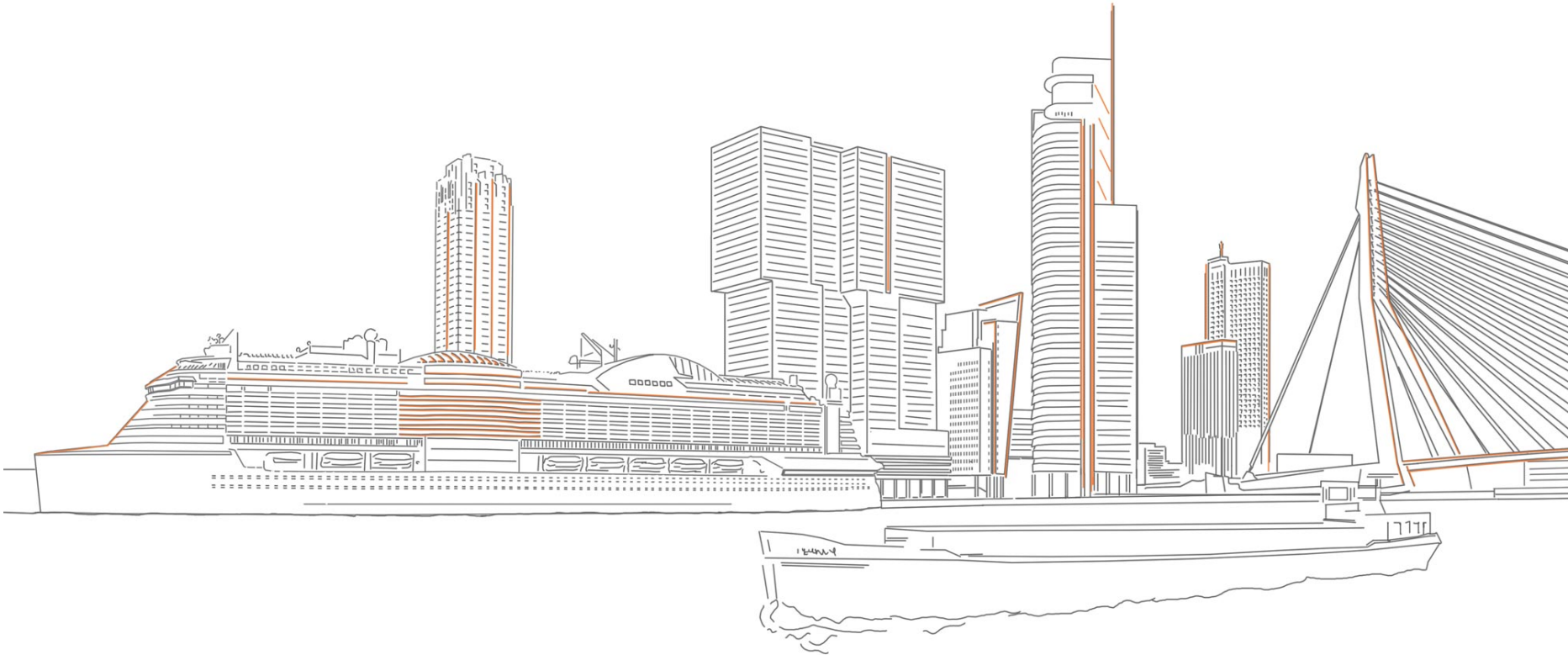




TAILORED TO YOUR NEEDS

liniLED® Handrail





reddot award 2015
winner

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liniLED® Handrail

The stainless steel (AISI 316) liniLED® Handrail is a LED based handrail system that provides functional lighting for a safe environment.

The system can be wall mounted or post mounted. Designed for quick and easy installation and maintenance.



Long lasting, durable (LED) lighting solutions

European high quality and manufacturing.
Dutch and German engineering.



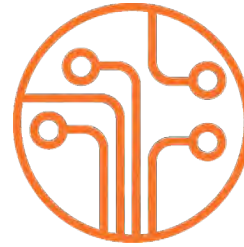
GERMAN
'GRÜNDLICHKEIT'



HIGH
STANDARDS



100%
COMMITTED



LATEST
TECHNOLOGIES



STRICT
REGULATIONS



EUROPEAN
PRODUCTS

Unique!

USP

Vandalism proof

The liniLED® Handrail is made of high grade AISI 316 stainless steel and rated IK10*. Thanks to its high robustness the handrail is suitable for harsh environments.

Ideal for airports, train & metro stations, theatres, hospitals, etc.



* IK10 Protected against impact energy of 20 joules.

USP

Protective cover(s) included

The liniLED® Handrail comes standard with a liniLED® Top LED strip and protective cover. Covers available in clear and frosted for a dotted, frosted or diffuse light effect.



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Unique!

USP

Continuous light line

Thanks to the special design, the LED strip goes underneath the brackets.
Result: a beautiful continuous LED light line without shadows or interruptions!

