WAC LIGHTING ®

WAC Home - 288W Power Supply

Power Supply Units

This product must be installed in accordance with all applicable national and local electrical and construction codes by a person familiar with the construction and operation of the product and the hazards involved. Failure to comply with the following installation instructions may result in death or serious injury.	Ce produit doit être installé conformément à toutes les réglementations électriques et de construction nationales et locales en vigueur, par une personne familiarisée avec la construction et le fonctionnement du produit, ainsi qu'avec les dangers qu'il présente. Le non-respect des instructions d'installation suivantes peut entraîner des blessures graves, voire mortelles.

CAUTION

Fully disconnect power before installation is started to prevent injury due to electrical shock.

Inspect all parts for visible damage before installation. Cease installation if damage is found.

Do not exceed the safety-rated voltage of the unit.

Do not strip an excessive amount of sheathing from any wiring.

Any modifications of any kind will fully void the product's warranty.

PRUDENCE

Débranchez complètement l'alimentation avant de commencer l'installation afin d'éviter tout risque de choc électrique.
Inspectez toutes les pièces avant l'installation pour déceler tout dommage visible. Arrêtez l'installation en cas de dommage.
Ne dépassez pas la tension nominale de sécurité de l'appareil.
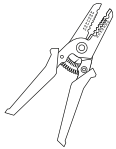Ne dénudez pas excessivement les câbles.

Toute modification, quelle qu'elle soit, annulera la garantie du produit.
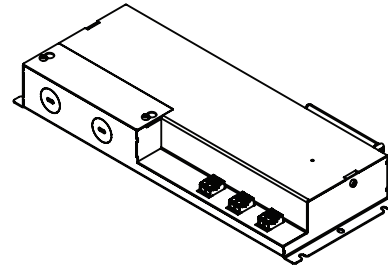
Installation Preparation
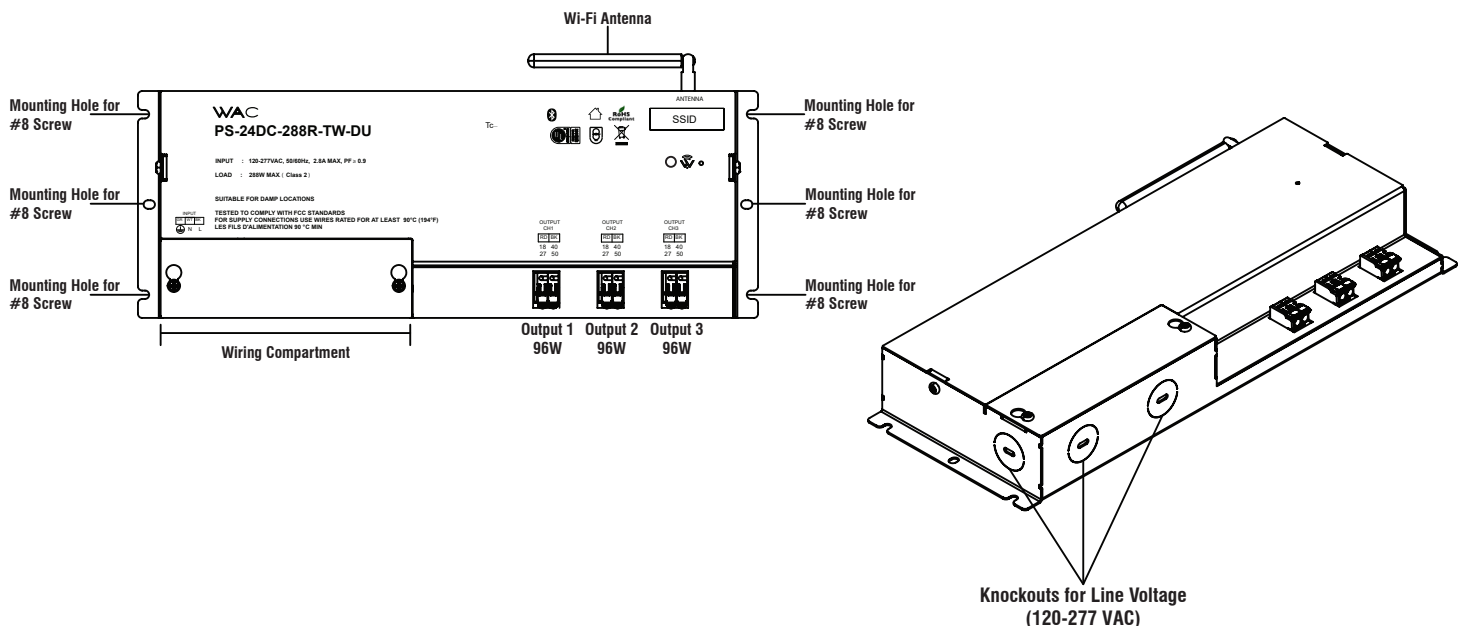
Required tools

