



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

UV-C 254NM

GAB-C | Germicidal Air Chamber with Down Light

Features:

- Germicidal 254nm UV-C chamber with high performance LED down lighting in a 2x2 or 2x4 lay-in fixture.



Disinfection Chamber:

- UV-C irradiation is contained in the enclosed upper air chamber which sits inside the ceiling grid - no exposure below, so safe for operation in occupied spaces
- Air is pulled in via center fans into internal germicidal chamber, where 254nm UV-C works to kill or inactivate airborne pathogens including viruses, bacteria, fungi, yeast, and molds. Cleansed air is recirculated back into the room
- Low-decibel fans provide 108 to 216 CFM of air flow through the disinfection chamber
- Fan filter on face of the unit is easily removable for cleaning
- Projected 2+log inactivation of SARS-CoV-2 with each air pass through the disinfection chamber
- Effective against viruses and bacteria - including MRSA, C. Difficile, Salmonella, E. Coli - as well as mold, fungus, odors

LED Down Light:

- Offered with standard LED down light - high performance LEDs in multiple color temperatures

Applications:

Suitable for most commercial and institutional applications: Offices, retail, classrooms, healthcare facilities

Predicted Lifetime:

- Rear chamber low pressure mercury disinfection lamp lifespan: ~ 9,000 hrs
- Predicted L70 lifetime for standard LED down lights: - Up to 189,000 hrs (calculated)

Warranty:

- 3 year limited system warranty - excludes lamps
- Lamps covered under manufacturer warranty

Certifications:

- UV-C chamber - UL 8802, listed for US and Canada, dry locations only
- LED down light - UL 1598 listed for US and Canada, dry locations only



Construction:

- White aluminum housing with highly reflective finish
- Germicidal chamber constructed of durable aluminum
- UV-C reflective material to enhance energy fluence for rapid eradication of pathogens
- Lens constructed of proprietary polycarbonate



UVFOCUS



Ordering Guide:

example: GAB-C 22 2 15 GUVT8 HI UV SF FA 840 DK W6

| Series | Size | No. of Lamps | Lamp Wattage | Lamp Type | Output | Voltage | Fan | Shielding | CRI/CCT | Duct Kit | Options |
|--------|-----------|-----------------|----------------|------------------------------------|---------------------------------|----------------|---|--------------------------|--------------------------------------|-----------------------------------|-----------------------------|
| GAB-C | | | 15 | GUVT8 | | UV | SF | FA | | DK | |
| GAB-C | 22 2x2 | 2 Two Lamps | 15 15 Watts | GUVT8 Germicidal T8 UVC Lamp | SL Super Low | UV 120-277V | SF Standard Flow - 3 fans in 2x2 unit; 6 fans in 2x4 | FA Frosted Acrylic | 830 80 CRI/3000K Standard LEDs | DK Vents and Vent Tubing | W6 6' Whip (Standard) |
| | 24 2x4 | 4 Four Lamps | | | VL Very Low | | | | 835 80 CRI/3500K Standard LEDs | | W10 10' Whip |
| | | | | | LW Low | | | | 840 80 CRI/4000K Standard LEDs | | |
| | | | | | ML Medium Low ⁽¹⁾ | | | | 850 80 CRI/5000K Standard LEDs | | |
| | | | | | MD Medium | | | | | | |
| | | | | | HI High | | | | | | |
| | | | | | VH Very High ⁽¹⁾ | | | | | | |
| | | | | | SH Super High ⁽¹⁾ | | | | | | |

Notes

⁽¹⁾ Available in 2x4 only

| GAB | Fans CFM | Fan Decibels |
|---------------|-------------|-----------------|
| GAB-C 22 2 15 | 108 | 30 |
| GAB-C 24 4 15 | 216 | 33 |

Note: UVFocus products are designed utilizing proven germicidal and anti-bacterial technology. UVC 254nm and 260-275nm products work to deactivate most common viruses (as well as bacteria, molds and yeasts). All viruses are known to be affected by UV-C at 254nm, however, effective dose varies from virus to virus. Inactivation/kill rate will depend on the volume/size of room, how many luminaires are installed, and how long they are operating, as well as other factors. While these products can be considered disinfecting products, they should be used in conjunction with standard, proper disinfecting cleaning procedures to have the greatest impact for maintaining a clean environment. Successful UV disinfection requires a systems approach taking into account dose, optics and safety relevant to the specific application. Please consult with factory any questions or concerns.



