

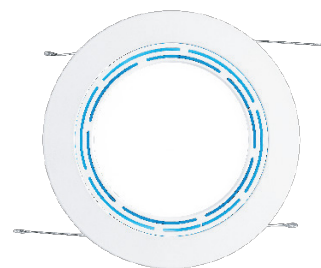


## UVC 6" Retrofit Downlight

### 5-CCT ColorPreference® Retrofit Downlight w/E26 adapter

EP-SADL Series | Ambient Lighting with Internal UVC Technology\*\*

#### PRODUCT FACTS



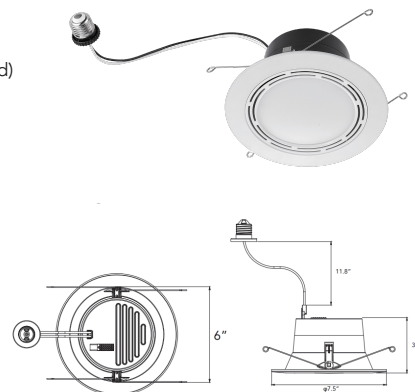
\*blue indicator light shows GUV system is active

## ENHANCED AIRBORNE PATHOGEN DEFENSE SYSTEM

## AIR TREATMENT UV SOLUTIONS

#### KEY PRODUCT FEATURES, DETAILS & SPECS

- Engineered with the latest in UVC technology to inactivate bacteria & viruses
- Integral fan system draws in ambient air to help continuously facilitate air treatment
- A sealed internal UVC LED chamber ensures zero direct UVC exposure
- Can improve air quality for use while the space is occupied (with no special controls, safety measures or training req'd)
- Blue indicator light lets you know that the GUV system is operational
- Blue Halo fan system returns the UVC treated & disinfected air back into the space
- Ambient LED 4000K performance equal to 7W @ 900 lumens
- Ambient LED up to 128 LPW provides 60+% in energy savings vs. legacy downlight luminaires
- Installs like any direct mount downlight, no special installation steps required, simply 'plug & play'
- ColorPreference® field selectable 5-CCT for added design flexibility (2700K, 3000K, 3500K, 4000K & 5000K)



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

Catalog Logic/PT#	Model #	UPC	Size	Lumens <sup>3</sup>	LED Watts	LPW	System Watts	CCT <sup>4</sup>	CRI	Voltage	Dimming
EP-SADL-DMRT-R6-900LM-9-5CP-SV-TR	558162010	849489068008	6" Round	900	7	128	12	5-CCT	80 (min)	120V	Triac

#### 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® field selectable 5-CCT (2700K, 3000K, 3500K, 4000K & 5000K).



# UVC 6" Retrofit Downlight

## 5-CCT ColorPreference® Retrofit Downlight w/E26 adapter

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### MISCELLANEOUS PRODUCT SPECS & DETAILS

#### Load Information

Power Factor	> 0.90
THD	< 25%
Frequency	60 Hz
Sound Rating	30-40 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	1.21 lbs

#### Lumen Maintenance

Ambient Temp	TM-21 LM Maintenance (54,000 hours)
25° C (77° F)	> 80.12%
Ambient Temp	TM-21 Theoretical (L70 hours)
25° C (77° F)	86,240

### UV & FAN SPECIFICATIONS & DETAILS

UV Source	UV Wavelength	UV Irradiance	UV Wattage	UV Lifetime	Air Flow Rate	Fan Sound Rating	Fan Wattage	Fan Lifetime
LED	270-280nm	200 mW	4.0	30,000 hours	3 CFM	30-40 dBA	1	50,000 hours

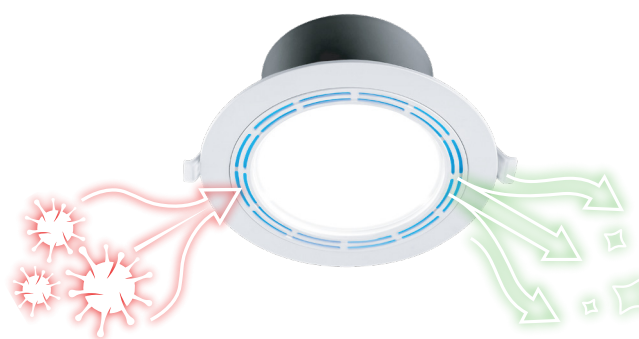
### SYSTEM OVERVIEW

The SADL-DMRT UVC 6" Retrofit Downlight is a hybrid lighting solution that combines traditional LED ambient illumination with Blue Halo's internal air treatment system that does not allow any direct exposure to UVC. No specialized controls, safety measures or training required. All Blue Halo products can improve air quality when in use and the space is occupied vs. direct UVC solutions that can be a health and safety risk if not properly operated.

Blue Halo products are engineered with an integral quiet fan system designed to continuously funnel contaminated ambient air through an internally sealed UVC chamber. UVC technology is proven to effectively kill or inactivate many types of bacteria, mold, fungi and viruses. The system then returns treated air back into the occupied space.

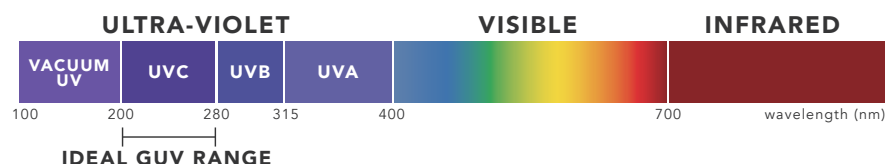
Simply install SADL-DMRT products like any traditional retrofit downlight luminaire with 'plug & play' operation to help create safer people spaces against airborne pathogens. Pair with additional Blue Halo Lighting solutions to build an enhanced defense system against current and future bacteria.

#### UV AIR TREATMENT\*\*



1. Integral fan & the space's HVAC system helps to funnel in contaminated ambient air
2. Fully enclosed UVC disinfection chamber kills or inactivates bacteria & viruses
3. Treated air is returned to the space, helping to increase air changes per hour

### GERMICIDAL UV LED SPECTRUM DETAILS



- GUV (Germicidal Ultraviolet) is an effective and proven technology in use for over 35-years
- The short ultraviolet wavelengths in the photobiological band "UVC" is ideal in eliminating bacteria
- The UVC range is outside the visible spectrum of "light" that can quickly kill bacteria & inactivates viruses
- Thanks to its fast efficacy, GUV within the UVC range is great for air treatment
- The effectiveness is set by the exposure dosage in irradiance & time (how much & how long)
- Direct exposure to GUV within the UVC range can be a safety & health hazard to both the skin & eyes
- Blue Halo's sealed UVC chamber eliminates direct exposure when in use

#### SADL-DMRJ Series UVC LED Spectrum