#2 Phillips Screwdriver

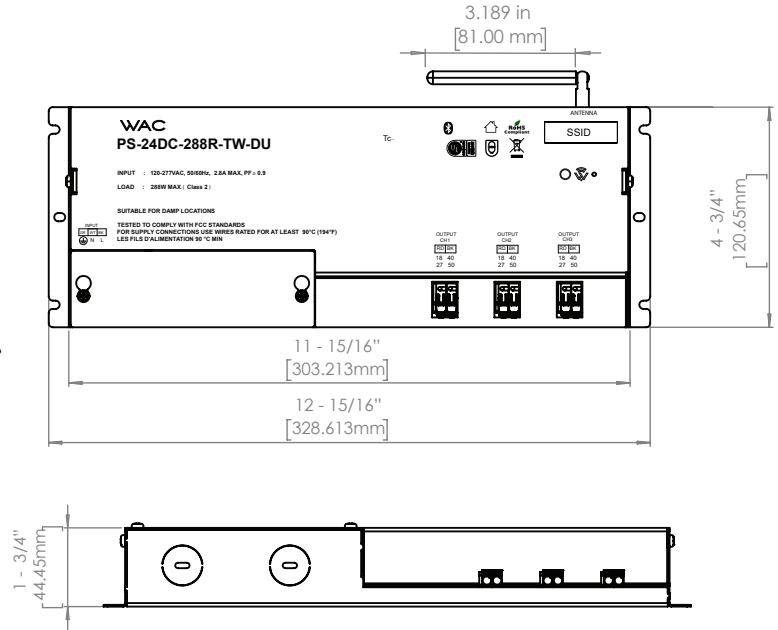20AWG Wire Stripper

WAC Home 288W Power Supply

Component Diagram

Wi-Fi Antenna

Mounting Hole for #8 Screw

Mounting Hole for #8 Screw

Mounting Hole for #8 Screw

Mounting Hole for #8 Screw

Mounting Hole for #8 Screw

Mounting Hole for #8 Screw

PS-24DC-288R-TW-DU

INPUT : 120-277VAC, 50/60Hz, 2.8A MAX, PF ≥ 0.9
LOAD : 288W MAX (Class 2)

SUITABLE FOR DAMP LOCATIONS

TESTED TO COMPLY WITH FCC STANDARDS
FOR SUPPLY CONNECTIONS USE WIRES RATED FOR AT LEAST 90°C (194°F)
LES FILS D'ALIMENTATION 90 °C MIN

ANTENNA

SSID

OUTPUT CH1
OUTPUT CH2
OUTPUT CH3

Output 1 96W
Output 2 96W
Output 3 96W

Wiring Compartment

Knockouts for Line Voltage (120-277 VAC)

waclighting.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters/Eastern Distribution Center
44 Harbor Park Drive
Port Washington, NY 11050

Central Distribution Center
1600 Distribution Ct
Lithia Springs, GA 30122

Western Distribution Center
1750 Archibald Ave
Ontario, CA 91761

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Power Supply Units

3.189 in
[81.00 mm]

