SPZ Series

Air-Circulating Disinfectant LED Flat Panel
Installation Instructions

BARRON TRACE✶LITE®
commercial & industrial lighting

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IMPORTANT SAFEGUARDS
READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

When using electrical equipment, basic safety precautions should always be followed including the following:

- **DISCONNECT AC POWER SUPPLY BEFORE SERVICING.**
- Installation and servicing of this equipment should be performed by qualified service personnel only.
- Ensure that the electrical wiring conforms to the National Electrical Code NEC® and local regulations if applicable.
- Do not mount near gas or electrical heaters.
- Equipment should be mounted in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Any modification or use of non-original components will void the warranty and product liability.
- Do not use this equipment for other than intended use.
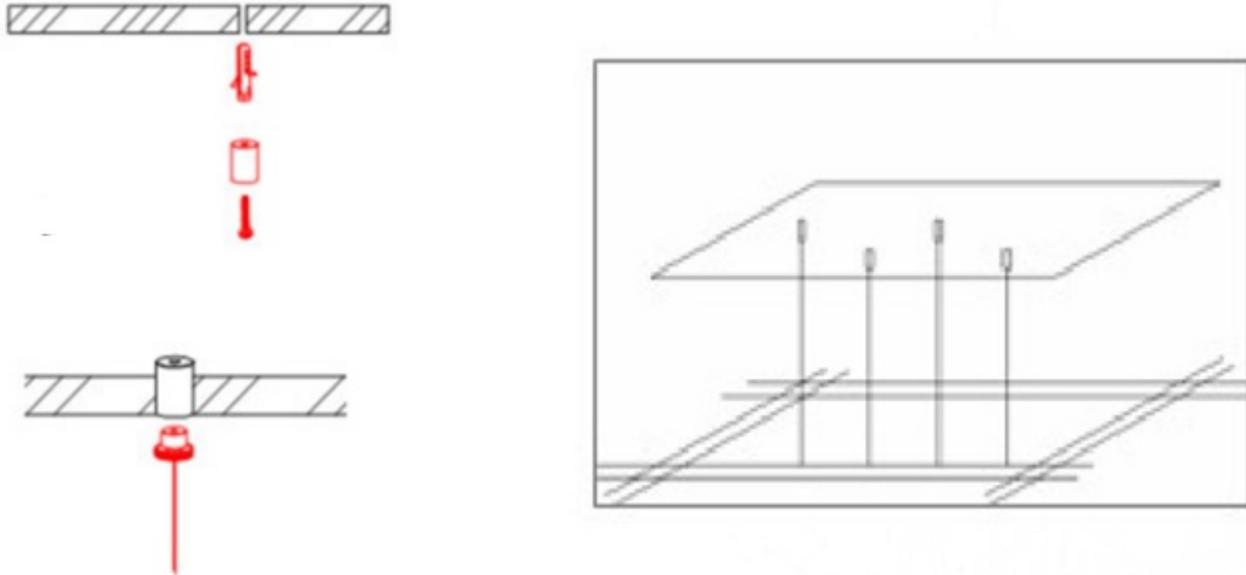
SAVE THESE INSTRUCTIONS!

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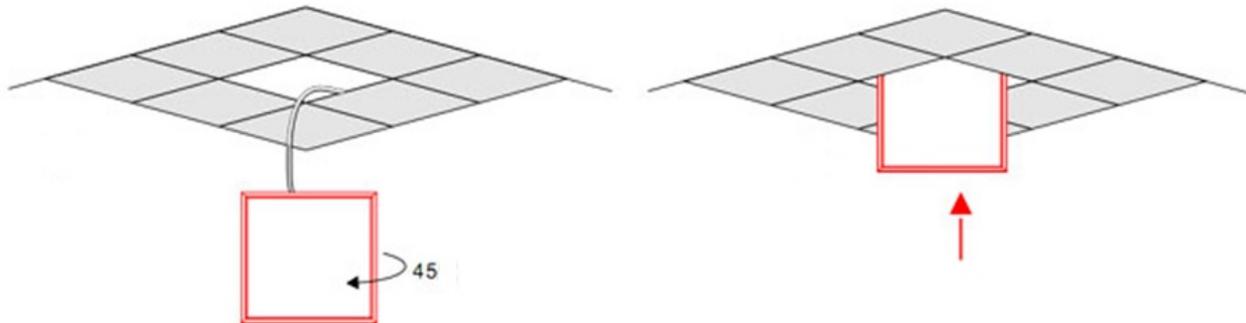**Technical Support** ■ (623) 580-8943 ■ technicalsupport@barronltg.com

Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.

