

ALKCO

UV-C

Strip

1 or 2 lamp T8 Philips TUV



The ALKCO UV-C strip utilizes Philips UV-C technology to continuously treat the air to reduce airborne pathogens.* UV-C can play an important role in a broad range of applications such as schools, offices, industry, (food) retail and museums.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

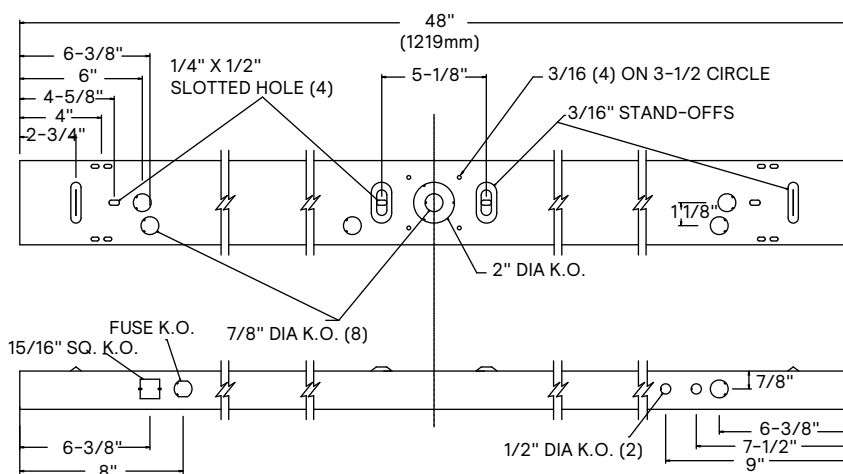
Example: UST236-UNV-1/2-EB

| Family | Lamp Quantity | Lamp Type/Wattage | Voltage | Ballast | Options |
|----------------|--------------------------|-----------------------|-----------------------------------|---|---|
| UST | | 36 - | UNV - | 1/2-EB - | |
| UST UV-C strip | 1 One lamp 2 Two lamp | 36 36W T8 Philips TUV | UNV Universal voltage 120-277V | 1/2-EB One 2 lamp electronic ballast | blank White external housing BK Black external housing |

General Notes

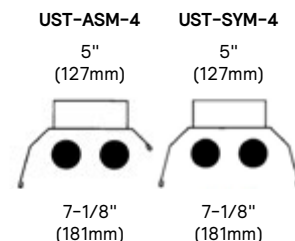
- All options factory installed.
- All accessories are field installed.
- Lamps are included with luminaire but shipped separately.

Dimensions



Accessories (order separately)

- UST-ASM-4 4' asymmetric reflector
- UST-SYM-4 4' symmetric reflector
- CG-4 4' wire guard for strip without reflector
- HH5-VHOOK 54" chain & V hooks
- TH-1 Sliding hanger, flush mounting



Mounting height

No specified mounting restrictions, used in unoccupied space.

* Alkco's wall mount and ceiling mount upper air UV-C luminaires were tested for SARS-CoV-2 in Innovative Bioanalysis Lab. The wall-mounted luminaire achieved 99.9% reduction in 10 minutes and the ceiling mount luminaire achieved 92.6% reduction in 20 minutes. The luminaires were also tested for Escherichia coli in Intertek Lab. Both luminaires achieved 99.9% reduction in 45 minutes.

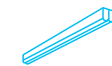


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Controls System

For proper UL certified permanent installations, a controls system must be used with Alkco UV-C strips. As an example, the system would consist of a control panel with optional components including checkpoint switches, door switches, warning lights, emergency stop switches, and motion detectors. See UV controls specification sheets for details.



UV-C lamp



Checkpoint



Warning light



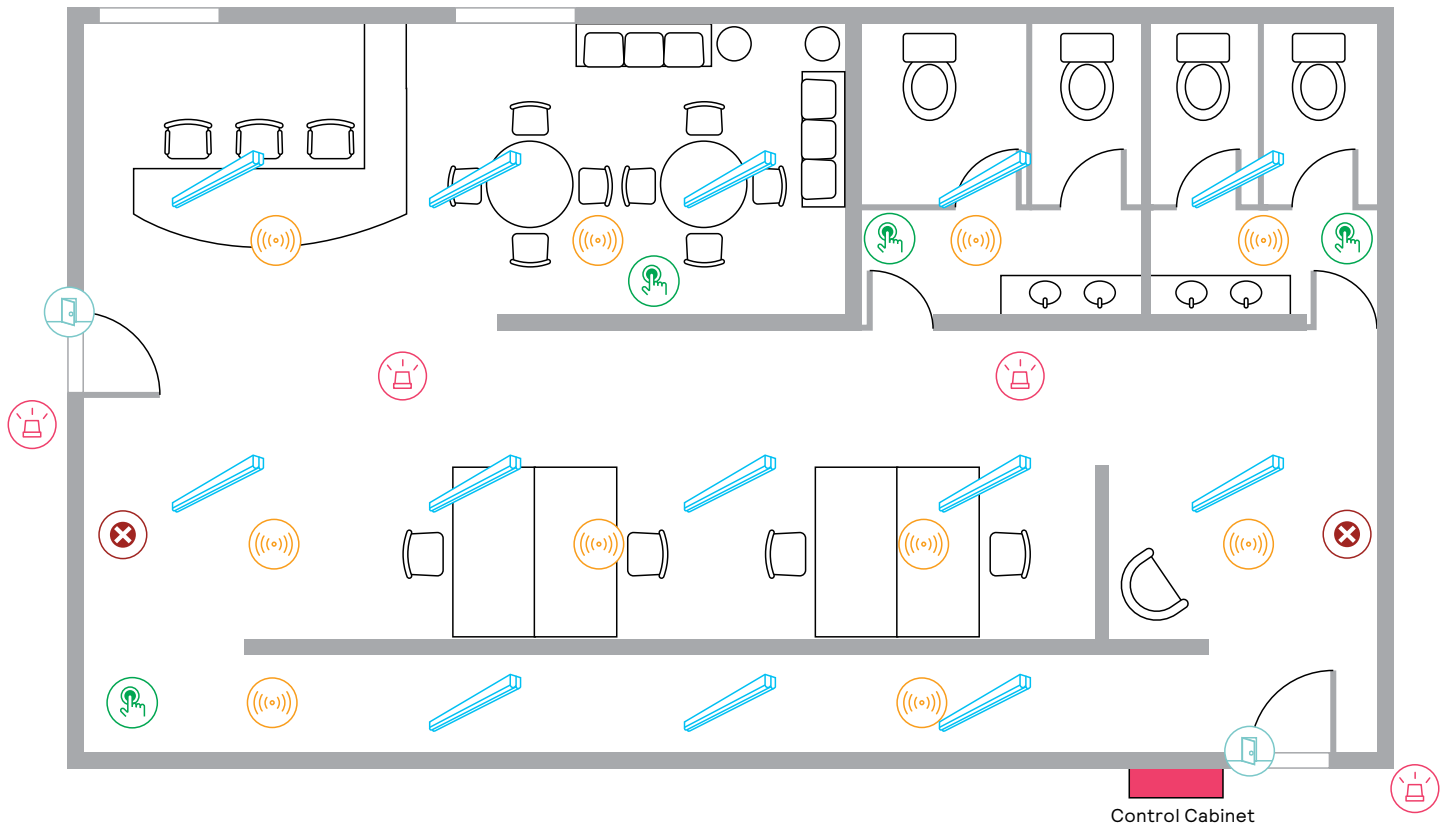
Door switch



Area emergency stop



Motion sensor



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UV-C

- This UV-C product is intended to be used for the treatment of air except for in medical locations.
- Philips TUV T8 lamps produce a peak output at 253.7nm.

Construction/Finish

- Multiple knockouts for convenient installation.
- Heavy duty channel of code gauge die formed steel.
- High reflectance white baked enamel finish.
- Quarter turn latch secures channel cover for easy wireway access.
- Lamps are included with luminaire but shipped separately.

Disclaimer

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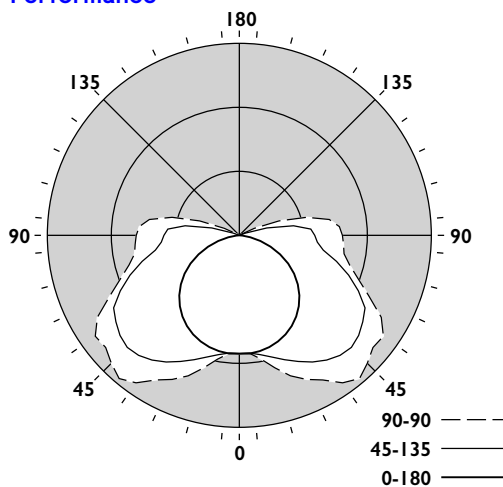
Warnings and Cautions

- This UV-C product is not approved and/or certified as a medical device.
- This UV-C product cannot be used to treat the surfaces of medical devices (such as medical devices in a room, surgical masks and/or surgical respirators). The device cannot be used in medical settings. The device cannot be used for treatment of human skin.
- UV-C radiation can damage the human eye and can cause severe sunburn-like reaction to human skin.
- UV-C can have adverse affects on organics such as plants and animals.
- UV-C radiation may damage or discolor materials such as plastics and rubber, among others.
- UV-C products should be installed and maintained by a trained technician following installation instructions and user manual.
- This UV-C product must be combined with a UL certified controls system for use in permanent installs. See page 2 for controls system example.

Warranty

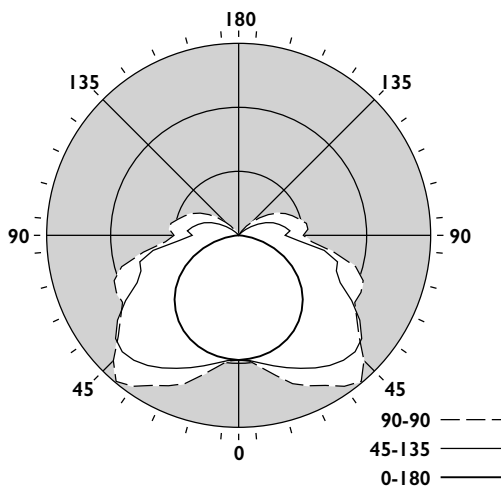
- 1 year limited warranty ([signify.com/warranties](https://www.signify.com/warranties))

Performance



UST136-UNV-1/2-EB (1 Lamp)

Lamp Type 36W T8 TUV
Input Watts 38.0
Irradiance (mW) 14160.1



UST236-UNV-1/2-EB (2 Lamp)

Lamp Type 36W T8 TUV
Input Watts 92.4
Irradiance (mW) 32598.6



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