

RailLight

Stunning Handrail Lighting.
Simplified



RailLight

Designed to improve visual acuity whilst simultaneously reducing light pollution, the Raillight range enables you to easily add light to any existing handrail.

Featuring a choice of beam spreads ranging from 14° to 94°, Raillight has been engineered to provide unparalleled flexibility in beam spread and orientation.

Vandal resistant to >IK10, the Raillight range provides industry leading levels of performance and economy. Raillight's innovative heat dissipation technology ensures optimum performance and minimum maintenance throughout the lifetime of the installation.



MODULES

Raillight Eco

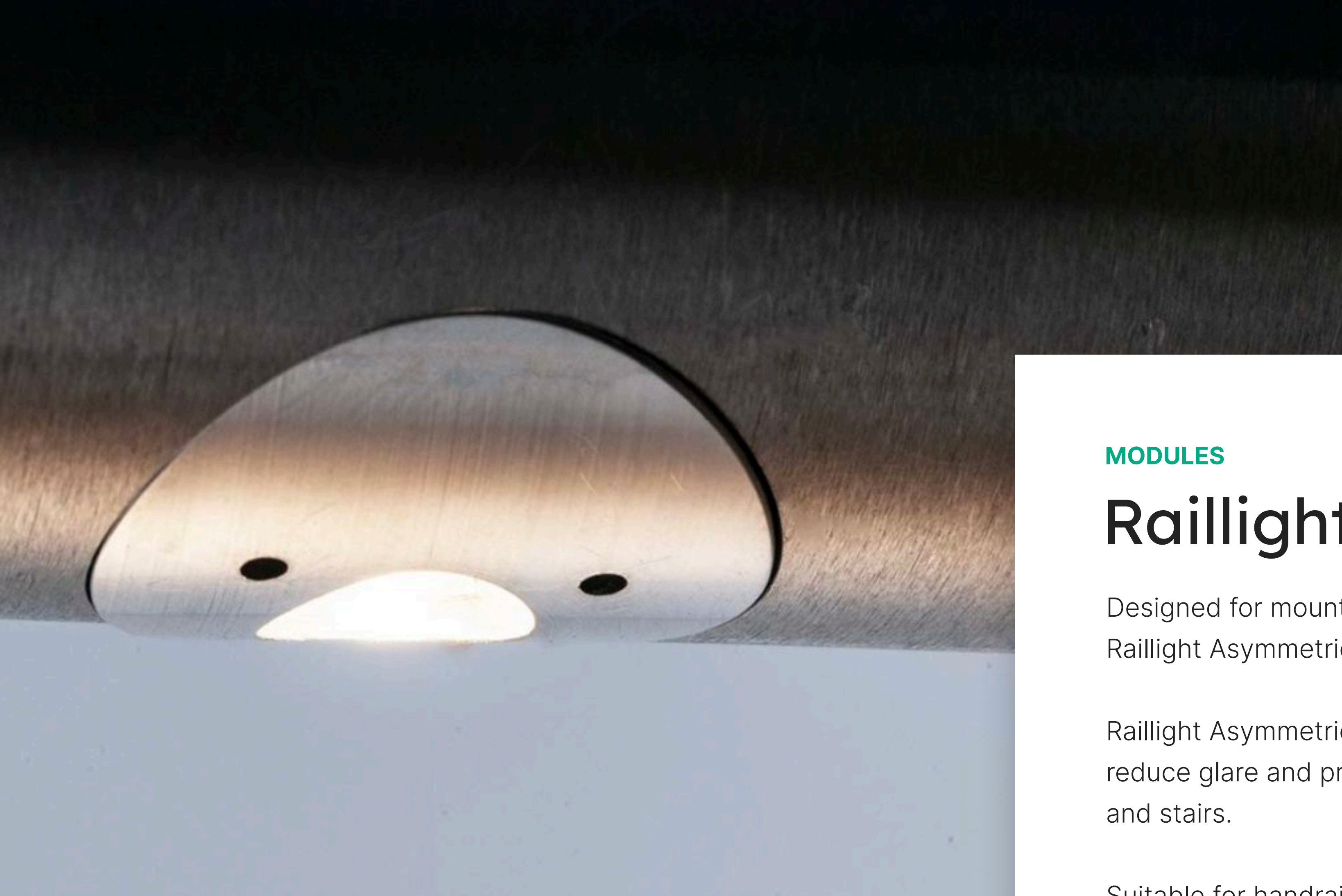
A compact, high-performance fixture that offers the widest choice of lens options.

