



## GLO™ – Upper Air UVC Fixture



Since the 1940's upper-air ultraviolet (UV) fixtures have been effective tools in reducing the risk of airborne disease transmissions. Upper air fixtures are recommended by the Centers for Disease Control (CDC) and numerous peer reviewed papers covering the subject of airborne disease transmission.

The GLO™ fixture exceeds the performance guidelines established by the U.S. Department of Health and Human Services and by the CDC for hospital and healthcare applications. They also exceed all other industry specifications and recommendations. They are lightest in weight (aluminum) and easiest to install.

## Innovative Design

The GLO's computer-aided, high-spectral Alanod reflector design significantly increases output by reducing internal energy losses and heat to provide the highest amount of UV energy output in the industry. It does this through unique design characteristics and not the use of expensive components or lamps.

This unique design also provides a "170° horizontal angle" of irradiance - widest in the industry. The greater output and "coverage" translates to less equipment required and therefore less energy consumed when compared to all other units.

## Application

GLO fixtures are used to mitigate nosocomial infections, measles, colds and flu in healthcare settings that include waiting and patient rooms, homeless shelters, jails and prisons, colleges and universities and all other occupied spaces ... virtually, anywhere there is a threat of, and a desire to reduce airborne infectious microorganisms.



## Benefits

- Best in class, longest life upper air UVGI system
- CAD design increases output and coverage with less power consumption
- Far greater coverage means fewer units and less total cost required
- Efficient, low cost, microbial risk reduction for any setting
- Proven effective in killing all airborne and surface microorganisms
- Perfect for healthcare, institutional and food production facilities
- Improves Indoor Air Quality (IAQ) by reducing infectious agents
- Installs quickly and easily in all types of rooms
- Easiest to size, specify, source, purchase and service
- Patent pending design provides industry's lowest cost of ownership



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**GLO FIXTURES** are factory-assembled and tested. They consist of a housing, reflector, power source, lamp sockets, lamp and light baffles that produce superior output and irradiation angle coverage that increase fluence over a larger zone.

**HOUSINGS** are constructed of heavy-gauge aluminum, and are equipped with a power cord and 1/2" conduit knockouts for ease of wiring.

**REFLECTORS** are computer designed and constructed of high spectral Alonod to collimate the maximum amount of UV energy outward in a unique 170° pattern.

**BAFFLES** are non-reflecting, powder coated aluminum that maximize throughput while minimizing stray energy in the lower areas of an irradiated zone.

**POWER SUPPLIES** are high efficiency electronic types, matched to the lamp and designed to maximize uv-c production, lamp irradiance, energy efficiency and reliability. They are UL Listed, 120-277V, 50/60 hz, type 1, high-power factor, electronic rapid-start types with overload and end-of-lamp-life circuit protection, and sound rating A.

**SOCKETS** are mini-bi-pin, single-click, safety types constructed of polycarbonate.

**LAMPS** are T5 diameter, mini-bi-pin types that produce broadband UV-C at 253.7 nm. Useful lamp life is 9,000 hours with no more than a 15% output loss.

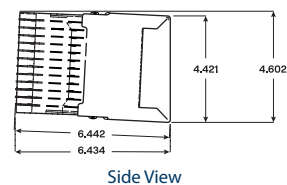
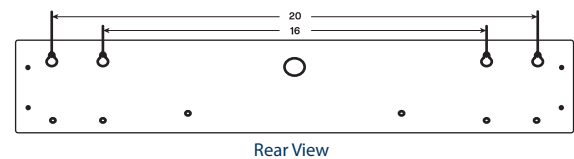
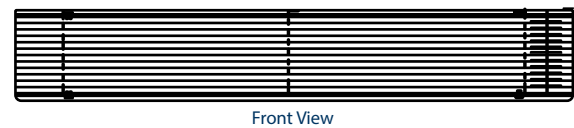
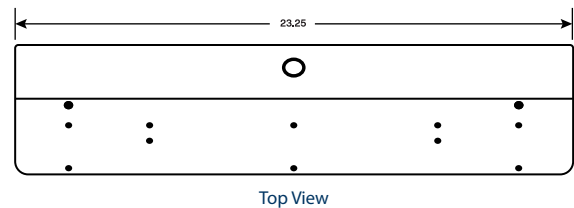
## MOUNTING HEIGHTS

Ceiling Height	Fixture Height
8-9 ft.	7 ft.
10 ft.	7.5 ft.
11 ft.	8 ft.
12 ft.	8.5 ft.

## ORDERING INFORMATION

Model #	P/N	Description	Electrical	Weight
GLO-22-120-277	4182 400	GLO™ UV-C Upper Air Fixture	120-277V 50 Hz/60 Hz	8 lbs

## GLO UPPER AIR UV-C FIXTURE



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The UVR-website contains tools that let you select, specify, and/or purchase complete UV-C systems. You'll also find valuable content that will help simplify installation, operation, and maintenance UV-C systems. For more information, go to [www.uvresources.com](http://www.uvresources.com).