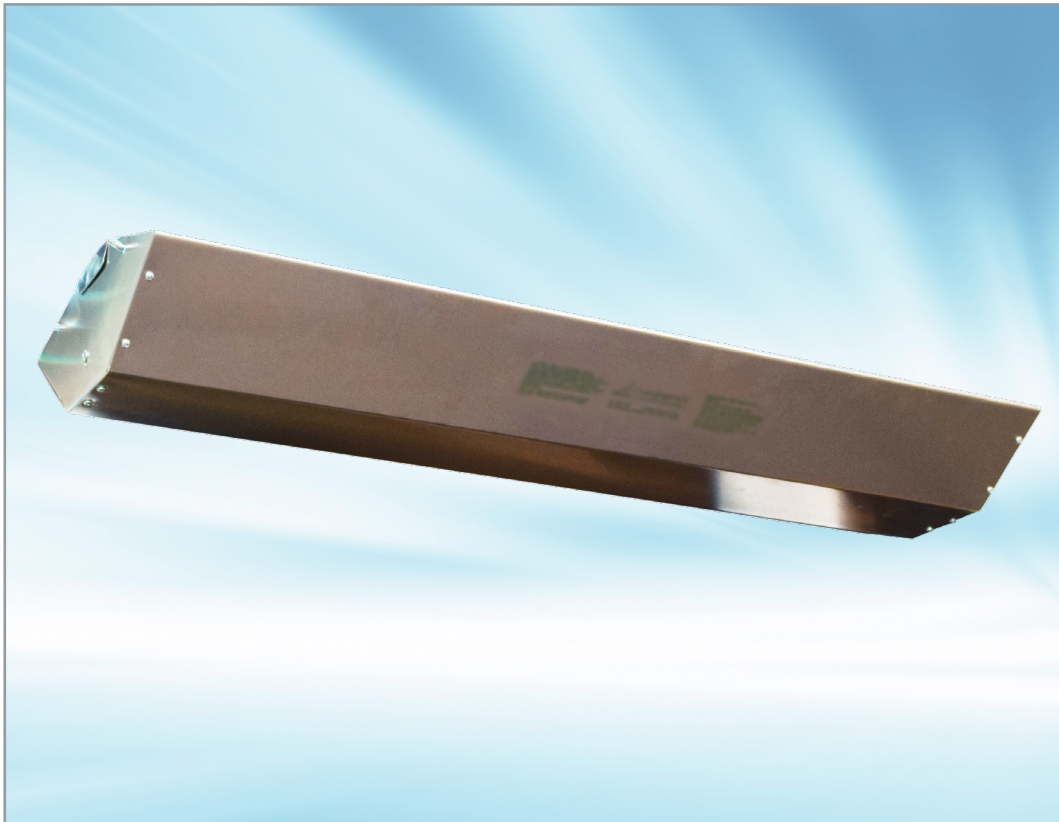




Maintenance • Service • Safety

Recommendations For Lumalier Upper Air GC Series



1931 Thomas Road | Memphis TN 38134 | 901-800-1709
EPA EST. NO. 91347-TN-002

Maintenance

Scheduled Maintenance Procedures

Quarterly – Safely inspect lamps from below to ensure all are operational.

Semi-Annually – If the lamps show visual dust accumulation, they should be cleaned.

To clean lamps:

- De-energize by switching the ON/OFF switch to the “OFF” position.
- Using soft cotton gloves, remove the lamps from the UV unit.
- Wipe lamps with a soft cotton cloth and isopropyl alcohol; allow to dry.
- Replace the lamps.
- Turn on the exterior toggle switch. Read warnings.
- Inspect the lamps using safety glasses to ensure all lamps are energized.

Annually – Replace the lamps.

To replace lamps:

- De-energize by switching the ON/OFF switch to the “OFF” position.
- Remove the used lamps from the UV unit.
- Wearing soft cotton gloves, wipe new lamps with a soft cotton cloth and isopropyl alcohol; allow to dry.
- Install the new lamps.
- Turn on the exterior toggle switch.

