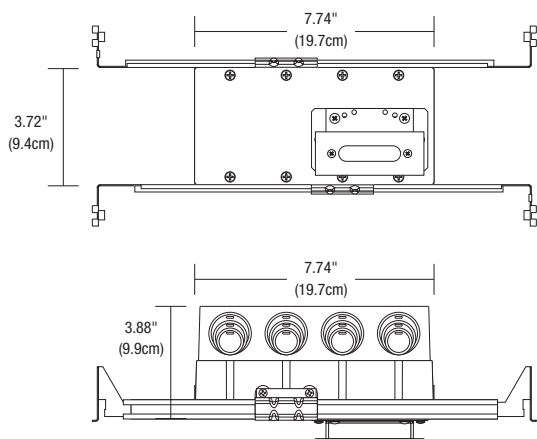
COMPONENTS J-box, Split Canopies, & Mounting Clips are included and sold separately for replacement only



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 5-channel, wireless control of the TruColor RGBTW Flex Neon Luminaire. 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 |
|------------------|---|---|--|--------------------------|
| C | 1RE4G | WZCV | TC5W5 | CL |
| C Channel | 1RE4G 1" Rectangle Canopy with 4 Gang Junction Box | WZCV WiZ pro Connected CV Smart Bridgebox Included | TC5W5 TruColor™ 5 watts RGB & 5 watts Tunable White TC5W7 TruColor™ 5 watts RGB & 7 watts Tunable White | CL Ceiling Linear |



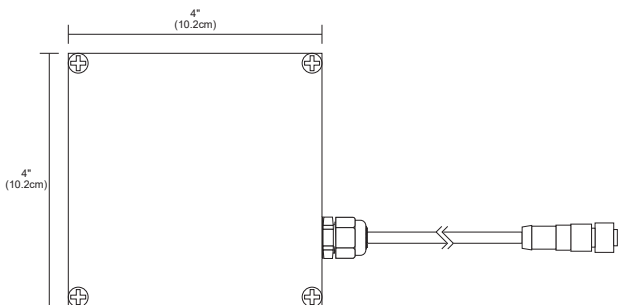
CEILING SURFACE 1" RECTANGLE CANOPY & 4 GANG JUNCTION BOX (INCLUDED WITH COMPLETE FIXTURE ORDERING CODE)

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 |
|------------------|---|
| C | 1R4 |
| C Channel | 1R4 1" Rectangle Canopy with 4 Gang Junction Box |

T BAR CEILING SURFACE 4" SQUARE GANG JBOX AND PURE SMART WIZ PRO UR BRIDGEBOX (INCLUDED WITH ORDERING CODE)

The 4" Square Junction Box located above Tbar ceiling come with adjustable hanger bars, includes 6 pin quick connect barrel connectors for fast and secure connection to the RGBTW Cirrus fixture. Pure Smart WiZ Pro CV Bridge box allowing for 5-channel, wireless control of the TruColor™ RGBTW Cirrus. 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.



| Type | Component | Control System | Color Temperature Options | System |
|------------------------|--|--|--|--------------------------|
| CD | 4SQ1 | WZUR | TC5W5 | CL |
| CD Drop Ceiling | 4SQ1 4 Square Junction Box, one 4ft Plenum rated cords with 6 pin barrel connectors | WZUR WiZ pro Connected UR Smart Bridge box Included | TC5W5 TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White TC5W7 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White | CL Ceiling Linear |

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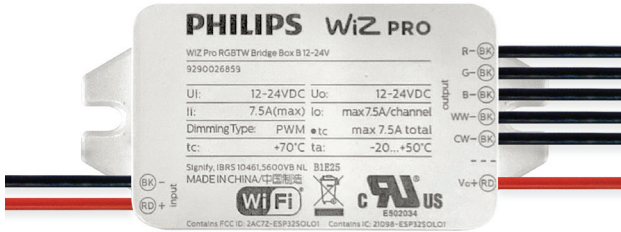
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REPLACEMENT PARTS



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 for tunable white and RGBTW.

| Type | Component | Color Temperature Options | System |
|---------------------|--|---|--------------------------|
| BR | CV96W | TC5W5 | CL |
| BR Bridgebox | 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.