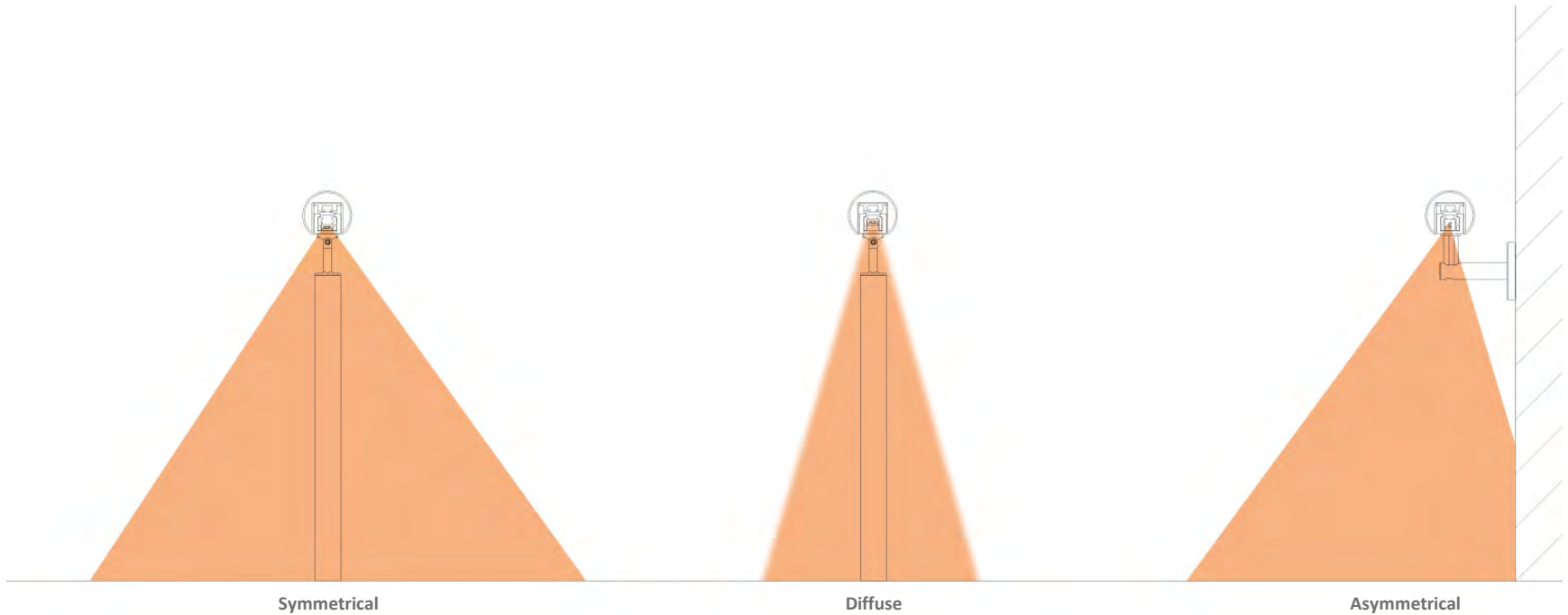


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The desired light output to fit your project

Choose between a symmetrical, asymmetrical* or diffuse** light output!



* **Asymmetrical**

Combination of liniLED® Handrail 48.3 mm with a liniLED® Side LED strip.

** **Diffuse**

Combination of liniLED® Handrail 48.3 mm, liniLED® Top High Power LED strip and frosted cover.

USP

Long life-time: 50,000 - 60,000 hours

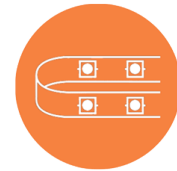
High quality guaranteed (L70/B50).
At the end of its life still 70% of the original lumen output.



Light bulb
5-6 months



CFL
3 years



LED strip
15 years*

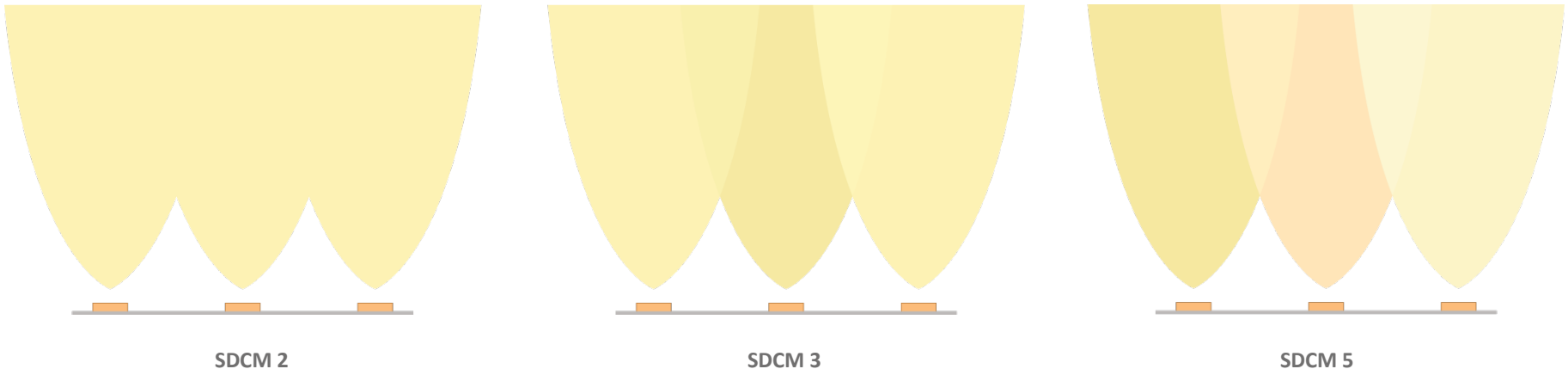


* Based on 3,500 hours per year

No colour difference visible to the human eye

Single bin +/- 50k and MacAdam 1.8.

Very consistent light colour of the LED strip to create a high quality effect.