Service

Lumalier replacement parts and lamps can be purchased from authorized distributors.

For information call 901-800-1709.

Safety

Personal Protective Equipment

Employees must wear personal protective equipment whenever UVC irradiation measurements are being made close to the lamp source in order to document lamp output, or when maintenance procedures must be performed in areas where UVC systems are activated. Personal Protection Equipment includes:

- Safety glasses with side shields
- Head, neck and face covering opaque to UVC irradiation
- Soft cotton gloves
- Long-sleeved, tightly woven fabrics with SPF 15 or greater

Reporting UV Exposure

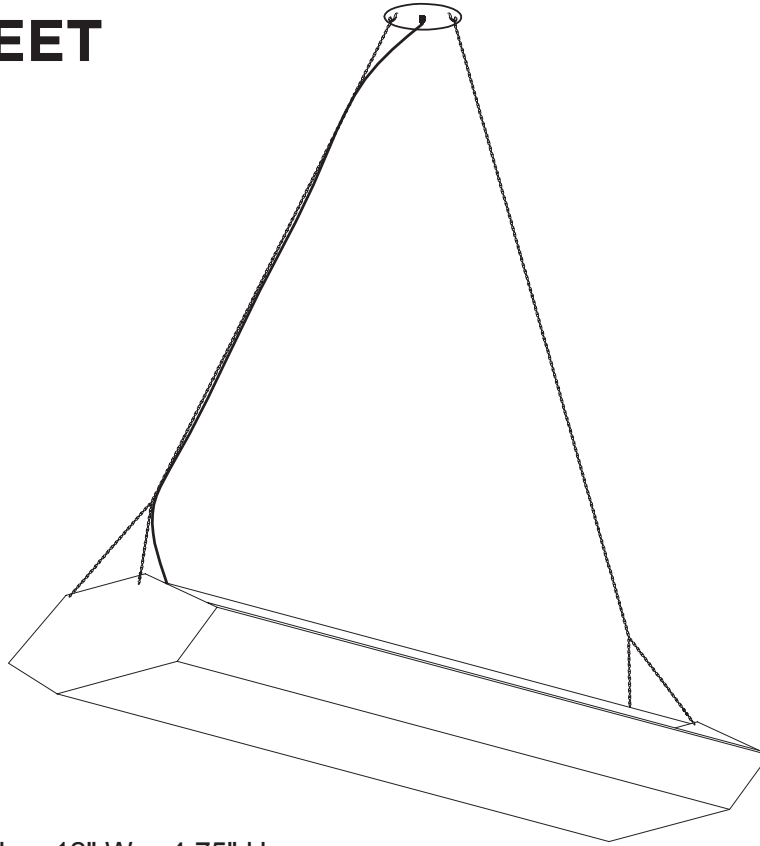
If temporary eye or skin irritation develops after acute exposure to UVC irradiation, contact your supervisor and/or physician.

Material Safety Data Sheets (MSDS)

For MSDS sheets on our lamps, please contact your local Lumalier representative.

