

SaniLIGHT[®]

GERMICIDAL ULTRAVIOLET IRRADIATORS

Model D24-1S



Model D24-2S

SINCE 1963

ATLANTIC  ULTRAVIOLET
CORPORATION[®]

ABOUT US

Since 1963, Atlantic Ultraviolet Corporation® has pioneered the discovery and development of beneficial uses of ultraviolet energy. Over the years these efforts have led to the development of valuable, cost effective and environmentally sound techniques and products now known and respected throughout the world.

The UV Application Specialists at Atlantic Ultraviolet Corporation® assist customers in the selection of germicidal lamps and equipment. Their specialized knowledge is a valuable resource in formulating effective and cost-conscious ultraviolet solutions. Extensive inventories and a dedicated staff enable Atlantic Ultraviolet Corporation® to fulfill its commitment to provide fast deliveries and responsive customer service.



GERMICIDAL ULTRAVIOLET

Ultraviolet is a unique and rapid method of disinfection utilizing germicidal ultraviolet lamps that produce short-wave radiation at 254 nanometers (nm) that is lethal to bacteria, virus and other microorganisms.

An ever-growing range of industries and consumer applications have found ultraviolet to be the ideal solution for their air and surface treatment needs.

Atlantic Ultraviolet Corporation® equipment and systems are manufactured in the USA.



Model D24-1S

Shown with standard instant start germicidal lamps. Also available with cold cathode and high output instant start lamps.



Model D24-2S



ADVANTAGES

Effective

Virtually all microorganisms are susceptible to **SaniLIGHT®** ultraviolet disinfection.

Economical

Fixtures require very little power to operate.

Fast

Disinfects both air and exposed surfaces in seconds.

Easy

Simple installation and maintenance.

Automatic

Continuous disinfection without special attention.

Durable

Polished Stainless Steel Type 304.

Versatile

Numerous models available to handle various applications.

Low Maintenance

Routine cleaning and annual lamp replacement is required.

PRINCIPLE OF OPERATION

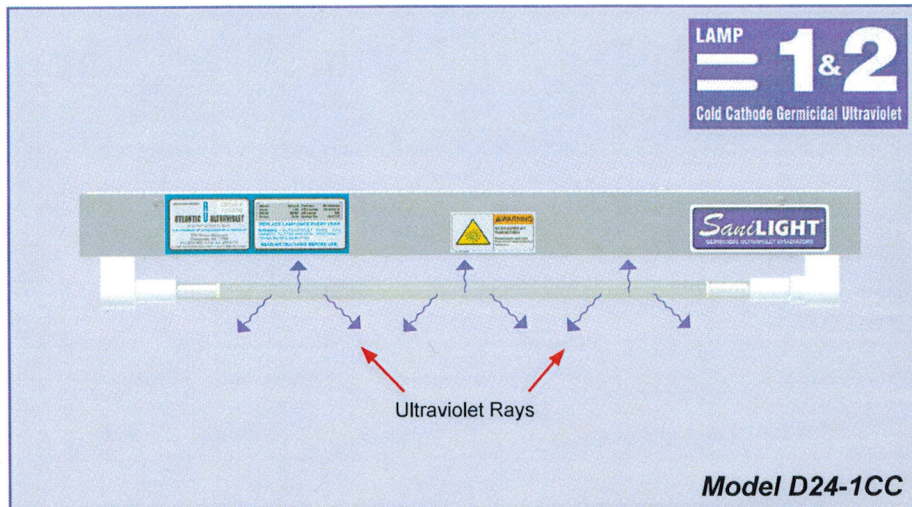


Figure 1 - Circulated room air and any exposed surfaces are irradiated with direct germicidal ultraviolet rays. Shown with cold cathode germicidal lamps. Also available with high output, and instant start germicidal ultraviolet lamps.

The **SaniLIGHT® Germicidal Ultraviolet Irradiator** design has been carefully conceived to provide direct germicidal ultraviolet exposure for air or surface disinfection. The Stainless Steel fixture should be used in open, unoccupied space to disinfect and prevent areas and surfaces from microorganisms such as bacteria, mold, and virus. The treatment is very effective when there is a long unobstructed path of the germicidal ultraviolet rays. The dosage, as it applies to ultraviolet disinfection, is a function of time, and the intensity, of ultraviolet radiation, to which the air or surfaces are exposed.

Our UV Application Specialists would be happy to perform the necessary calculations to ensure the fixture selected is appropriate for your particular application.