- SDCM 1 Colour difference invisible
- ✓ SDCM 2 **Colour difference invisible to the human eye**
- SDCM 3 Slight colour difference visible
- SDCM 4 Colour difference visible
- SDCM 5 Significant colour difference visible

USP

Range of 4 light levels available (26 - 1023 lm/m)

Always a suitable LED strip to create the lighting atmosphere you like.

| Power rating | Light output | Beam angle | Power | Light output | Beam angle | Power | Light output | Beam angle | Power | Light output | Beam angle |
|--------------|--------------|------------|---------------|---------------|------------|---------------|----------------|------------|----------------|-----------------|------------|
| | | | 4.1 - 8.3 W/m | 61 - 426 lm/m | 110° | 8.3 - 8.9 W/m | 617 - 711 lm/m | 110° | 8.1 - 10.6 W/m | 811 - 1023 lm/m | 110° |
| | | | 9 - 104 lm/W | 9 - 104 lm/W | 110° | 70 - 83 lm/W | 70 - 83 lm/W | 110° | 77 - 124 lm/W | 77 - 124 lm/W | 110° |
| | | | 20 cm | 10 - 20 cm | 110° | 5 cm | 10 m | 110° | 10.5 W/m | 838 lm/m | 110° |
| | | | 20 m | 10 m | 110° | 10 m | 10 m | 110° | 80 lm/m | | 110° |
| | | | 50 m | 50 m | 110° | 10 m | 10 m | 110° | | | 110° |

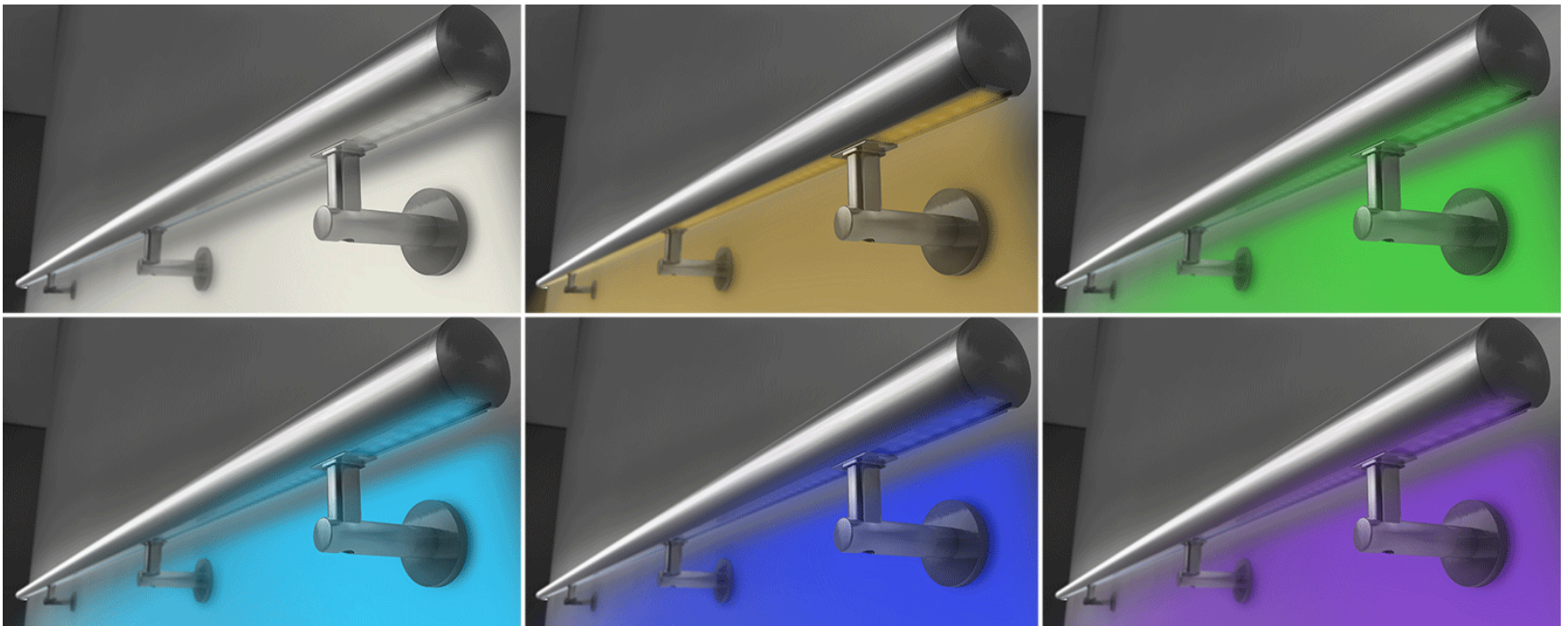
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USP

Wide colour range

There's always a suitable colour available!

Choose from the colours white, red, green, blue and amber or set the (white) colour to your liking with RGB or Tunable White.



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USP

Indoor and outdoor

Suitable for indoor (IP40) and outdoor solutions (up to IP65).



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UV, cleaning agent, frost resistant

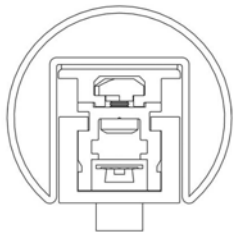
The liniLED® Handrail is suitable for nearly every environment.



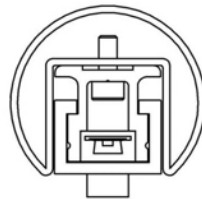
USP

Available in four models

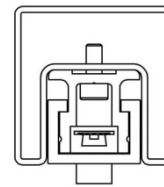
Round $\varnothing 42.4$ mm, Round $\varnothing 48.3$ mm, Square 40x40 mm and Rectangular 60x40 mm.
Always a liniLED® Handrail to fit your project!