DATA SHEET

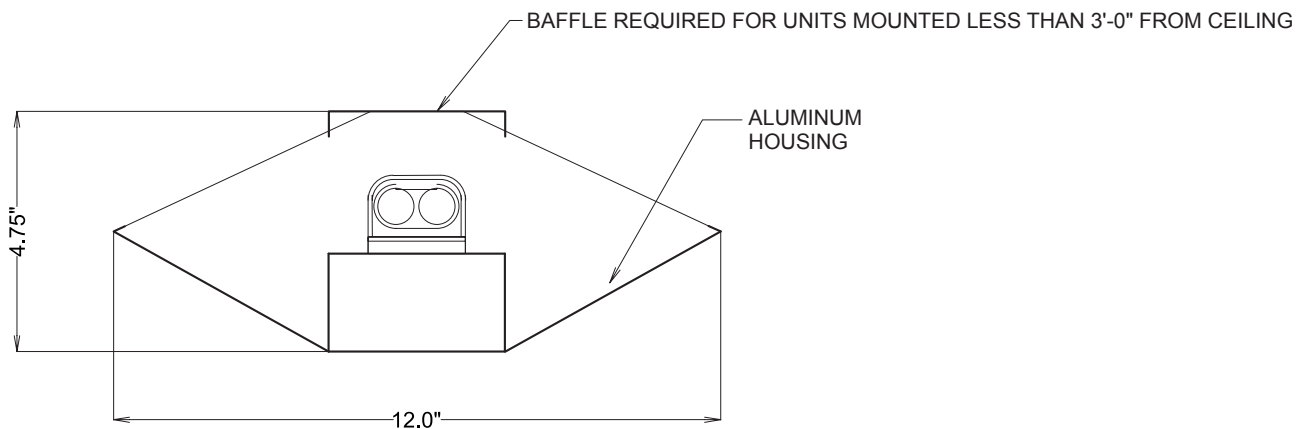
GC-295



DIMENSIONS: 48" L. x 12" W. x 4.75" H.
FINISHES: ALUMINUM HOUSING

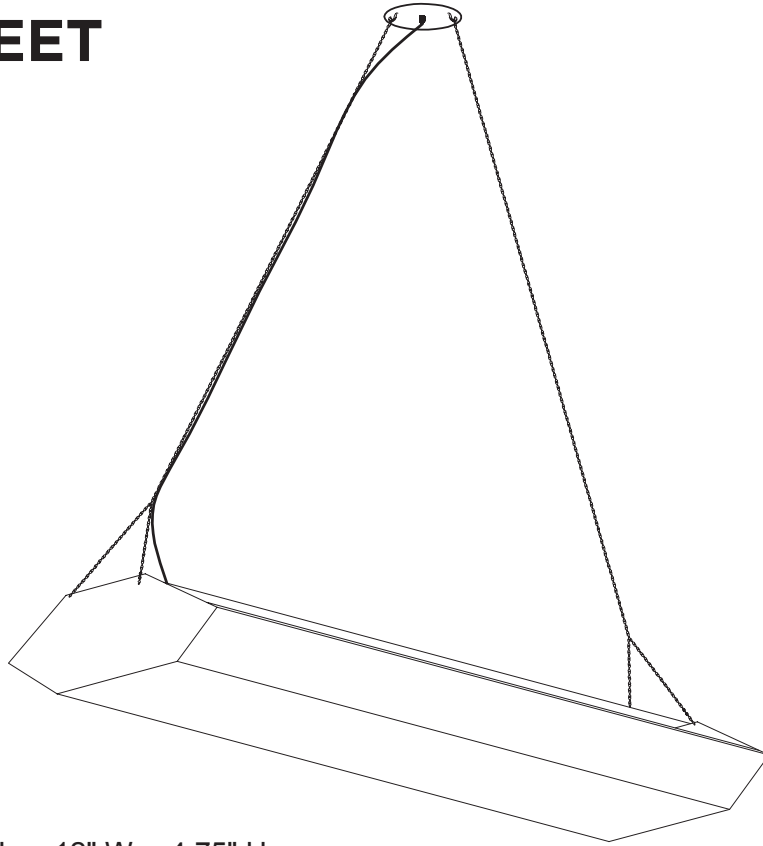
ELECTRICAL REQUIREMENTS: 120V/1.0A THRU 240V/0.5A/50-60Hz
LAMP: (2) 95W TWIN TUBE UV
UV WATTS: 54 UV WATTS
UV MICRO WATTS: 3,667

MINIMUM CEILING HEIGHT: 10'-0"
MOUNT NO LOWER THAN 7' 0" ABOVE FINISHED FLOOR.



