

Upper Room Air Germicidal UVC Technology

- 254 nm germicidal UVC with the industry’s highest UVC output
- Industry first adjustable apertures to compensate for different ceiling heights
- 2021 IES Progress Report Winner
- Powerful integral air handling circulates room air through the UVC energy field

Construction

- All aluminum construction except UV stabilized polycarbonate end caps

Finish

- Polyester powder coat finish on all visible aluminum parts



Optics

- Horizontal multicell louvers restrict stray UVC emissions below the fixture
- Adjustable apertures can be adjusted to increase **UVC output from 2.2 watts to 6.98 watts** as ceiling height increases

Mounting

- Minimum mounting height is 7’ 9” from the fixture bottom to the finished floor
- Recommended to not have obstructions or walls less than 10 ft in front of the fixture’s apertures

Compliance

- This GUV product is designed to comply with UL1598 CRD SL4.8 Risk Group 0
- UL 1598 listed GUV fixture
- The installer must follow all the safety instructions in this manual



Warnings and Safety

- All warnings and safety information in this manual must be strictly followed

Order Information

SL-AIR-75 75-watt UVC lamp, covers approx. 700 sq. ft
 SL-AIR-40 40-watt UVC lamp, covers approx. 600 sq. ft

DIMENSIONS	LENGTH	38.875" 987 MM
	WIDTH	13.88" 352 MM
	HEIGHT	9.95" 253MM
	WEIGHT	29 LBS/13.15 KG
ELECTRICAL SL-36KT-75	INPUT WATTS @ 120-277V	113W
	VOLTS	120-277
	AMPS @ 120v	0.58
	FREQUENCY	50-60 HZ
	LAMP UVC OUTPUT	23
ELECTRICAL SL-36-KT-40	INPUT WATTS @ 120-277V	64
	VOLTS	110-277
	AMPS @ 120v	0.33
	FREQUENCY	50-60 HZ
	LAMP UVC OUTPUT	14



Certified Laboratory Test Results

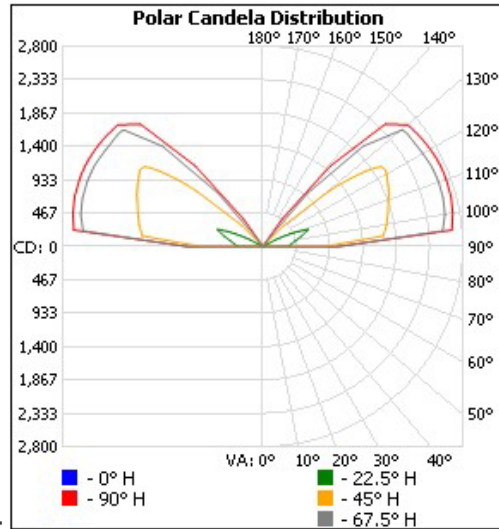
intertek

Total Quality. Assured.

RADIOMETRIC .IES FILE

(see notes below)

Filename: 104457374CRT-003 Config 2 _ IES
 Manufacturer: ILLUMISOFT LIGHTING CANADA
 Luminaire: UPPER ROOM AIR GERMICIDAL FIXTURE
 Luminaire Cat: SANILUME V2
 Lamp: Hg Lamp
 Distribution: Quadrilateral Symmetry
 Lamp Output: Total luminaire Lumens: 6978.6
 Max Candela: 2,733.0 at Horizontal: 90°, Vertical: 112°
 Input Wattage: 97.89
 Luminous Opening: Rectangle w/Luminous Sides (L: 34.56", W: 13.56", H: 0.6")
 Test: The data set was measured in RADIOMETRIC UNITS. The following applies for data in this .IES file:
 Lumens-> mW, lux-> mW/m², candela-> mW/sr
 Test Lab: Intertek Cortland
 Near Field Test: Test distance of 194.4cm (max per gonio limits for UV for this EUT). Inverse square law may not be appropriate based on product dimensions.
 Photometry : Type C
 Cutoff Class: Noncutoff
 Nema Type: 3 X 1



Wide Beam

Set for Higher Ceiling Heights

6.98 watts UVC output

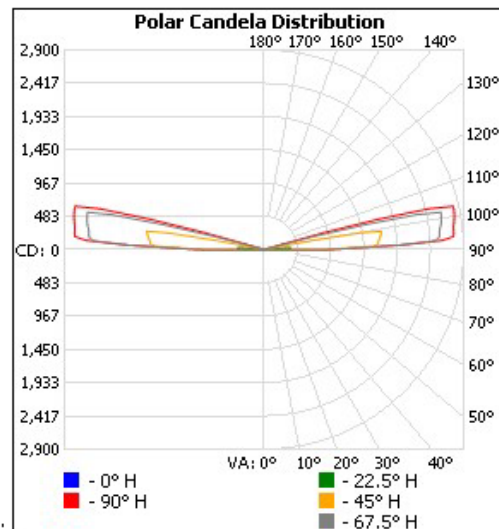
intertek

Total Quality. Assured.

RADIOMETRIC .IES FILE

(see notes below)

Filename: 104457374CRT-003 Config 1 _ IES
 Manufacturer: ILLUMISOFT LIGHTING CANADA
 Luminaire: UPPER ROOM AIR GERMICIDAL FIXTURE
 Luminaire Cat: SANILUME V2
 Lamp: Hg Lamp
 Distribution: Quadrilateral Symmetry
 Lamp Output: Total luminaire Lumens: 2124.8
 Max Candela: 2,819.0 at Horizontal: 90°, Vertical: 102°
 Input Wattage: 97.89
 Luminous Opening: Rectangle w/Luminous Sides (L: 34.56", W: 13.56", H: 0.6")
 Test: The data set was measured in RADIOMETRIC UNITS. The following applies for data in this .IES file:
 Lumens-> mW, lux-> mW/m², candela-> mW/sr
 Test Lab: Intertek Cortland
 Near Field Test: Test distance of 194.4cm (max per gonio limits for UV for this EUT). Inverse square law may not be appropriate based on product dimensions.
 Photometry : Type C
 Cutoff Class: Noncutoff
 Nema Type: 1 X 1



Narrow Beam

Set For 8-9 Ft. Ceilings

2.2 watts UVC output