ANTENNA

WAC
PS-24DC-288R-TW-DU

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LOAD   :   288W MAX (Class 2)

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SSID

Tc-

OUTPUT CH1   OUTPUT CH2   OUTPUT CH3
18 40   18 40   18 40
27 50   27 50   27 50

4 - 3/4"
[120.65mm]

11 - 15/16"
[303.213mm]

12 - 15/16"
[328.613mm]

1 - 3/4"
[44.45mm]
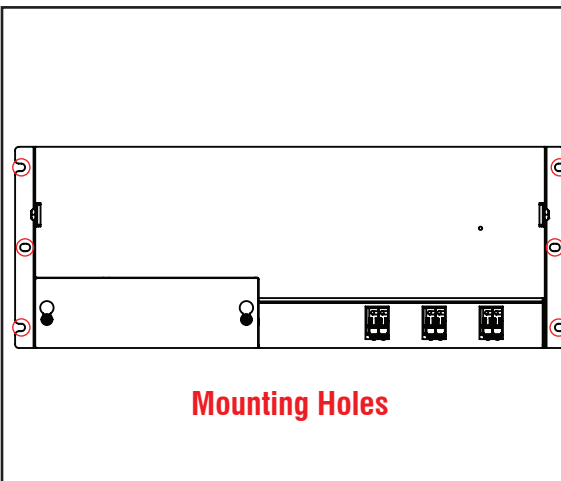
Installation Procedure

| 1 | | Mount the included antenna to the power supply unit by screwing it into the intended port on the top face of the unit, opposite the three exterior connectors. |

| 2 | **Mounting Holes** | Mount the power supply unit to any indoor surface that is distanced from heat sources and is easily accessible for servicing. The screw holes for mounting are located on each side of the case. |

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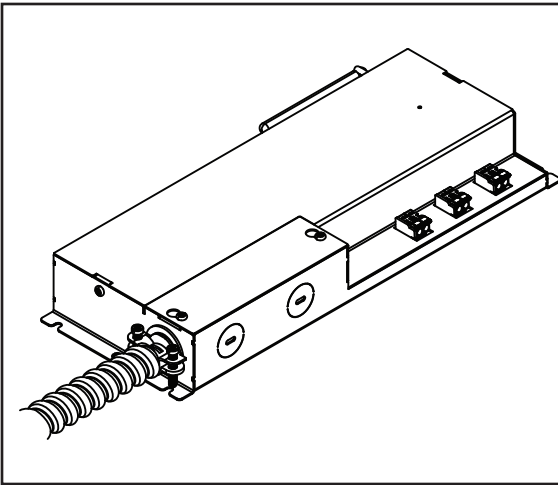## WAC Home - 288W Power Supply

Power Supply Units

3
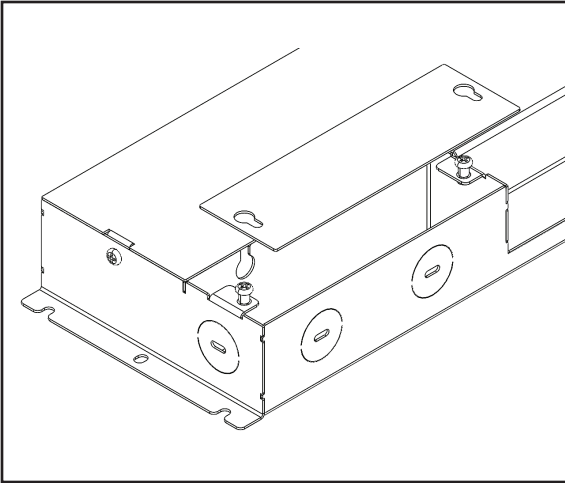
Use a #2 Phillips screwdriver to remove the two (2x) button head screws that are securing the wiring compartment cover, which is the smaller of the two.

