SpeedLight Jr.™ UV Specifications

Dimensions:

• Mounting Plate: 3" x 3"
• UVC H-Lamp: 1" x 12”; 14”; 16”
• Duct Mounting Hole: 1"

Weight:

• UVC H-Lamp Assembly: 12” -3.9 oz ; 14” - 4.1 oz; 16” - 4.6 oz

Electrical

• 120 or 24 VAC
• UL/ULC Listed Electronic Ballast

UVC H-Lamp Potency

• 12”– 9 Watt; 14” -10 Watt; 16” - 17 Watt, >38 uW/cm2 @ 1 meter

Effective Lamp Life

• 9,000 hours

Ultraviolet Lamp Assembly

1. 12”– 9 Watt; 14” -10 Watt; 16” - 17 Watt UVC H-Lamp

2. Mounting Plate

3. Powerful Magnets

4. Magnetic mounting bracket for mounting unit inside duct

Electronic Power Supply

Provides constant wattage to the UVC H-lamp.

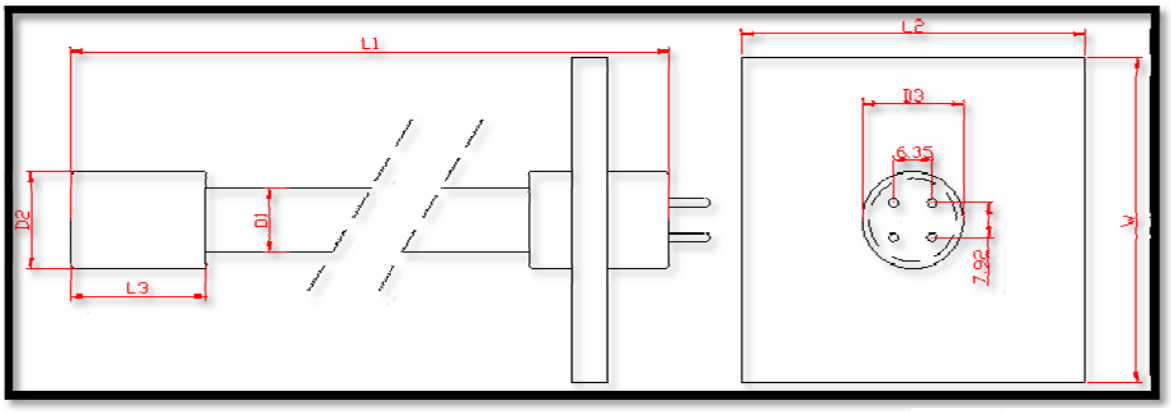
5. To 120 or 24 VAC Connection

6. To Lamp Assembly

Application(s):

1) Designed for surface disinfection, to prevent the reproduction of microorganisms on specific components of an HVAC system.

SpeedLight Jr.™ UV Specifications



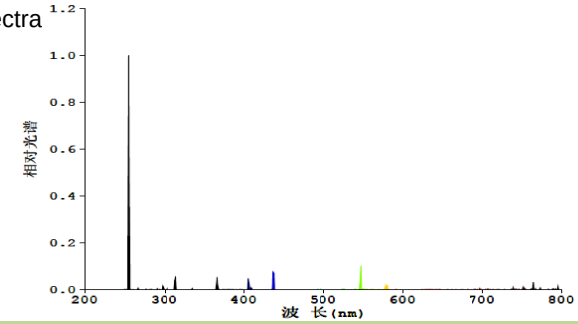
*L1 measurement is for 16″ lamp.

1. Dimensions
    a. L1 (mm): 437±1.5
    b. L2 (mm): 76±0.5
    c. L3 (mm): 30±0.5
    d. W (mm): 76±0.5
    e. D1 (mm): 15±0.2
    f. D2 (mm): 19.5±0.6
    g. D3 (mm): 22.4±0.3

2. Material
    a. Glass Tube – ozone free quartz glass
    b. Electrode – hot cathode
        i. Electrode Outle – molybdenum rod
        ii. Filled Gas – 99.9995% pure argon
        iii. Hydrargyrum – 99.9995% pure liquid mercury <5mg

3. Performance
    a. Power (W): 17
    b. Input Voltage (V): 75±15%
    c. Current (mA): 270 (for reference only)
    d. UV Radiation Intensity (uW/cm2): >38 1 meter distance
    e. Stabilization Time (min): 5
    f. Average Working Time (h): >9000
    g. Ambient Temperature: 26±2℃
    h. Relative Humidity: 50% - 90%
    i. Working Temperature: 0℃ - 50℃
    j. Working Humidity: 20% - 90% (without dew, ice freeze)
    k. Storage Temperature: 0℃ - 70℃
    l. Storage Humidity: <85% (without dew, ice freeze)

4. Ultraviolet Spectra



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