



**TRACE LITE**  
commercial & industrial lighting

[barrontg.com](http://barrontg.com)

## **AIR-CIRCULATING DISINFECTANT LED FLAT PANEL**

Provides ambient illumination while purifying air.

Four-layer HEPA filters with antiseptic and antiviral mechanisms.

Titanium dioxide photocatalytic oxidation and silver ion nano technology.

Removes up to 99% of airborne contaminants, virus and bacteria.

35W LEDs produce 4000 lumens, 4000K CCT.

---

# SPZ Series

## AIR-CIRCULATING DISINFECTANT LED FLAT PANEL

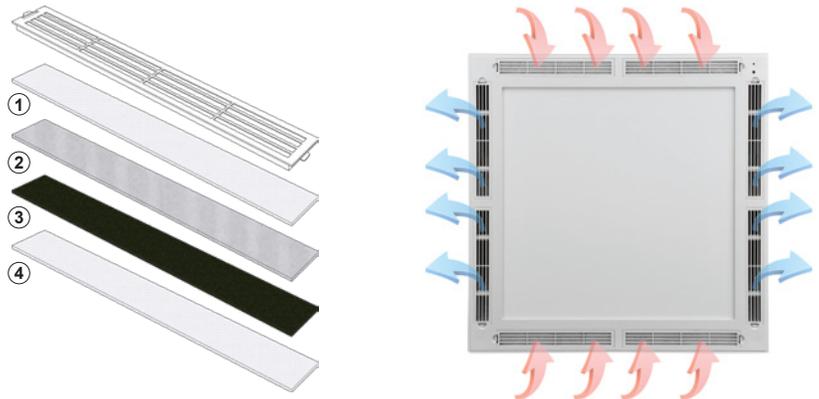
The newly designed SPZ Series air-return sterilization LED edgelit panel features a four layer HEPA filter including antiseptic and antiviral mechanisms. The SPZ offers 24-hour protection against bacteria, virus and other airborne contaminants and pathogens even when the LED light is not illuminated using titanium dioxide photocatalytic oxidation and silver ion nano technology. This unit saves space by being a two-in-one package, providing illumination while purifying air in the surrounding area to maintain a bright and sanitized environment in offices, corridors, classrooms, public spaces and any other applications that would require a purified air environment.

## FEATURES & BENEFITS

- Sleek ABS housing designed for easy installation in grid ceilings
- UV-stabilized polycarbonate optical lens
- Integral centrifugal industrial fan rated for 202 CFM (12,120 CADR - Clean Air Delivery Rate) circulates air through filters with little noticeable sound (<40dB)
- Four (4) intake ports with four-stage HEPA filtration system, removes up to 99% of airborne contaminants (<0.3 pm) including virus and bacteria
- Four (4) exhaust ports for clean, purified air, one unit is ideal for 100-165ft<sup>2</sup> space
- Easily replaceable filters are rated for five years or 2100 hours; a built-in indicator light illuminates when it is time to replace filters
- 35 Watt LEDs produce 4000 lumens
- Efficacies up to 114 LPW maximize energy savings and utility rebates
- Available in 4000K CCT
- Power: 50W (35W LED, 3W UVA LED (inside air intake), 12W fan)
- 0-10V Dimming

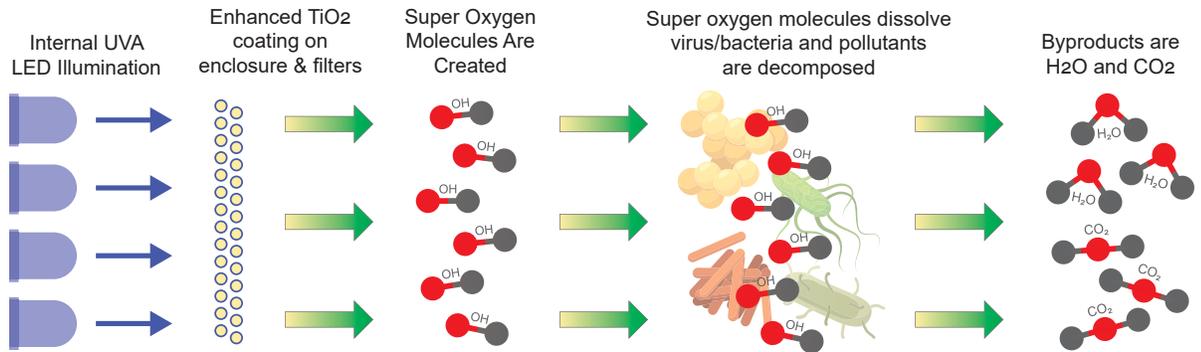
### Four-Stage HEPA Filter System:

- Layer 1** PET filter blocks floating particles in the air
- Layer 2** Newly designed compound nanometer materials  
Removes virus and bacteria from the air  
Decomposition of formaldehyde and organic gases  
Deeply cleans the indoor air
- Layer 3** Highly efficient activated carbon filter absorbs and eliminates odor molecules
- Layer 4** PET filter purifies the air again



### How It Works:

This system uses photocatalytic oxidation purification; the enclosure and filters are embedded with titanium dioxide that when exposed to UVA light (located in the filtration chamber) reacts with airborne contaminants and pathogens to oxidize them.



## ORDERING INFORMATION (Example: NTPL2250SMV40KD1-RCP)

SKU	Description
NTPL2250SMV40KD1-RCP	2'x2' Air-Return LED Flat Panel, 50W System, 4000K CCT, 120-277VAC, 0-10v Dimming Driver, TiO2 and NanoSilver Technology, Ambient Air Sterilization, White Finish, Fan System On-Of Control

### ACCESSORIES<sup>1</sup> (Field Installed)

SPF-RF = Replacement Filters (complete set of four filters)

### Notes

<sup>1</sup> Order as separate line item for final installation in the field



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

10840426 MKT-LIT-SPZ Rev 1 12/20



7885 North Glen Harbor Blvd  
Glendale, Arizona 85307  
800.533.3948  
barronlig.com