4

Remove a knockout from the wiring compartment and install the Romex connector with the provided locknut. Insert the Romex cable through the connector, securing it with the integral cable clamp. Splice the black Romex wire to the black wire from the power supply, the white Romex wire to the white wire from the power supply, and the green or bare copper Romex wire to the green wire from the power supply. All connections should be done with wire nuts.
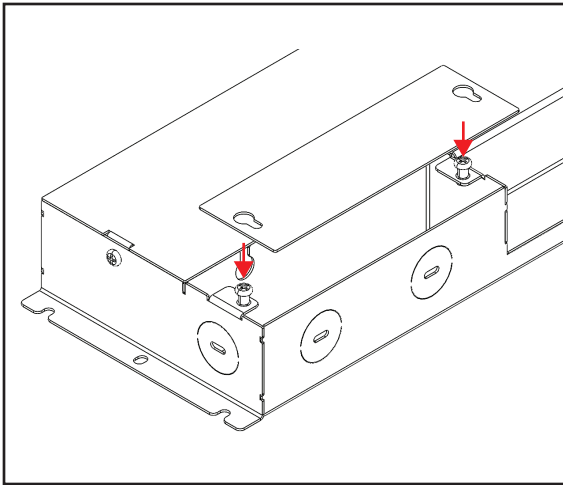
5

Connect the wiring for the desired output to the appropriate terminals located on the outside of the power supply unit.

Output Type	Red Terminal	Black Terminal
Static White (No CCT Adjustment)	+ (24VDC Positive)	- (Negative)
Tunable White (1800K-4000K)	18	40
Tunable White (2700K-5000K)	27	50

Installation Procedure

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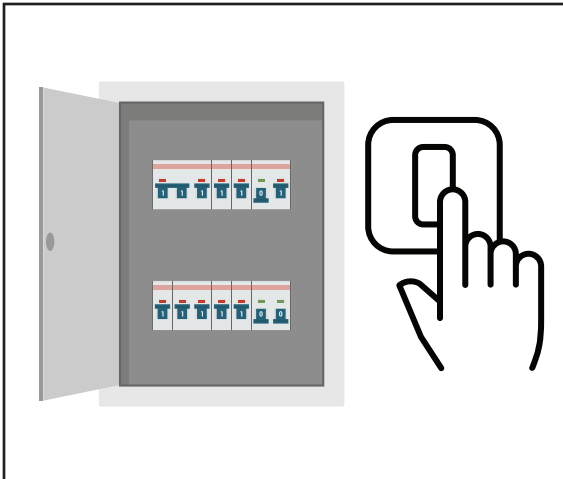## WAC Home - 288W Power Supply

Power Supply Units

6

Slide the cover of the wiring compartment back on and retighten the screws with the #2 Phillips screwdriver.

Setup Procedure

1

After checking the installation, reconnect and turn the power to the system on.

2

ANTENNA

SSID

Tc

Made In China

OUTPUT CH1   OUTPUT CH2   OUTPUT CH3
RD BK   RD BK   RD BK
18 40   18 40   18 40
27 50   27 50   27 50
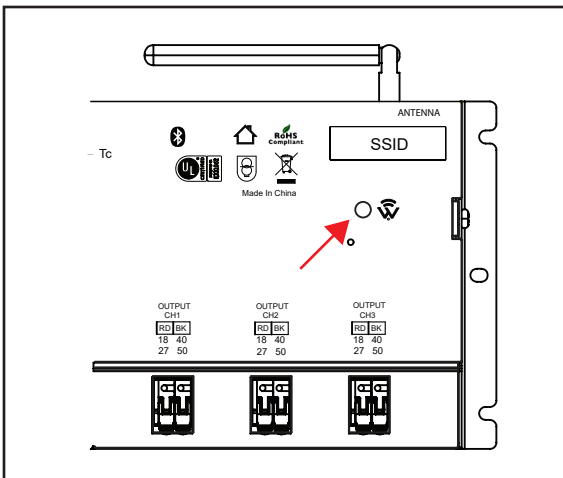
Initiate the pairing mode for the WAC Home system by quickly pressing the black WAC-Mesh button three times. The unit will then enter pairing mode which allows the MyWAC app to link to the system.

