



Project: _____
 Location: _____
 Cat. #: _____
 Type: _____
 Quantity: _____

LED

GAC LED Germicidal Air Chamber

ANTI-VIRAL ANTI-BACTERIAL

Features:

- Anti-viral and anti-bacterial disinfection lighting in a lay-in fixture
- Surface disinfection out of the front, purification out of the back
- High performance disinfecting LED technology utilizing IllumiPure LEDs
- Continuously disinfect any hard or soft surfaces simply by keeping the lights on
- Effective against MRSA, C. Difficile, Salmonella, E. Coli
- Down lighting completely harmless to humans and animals as the antibacterial spectrum is part of the normal visible LED spectrum
- Dimming option for down light available
- UV box mounted in the back of the fixture pulls in air via surface-mounted fans. Air pulled into box is cleansed of airborne pathogens (viruses and bacteria) utilizing 260-265nm UVC with a 99-plus % inactivation rate.
- Fan in 2x2 unit pulls in air at 88 CFM; dual fans in 2x4 unit pull in air at 210 CFM (exhaust ports need to be 6 feet from fixture)
- Advanced controls and IoT capabilities

Applications:

Suitable for most commercial and institutional applications

- Office
- Retail
- Classrooms
- Healthcare Facilities
- Labs and clinics

Predicted Lifetime:

- Fixture lifespan: >50,000 hrs
- Disinfection box lifespan: 30,000 hrs

Construction:

- Aluminum housing
- Lens constructed of proprietary polycarbonate

Certifications:

- CE and UL pending

Warranty:

- 405nm LED boards for downlight: 4 years
- 260-265nm LED boards in back box: 30,000 hours
- Fans: 3 years
- Balance of fixture: 10 years



Ordering Guide:

example: GAC 22 HI UV FP 850

Series	Size	Output	Output	Shielding	CRI/CCT	-	Options
GAC		HI	UV	FP		-	
GAC	22 24	HI	UV	FP	842 845 850		Blank W6 W10 D IoT

Size: 22 2'x2'
24 2'x4'

Options: Blank None
W6 6' Whip
W10 10' Whip
D Dimming
IoT IoT-ready controls (Contact factory for details)

Lumen Output: HI High

Voltage: UV 120-277V

Shielding: FA Frosted Polycarbonate

CRI/CCT: 842 80 CRI / 4200K
845 80 CRI / 4500K
850 80 CRI / 5000K

Performance Chart:

Catalog #	Watts	Watts (Disinfection Chamber)	Lumens (842)	LPW (842)	Lumens (845)	LPW (845)	Lumens (850)	LPW (850)
GAC 22 HI UV FP 8xx	60	18	5715	95.25	5715	95.25	5715	95.25
GAC 24 HI UV FP 8xx	78	36	7430	95.25	7430	95.25	7430	95.25

UV Wavelength (Down light):