Raillight ECO can be configured to offer beam spreads from 14-94° to ensure compliance in both beam spread and distribution. Optimum lens spacing allows for reduced hot spots, less pictures and minimum energy consumption and running costs.

Raillight ECO is simply screwed into a pre-tapped hole within the hand-rail. This ensures a positive mechanical fit and as a result an impressive resistance to vandal attack.

Waterproof to IP67, Raillight ECO is machined in 316 stainless steel and is available in alternative materials upon request.





MODULES

Raillight Asymmetric

Designed for mounting into the underside of metal handrails, Raillight Asymmetric throws light asymmetrically across a surface.

Raillight Asymmetric's narrow aperture and recessed LED greatly reduce glare and produce an even illumination perfect for walkways and stairs.

Suitable for handrails greater than 40mm in diameter, Raillight Asymmetric features IP67 ingress protection is available in stainless steel, aluminium, brass, copper, bronze and plated mild steel.

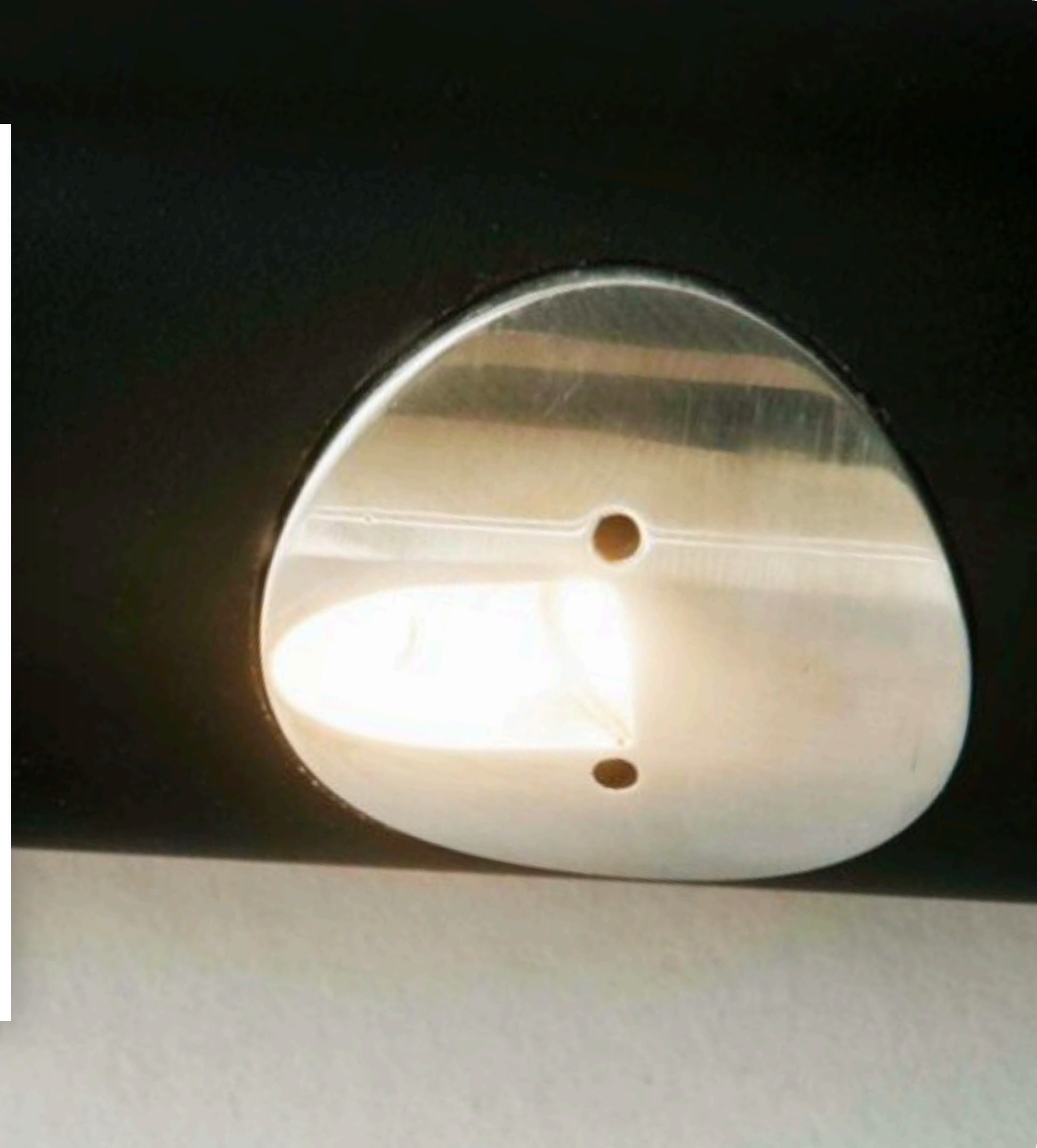
MODULES

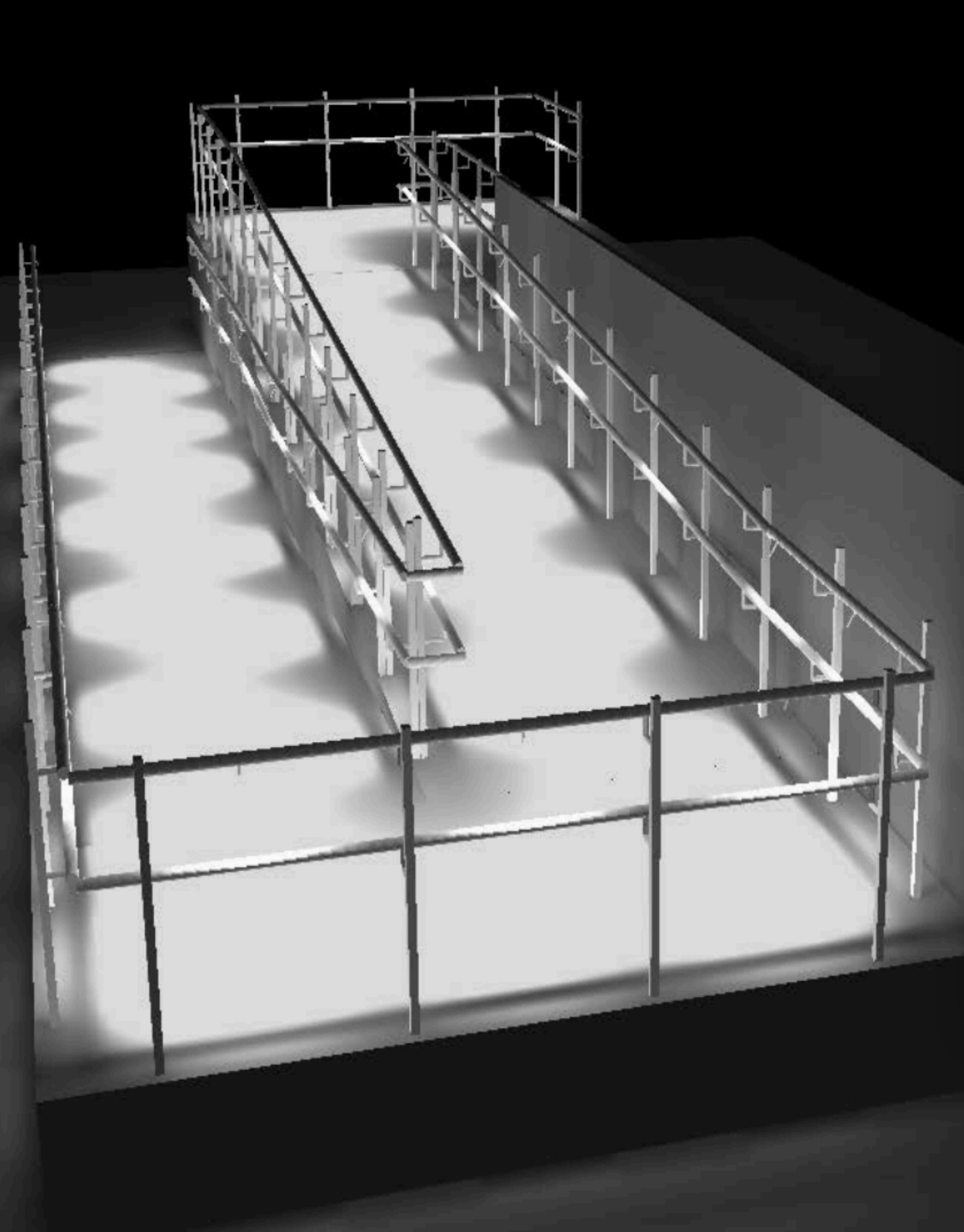