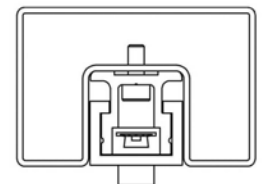
Round $\varnothing 48.3$ mm



Round $\varnothing 42.4$ mm



Square 40x40 mm



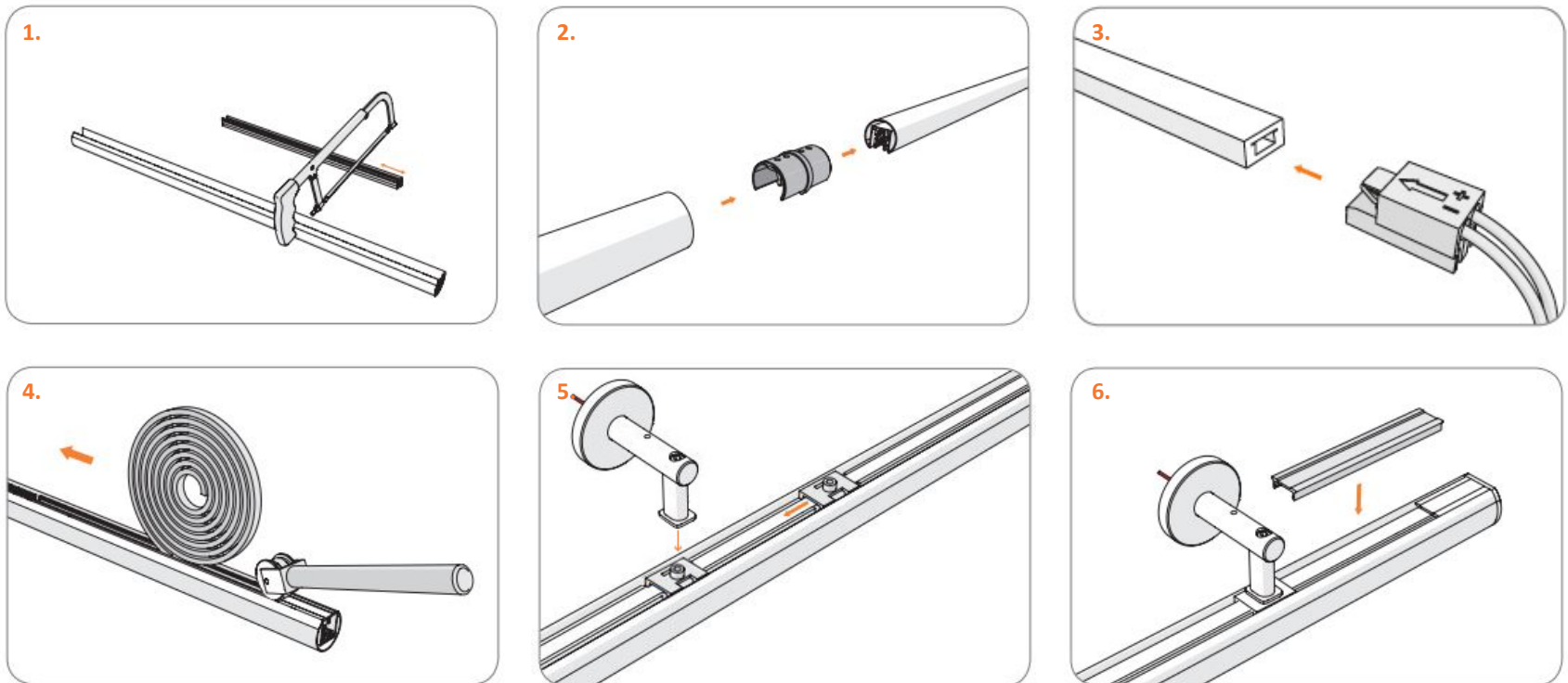
Rectangular 60x40 mm

liniLED®

Hassle free

Designed for quick and easy installation. In addition, we can make life even easier by (partly) pre-assembling the handrail(s) for you on request.

This can save you a lot of time and costs!

