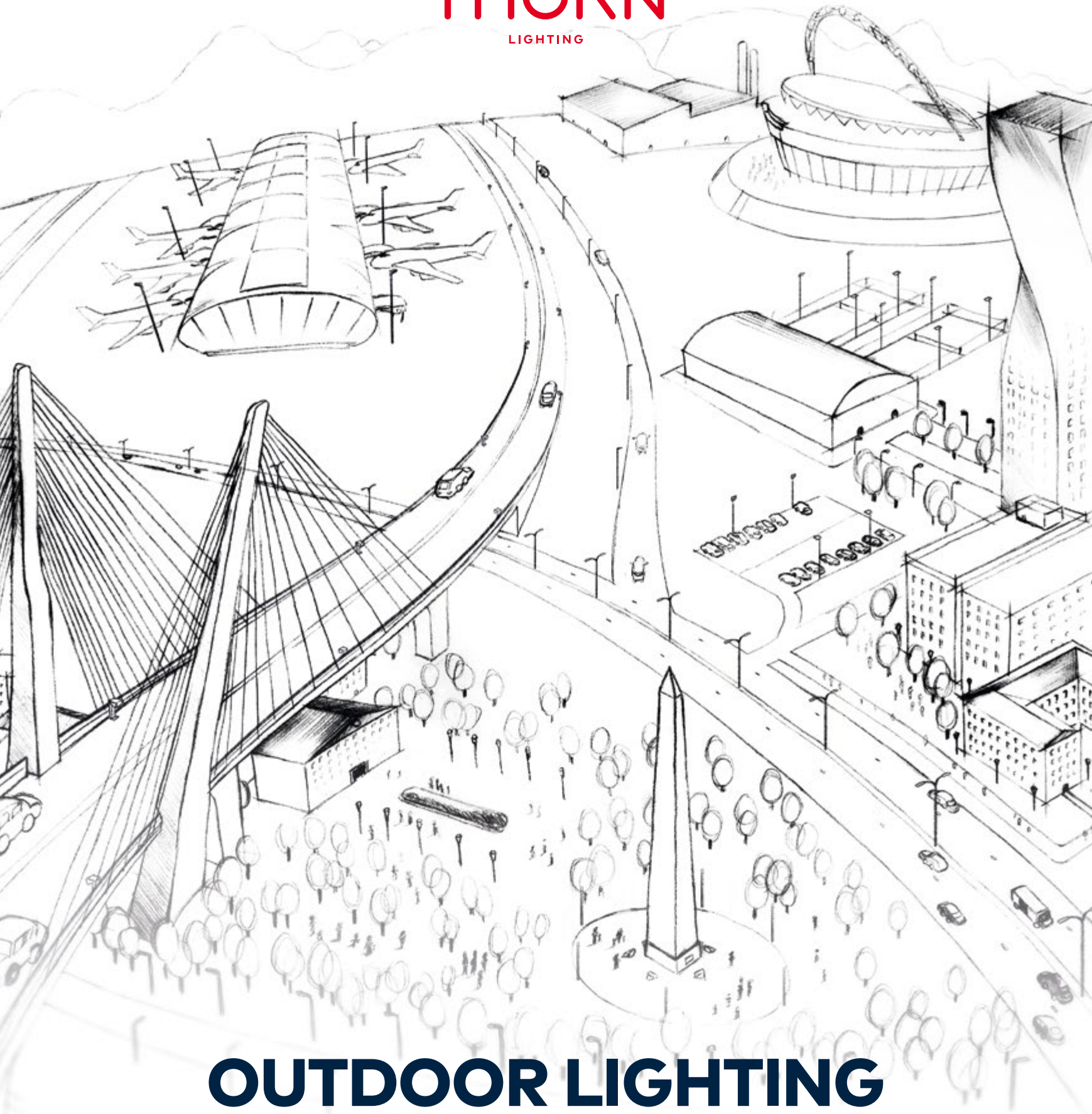


THORN

LIGHTING



OUTDOOR LIGHTING

INSPIRATION

member of zumtobel group

**WE
MAKE
LIGHT
WORK
FOR YOU**

OUTDOOR LIGHTING INSPIRATION

OUTDOOR
LIGHTING
INSPIRATION
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OUTDOOR LIGHTING INSPIRATION

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LIGHT FOR PEOPLE

**THORN LIGHTING
GIVES DRIVERS,
CYCLISTS AND
PEDESTRIANS A SENSE
OF SAFETY AND
CONFIDENCE TO
EXPLORE THE CITY
AFTER DARK**