RailLight 2D Asymmetric

Raillight 2D Asymmetric's two dimensional projector provides the ultimate in projection versatility and performance.

By projecting light axially and longitudinally onto the target surface, Raillight 2D's PRO S projector is able produce the exact amount of light, precisely where needed.

Projector position and co-ordinates are calculated using software modelling of the project. This sophisticated design approach allows for an increase in the distance between installation points enabling greater energy efficiency and cost reductions in product and installation time.





YOUR COMPLETE RETROFIT SOLUTION

Survey, Scheme Design and Visualisation

As part of the Raillight complete retrofit solution, our in house engineers are able to offer site surveys, scheme designs and visualisations.

Comprehensive, in-depth surveys are first carried out to establish the exact dimensions required.

Computer simulations are used to achieve your project requirements with the most suitable unit placements, determine unit mounting positions and visualise your scheme.

YOUR COMPLETE RETROFIT SOLUTION

Installation and Tool Hire

Available for purchase or rent, our drill and tap jig is designed for reliable, dependable operation. Simply clamp in position, drill and tap.

Installation can be carried out independently or by our HERS approved subcontractors and is supported by our full online, telephone and onsite support.



Product Specification

FEATURES

Complete retrofit solution

Interior and external applications

Exactly the right amount of light, exactly where needed

INGRESS PROTECTION

Water resistant to IP67

L80 LIFETIME PREDICTION

>50,000 Hours

IMPACT RESISTANCE

Vandal resistance >IK10

BODY MATERIAL

Standard - 316 Stainless Steel

Options - Aluminium, mild steel, brass, copper, bronze

BEAM ANGLE

Raillight Eco: Stock: 70°
Options: 14-94°

Raillight Asymmetric: Stock: 40°
Options: 14-40°

Raillight 2D Asymmetric:
Stock: 16°
Options: 14-40°

STOCK COLOUR TEMPERATURES

3000K Warm White

4000K Cool White

COLOUR TEMPERATURE OPTIONS

CRI 80: 2500K/2700K/3500K/4500K/5000K

CRI 90: 2700K-4000K

CRI 70: 3000K-6500K + Streetwhite
5700K-7500K

Monochrome: Red, Green, Blue, Yellow, Amber



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