



Schindler Escalators & Moving Walks

Handrail sanitation solution



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Viruses and bacteria may be transferred to humans through hand contact on the handrails of escalators and moving walks, posing a potential health hazard. Public areas with dense passenger flow are fast channels for the spread of viruses and bacteria. The question of how to clean handrails most efficiently has become a matter of great urgency.

Multiple solutions

1 Professional Schindler Maintenance Services



2 CleanRail



3 Ultra UV



4 Ultra UV PRO



* Sanitation solutions can be selected individually or combined to achieve a higher standard of hygiene protection.
* The Ultra UV device requires the use of either Ultra UV or Ultra UV PRO.

Schindler handrail Ultra UV device

Schindler's handrail Ultra UV device uses germicidal UVC light to irradiate the handrails at a short distance. This directly damages DNA¹⁾ and RNA²⁾, which are the genetic materials of bacteria and viruses, preventing their rapid spread, and also provides a comfortable handrail surface for passengers.

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 device is a practical solution to prevent the rapid spread of bacteria and viruses.

Thanks to the physical disinfection process using UVC

¹⁾ DNA is the abbreviation for deoxyribonucleic acid.

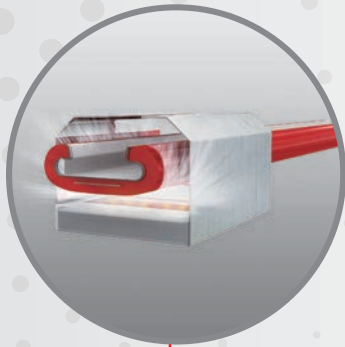
²⁾ RNA is the abbreviation for ribonucleic acid.