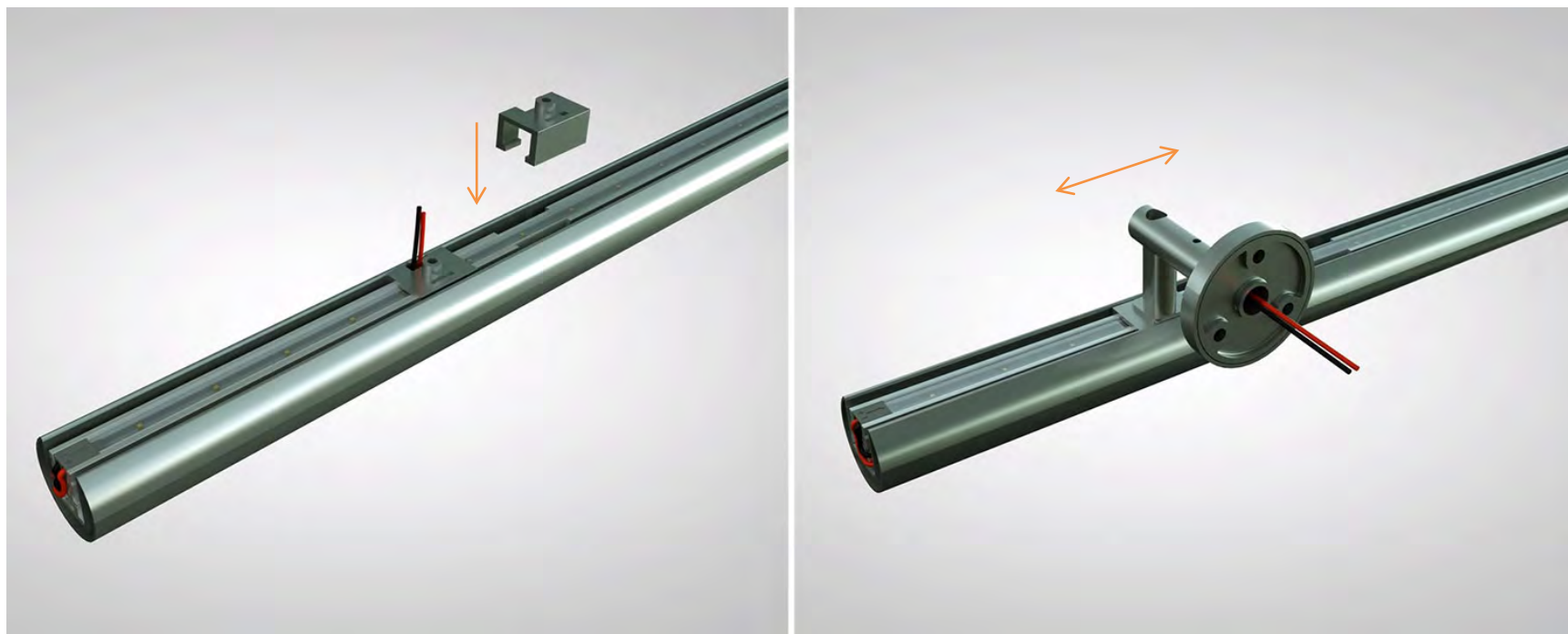


Unique!

USP

Flexible installation on site

Thanks to the slidable wall brackets and post mounts, you can slide the bracket to the most practical position during installation. This saves a lot of installation time, hassle and allows you to configure the handrail on site. No welding needed.



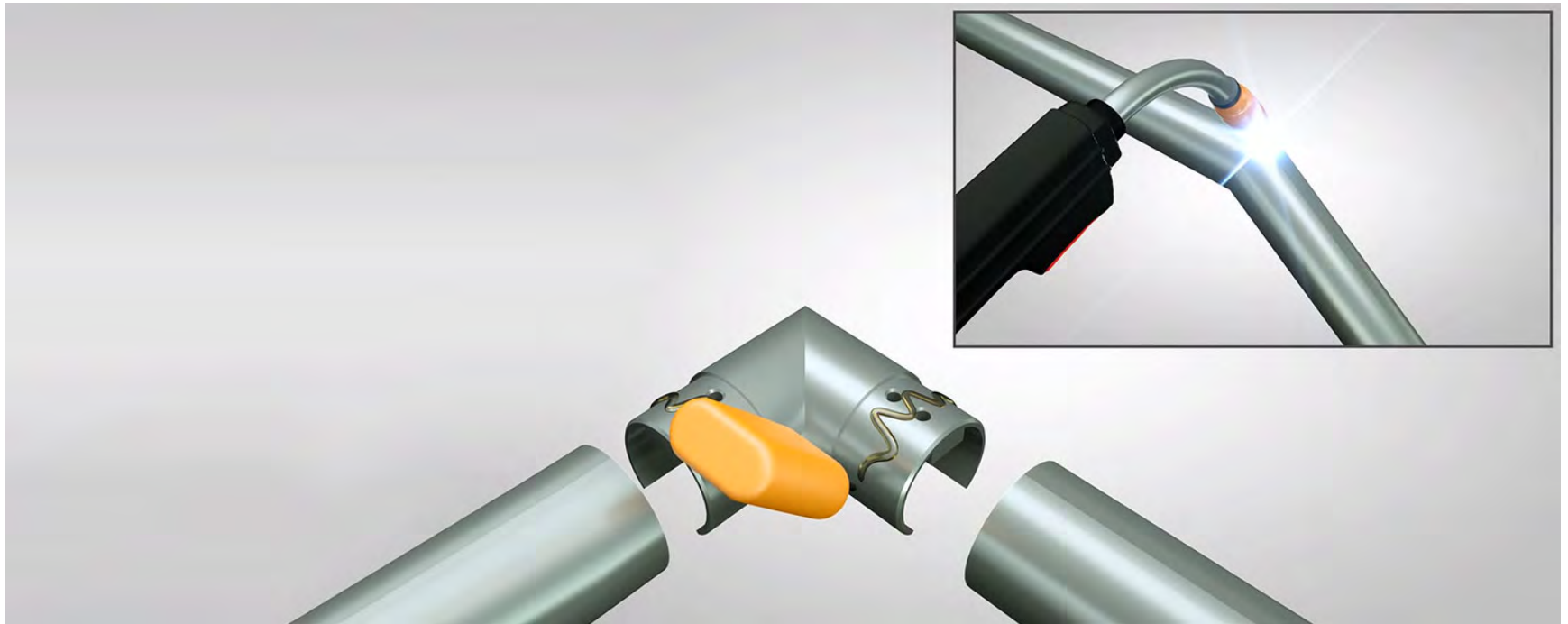
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USP

Assembly made easy

No need to transport long lengths; parts can be glued or welded on site.
Easy transportation = less costs.