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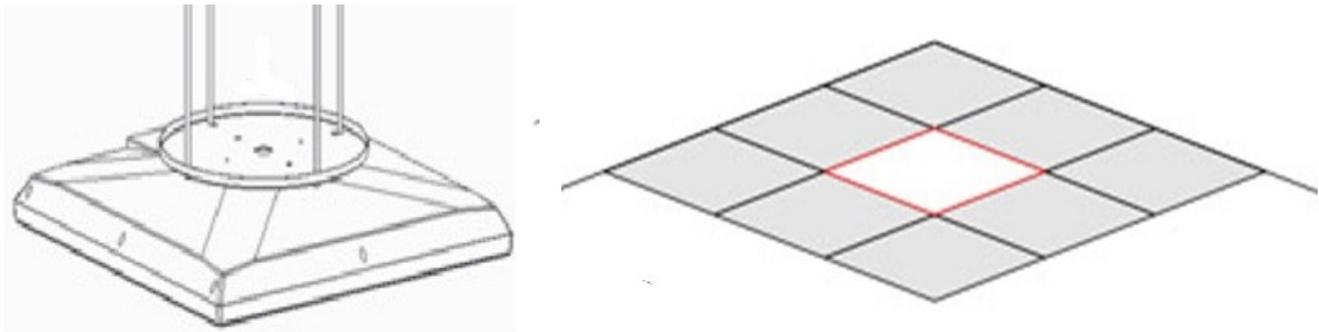
Panel must be anchored to ceiling

1. Anchor cables to ceiling (anchors and cables provided by others).

2. Rotate panel 45° and slide it through the ceiling grid.
3. Make electrical connections inside fixture, refer to wiring section.

4. Attach cables to panel and place in ceiling grid. Adjust cables to remove slack until fixture is flush with drop ceiling tiles.
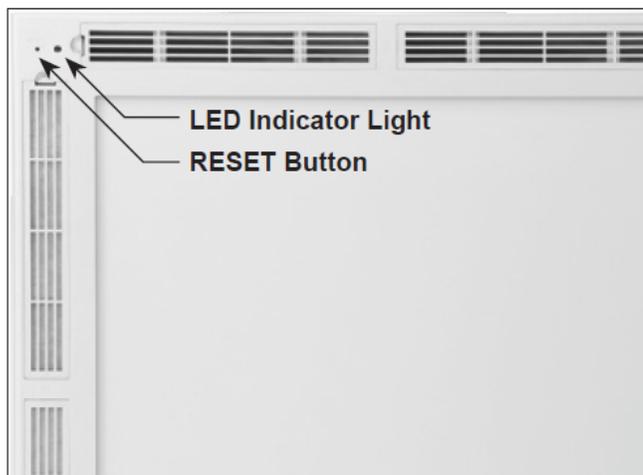
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Filter Replacement Detail   SFP-RF = Replacement Filters (complete set of four filters)
Replace every 2100 hours or every 5 years (whichever comes first)

Filters snap in place for easy replacement

LED Indicator Light
RESET Button

LED indicates when filter change is required
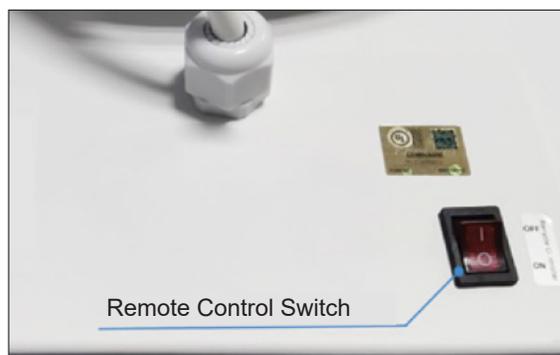

Reset after filter changes

Remote Details

Remote control for independent operation of fan and light.
Remote can operate up to 25 fixtures.
(Included with each fixture)

Switch located on back of fixture enables/disables remote control operation.

Utilizes a23 12v battery (1) - Included

Remote Control Switch
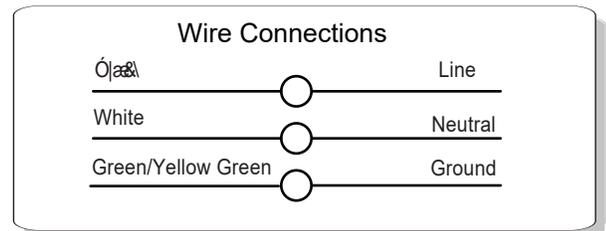

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Wiring

Electrical connections should be made inside flat panel.
Cap all unused leads to prevent shorting.

Make electrical connections as follows:

Black - Line
White - Neutral
Green/Yellow Green - Ground

Note: This fixture auto adjusts for voltages from
120VAC-277VAC

Wire Connections

Ó|æ&\		Line
White		Neutral
Green/Yellow Green		Ground

Troubleshooting

If unit does not turn "ON"

1. Check incoming voltage to the LED driver. Must be at least a minimum
   of 120VAC and no greater than 277VAC.

2. Are all the LEDs on the light engine "OFF"? If so, LED driver may be defective. Using a voltmeter, check to see if
   voltage is present at the output of the power supply. If low or no voltage, then replace the power supply.

3. If any individual LEDs are "OFF" the LED light engine is defective. Please have the serial number off the light engine
   available when you contact technical support.

4. If the unit is equipped with a photocell, check the photocell to make sure it's functioning properly.

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