

Cleanse® Downlight

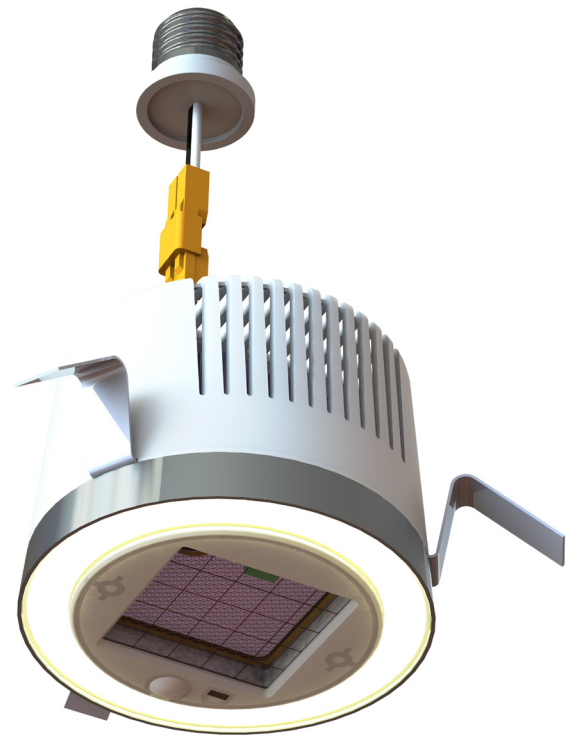
UV SANITIZING AND ILLUMINATION

Sanitize with a simple retrofit.

The Cleanse Downlight is a passive and continuous method to sanitize air and surfaces in occupied spaces. To install, simply unscrew the existing light from your six inch recessed an downlight, remove existing trim (if applicable), screw in the Cleanse® Downlight, push it in place and flip the switch to start the sanitizing.

Equipped with a Far-UVC source, the Downlight delivers 222 nanometer light to inactivate microbes; the reduction achieved is dependent on the type of contaminant, distance from the source and duration of exposure. Scientific data supports the germicidal efficacy and human safety of the novel Far-UVC (222nm) technology, including independent research backed by many peer-reviewed papers.*

The integral general illumination features a boost at 435nm to help activate antimicrobial properties of TiO₂ found in surface coating and cleaners. Available in 3000K and 4000K CCT, the Downlight provides comfortable white light suitable for all applications.



Patent Pending

APPLICATIONS

The Cleanse Downlight is a 2-in-1 solution that integrates passive and continuous sanitization with general illumination for occupied spaces. Utilize the Downlight in areas with large volume of foot traffic, such as office, retail shops, restaurants, and even schools and childcare centers, to provide proper lighting with sanitization operating behind the scenes and promote a positive and healthy environment.



SPECIFICATIONS *All data shown is nominal*

UVC SOURCE	
Wavelength	222 nm
Life	>3,000 hrs
LIGHT SOURCE	
LED	Standard White at 435nm to activate antimicrobial properties of TiO ₂ coatings and cleaners
CCT	3000K, 4000K
Life to L80	>69,000hrs
ELECTRICAL	
Input Voltage	120–277 V
Power	20W
Mode	3 Sanitization Modes: Mode A (Unique Scenarios), Mode B (Far-UVC ON limited time when motion detected), Mode C (Far-UVC OFF when motion detected)
MECHANICAL	
Housing	Polycarbonate housing with aluminum trim
Dimensions	4.05 x 3.05 in (Dia x H)
Mounting	Retrofit for 6 in recessed cans with medium E26 base



UV light source is not visible and distribution shown is a depiction of coverage only.

SAFETY

Studies have shown that continuous low doses of far-UVC radiation results in no harm to humans. The far-UVC light does not penetrate the top layer of the skin or the tear layer of the eye. The smaller cell structure of viruses and bacteria allow the far-UVC light to penetrate and cause damage.*

**Welch, D., Buonanno, M., Grilj, V. et al. Far-UVC light: A new tool to control the spread of airborne-mediated microbial diseases. Sci Rep 8, 2752 (2018). <https://doi.org/10.1038/s41598-018-21058-w>*

CONTACT US

To learn more about the Cleanse Downlight and how Healthe products are harnessing the ingredients of light to promote health and wellness, please visit www.healthelighting.com, or contact us directly.