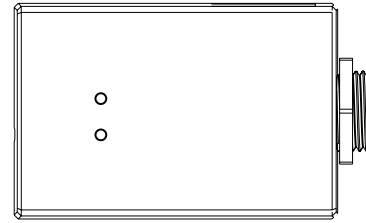


WLC/BT-PWPK

Wireless Bluetooth Control Node Power Pack

Includes: WLC/BT-PWPK-5A-UNV-10V-A,
WLC/BT-PWPK-20A-UNV-10V-A

aleoTM
LED LIGHTING



INSTALLATION INSTRUCTIONS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

WARNING

FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS MAY RESULT IN SERIOUS INJURY OR DAMAGE TO PROPERTY

For your safety, thoroughly read these instructions and warnings in its entirety prior to installing or servicing this product. These instructions do not attempt to cover all installation and maintenance circumstances. If you do not understand these instructions or if additional information is needed, please contact Aleo Lighting customer service.

WARNING

RISK OF FIRE OR ELECTRIC SHOCK

This product must be installed and serviced by a professional electrician in accordance with applicable federal, state, and local laws, regulations, and electrical code. If not qualified, do not attempt installation of this product. Contact a qualified electrician.

WARNING

RISK OF FIRE, ELECTRIC SHOCK, or PERSONAL INJURY

To avoid risk of electrical shock, turn off power before installing or servicing.

Verify that supply voltage is correct by comparing with the input voltage on the luminaire label

Make all electrical and ground connections in accordance with NEC and any applicable code requirements

WARNING

RISK OF PERSONAL INJURY

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects

Do not make or alter any open holes in any of the enclosures with wiring or electrical components during installation

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

Suitable for Damp Location

Rated for Plenum Spaces

TURN OFF POWER BEFORE INSTALLING

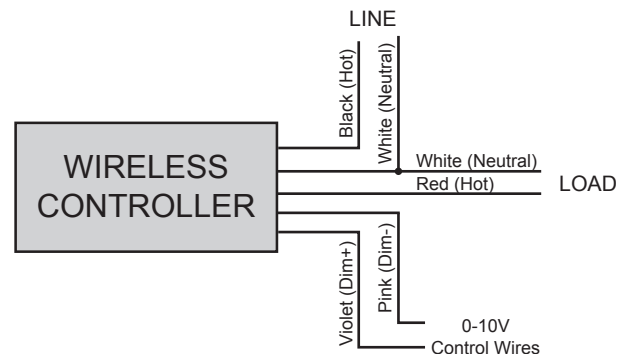
Electrical Connection

1. Connect BLACK (line) controller lead to voltage supply Line position (HOT).
2. Connect controller WHITE lead to the NEUTRAL supply position and NEUTRAL load.
3. Connect the controller RED lead to the load HOT lead.

If using 0-10V dimming:

4. Connect VIOLET lead to supply POSITIVE dimming lead.
5. Connect PINK lead to the supply NEGATIVE dimming lead.

Wiring Diagram



SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

Contents to change without notice. Visit www.aleolighting.com for warranty and specification information.
WLC/BT-PWPK_IS Rev01

WLC/BT-PWPK

Wireless Bluetooth Control Node Power Pack

TO INSTALL:

INSTALLATION:

- WARNING:** TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT POWER IS OFF BEFORE WIRING!
- Mount power pack per desired application:
 - To mount outside a junction box, refer to **Figure 1**. WIRING DIAGRAM on pg. 1.
 - To mount inside driver compartment of light fixture, refer to **Figure 2A**. WIRING DIAGRAM on pg. 1.
 - To mount outside driver compartment of light fixture, refer to **Figure 2B**. WIRING DIAGRAM on pg. 1.