Schindler Multiple Handrail Sanitation Solution

Advanced hygiene protection for passengers

3

Ultra UV



Before

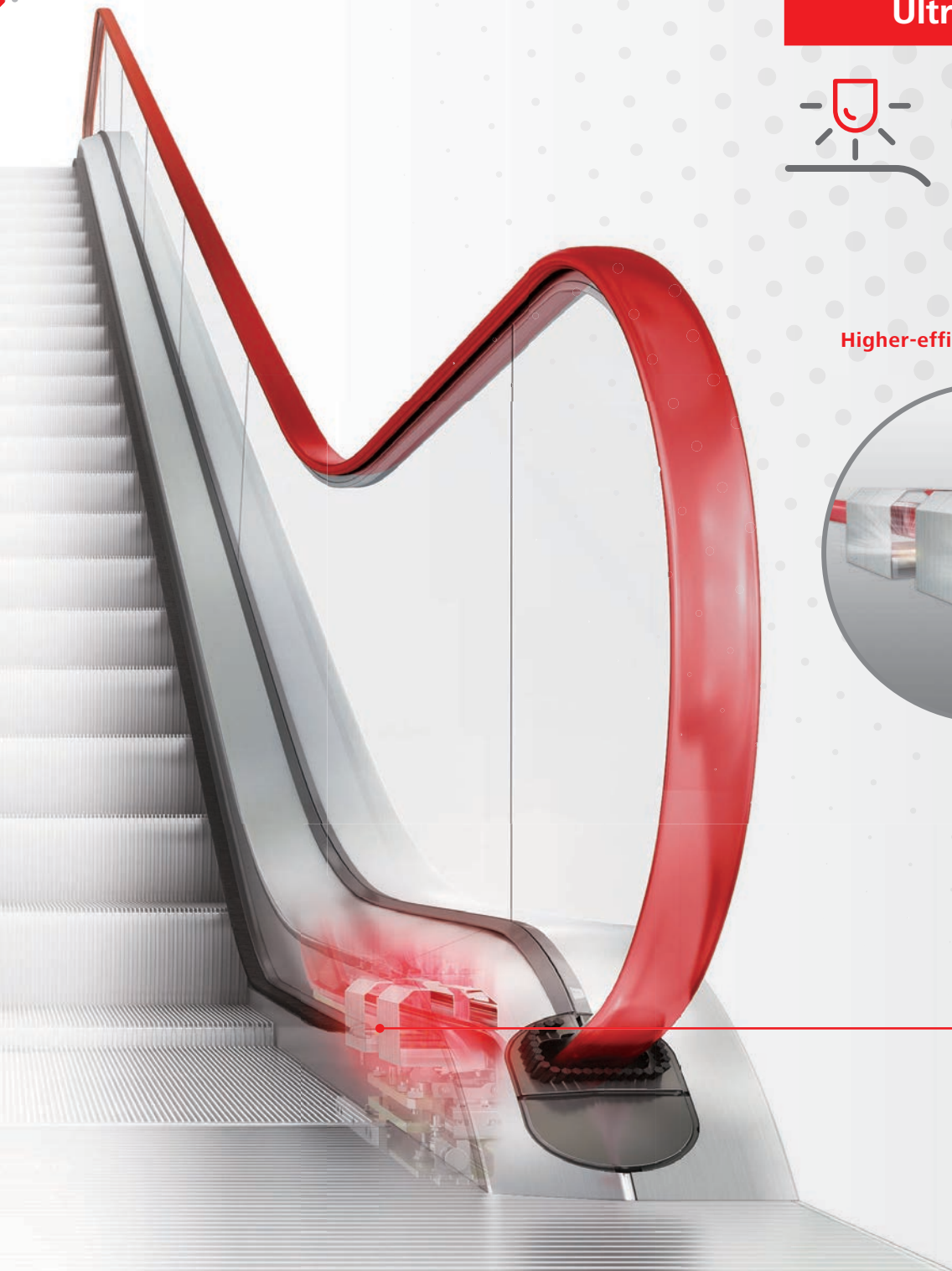


V

UVC light is invisible. The red light in the images of this publication serves as an operation indicator.



After

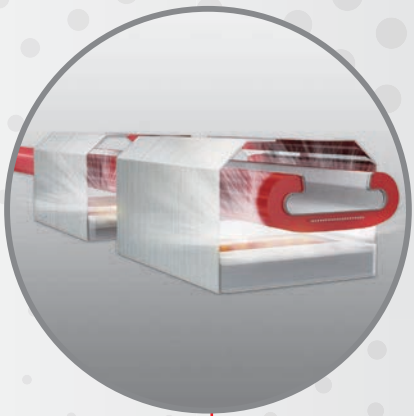


4

Ultra UV PRO






Higher-efficiency disinfection



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Handrail Ultra UV device

Solutions	Schindler Ultra UV device	Traditional UV lamp	Ordinary chemical disinfectants
Installation location	Inside the unit	Outside the unit	-
Disinfection principle	Damage to the genetic material of bacteria and viruses	Damage to the genetic material of bacteria and viruses	Inactivate bacteria and viruses by acting on their proteins
Lighting type	LED	Mercury or halogen lamps, etc.	-
Disinfection effect	Continuous and automatic disinfection of the surface from bacteria, parasites, and viruses	Continuous and automatic disinfection of the surface from bacteria, parasites, and viruses	<ul style="list-style-type: none"> Manual cleaning is not always possible Difficult to guarantee accurate disinfection dosing, affecting the disinfection result Risk of secondary pollution
Benefits for users	 <ul style="list-style-type: none"> Installation inside the unit provides invisible protection for passengers Physical disinfection with no chemical or heavy metal residue Green and energy efficient 	 <ul style="list-style-type: none"> Installation outside the unit causes potential safety risks May have chemical or heavy metal residues Higher energy consumption compared with LED lighting 	 <ul style="list-style-type: none"> Chemicals irritate skin May corrode the surface of handrails

Schindler escalators & moving walks: product application range

S9300AE/S9300				S9500AE/S9500				S9700
10	11/15	20	30	10	15	30/35	40/45	S-5
●	●	●	●	●	●	●	●	●

● Optional

The Schindler handrail Ultra UV device can be added to new installations as an option. Furthermore, it is suitable for jobsite-friendly modernization of existing units.



Schindler Escalators & Moving Walks

Comprehensive safety solutions

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We Elevate

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