

3.5 Elevator Ultraviolet Disinfection System DS00101005



1. Function

UV disinfection lamp's light wave is 254nm (no ozone), so the sterilization efficiency can reach 99%.

1. Smart control

(1) Obtain the elevator signal, turn on or turn off the UV disinfection lamp when no one use the elevator. And turn off the UV disinfection lamp immediately when someone uses the elevator.

(2) It is equipped with the infrared motion sensor light controller, which is the protection device, when people (or other living thing) is sensed, do not turn on or stop the operation of the ultraviolet disinfection immediately to ensure safety.

(3) Clock function. It can turn on or turn off the ultraviolet disinfection lamp regularly.

(4) Cumulative statistics time of use the lamp, life expiration, lamp replacement reinder.

(5) PC software settings on the anti-virus, waiting time parameters, time setting, etc. U disk connection is automatically updated to the control box.

(6) Bluetooth connection, non-contact control system, update anti-virus time settings, view current status, synchronization time, etc.

2. Application

For the new elevator, ultraviolet disinfection system can be standard or optional. Access to any major brand elevator, suitable for commercial and residential elevators.

3.Product Parameters

3.1 Controller

- (1) Working voltage: 220V AC
- (2) Working current: 200mA (MAX)
- (3) Rated power: 5W
- (4) USB interface: USB2.0
- (5) Network RJ45 (optional)
- (6) Bluetooth 5.0 (optional)
- (7) Elevator signal connection: cable connection (with lug added)
- (8) Working temperature: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- (9) Storage temperature: $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$

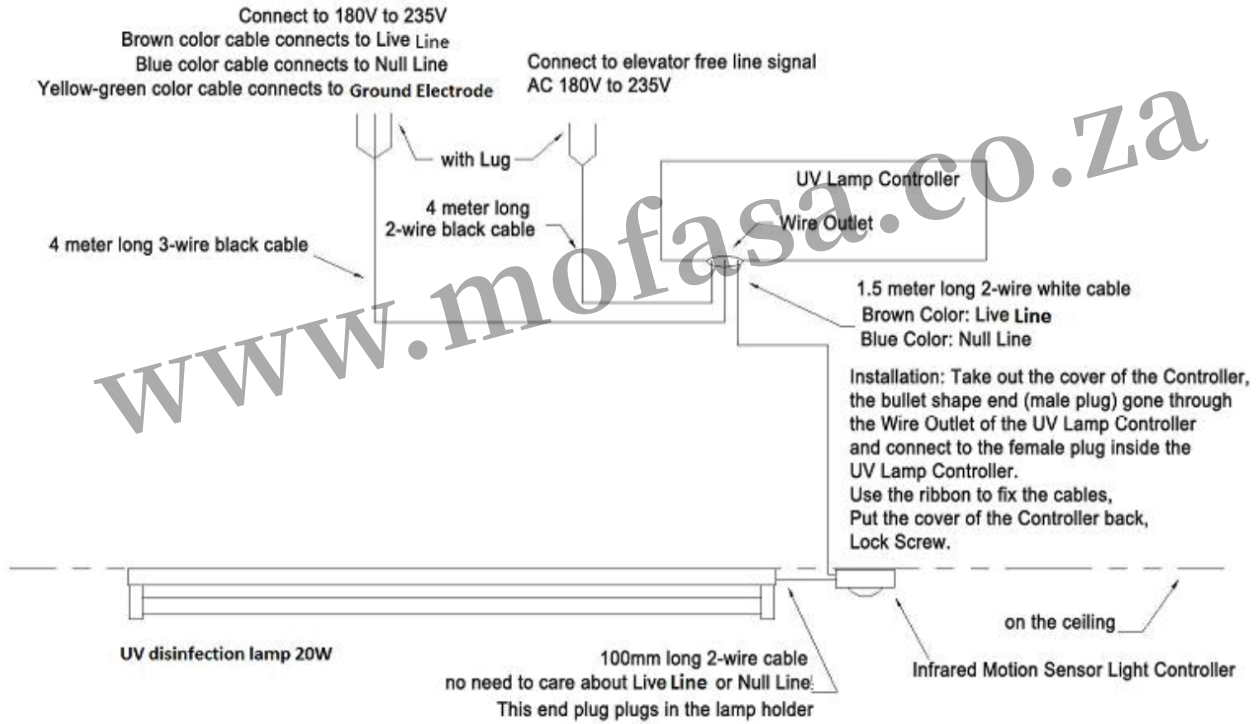
3.2 Infrared motion sensor light controller

- (1) Working voltage: AC 220V
- (2) Working frequency: 50Hz
- (3) Induction mode: human infrared movement
- (4) Detection range: $360^{\circ}/120^{\circ}$
- (5) Detection distance: 3~5m
- (6) Delay connection duration: 16 ~ 360 seconds (adjustable)
- (7) Light control sensor: 5-500LUX (adjustable)

3.3 UV disinfection lamp

- (1) Power: 10W, 20W, 30W, 40W
- (2) Voltage: AC 185 ~ 245V 50Hz
- (3) Working temperature: $-10^{\circ}\text{C} - 60^{\circ}\text{C}$, Ambient temperature: $5^{\circ}\text{C} - 40^{\circ}\text{C}$
- (4) Rated life: 8000 hours
- (5) Luminous flux maintenance rate during the lifetime: 80%
- (6) Working mode: continuous operation
- (7) Ultraviolet spectrum: 253.7nm (commonly known as 254nm)

4. Wiring Diagram



5. Product Appearance