DATA SHEET

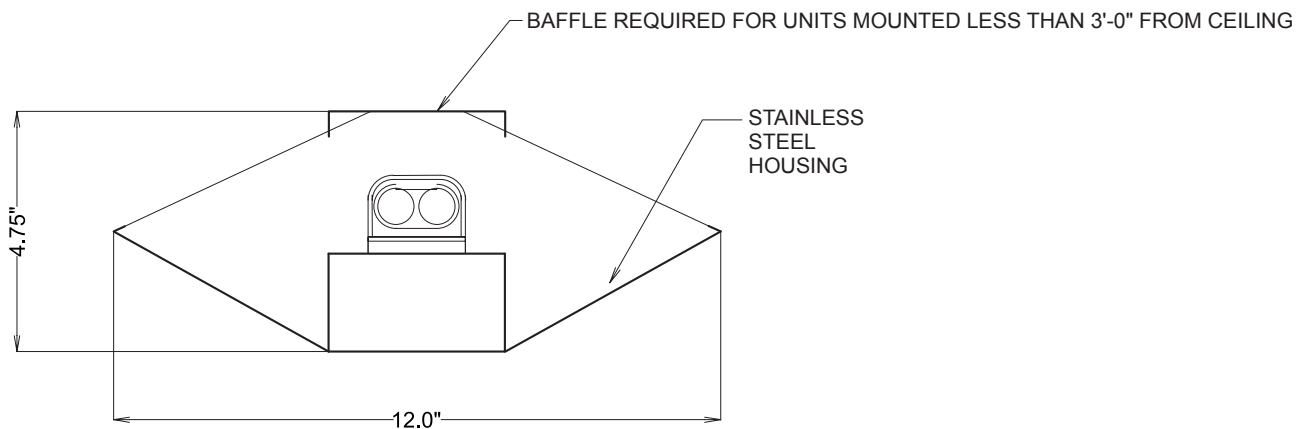
GC-260



DIMENSIONS: 36" L. x 12" W. x 4.75" H.
FINISHES: BRUSHED STAINLESS STEEL

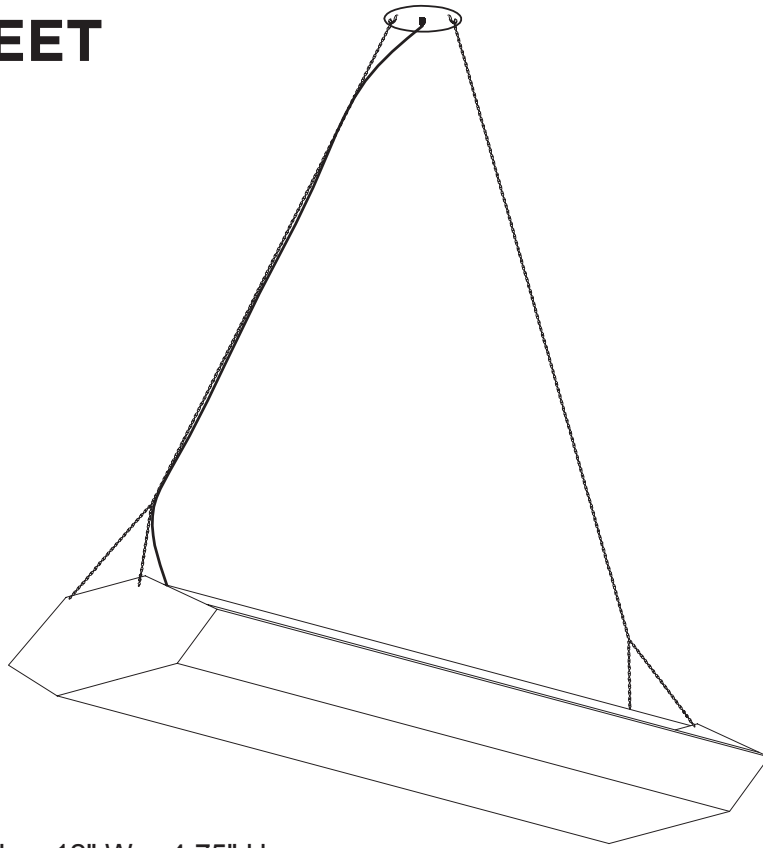
ELECTRICAL REQUIREMENTS: 120V/1.5A THRU 240V/0.75A/50-60Hz
LAMP: (2) 60W TWIN TUBE UV
UV WATTS: 36 UV WATTS
NOMINAL WATTS: 120 WATTS

