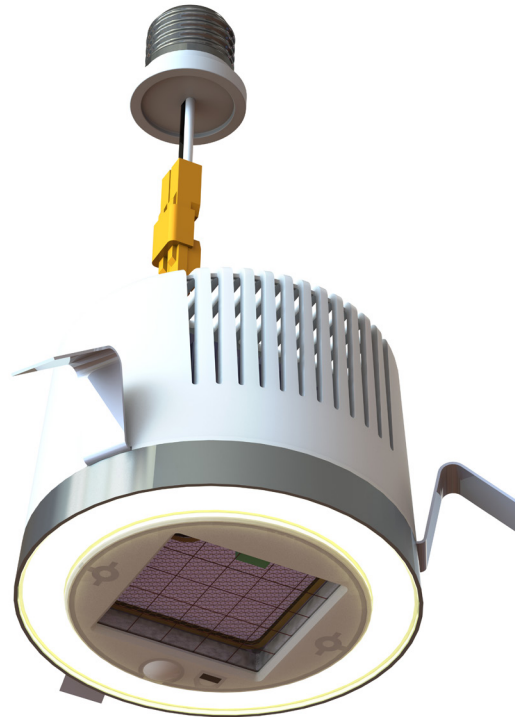


CLEANSE[®] DOWNLIGHT

CLDL | FAR-UVC | SANITIZATION | 6-8 IN RETROFIT



FEATURES

- Far-UVC technology effectively penetrates and inactivates air and surface microbes and is safe for human exposure
- Chemical-free process continuously improves air quality
- Select from three sanitization modes that work with an integral PIR motion sensor, including Far-UVC on for 30 minutes every hour, or Far-UVC only on in unoccupied spaces
- Integrated general illumination features a boost at 435nm to help activate the antimicrobial properties of TiO₂ surface coatings and cleaners
- Retrofit any 6" to 8" conventional recessed can fixture to a sanitization downlight
- Available in 120V or 220V input voltage with a total power consumption of 20W
- Made in USA and TAA compliant, it is a qualified solution for government projects. Certificate of origins are available upon request

SPECIFICATIONS *All data shown is nominal*

UV SANITIZATION SOURCE	
Wavelength	222 nm
Type	FAR-UVC Emitter
Quantity	One (1)
Service Life	>3000 Hours
ILLUMINATION SOURCE	
LED	Standard White at 435nm to activate antimicrobial properties of TiO ₂ coatings and cleaners
CCT	4000K and 3000K
Lumen Output	600 Lm
CRI	>90
R9	>50
Color Chromaticity	SDCM ≤ 5
LED Lifetime to L80	> 69,000 Hours
OPTICAL	
Lens	Acrylic
ELECTRICAL	
Input Voltage	120V or 240V
Frequency	50/60 Hz
Power Consumption	20W Total (10W UVC, 10W Visible Light)
Efficacy	60Lm/W (Visible Light Only)
Dimmable	No
Power Factor	≥ 0.9
THD	< 20%
Control Protocol	PIR Motion-Control
Control Options	Basic: Standard Wall Switch (On/Off); Advanced: Motion-Controlled
Sanitization Control	IR receiver (IR remote included)
Sanitization Mode	3 Sanitization Modes: Manual Motion (Illumination on/off, Far-UV motion controllerd), Active Sanitization (Far-UV On 30minutes every hour), Passive Sanitization (Far-UV on in unoccupied space)
MECHANICAL	
Housing	Polycarbonate Housing with Aluminum Trim
Finish	Matte White
Dimensions	4.05 x 3.05 in (Dia x H)
Weight	1lb
Interior Dimensions	- 20C / + 40C (tCase)
Mounting	Retrofit for 6in to 8in recessed can with medium E26 base *
CERTIFICATIONS & WARRANTY	
Certifications	FDA Pending
Environment	Suitable for Damp Locations
Warranty	6 Month Limited



* May not be compatible with recessed cans using parabolic reflectors. Please check and confirm with existing fixture before proceeding.

ORDERING

EXAMPLE: CLDL 6 UV 40 120V WH

Model	Size	Sanitization	CCT	Voltage	Color
CLDL Cleanse Downlight	6 6 to 8 in	UV UVC	30 3000K 40 4000K	120 120V 240 240V	WH White

DIMENSIONS