SaniLIGHT® Germicidal Ultraviolet Irradiators should be utilized during periods when the room is unoccupied or when occupants take appropriate protective measures.

Model DHO24-1S with Lamp Guard



Shown with high output germicidal lamp. Also available with cold cathode and instant start lamps.

All **SaniLIGHT®** Models are available with optional Lamp Guard. This wire form lamp guard helps protect lamps(s) from accidental breakage. (See page 8 for sample of Applications and page 10 for Optional Accessories.)



SPECIAL FEATURES

LAMP
= 1&2
Instant Start Germicidal Ultraviolet

SaniLIGHT® Instant Start Germicidal Ultraviolet Irradiator

Utilize the **SaniLIGHT® Instant Start Germicidal Ultraviolet Irradiator** for direct germicidal ultraviolet exposure for air and/or surface disinfection. Our UV Application Specialists would be happy to perform the necessary calculations to ensure the fixture selected is appropriate for your particular application. (See Applications below.)

Surelite™ Electronic Ballast

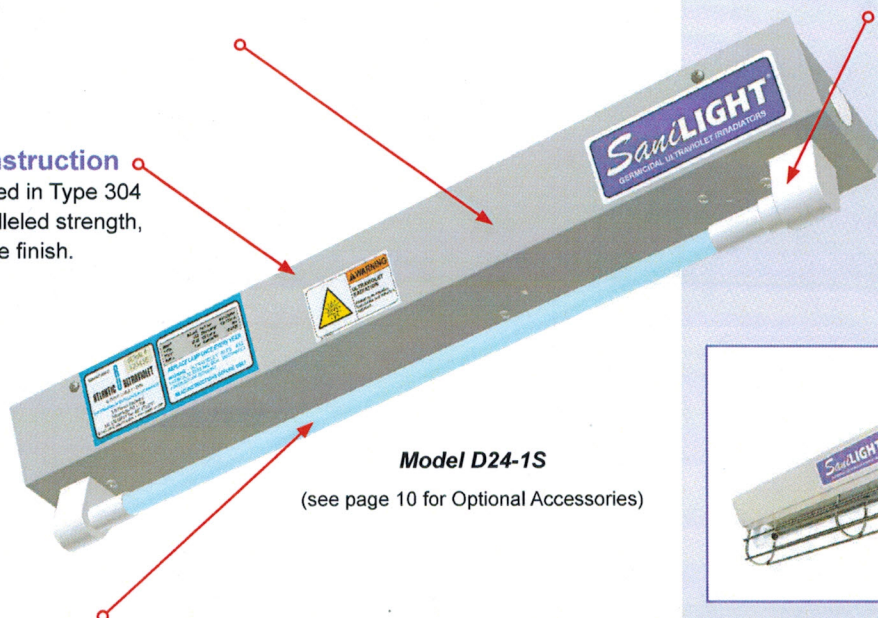
State-of-the-art electronic ballasts are designed specifically to operate ultraviolet lamps.

Surelite™ Electronic Ballasts offer these advantages over conventional ballasts:

- deliver high uv lamp output
- lightweight
- operate cool for longer life
- versatile—each operates a wide range of lamps
- save energy through high efficiency
- provide silent operation

Stainless Steel Construction

The fixture is manufactured in Type 304 stainless steel for unparalleled strength, durability and an attractive finish.



Model D24-1S

(see page 10 for Optional Accessories)

STER-L-RAY® Instant Start Germicidal Lamp

Lamps are instant starting and provide the utmost in quality, sustained output, and longevity. (See page 11 for information.)

Steadfast™ Lampholder

Set includes a stationary and a spring-loaded, telescopic holder that holds a single pin lamp securely. The spring-loaded feature on one end facilitates convenient, quick and easy lamp changes.



Wire Form Lamp Guard (optional)

Wire form lamp guard helps protect lamp(s) from accidental breakage. Must be ordered at same time as fixture.

APPLICATIONS*

laboratories • hospitals • clinics • maternity areas • labor & delivery areas • pathology labs
kidney dialysis labs • operating rooms • methadone clinics • burn centers • TB clinics • homeless shelters
prisons and jails • detention centers • nursing homes • universities • schools • veterinary clinics
animal husbandry • kennels • food industry • food processing • dairy processing • bakeries • office buildings
conference rooms • clean rooms • pharmaceutical mfg. • electronic production • cosmetic production
manufacturing facilities • morgues • conveyor belt systems

* Other Applications Possible. Contact our Ultraviolet Application Specialists.

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