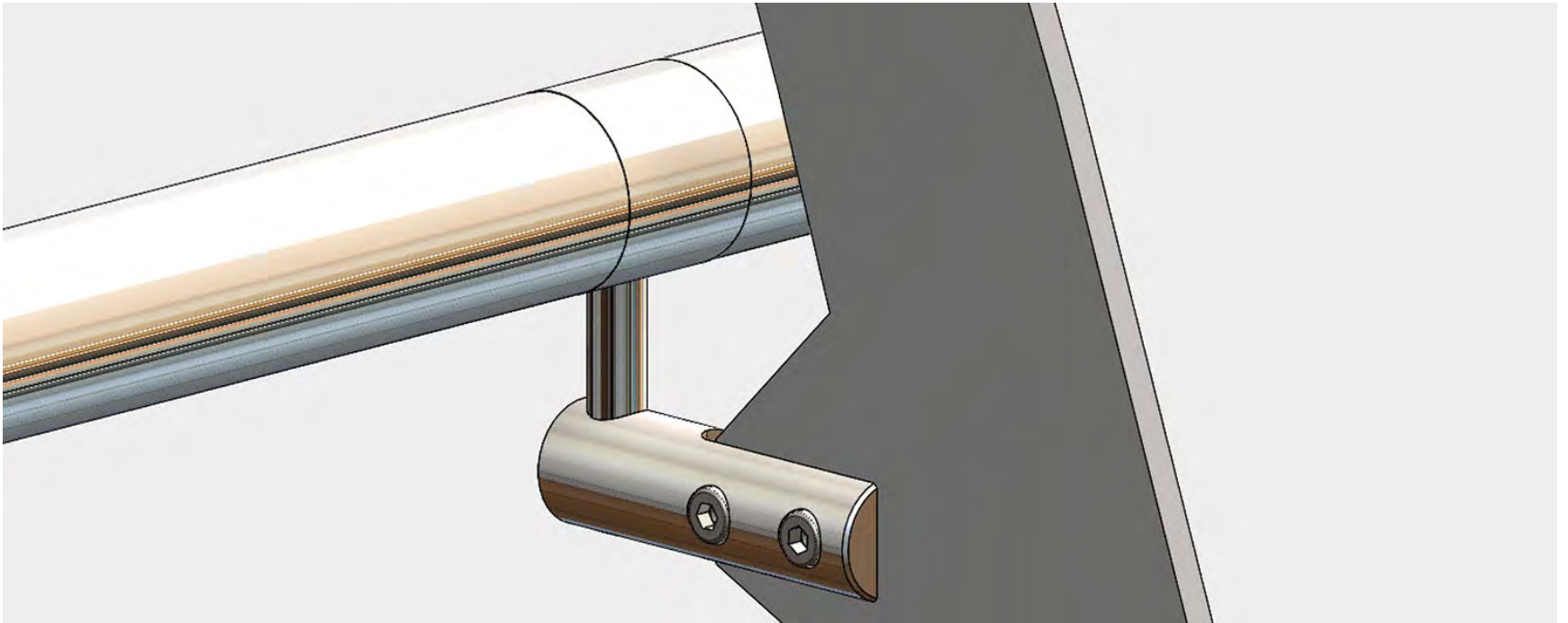
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USP

Tailored to your needs

Whether you need a 52° angle, special wall bracket or handrail with glass clamps for a glass infill: there's always a solution to fit your project!



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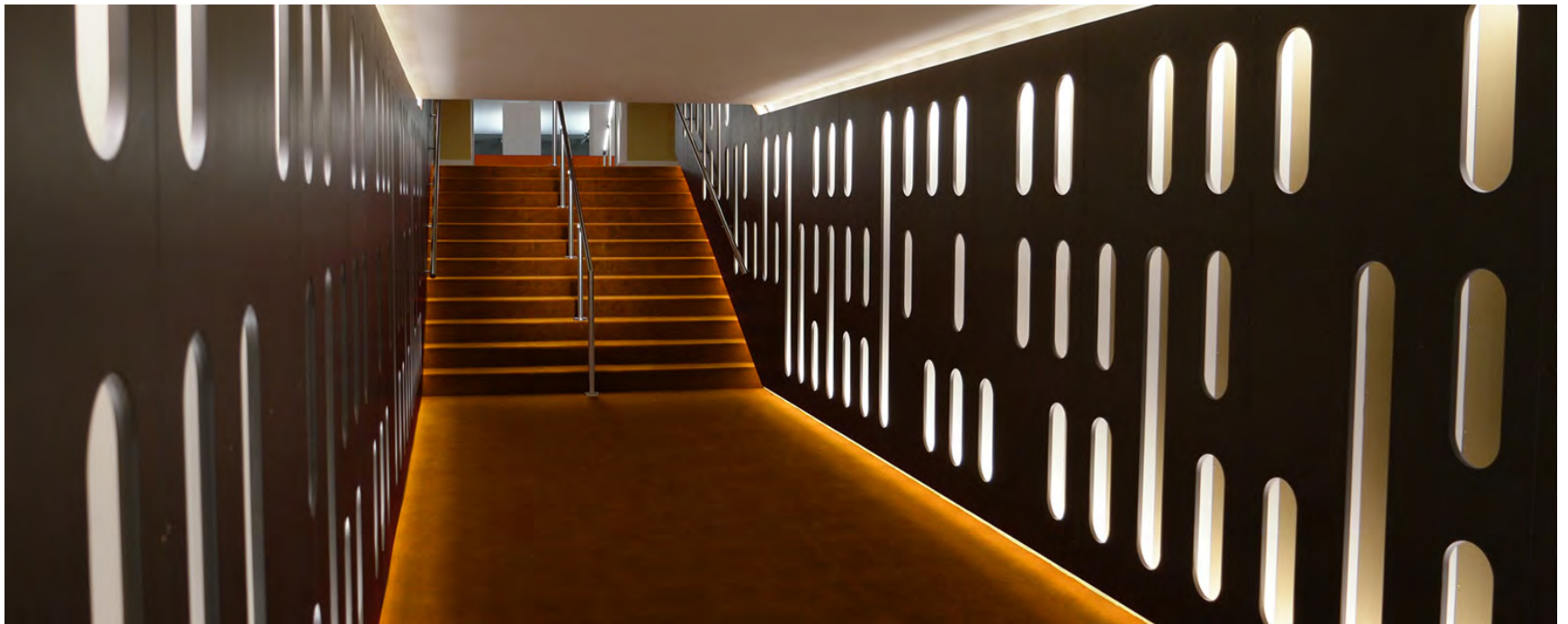
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USP

