



## U-Protect Disinfection Gate

Spec sheet

---

THE POWER OF SUSTAINABLE DISINFECTION

## Reference picture

---

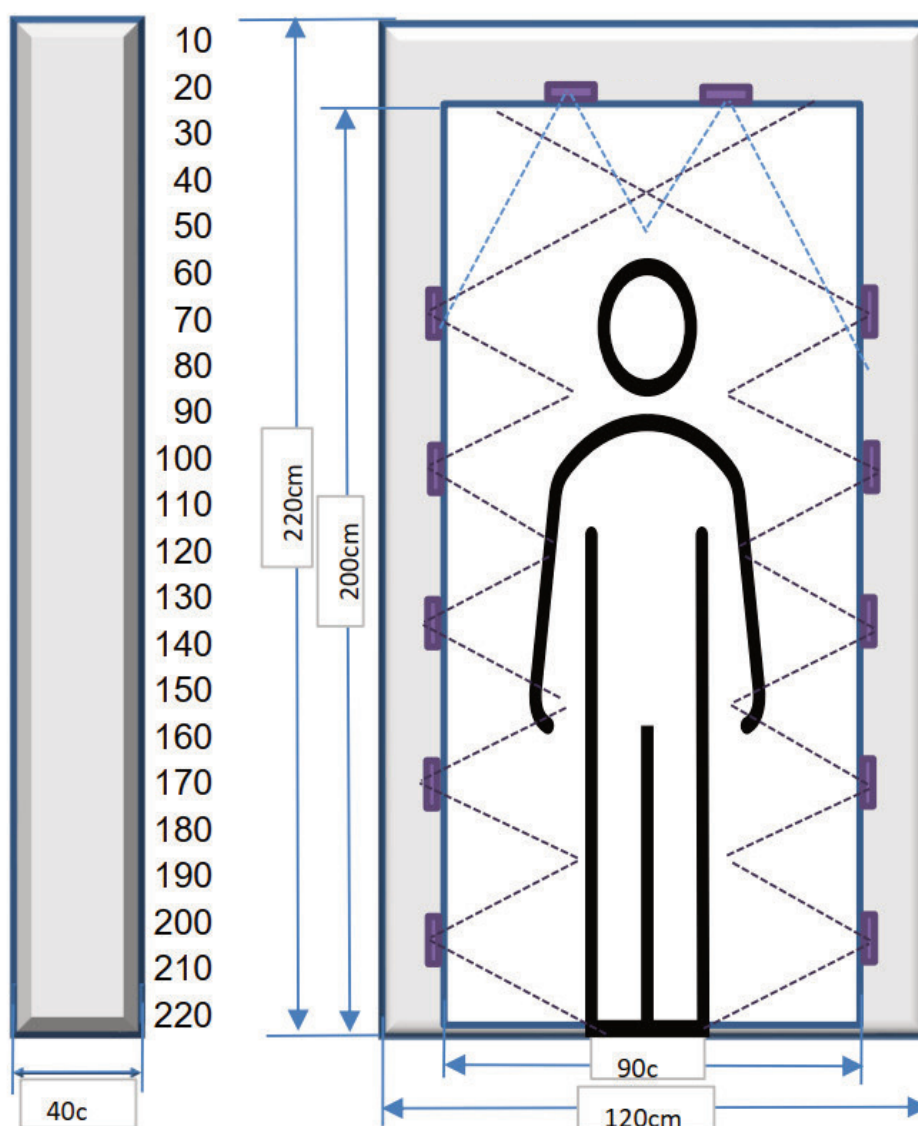


The picture is for reference, the real object is subject to the final product

# Specification

Wattage	280W (20W*12pcs)
Voltage	AC100-240V (With AC/DC adapter)
Quantity of module	12pcs
WLP	222nm
Time of going through the gate	7s
Time to reach 90% UV Output	3s
Ambient temperature range	Max:50°C, Min:-10°C
Lifetime	3000H
Safety Requirement	Mercury-free
Dimensions	2290*1500*420mm (OD)
Materials	Iron sheet with silver gray spray paint
Net Weight	45kg
Glass Tube	High Purity Quartz
Storage Environment	Dry and ventilation environment
Beam Angle	180°
Switching Cycles (15sOn/45sOff)	>500.000 times

## The time of passing through the gate



Because the dose of 222nm ultraviolet radiation required to kill more than 99% of the virus is 3 millijoules, people can pass through the disinfection door in 7 seconds to inactivate the virus on the surface of the body.

Therefore, it is recommended that the time to pass through the gate should be 7 seconds, and no more than 15 seconds.

Note: 1. The modules are replaceable  
2. According to the photobiosafety standard IEC/EN 62471, a person's exposure to 222nm UV should not exceed 22mj per day.

# THE POWER OF SUSTAINABLE DISINFECTION



Per informazioni scrivi a: [info@u-protect.it](mailto:info@u-protect.it)  
For information write to: [info@u-protect.it](mailto:info@u-protect.it)