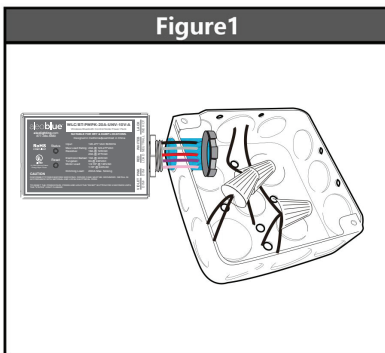
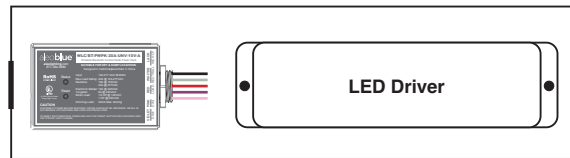


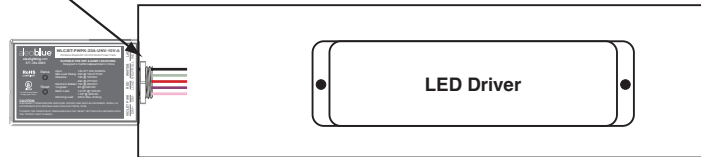
Figure 2A



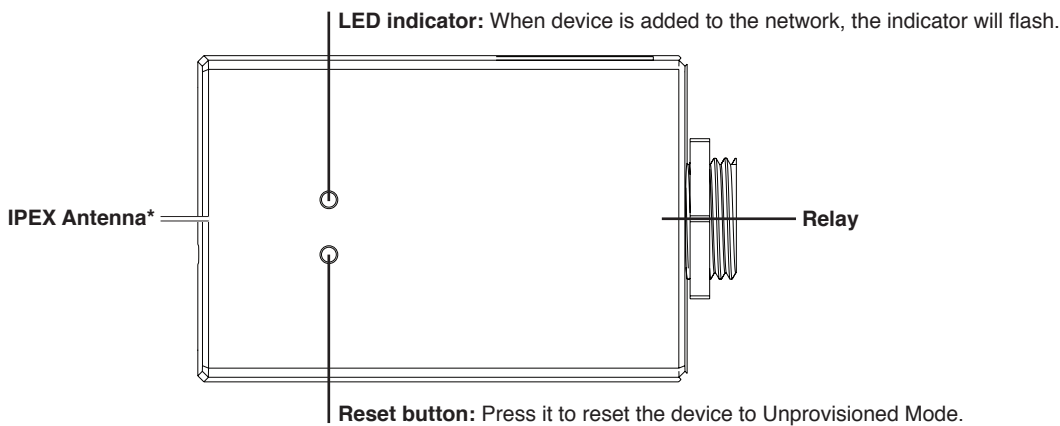
Mounts inside fixture

Nipple Adapter

Figure 2B



Mounts Outside fixture



*Note: Use a non-metal electrical enclosure for best wireless communication performance.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

WLC/BT-PWPK

Wireless Bluetooth Control Node Power Pack

TO INSTALL:

RATINGS

Model No.	WLC/BT-PWPK-5A-UNV-10V-A	WLC/BT-PWPK-20A-UNV-10V-A
Operating Voltage	120V-277V	
Frequency	50/60 Hz	
Relay Type	Electromagnetic	
Max Dimming Load	Source 20mA; 0-10VDC dimmable LED drivers	
Security	Conforms with DLC NLC5.0 Cybersecurity Requirement	
Wireless Standard	Bluetooth® SIG mesh	
Max. Bluetooth Mesh Range	213-ft. (65m)	
Mounting	1/2" knockout	
Color	Blue	
Certifications	UL Listed, UL2043 Plenum rated, CE, ROHS	
Location	Dry	
Operating Temp.	0°C~50°C	
Relative Humidity	8-80%	
LOAD RATINGS		
General Use	5A @ 277VAC	20A @ 277VAC
Resistive	5A @ 125VAC	18A @ 120VAC
	5A @ 250VAC	18A @ 277VAC
Inductive	5A @ 277VAC	10A @ 240VAC
Tungsten	1000W, 4A @ 250VAC	2000W, 8A @ 250VAC
Motor	0.5 HP @ 120VAC	0.5 HP @ 120VAC
	1HP @ 240V	1 HP @ 240VAC

Color	Lead Information		
	Length (in)	5A	20A
Black	6	18AWG, 300V	12AWG, 600V
White	6	18AWG, 300V	12AWG, 600V
Red	6	18AWG, 300V	12AWG, 600V
Purple	6	24AWG, 300V	22AWG, 300V
Pink	6	24AWG, 300V	22AWG, 300V

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WLC/BT-PWPK_IS Rev01