Create different atmospheres

Complement the liniLED® Handrail with our control range for powerful and dimmable solutions! Ideal for theatres, concert halls, stadiums, etc. Maximum light output while people are entering, dimmed during the show. Suitable for building management systems (BMS).

Learn more about our control range (DALI, DMX, CASAMBI, etc.) in the liniLED® Control brochure.



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USP

Awarded design

Winner Red Dot Product Design Award 2015.



reddot award 2015
winner

Why liniLED® Handrail

Continuous
light line

Desired light output to
fit your project

No colour difference
visible

Hassle
free

Flexible installation
on site

Tailored
to your needs



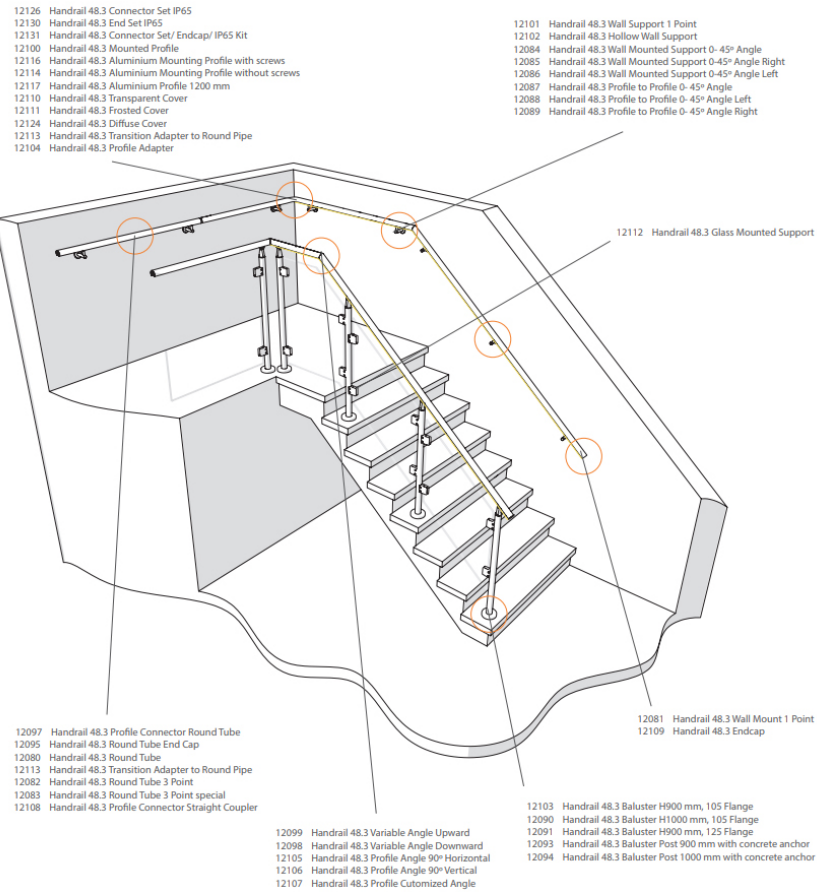
reddot award 2015
winner

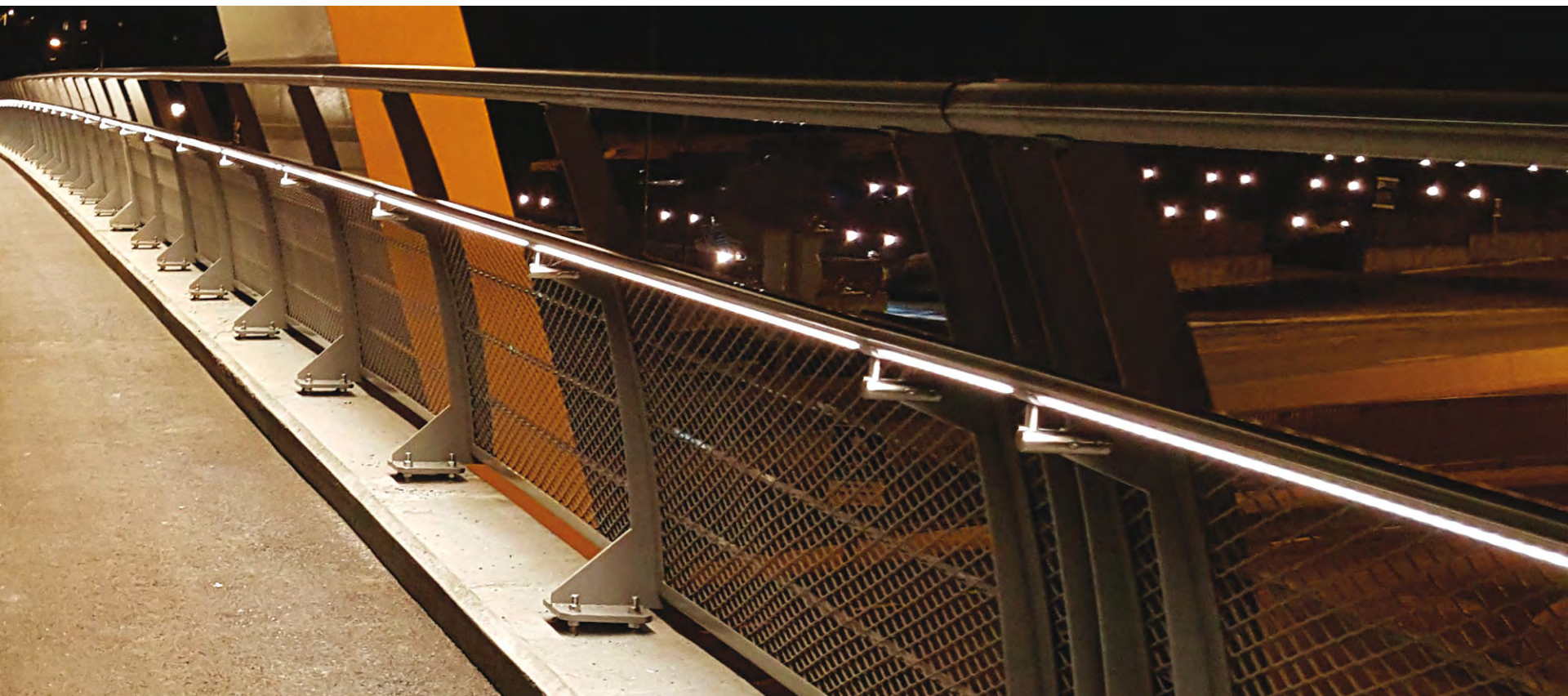


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We provide systems





