

This location has certified  
**CLEANAIRE**

**SILENTAIRE · CLEANAIRE**

ENHANCED SAFETY AGAINST VIRUSES, BACTERIA & MOLD

PROTECTION FROM ABOVE

**Blue Halo™**  
LIGHTING

# SilentAire Plasma 20" Cone Pendant

EP-SACP-20IN Series | Ambient Lighting with Internal Plasma Air Disinfection\*\*

\*Green indicator light shows plasma disinfection system is active

## PRODUCT FACTS

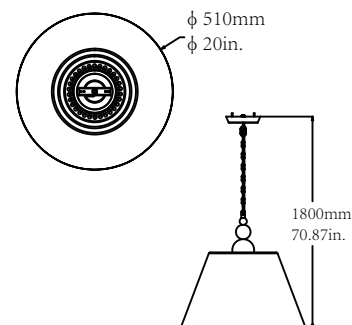


ENHANCED AIRBORNE PATHOGEN DEFENSE SYSTEM

## PLASMA DISINFECTION SOLUTIONS

### KEY PRODUCT FEATURES, DETAILS & SPECS

- Engineered with SilentAire's 2nd Generation Plasma Technology to safely inactivate bacteria & viruses
- Nonthermal "cold" plasma is generated internally via our Patent Pending Proprietary Technology
- Internal circulation system pushes and disperses plasma from the plasma generator
- Improve air quality for use while the space is occupied (with no special controls, safety measures or training req'd)
- Green indicator light lets you know that the SilentAire Plasma system is operational
- Plasma technology continually and proactively treats the air in the occupied space at the source of contamination
- Ambient LED 4000K performance equal to 21W @ 1,000 lumens
- ColorPreference® field selectable 3-CCT for added design flexibility (2400K, 3000K & 4000K)



\*Preliminary image shown, sizing will stay roughly the same

### STOCK ORDERING INFORMATION (typical 2-3 day shipment lead time)<sup>1</sup>

| Catalog Logic/PT#              | Model #   | UPC           | Size  | Lumens <sup>2</sup> | LED Watts | LPW <sup>2</sup> | System Watts | CCT   | CRI <sup>3</sup> | Voltage | Dimming      |
|--------------------------------|-----------|---------------|-------|---------------------|-----------|------------------|--------------|-------|------------------|---------|--------------|
| EP-SACP-20IN-PL-LB3-CP3-SV-D-B | 547051030 | 6975367201213 | 20in. | 600/800/1000        | 21        | 47               | 24           | 3-CCT | 90 (min)         | 120V    | Step Dimming |
| EP-SACP-20IN-PL-LB3-CP3-SV-D-B | 547051040 | 6975367201220 | 20in. | 600/800/1000        | 21        | 47               | 24           | 3-CCT | 90 (min)         | 120V    | Step Dimming |

#### Notes:

1. Stock SKUs typically ship in 24-48 hours upon receipt of an approved released order.
2. Lumen value & LPW shown is for 4000K ColorPreference® setting.
3. ColorPreference®(2400K, 3000K & 4000K)
4. Search first 6-digits of the model # followed by '###' on the UL QPL to view UL qualified SKUs. (Ex. '547051###')



# SilentAire Plasma 20" Cone Pendant

EP-SACP-20IN Series | Ambient Lighting with Internal Plasma Air Disinfection\*\*

Blue Halo  
LIGHTING

SILENTAIRE  
Comprehensive Germicidal Solutions

## MISCELLANEOUS PRODUCT SPECS & DETAILS

### Load Information

|                  |                 |
|------------------|-----------------|
| Power Factor     | > 0.90          |
| THD              | < 20%           |
| Frequency        | 60 Hz           |
| Sound Rating     | 65 dBA          |
| Low Temp LED     | -20° C (-4° F)  |
| Max Temp LED     | 45° C (113° F)  |
| Low Temp UVC LED | -30° C (-22° F) |
| Low Temp Fan     | -10° C (14° F)  |
| Unit Weight      | 35.23 lbs       |

