

SpeedLight™ UV Specifications

Dimensions:

- Mounting Plate: 3" x 3"
- UVC H-Lamp: 1.75" x 16"
- Duct Mounting Hole: 2"

Weight:

- UVC H-Lamp Assembly: 5 oz

Electrical

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

UVC H-Lamp Potency

- 36 watt, 105 uw/cm² @ 1 meter

Effective Lamp Life

- 9,000 hours

Ultraviolet Lamp Assembly

1. 36 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.

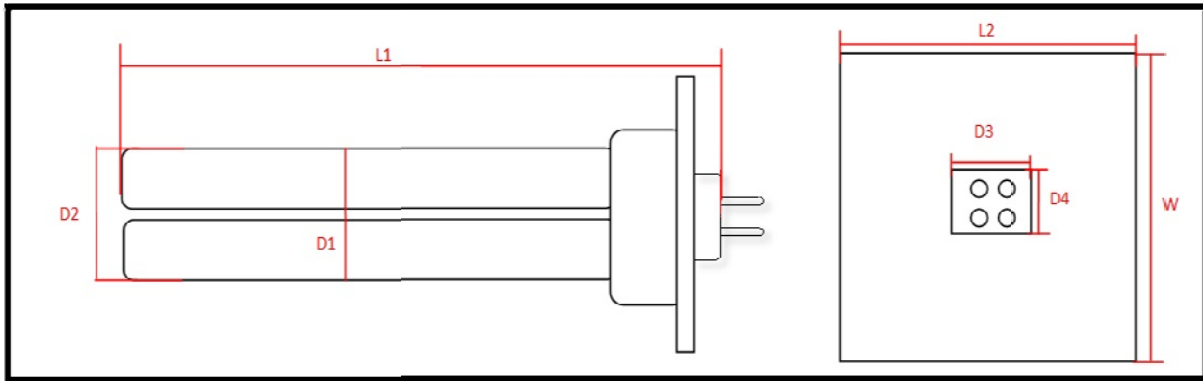
5. To 120 or 24 VAC Connection
6. To Lamp Assembly



Application(s):

- 1) Designed for airstream disinfection, to reduce the viability of microorganisms as they flow through the HVAC system and
- 2) Designed for surface disinfection, to prevent the reproduction of microorganisms on specific components of an HVAC system.

SpeedLight™ UV Specifications



1. Dimensions

a. L1 (mm):	422±1.5
b. L2 (mm):	76±0.5
c. W (mm):	76±0.5
d. D1 (mm):	34±0.2
e. D2 (mm):	34±0.6
f. D3 (mm):	19.1±0.3
g. D4 (mm):	14.2±0.3

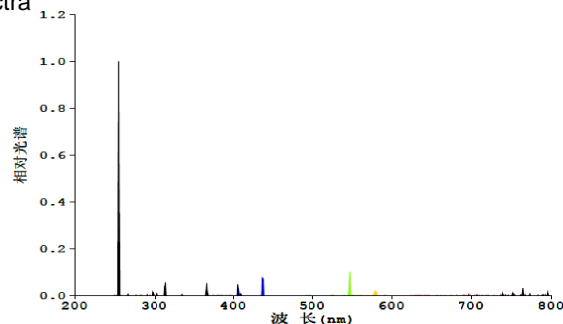
2. Material

- Glass Tube – ozone free quartz glass
- Electrode – hot cathode
 - Electrode Outle – molybdenum rod
 - Filled Gas – 99.9995% pure argon
 - Hydrargyrum – 99.9995% pure liquid mercury <5mg

3. Performance

a. Power (W)	36
b. Input Voltage (V)	75±15%
c. Current (mA)	270 (for reference only)
d. UV Radiation Intensity (uW/cm ²)	105 @ 1 meter
e. Stabilization Time (min)	5
f. Average Working Time (h)	>9000
g. Ambient Temperature	26±2°C
h. Relative Humidity	50% - 90%
i. Working Temperature	0°C - 50°C
j. Working Humidity	20% - 90% (without dew, ice freeze)
k. Storage Temperature	0°C - 70°C
l. Storage Humidity	<85% (without dew, ice freeze)

4. Ultraviolet Spectra



Filtration Manufacturing, Inc.
 47 J Faris Road
 Andalusia, AL 36421
 800-239-9495
www.filtrationmanufacturing.com