PRODUCT: DYANA LED
LAKEFRONT IN LOVERE, ITALY



OUTDOOR LIGHTING INSPIRATION



7

LIGHT FOR PLACES

**WE CREATE LIGHT
THAT COMPLEMENTS
AND ENHANCES
URBAN ARCHITECTURE,
AND GIVES IDENTITY
TO OUTDOOR SPACES**



HOW WE SEE LIGHT

PRODUCT: ALTIS LED
HENDON BRIDGE, NEW ZEALAND



OUTDOOR LIGHTING INSPIRATION



LIGHT FOR THE ENVIRONMENT

**THORN CREATES LIGHTING
THAT PROTECTS NATURE
AND RESPECTS
THE DARKNESS OF
THE NIGHT SKY**

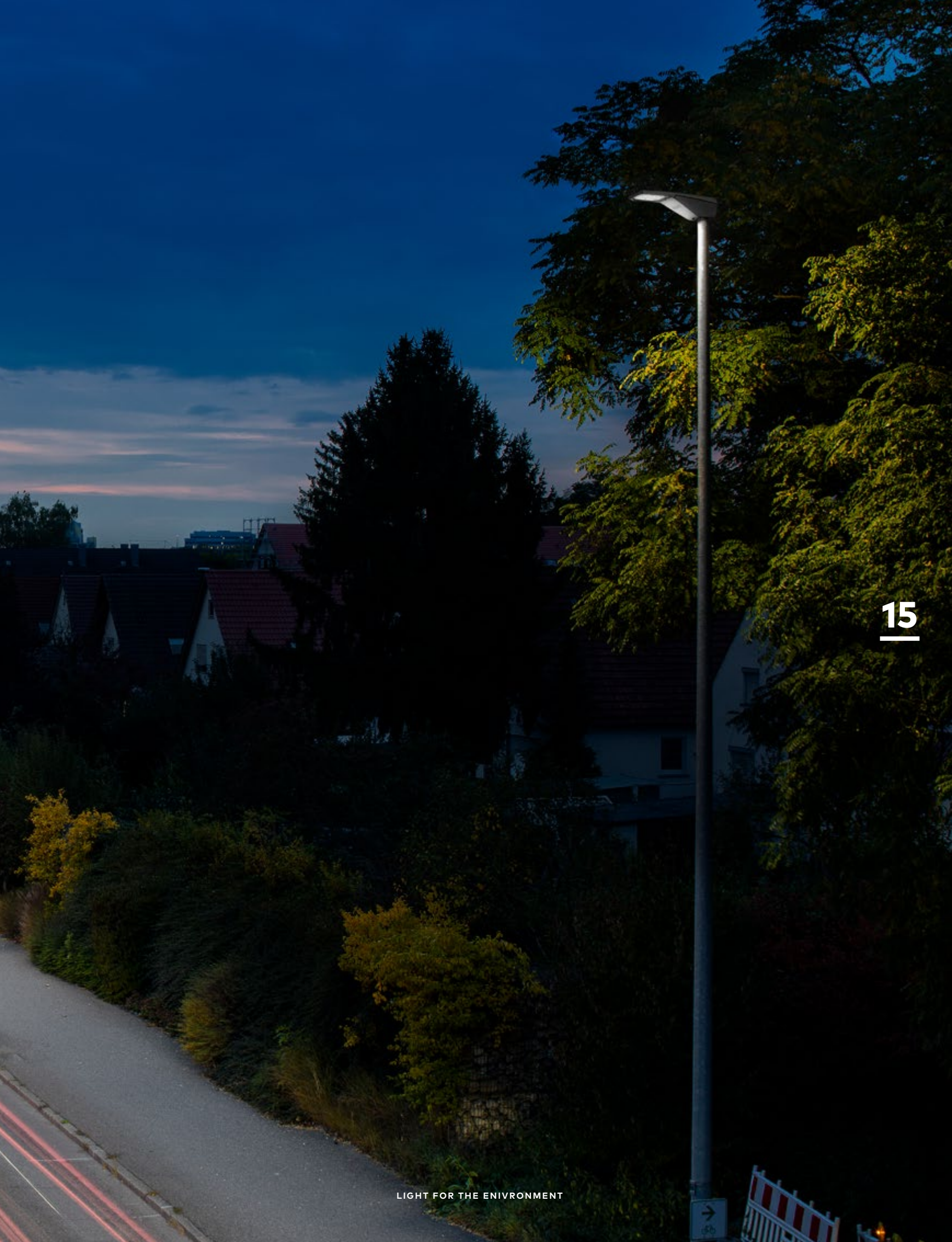


HOW WE SEE LIGHT

PRODUCT: R2L2
CITY OF GÖPPINGEN, GERMANY



OUTDOOR LIGHTING INSPIRATION



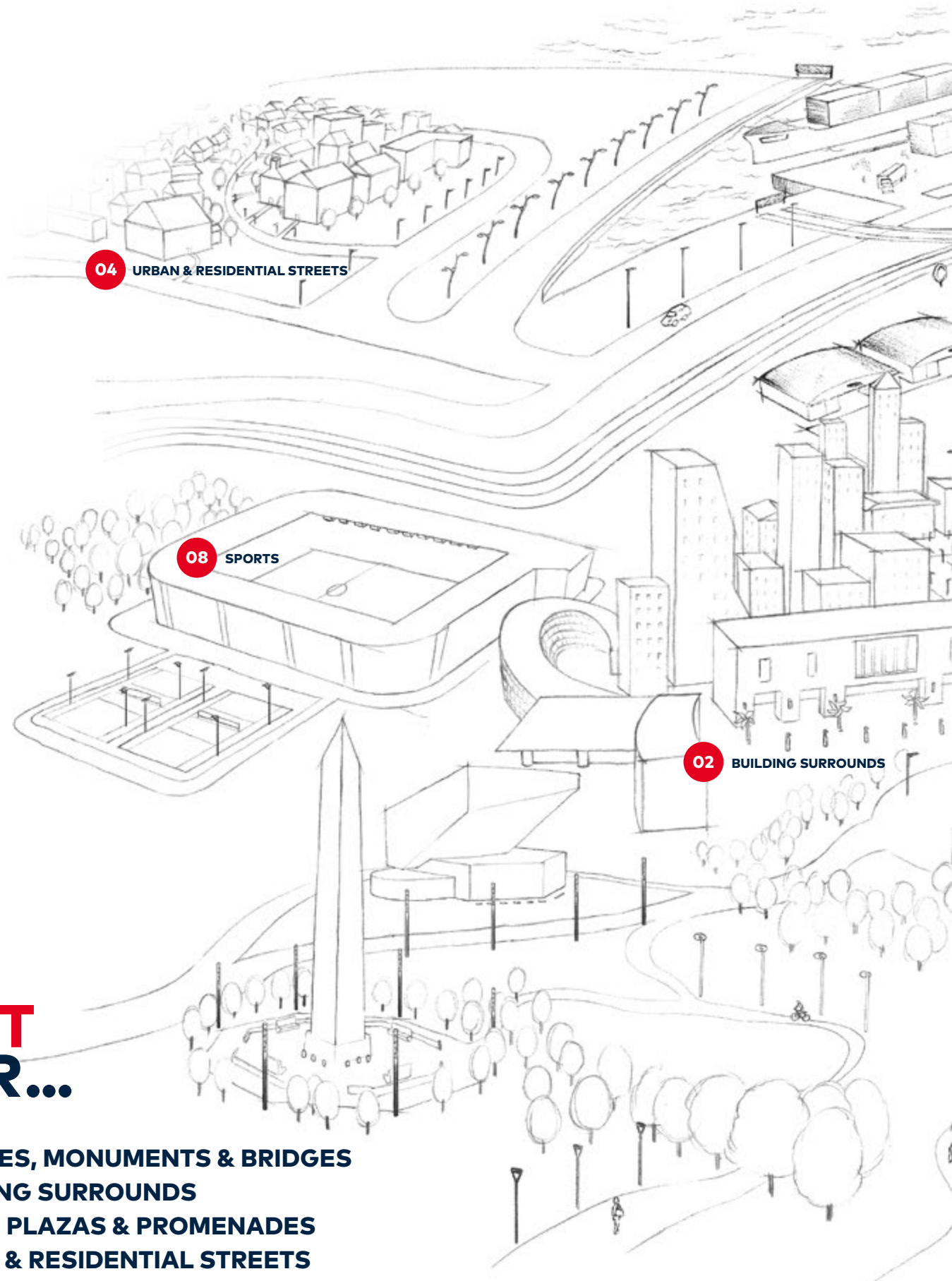
15

APPLIC INFO

**WHATEVER ELEMENT OF THE OUTDOOR ENVIRONMENT YOU NEED TO LIGHT,
THORN HAS THE RIGHT SOLUTION FOR YOUR CHALLENGE.**

ATIONS OCUS

**THE COMBINATION OF TECHNOLOGY, INNOVATION AND GREAT DESIGN
BRINGS COMFORT, SAFETY AND PERFORMANCE TO ANY APPLICATION.**



LIGHT FOR...