MINIMUM CEILING HEIGHT: 10'-0"
MOUNT NO LOWER THAN 7' 0" ABOVE FINISHED FLOOR.



DATA SHEET

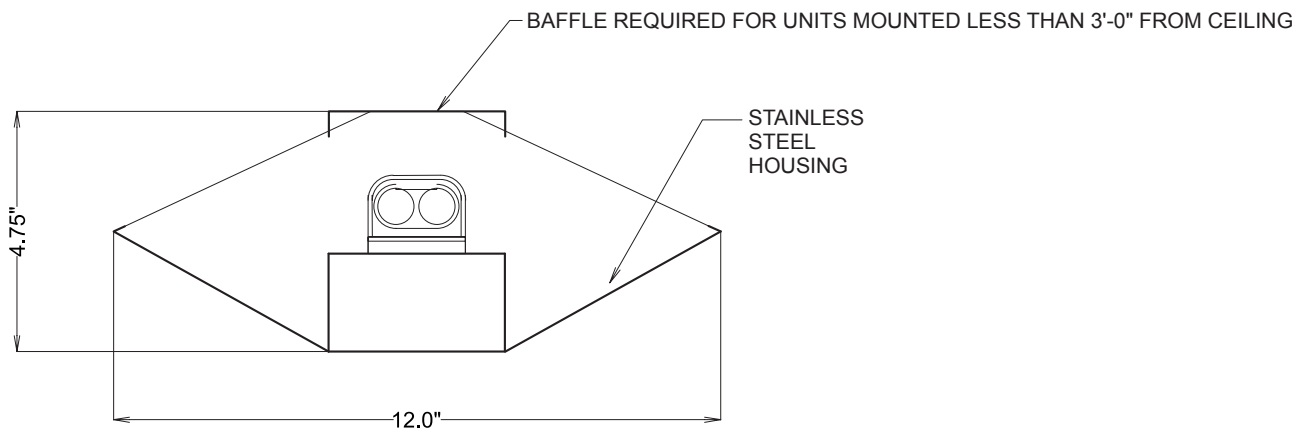
GC-136



DIMENSIONS: 18" L. x 12" W. x 4.75" H.
FINISHES: BRUSHED STAINLESS STEEL

ELECTRICAL REQUIREMENTS: 120V/0.78A THRU 277V/0.33A; 50-60Hz
LAMP: (1) 36W TWIN TUBE UV
UV LAMP WATTS: 12 UV WATTS
NOMINAL LAMP WATTS: 36 WATTS

