



U-Link

CW003SUS Escalator UV Handrail Sterilizer

The Challenge

The handrails of escalators and moving walkways are very vulnerable to infection due to the fact that each of them has contact with the hands of potentially thousands of people every day. There have been no other reasonable measures of disinfection other than wiping them two to three times a day with hand towels. This is one of the reasons why some people are hesitant to grab the handrails.

The Solution

- U-Link's handrail UV LED Sterilizer combats 99.99% of the germs on the surface of a handrail just before a passenger lays his or her hand on the handle.
- The product blocks any sources of infection from spreading by completely destroying the DNA of germs via UV LED light having a wavelength of 278nm
- Harmless to the human body, no use of any chemicals or heavy metals
- It is a wireless device with no need for a dedicated power supply
- Uses the movement of the handle to self-generate electricity
- Low-noise design



Product Specs

Size(W/H/D)mm	130*220*130
Weight(kg)	1.8kg

Outside cover

Material Type	ABS-AF312 flame retardant
Surface Finish	High-gloss painting
Colour	Black & White

Generator

DC Output	24V, 4.0W-4.5W (handrail speed 25m/min-40m/min)
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UV-C LED module

Power consumption	7-15V, 0.84w-1.1w (handrail speed 25m/min-40m/min)
Wavelength	UV-C: 278 nm
Lifespan	10,000 hours

Application Areas

