

BIOLOGICAL LIGHTING

GERMICIDAL UV SERIES

SUNCLEAN DOWNLIGHT



Description

- Integrating LED UV-C disinfection into LED Lighting to provide three-fold usage of surface disinfection air-cleaning and illumination.
- Designed to automatic disinfection and keep people safely with radar sensor.
- Auto and manual disinfection mode.
- No dangerous ozone produced.

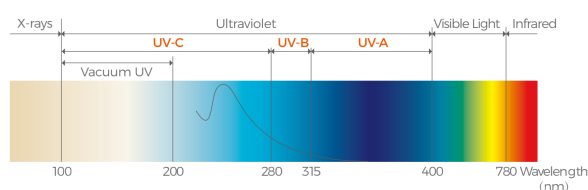
Specification

Housing : High quality plastic with white color

Application : Illumination and Disinfection

Installation : Ceiling mounted

Voltage : 100-240Vac 50/60hz



Lighting Specifications

Light Source : LED

Power : 18W

Brightness : 1530lm

Color Temperature : 3000K, 6000K

CRI : >80

LED Lifespan : 35,000 hrs

UV-C Specifications

Light Source : UV-C LED

Power : 18, 20W

Wavelength : 260-285nm

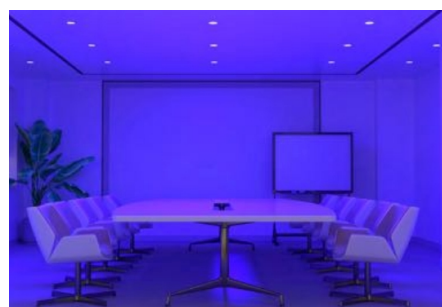
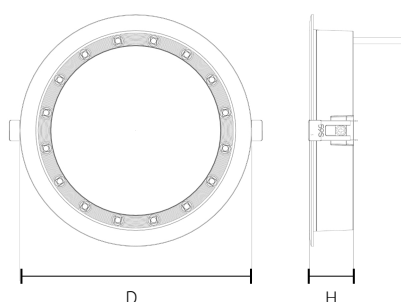
Total UV Energy : 180, 200mW

Sterilization Area : 3x3m

LED Lifespan : 10,000 hrs



Dimension



Product	Dimension DxH (mm)	Lighting/UVC Power	Sterilization Area	Installation
SUNCLEAN DOWNLIGHT 5"	174D x 35H	18W/18W	3 x 3m	Ceiling mounted
SUNCLEAN DOWNLIGHT 6"	184D x 35H	18W/20W	3 x 3m	Ceiling mounted

Operation Mode

Lighting Mode

Toggle switch ON and OFF to control.



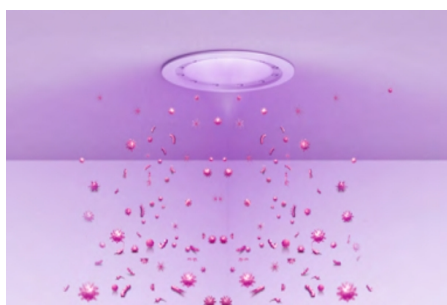
Manual Disinfection Mode

Flip the switch ON-OFF-ON within 3 seconds to turn on. Disinfection stops automatically after 2 hrs.



Auto-Disinfection Mode

Flip the switch ON-OFF-ON-OFF-ON within 3 seconds to turn on. Illuminates while you are there, disinfects when you leave.



Safety

Advance 5.8G Radar

Each SunClean product is equipped with a military-grade 5.8G radar with a detection distance of 7-10 meters that automatically stops disinfection when people are nearby



Self Check Safety System

Before each disinfection cycle, a self-diagnosis is performed to ensure safe product performance.

If the radar fails, disinfection stops automatically



No Dangerous Ozone Produced

Operates with a UV-C disinfection wavelength of 260~285nm, which not generate the ozone.

