

# HANDHELD COMMERCIAL UVC LIGHT INSTRUCTION

MODEL# 42UVX202H, 18UVX104H

## ⚠ IMPORTANT:

READ CAREFULLY BEFORE OPERATING THIS FIXTURE. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE. THIS FIXTURE MUST BE WIRED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES. PROPER GROUNDING IS REQUIRED FOR SAFETY. WE STRONGLY ENCOURAGE ONLY A LICENSED ELECTRICIAN INSTALL, OPERATE AND MAINTAIN THIS PRODUCT. IF YOU ARE NOT QUALIFIED OR UNFAMILIAR WITH ANY ASPECT OF THIS INSTRUCTION SHEET, CONSULT AN ELECTRICIAN. THERE ARE NO SERVICEABLE PARTS INSIDE.

## ⚠ WARNING:

**RISK OF FIRE AND ELECTRIC SHOCK**-DISCONNECT POWER AT BREAKER BEFORE WIRING OR SERVICING.

**RISK OF PERSONAL INJURY**-FIXTURE MAY BECOME UNSTABLE OR DAMAGED IF NOT INSTALLED PROPERLY.

**RISK OF BURN**-ALLOW FIXTURE TO COOL BEFORE SERVICING.

ULTRAVIOLET LIGHT IS HARMFUL TO EYES AND SKIN. **DO NOT** STARE DIRECTLY INTO THE ULTRAVIOLET BEAM OR DISINFECTION WITHOUT WEARING PROTECTIVE GEAR TO PROTECT EYES FROM LONG TERM DAMAGE.

**DO NOT TOUCH BULB WITH BARE HANDS.** THE OILS IN YOUR SKIN WILL DAMAGE THE LAMP. FINGERPRINTS WILL RESULT IN REDUCED PERFORMANCE AND SIGNIFICANTLY REDUCE

THE LIFESPAN OF THE LAMP UNLESS REMOVED WITH ALCOHOL. BE SURE FIXTURE IS DISCONNECTED FROM POWER SOURCE AND COOLED OFF BEFORE

## OPERATION SAFETY

- 1, People and animals are forbidden from being exposed to the light output of this light for extended periods of time. Long term exposure will cause damage to the eyes and skin.
- 2, This product produced UV radiation. Anything in front of the unit will be exposed to UV radiation. Operators positioning the light while not illuminated will not be exposed. Radiation is only emitted while the light is turned on. Radiation will not linger in the environment when the lamps have been powered off. Safety equipment is only required when the device is in-use.
- 3, Wear eye protective gear when operation the equipment. Polycarbonate safety glasses at minimum are required during all operations. Full frontal polycarbonate or UV-preventative face masks are recommended.
- 4, Wear long sleeves and gloves when operating the equipment. Personal protective gear is required for long term exposure.
- 5, Make it a policy to never enter areas being disinfected with UV lighting without powering off the light first. Seek local medical treatment if severe damaged caused.

## DISINFECTION AREA AND TIME

- 1, Suitable for surface disinfection. Not for water disinfection.
- 2, Do not face the tube side to human body when operation.
- 3, See below disinfection time for different application as reference.

SPECIES	WATTAGE	STERILIZATION TIME
Bacteria/Virus	18W	<1 second
Mold Spore	18W	1-10 seconds

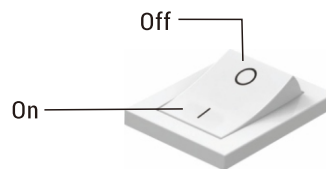
## OPERATION

### ⚠ WARNING:

**RISK OF FIRE AND ELECTRIC SHOCK**-DISCONNECT POWER AT BREAKER BEFORE WIRING OR SERVICING.

CHECK PRODUCT LABEL FOR CORRECT INPUT VOLTAGE.

Turn on/off the light with the switch.



## BULB REPLACEMENT

### ⚠ CAUTION:

Be careful during the replacement and maintainance. **DO NOT** touch bulb with bare hands. Allow fixture to cool before servicing.

- 1, Release the bulb from the clip on the top.
- 2, Lift the bulb from the socket.
- 3, Replace the bulb with one of the same type and rating.
- 4, Insert the bulb into the socket.
- 5, Press the bulb into the clip on the top.

### ⚠ IMPORTANT:

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.