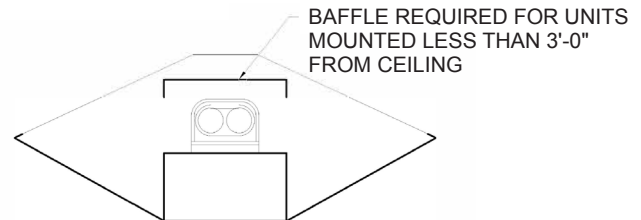
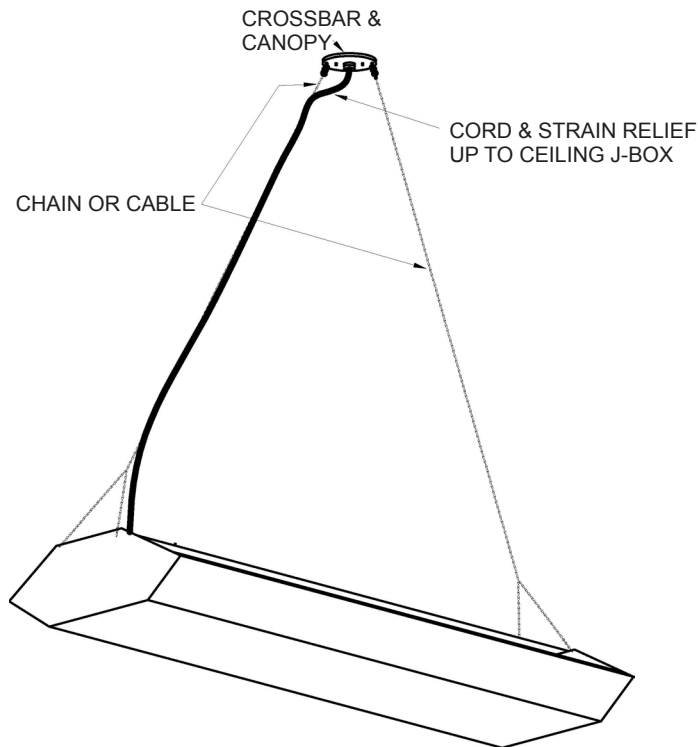
MINIMUM CEILING HEIGHT: 10'-0"
MOUNT NO LOWER THAN 7' 0" ABOVE FINISHED FLOOR.



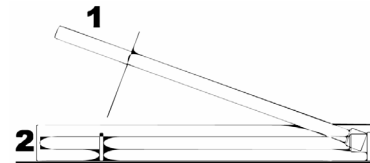
GC SERIES INSTALLATION INSTRUCTIONS

!! CAUTION !!

THIS UNIT IS DESIGNED FOR USE WITH ULTRAVIOLET LAMPS AND MUST BE INSTALLED IN COMPLIANCE WITH COMPETENT TECHNICAL DIRECTIONS SO THAT USERS' EYES AND BARE SKIN WILL NOT BE SUBJECTED TO INJURIOUS RAYS. DO NOT LET EYES OR BARE SKIN BECOME EXPOSED TO ULTRAVIOLET RAYS EMITTED BY THE UV LAMPS USED IN THIS FIXTURE. DO NOT MOUNT WITH BOTTOM OF FIXTURE BELOW 7'-0" ABOVE FINISHED FLOOR. MINIMUM CEILING HEIGHT REQUIRED FOR THIS FIXTURE IS 9'-0". CEILINGS LESS THAN 10'-0" REQUIRE A LAMP BAFFLE.



LAMP INSTALLATION



1. Position lamp as shown tilted up & in socket with 4 pins of lamp aligned into 4 slots in socket.
2. While holding lamp in socket, rotate lamp down until it snaps into socket & lamp clip.

If ceiling height is lower than 10'-0" or if fixture is mounted less than 3'-0" from ceiling, baffle is required. Installation & removal of baffle is done so by screwing or unscrewing screws from each end of baffle. Lamp fixture, read caution, re-energize fixture.

1. Disconnect power to fixture location.
2. Ensure that the mounting structure can safely support the weight (40lbs.) of the entire fixture so that no future or immediate damage will occur to persons or property. Mount fixture no less than 9'-0" from bottom of fixture to finished floor. Install crossbar to ceiling j-box with the crossbar screws pointing down. (crossbar mounting screws not included)
3. Raise fixture up & make wiring connections as per the National Electrical Code and local code. All electrical work to be performed by a licensed electrician. Fixture color code: black = power, white = neutral, green=ground.
4. Install canopy onto crossbar screws, and attach chain/cable sets as shown above.
5. WITH THE POWER OFF, lamp fixture with PL-L TUV twin-tube UV lamps, & read caution. Use cotton gloves provided to handle lamps. Touching lamps with bare hands does not affect lamp life. Residue left on lamps can reduce UV output. Clean dirty lamps with isopropyl alcohol & soft cloth. Read caution & test fixture.