

GLO™ – UPPER AIR UV-C FIXTURE

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

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 Alcon 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.

GLO™

REPRESENTED BY:

UVR

UV RESOURCES

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CONSTRUCTION

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 Alconod to collimate the maximum amount of UV energy outward in a unique 170° pattern.

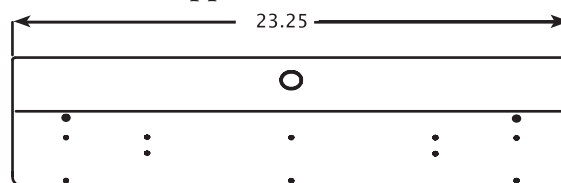
BAFFLES are non-reflecting, powder coated aluminum that maximize throughput while minimizing stray energy in the lower areas of an irradiated zone.

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.

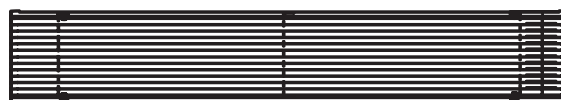
SOCKETS are mini-bi-pin, single-click, safety types constructed of polycarbonate.

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.

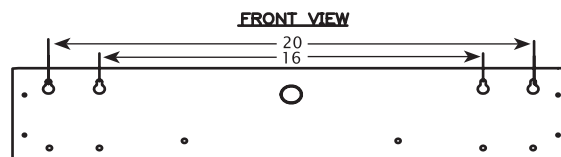
GLO Upper Air UV-C Fixture



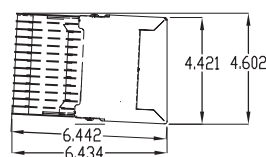
TOP VIEW



FRONT VIEW



REAR VIEW



SIDE VIEW

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	41824000	GLO™ UV-C Upper Air Fixture	120-277V 50 Hz/60 Hz	8 lbs

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 of UV-C systems. For more information, go to www.uvresources.com

Specifications subject to change without notice.

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