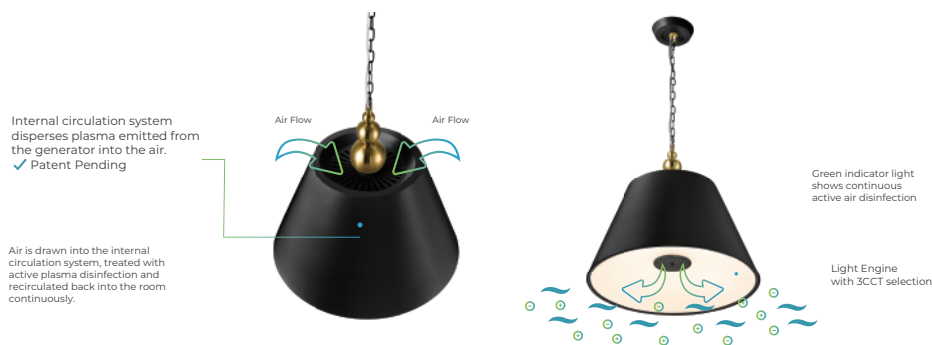
### Plasma & Fan

|                  |            |
|------------------|------------|
| Air Flow Rate    | 7 CFM      |
| Fan Sound Rating | 45 dBA     |
| Fan Wattage      | 2.5W       |
| Fan Lifetime     | 50,000 hrs |

## SILENTAIRE PLASMA FLAT PANEL OVERVIEW

The SilentAire Plasma 20in cone pendant is a hybrid lighting solution that combines traditional LED ambient illumination with SilentAire's new Plasma Technology. No specialized controls, safety measures or training required. All SilentAire products can improve air quality when in use while the space is occupied vs. direct UVC solutions that can be a health and safety risk if not properly operated.

The second generation of SilentAire utilizes nonthermal "cold" plasma. Our new luminaires will use an internal fan system to push and disperse plasma from out PATENT PENDING Proprietary Technology filling the space with positive and negative ions neutralizing harmful bacteria & virus and even odors. SilentAire's Plasma Technology continually and proactively treats the air in the occupied space at the source of contamination.



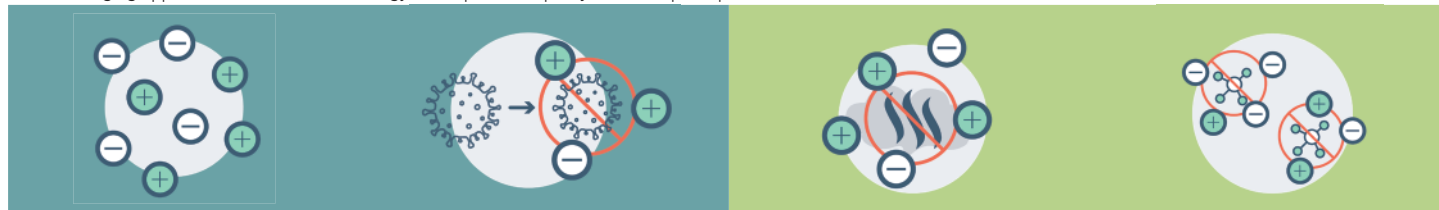
1. Nonthermal "cold" plasma is generated internally via our Patent Pending Proprietary Technology.
2. Internal circulation system pushes and disperses plasma from the plasma generator.
3. The space is filled with positive and negative ions neutralizing harmful bacteria and virus.
4. Plasma technology continually and proactively treats the air in the occupied space at the source of contamination.

\*Tested on Staphylococcus albus 8032 and Influenza A Virus H1N1 with three fixtures at high speed mode for 2 hours in a 10m<sup>3</sup> (353 Cubic ft.) chamber.

Removed 99.9% of Staphylococcus albus 8032 and Influenza A Virus H1N1 from the air. Tested on SARS-CoV-2 (commonly known as COVID-19) with three fixtures in high speed mode for 2 hours in a 18m<sup>3</sup> (640 Cubic ft.) chamber. Removed 99.9% of SARS-CoV-2 (commonly known as COVID-19) from the air. Not proven to prevent the transmission of Covid-19. No air treatment device can guarantee the prevention of virus transmission. We recommend following CDC guidelines.

## PLASMA TECHNOLOGY DETAILS

- Plasma is one of the four fundamental states of matter.
- A plasma is an electrically charged gas into which sufficient energy is provided to free electrons from atoms or molecules and to allow both species, ions and electrons, to coexist.
- A plasma is created when one or more electrons are torn free from an atom. Atoms that are missing electrons are called "ions". Ions have a positive electrical charge.
- A plasma is generally a mix of these positively charged ions and negatively charged electrons.
- Plasma occurs naturally on Earth from flames, lightening and the Aurora Borealis.
- Plasma is proven method in the medical field for disinfection/sterilization of medical devices, as well as the degradation of toxins and other pathological contaminants.
- Wide-ranging applications of Plasma Technology can improve air quality in all occupied spaces.



Airborne particles are charged by the ions released by the plasma generator causing them to cluster and be easily caught in the air.

This ionized air that contains positively and negatively charged molecules attract and kill germs on contact.

Odorous gases and aerosols oxidize on contact with ions and are neutralized as well.

Ions cause a chemical reaction with VOCs breaking down their molecular structure.