

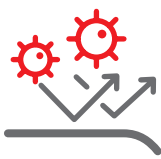
# Schindler CleanMobility Handrail Options



# Schindler CleanMobility

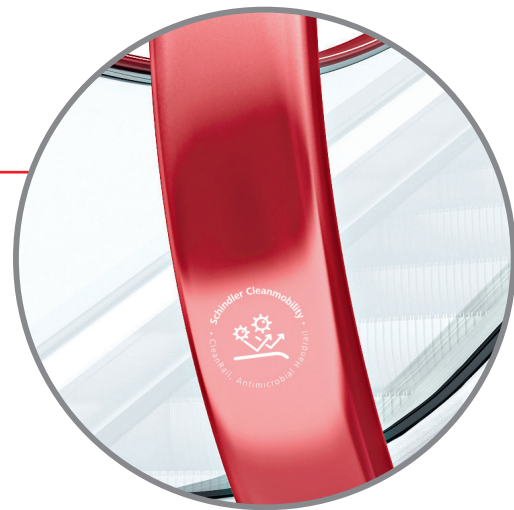
## Schindler CleanRail

The antimicrobial additive to the thermoplastic polyurethane body protects the handrail from microbial growth. The additive is engineered for plastic and textile applications, and is safe in food applications.



### Schindler CleanRail\*

Installation location	Handrail
Antimicrobial effect	Additive inhibits microbial growth on the handrail
Benefits for users	Schindler CleanMobility branding on the handrail notifies riders of the antimicrobial properties protecting the handrail



Schindler CleanMobility branding on the handrail notifies riders of antimicrobial properties protecting the handrail.\*

\*Schindler CleanMobility solutions do not confer any health benefits and are not intended to cure, treat, or mitigate any disease. The antimicrobial properties on the handrail do not protect users or others against bacteria, viruses, germs, or other disease organisms.

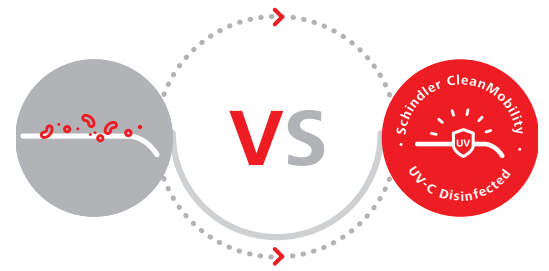
# Schindler CleanMobility

## Schindler Ultra UV (PRO) 2.0

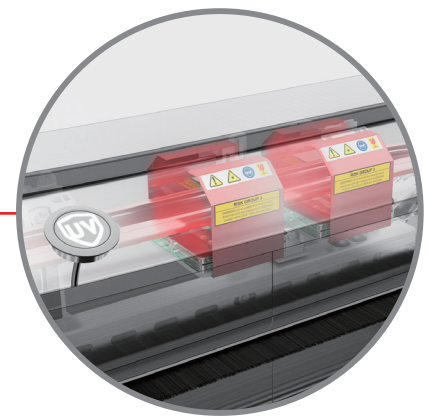


Operation indicator signals active handrail disinfection

**Indicator light on**      **Indicator light off**



Schindler Ultra UV (PRO) 2.0 provides high efficiency disinfection properties



### Schindler Ultra UV (PRO) 2.0 handrail device\*\*

The Schindler handrail Ultra UV (PRO) 2.0 handrail device uses UVC light to treat the handrails. This directly damages the genetic material of bacteria and viruses and helps prevent their spread. High-visibility "Schindler CleanMobility" branding on the balustrade notifies riders of the disinfection effect.

Thanks to the physical disinfection process using UVC LED lighting technology, handrails are disinfected efficiently and continuously. The device is installed inside the escalator or moving walk, is inaccessible to passengers, and will not inhibit passenger movement.

The design makes it easy to install. The Schindler Ultra UV (PRO) 2.0 handrail device is a practical solution to provide invisible disinfection.



Installation location	Inside the escalator or moving walk
Lighting Type	2x LED Ultra UV 2.0 / 4x LED / Ultra UV PRO 2.0
Antimicrobial effect	Uninterrupted and automatic disinfection of the surface from bacteria and viruses
Benefits for users	<ul style="list-style-type: none"> <li>- Schindler CleanMobility branding on balustrade notifies riders of disinfection effect</li> <li>- Installation inside the unit is inaccessible to passengers, and will not inhibit passenger movement</li> <li>- Physical disinfection without chemicals or heavy metal residue</li> <li>- High disinfection efficacy</li> <li>- Operation indicators foster passenger confidence by signaling active UVC disinfection of the handrails</li> <li>- Embedded sensors on Ultra UV 2.0 (PRO) measure radiation intensity, helping ensure optimal performance</li> </ul>

Ultra UV (PRO) 2.0	
Light Type	LED
Irradiation Area	100mm x 100mm
UVC Wavelength	270 ~280 nm
Irradiance	680~710 $\mu\text{W}/\text{cm}^2$
Input Voltage	24 VDC $\pm$ 10%
Power Consumption	<9.8W
Design Lifetime	15,000 hrs (until 85% of initial irradiation)
Degree of Protection	IP55

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\*\* Third-party testing demonstrates that the Schindler Ultra UV PRO 2.0 kills at least 99.99% of bacteria (*Staphylococcus arlettae*) and 99.99% of viruses (*Lactococcus lactis* bacteriophages P001 and P008) on escalator and moving walkway handrails after 200 and 300 exposure cycles, respectively.



# Schindler – We Elevate

For more information, including the location of the Schindler office nearest you, please visit:

U.S. Headquarters. Morristown, New Jersey

Tel. 973.397.6500

[www.us.schindler.com](http://www.us.schindler.com)

**Schindler CleanMobility**



Schindler has received renewal to ISO 9001 and ISO 14001 certificates.



Schindler prints with vegetable-based ink on paper containing post-consumer waste fiber.  
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