



Deluxe Surface-Mounted (SM) Germicidal Fixtures

American Ultraviolet Deluxe Surface-mounted Fixtures feature a contemporary dust-free appearance and offer a lifetime of dependability. Spectrally-polished reflector covers also provide ultimate germicidal ultraviolet efficiency.

Applications

SM Series fixtures from American Ultraviolet are designed for general air and surface sterilization purposes and, because they can mount to ceilings or under counters, can be effectively used for a wide variety of applications. SM Series fixtures are ideal for hospitals, laboratories and clean rooms and are often used to bathe a room in UVC each night to ensure a sterile environment for the morning work shift. The functional design allows UVC energy to be evenly distributed, and also prevents dust from accumulating on the germicidal fixtures.

SM-30-2C



The SM Series is available in 15 models, with one or two lamps, and in various lengths. Each tubular bactericidal lamp delivers 253.7 nm of germicidal ultraviolet protection. And, where odor control is necessary, high-ozone lamps can be used for the SM-30-C, SM-20-2C, SM010-SL, SM-36 and SM-36-2 fixtures. Germicidal lamp life is rated for 12,000 effective hours.

Low maintenance and low maintenance costs are attractive features of the entire SM Series. The permanent specular reflector finish can be cleaned easily with alcohol, or ammonia and water - a schedule of regular cleaning and re-lamping will ensure maximum germicidal effectiveness.

SM-30-CGR



Surface-mounted Guard Rail (SMGR) Series fixtures afford maximum lamp protection through the use of guardrails. Designed to minimize lamp breakage, they are ideally suited for areas with high personnel or material traffic, including air lock and walk-in refrigerator boxes. The SMGR is manufactured with 3/16" aluminum rod and fastened through the fixture cover for rigidity. The SMGR fixture has an overall depth of 4 5/8" with length and width areas identical to the standard SM Series fixture. Lamps may be easily removed for maintenance and replaced without disassembly of the fixture or guardrail.

Benefits

- Direct air and surface sterilization of DNA-based contaminants
- Spectrally polished reflectors maximize UVC lamp output
- 18"-37" fixture lengths
- Single and dual lamp configurations
- Hot Cathode, Cold Cathode and Slimline fixtures available
- Simple, tool-free lamp change



Direct Surface-Mounted Germicidal Fixtures

SINGLE LAMP					
Style	Lamp Required	U.V. Watts	Dimensions L W H	Mounting Template	
SM-30-C	GML010	8.3	37	5.125" x 4.125"	3
SM-20-C	GML025	5.5	27		2
SM-10-C	GML020	2.8	18.125		1
SM-36	GML005	13.8	37		3
SM-10-SL	GML060	5.3	18.125		1
SM-30-H	GML220	8.3	37		3
SM-25-H	GML215	5.0	18.125		1
SM-15-H	GML210	3.6	18.125		1

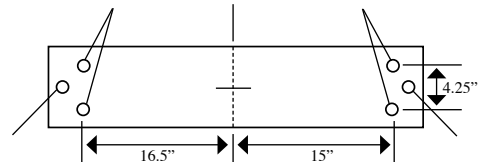
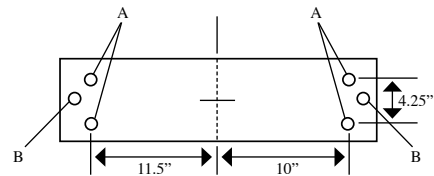
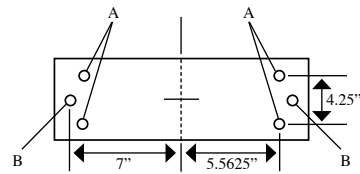
DOUBLE LAMP					
Style	Lamps Required	U.V. Watts	Dimensions L W H	Mounting Template	
SM-30-2C	GML010 (2)	16.6	37	5.125" x 4.125"	3
SM-20-2C	GML025 (2)	11.0	27		2
SM-10-2C	GML020 (2)	5.6	18.125		1
SM-36-2	GML005 (2)	27.6	37		3
SM-30-2H	GML220 (2)	16.6	37		3
SM-25-2H	GML215 (2)	10.0	18.125		1
SM-15-2H	GML210 (2)	7.2	18.125		1

UVC Operating Room Equipment "Package"

Ask about our Complete UVC Operating Room Equipment "Package"

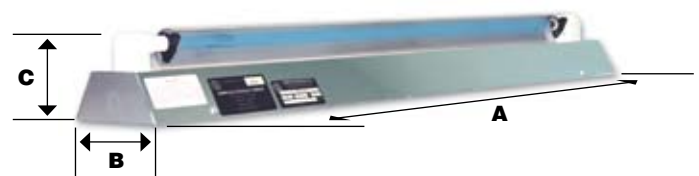


Mounting Templates



A: .25" Mounting holes
B: .875" Knock-outs for box mounting

Dimensional Schematic



All Models 118 Volts, 60Cy.
Other Voltages Available
U.L. Listed

Represented by:



American Ultraviolet®

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Factors are presented for American Ultraviolet fixtures only and American Ultraviolet reserves the right to alter dimensions for design and efficiency improvement without prior notice.

Prolonged, direct exposure to UVC light can cause temporary skin redness and eye irritation, but does not cause skin cancer or cataracts. American Ultraviolet systems are designed with safety in mind and, when properly installed by a professional contractor, do not allow exposure to UV irradiation and allow for safe operation and maintenance.

AUV SM SERIES