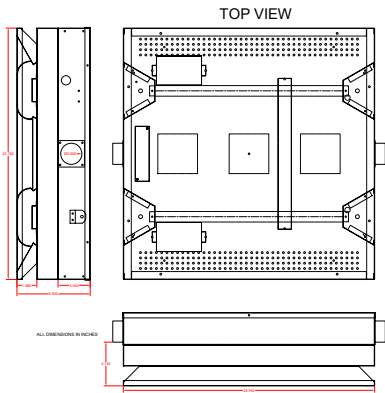
Performance Chart (Standard LED Down Light):

| Catalog # | Watts | Lumens (830) | LPW (830) | Lumens (835) | LPW (835) | Lumens (840) | LPW (840) | Lumens (850) | LPW (850) |
|-------------------------------------|-------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|
| GAB-C 22 2 15 GUVT8 SL UV SF FA 8xx | 18 | 2258 | 125.4 | 2296 | 127.6 | 2372 | 131.8 | 2443 | 135.7 |
| GAB-C 22 2 15 GUVT8 VL UV SF FA 8xx | 26 | 3089 | 118.8 | 3141 | 120.8 | 3244 | 124.8 | 3342 | 128.5 |
| GAB-C 22 2 15 GUVT8 LW UV SF FA 8xx | 32 | 4124 | 128.9 | 4194 | 131.1 | 4332 | 135.4 | 4462 | 139.4 |
| GAB-C 22 2 15 GUVT8 MD UV SF FA 8xx | 36 | 4531 | 125.9 | 4607 | 128.0 | 4760 | 132.2 | 4903 | 136.2 |
| GAB-C 22 2 15 GUVT8 HI UV SF FA 8xx | 46 | 6105 | 132.7 | 6208 | 134.9 | 6413 | 139.4 | 6605 | 143.6 |

| Catalog # | Watts | Lumens (830) | LPW (830) | Lumens (835) | LPW (835) | Lumens (840) | LPW (840) | Lumens (850) | LPW (850) |
|-------------------------------------|-------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|
| GAB-C 24 4 15 GUVT8 SL UV SF FA 8xx | 23 | 3145 | 136.8 | 3198 | 139.1 | 3304 | 143.7 | 3403 | 148.0 |
| GAB-C 24 4 15 GUVT8 VL UV SF FA 8xx | 28 | 3784 | 135.1 | 3848 | 137.4 | 3975 | 142.0 | 4094 | 146.2 |
| GAB-C 24 4 15 GUVT8 LW UV SF FA 8xx | 32 | 4237 | 132.4 | 4308 | 134.6 | 4451 | 139.1 | 4584 | 143.3 |
| GAB-C 24 4 15 GUVT8 ML UV SF FA 8xx | 36 | 4672 | 129.8 | 4751 | 132.0 | 4908 | 136.3 | 5055 | 140.4 |
| GAB-C 24 4 15 GUVT8 MD UV SF FA 8xx | 43 | 6163 | 143.3 | 6266 | 145.7 | 6473 | 150.5 | 6667 | 155.1 |
| GAB-C 24 4 15 GUVT8 HI UV SF FA 8xx | 50 | 6946 | 138.9 | 7062 | 141.2 | 7296 | 145.9 | 7515 | 150.3 |
| GAB-C 24 4 15 GUVT8 VH UV SF FA 8xx | 60 | 8025 | 133.8 | 8160 | 136.0 | 8430 | 140.5 | 8683 | 144.7 |
| GAB-C 24 4 15 GUVT8 SH UV SF FA 8xx | 68 | 8866 | 130.4 | 9015 | 132.6 | 9313 | 137.0 | 9593 | 141.1 |

Schematics

2x2:



2x4:

