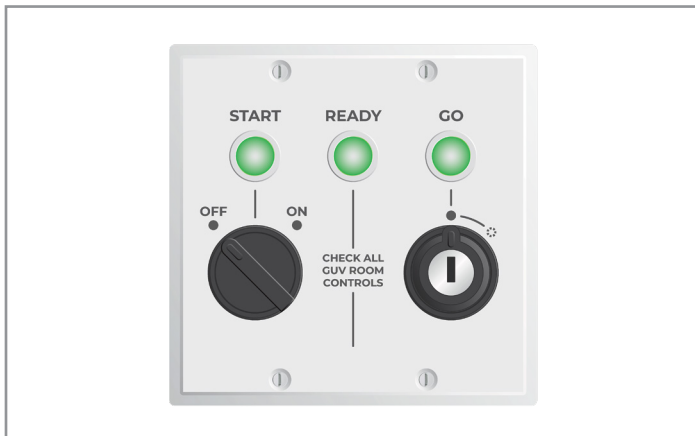


| | | | | | |
|-------------|--|-----------|--|------|--|
| Project | | Catalog # | | Type | |
| Prepared by | | Notes | | Date | |



Cooper Lighting Solutions

Germicidal UV (GUV) User Station

GUV User Station to operate the GUV Control System

Typical Applications

Office • Education • Healthcare • Restaurant

Interactive Menu

- Order Information page 2
- Additional Resources page 3
- Wiring Diagrams page 3
- GUV Education page 6
- Product Warranty

Product Certification



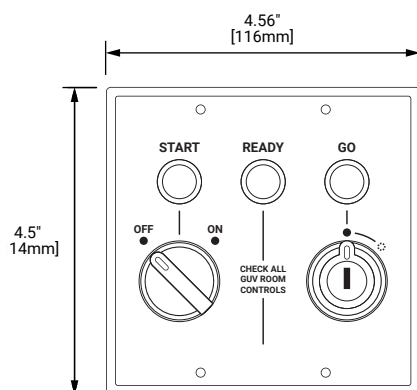
Product Features



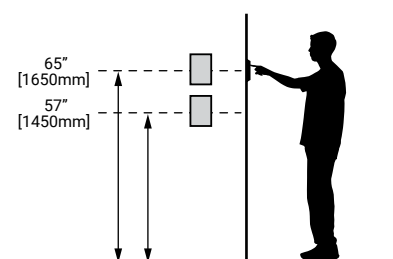
Top Product Features

- **GUV User Station** – The GUV User Station is an information center and user interface to the GUV Control System. It mounts in a double gang wallbox.
- **LED Indicator** – The LED indicators notifies the operator that:
 START: Power has been supplied
 READY: All safeguards and met
 GO: The system is actively running
- **Keyed Activation Switch** – The GUV User Station houses a keyed activate switch which ensures only authorized personnel can operate the system. Key included is universal to all GUV User Stations.
- **UL8802 Safety Certified GUV System** – Designed to meet UL8802 standards for safer disinfection than systems without an equivalent control system in place.

Dimensional Details



Mounting Height



Order Information

Catalog Number

| Catalog Number | Description |
|----------------|------------------|
| GUV-USER-1 | GUV User Station |

Required Accessories

Catalog Number

| Catalog Number | Description |
|------------------|--|
| GUV-PB-1 | GUV Clearance Pushbutton |
| GUV-MAG-SENSOR-1 | GUV Magnetic Access Sensor |
| GUV-16-120-277 | Medium - GUV Control Panel with 16 Pushbutton Inputs |
| GUV-24-120-277 | Large - GUV Control Panel with 24 Pushbutton Inputs |

Product Specifications

Key Features

- LED Indicator lights
- Keyed on switch with key. The key works on all GUV User Stations
- Fits standard double gang mounting boxes
- Low voltage class two power
- Permanently marked wallplate included

Mechanical

Size: 4.56" x 4.5" x 2.77" (116mm x 114mm x 70mm)

Mounting Depth: 1.67" (42mm)

Weight: 0.5 lbs (0.23 kg)

Environment:

- **Operating temperature:** 35°F to 104°F (+2° C to +40° C)
- **Storage temperature:** max 140°F (+60° C)
- **Relative humidity operating:** +5 to 95% non-condensing
- For indoor use only

Mounting: Standard Double Gang Backbox

Mounting Height: 57-65"

Button Color: Green

Dial Color: Black

Housing: Plastic

Electrical

Input Voltage: 24VDC

Wiring: 18 AWG suitable for class 2 wire

Standards/Ratings

- UL8802 Safety Certified GUV System – Designed to meet UL8802 standards for safer disinfection than systems without an equivalent control system in place

Warranty

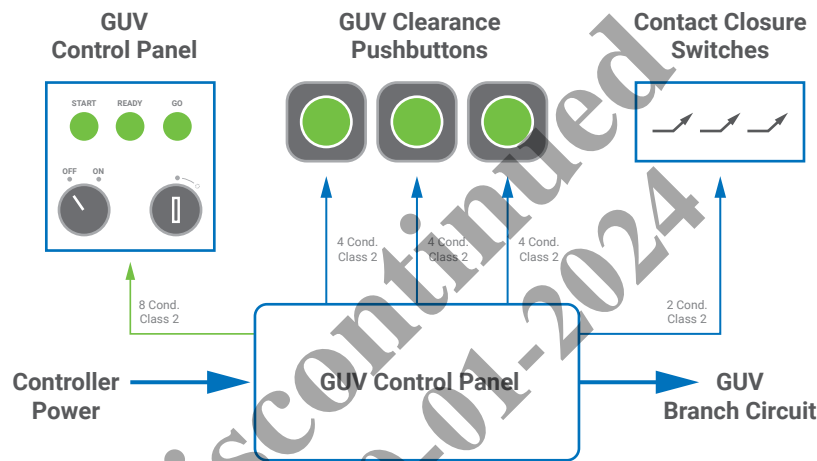
Five year standard limited warranty

Overview of the complete GUV Control System

The UL8802 Safety Certified GUV Control System is composed of one GUV Control Panel, one GUV User Station, GUV Clearance Pushbuttons and GUV Magnetic Access Sensors.

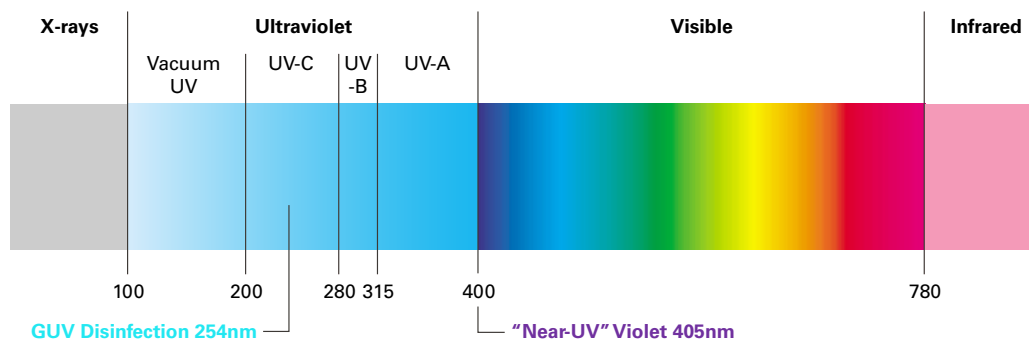
- **The GUV Control System** – Meets UL safeguard requirements as per UL8802. The safeguards ensure that the GUV Control system can be turned on and remains on if all safeguards are met. In the event someone enters the space, the system will automatically turn off and will not restart until the safeguards are met again and the user turns the system back on.
- **GUV Control Panel** – A control panel that manages the GUV Control System based on inputs received from the GUV Clearance Pushbuttons, GUV Magnetic Access Sensors installed at each door/windows and the GUV User Station installed outside the cleaning area. The GUV Control Panel includes a timer that allows the certified installer to configure the maximum activation time for the space disinfection.
- **GUV User Station with LED Indicators** – Contains the Off/On selector switch and a system activate keyed switch. The selector switch provides power to the GUV Clearance Pushbuttons while the keyed switch turns the GUV fixtures On. The LED indicators notifies the operator that:
 START: Power has been supplied
 READY: All safeguards are met
 GO: The system is actively running
- **GUV Magnetic Access Sensors** – The GUV Magnetic Access Sensors are to be installed at the entrances and windows of the enclosed spaces. These sensors act as the primary safeguard within the GUV Control System. All doors/windows need to be closed for the GUV operator to activate the GUV Control System. Opening a door or window will stop the GUV session.
- **GUV Clearance Pushbuttons** – Clearance Pushbuttons are used to verify that no one is within the space prior to the GUV session. The GUV Clearance Pushbutton acts as the secondary safeguard. All GUV Clearance Pushbuttons installed within the space need to be pressed for the GUV operator to activate the GUV Control System. Inactivating a GUV Clearance Pushbutton during the GUV session will turn off the GUV Control System.

System Topology



GUV Education

- GUV (germicidal ultraviolet) is a proven and effective disinfection technology.
- GUV refers to short-wavelength ultraviolet “light” outside of the visible spectrum that is proven to kill bacteria and inactivate viruses...FAST! These short wavelengths in the photobiological UV spectral band known as “UV-C” are centered at 254nm, which is the optimal source wavelength for eliminating pathogens.
- GUV is an excellent surface and air disinfectant due to its quick germicidal efficacy.
- Germicidal effectiveness is determined by the exposure dose irradiance (how much) and time (how long).
- GUV can pose a safety and health hazard to the eyes and skin if the product is improperly used or installed.
- Follow recommended practices for utilization and control of GUV fixtures.



For more information on Fail-Safe GUV Disinfecting Solutions, please visit www.cooperlighting.com/GUV