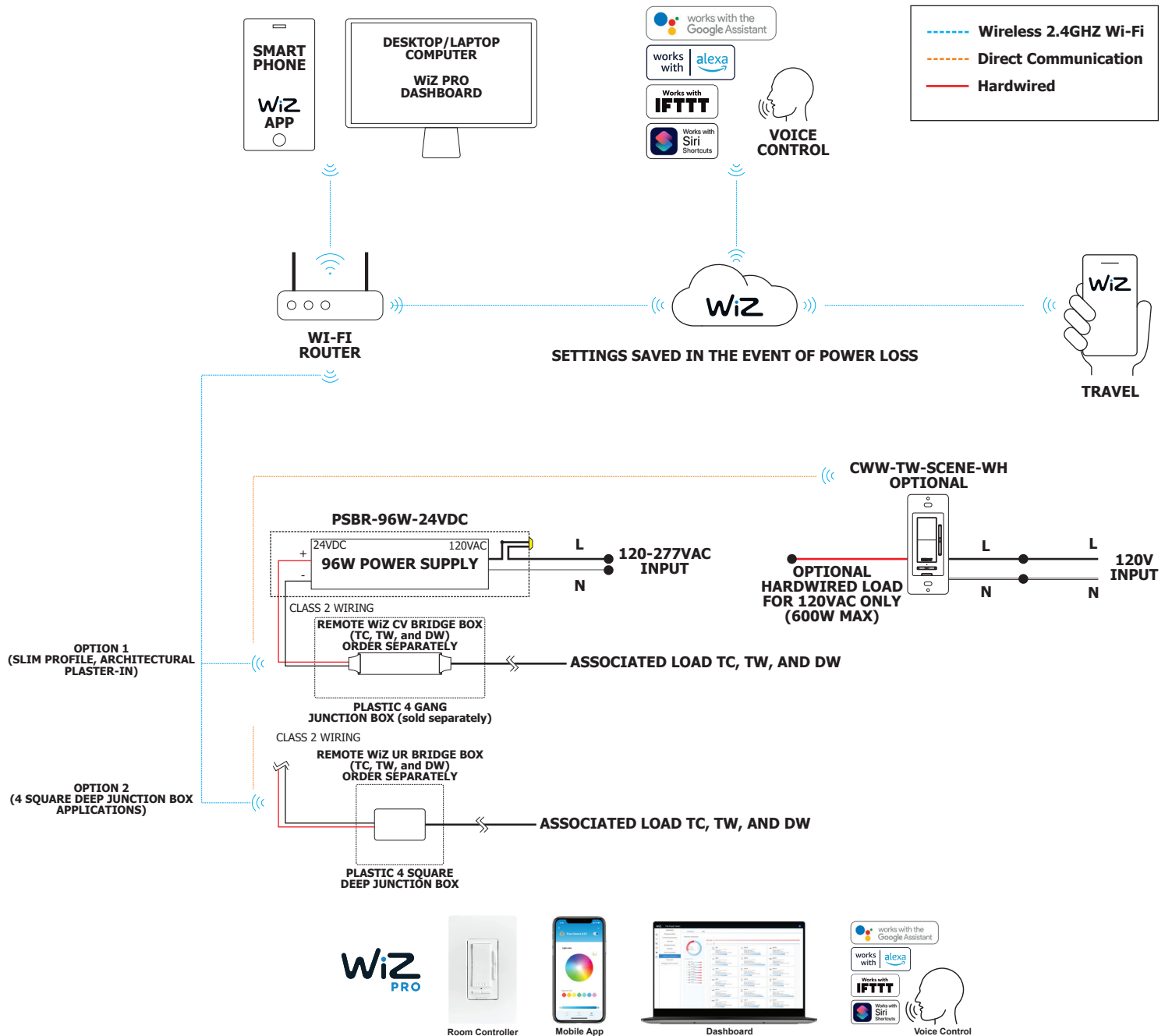
| Type | Wattage | Color Temperature Options | System |
|---------------------|--------------------------------------|---|--------------------------|
| BR | UR96W | TC5W5 | CL |
| BR Bridgebox | UR96W 96 Watt UR Bridgebox | TC5W5 TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White TC5W7 TruColor™ RGBTW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

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