Bybanen i Bergen, Svein-Arvid Oppedal, Norway

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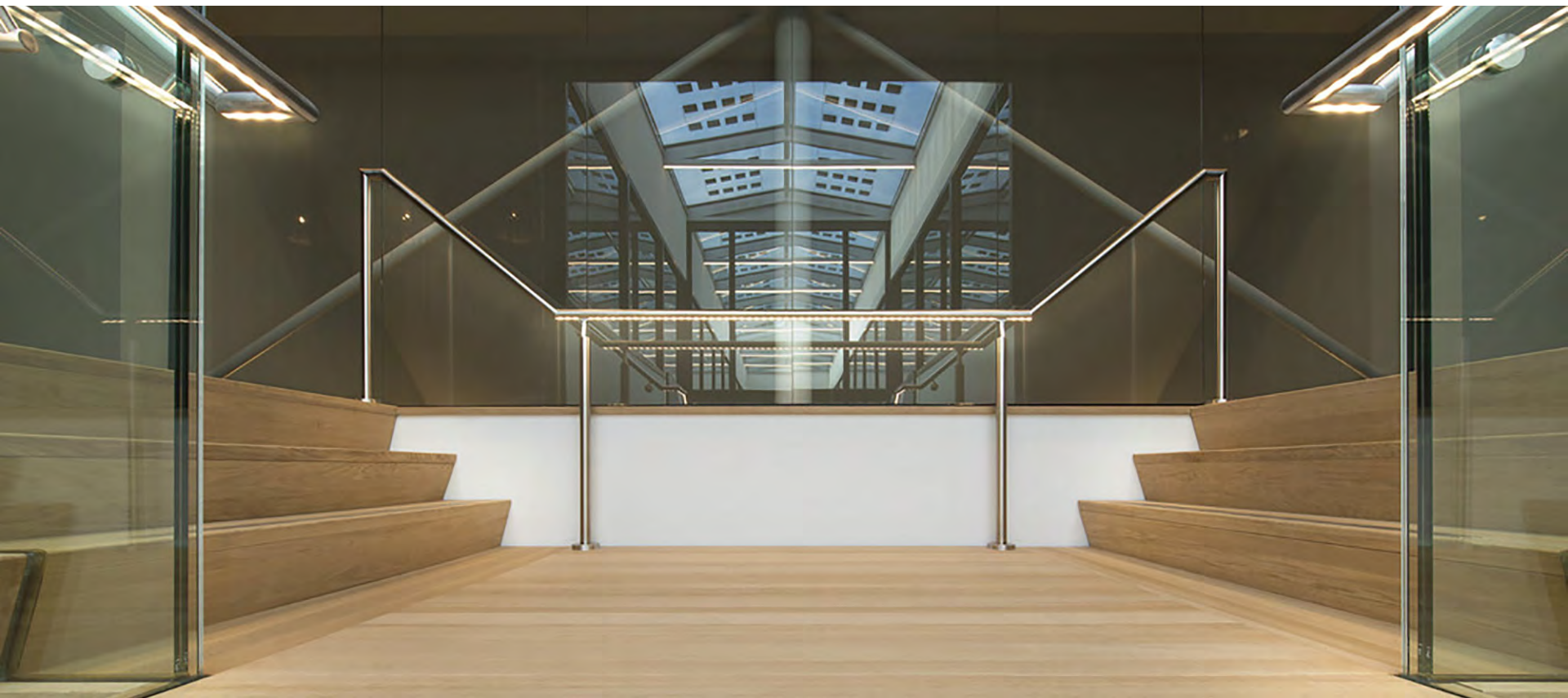
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Concert hall De Vereeniging, The Netherlands

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Town hall Wijchen, The Netherlands

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Hilton hotel Amsterdam Schiphol Airport, The Netherlands

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Private residence, Dubai (UAE)

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Restaurant Bielefeld, Germany

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Hilton hotel Amsterdam Schiphol Airport, The Netherlands

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Train station Brussels-North, Belgium

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