CleanRail and Ultra UV PRO options
For Schindler escalators and moving walks
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**CleanRail**
Schindler CleanRail provides antimicrobial protection, allowing passengers to enjoy their ride with a high level of hygiene. The antimicrobial addition to the thermoplastic polyurethane body inhibits the ability of microbes to function. The additive is engineered for plastic and textile applications. High-visibility “Schindler safe” branding on the handrail notifies riders of the antimicrobial effects.

**Ultra UV PRO handrail device**
The Schindler handrail Ultra UV PRO device uses germicidal UVC light to treat the handrails at a short distance. This directly damages DNA and RNA, which are the genetic materials of bacteria and viruses, preventing their rapid spread. High-visibility “Schindler safe” branding on the handrail notifies riders of the UV effects.

Thanks to the physical disinfection process using UVC LED lighting technology, handrails are disinfected in an efficient and environmentally friendly way. The device is installed inside the escalator or moving walk to ensure passenger safety. The design makes it easy to install. The Schindler handrail Ultra UV PRO device is a practical solution that may prevent the rapid spread of bacteria and viruses.

*These products are not intended to prevent disease. These provide practical measures to maximize social distancing in a small space for a short duration and are not intended as a substitute for applicable CDC guidelines and recommendations.
CleanRail and Ultra UV PRO options
For Schindler escalators and moving walks

<table>
<thead>
<tr>
<th>Escalator &amp; Moving Walk Solutions</th>
<th>Schindler CleanRail</th>
<th>Schindler Ultra UV PRO</th>
<th>Ordinary chemical disinfectants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation location</td>
<td>Handrail</td>
<td>Inside the escalator or moving walk</td>
<td>-</td>
</tr>
<tr>
<td>Disinfection principle</td>
<td>Damage to the genetic material of bacteria</td>
<td>Damage to the genetic material of bacteria and viruses</td>
<td>Inactivate bacteria and viruses by acting on their proteins</td>
</tr>
<tr>
<td>Lighting type</td>
<td>-</td>
<td>2x LED - Ultra UV PRO</td>
<td>-</td>
</tr>
</tbody>
</table>
| Disinfection effect               | Additive ensures inherent continuous and automatic antimicrobial effect | Continuous and automatic disinfection of the surface from bacteria and viruses | • Manual cleaning is not always possible  
• Difficult to guarantee accurate disinfection dosing, affecting the disinfection result  
• Risk of secondary contamination from cleaning process |

Benefits for users

- Schindler Safe branding on handrail notifies riders of antimicrobial effect
- Green and energy efficient
- Schindler Safe branding on handrail notifies riders of disinfectant effect
- Installation inside the unit provides invisible protection for passengers
- Physical disinfection with no chemical  
• or heavy metal residue
• Green and energy efficient
• Ultra UV PRO device provides an efficient level of disinfection
- Chemicals irritate skin
- May corrode the surface of handrails

Available for all Schindler escalators and moving walks

Sanitization solutions can be selected individually or combined to achieve a higher standard of hygiene protection.

Schindler Ultra UV PRO handrail device

<table>
<thead>
<tr>
<th>Ultra UV PRO</th>
<th>Light Type</th>
<th>LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irradiation Area</td>
<td>100mm x 100mm</td>
<td></td>
</tr>
<tr>
<td>UVC Wavelength</td>
<td>265–280nm</td>
<td></td>
</tr>
<tr>
<td>Irradiance</td>
<td>≥45 µW /cm² @15mm</td>
<td></td>
</tr>
<tr>
<td>Input Voltage</td>
<td>DC 24 V ±10%</td>
<td></td>
</tr>
<tr>
<td>Power Consumption</td>
<td>~9.8 w</td>
<td></td>
</tr>
<tr>
<td>Design Lifetime</td>
<td>10,000 hrs (until 85% of initial irradiation)</td>
<td></td>
</tr>
<tr>
<td>Degree of Protection</td>
<td>IP55</td>
<td></td>
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</tbody>
</table>
Schindler – We Elevate

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

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www.us.schindler.com

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www.ca.schindler.com

Schindler New Installations

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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