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WAC Home - 288W Power Supply   Power Supply Units

Setup Procedure

③

MyWAC

The unit will be in pairing mode for 10 minutes. If the process does not complete in that time, repeat Step #2 of the Setup Procedure.
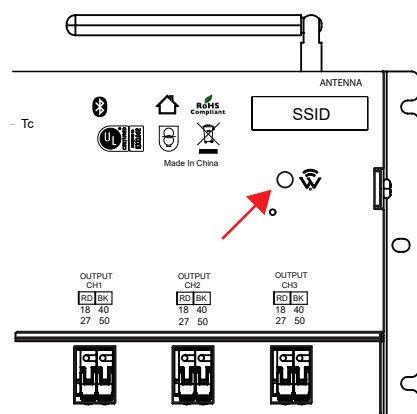
Download the MyWAC App from the App Store (Apple) or Google Play (Android), and follow the in-app instructions to complete the setup and customize your lighting fixtures.

Troubleshooting

ANTENNA

SSID

Tc

Made In China

OUTPUT CH1 RD BK 18 40 27 50
OUTPUT CH2 RD BK 18 40 27 50
OUTPUT CH3 RD BK 18 40 27 50

If needed, press the WAC-Mesh button six times to reboot the unit and press the WAC-Mesh button ten times to perform a factory reset.

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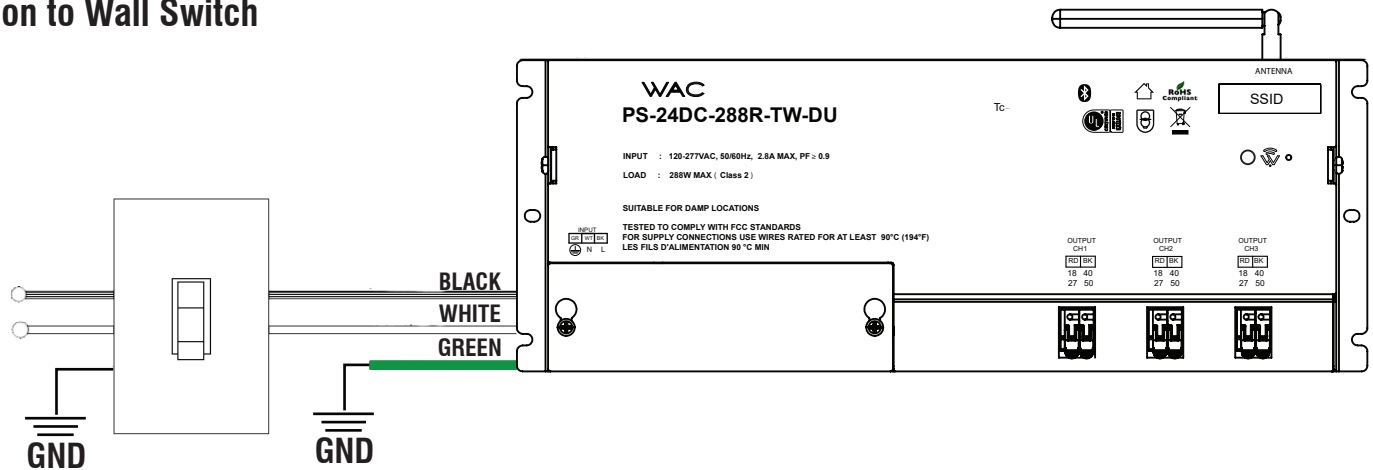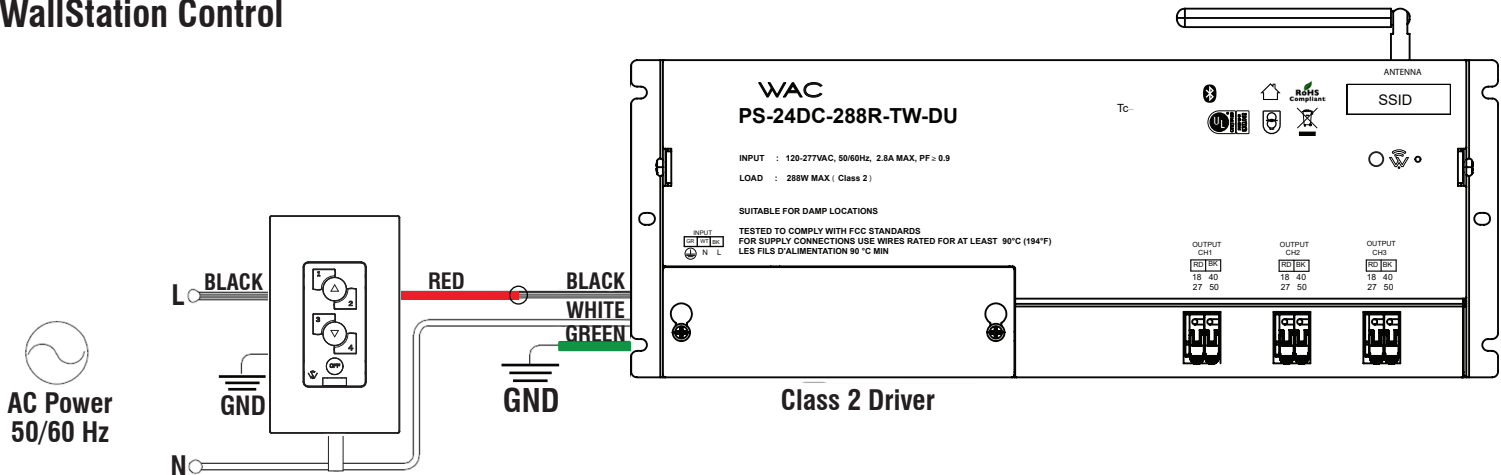
WAC Home - 288W Power Supply

Power Supply Units

Wiring Schematics

Note: Dimming function will evenly dim all three output channels.

Connection to Wall Switch

ANTENNA

WAC
PS-24DC-288R-TW-DU   Tc·

SSID

INPUT : 120-277VAC, 50/60Hz, 2.8A MAX, PF ≥ 0.9
LOAD   : 288W MAX (Class 2)

SUITABLE FOR DAMP LOCATIONS

INPUT
GR WT BK
N L

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LES FILS D'ALIMENTATION 90 °C MIN

OUTPUT CH1 / OUTPUT CH2 / OUTPUT CH3
RD BK 18 40 27 50

BLACK
WHITE
GREEN

GND   GND

WallStation Control

ANTENNA

WAC
PS-24DC-288R-TW-DU   Tc·

SSID

INPUT : 120-277VAC, 50/60Hz, 2.8A MAX, PF ≥ 0.9
LOAD   : 288W MAX (Class 2)

SUITABLE FOR DAMP LOCATIONS

INPUT
GR WT BK
N L

TESTED TO COMPLY WITH FCC STANDARDS
FOR SUPPLY CONNECTIONS USE WIRES RATED FOR AT LEAST 90°C (194°F)
LES FILS D'ALIMENTATION 90 °C MIN

OUTPUT CH1 / OUTPUT CH2 / OUTPUT CH3
RD BK 18 40 27 50

L   BLACK   RED   BLACK
                                 WHITE
                                 GREEN

AC Power
50/60 Hz

GND   GND   Class 2 Driver

N

Note: A WallStation's power connection is flexible. It can operate as a standalone system using a separate wiring configuration, or it can connect directly to the power supply for enhanced functionality. This direct connection provides significant advantages: it enables a servicing air-gap on/off switch, allows for pre-configured scene settings, and facilitates automatic pairing with the power supply without requiring the MyWAC app.

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