- 01** FACADES, MONUMENTS & BRIDGES
- 02** BUILDING SURROUNDS
- 03** PARKS, PLAZAS & PROMENADES
- 04** URBAN & RESIDENTIAL STREETS
- 05** ROAD
- 06** TRANSPORTATION
- 07** TUNNEL
- 08** SPORTS



SCAN TO
LEARN MORE

06 TRANSPORTATION

01 FACADES, MONUMENTS & BRIDGES

07 TUNNEL

05 ROAD

03 PARKS, PLAZAS & PROMENADES

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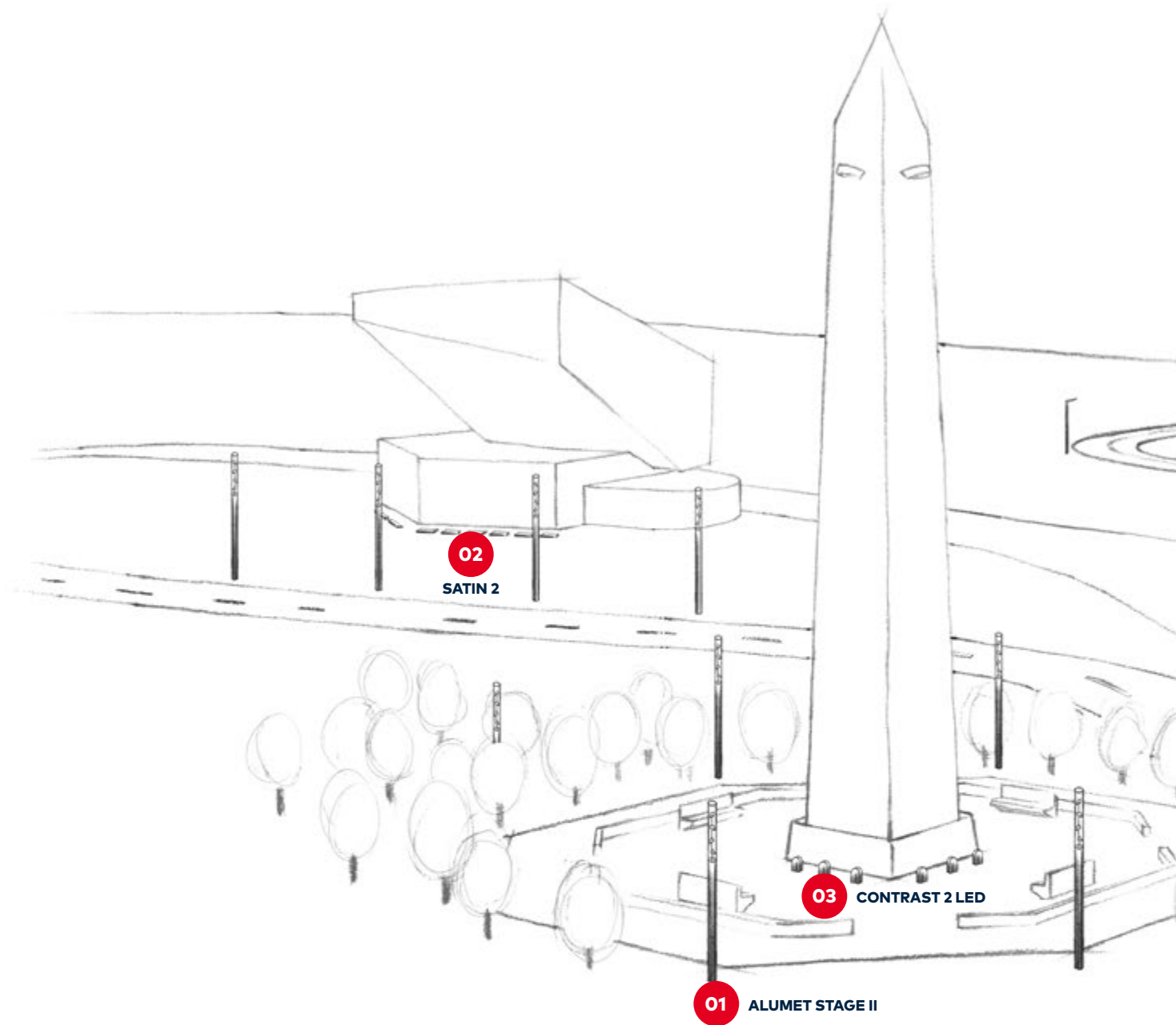
RIGHTS.

PROVIDE

CTIONS.



OUTSTANDING LIGHTING SOLUTIONS

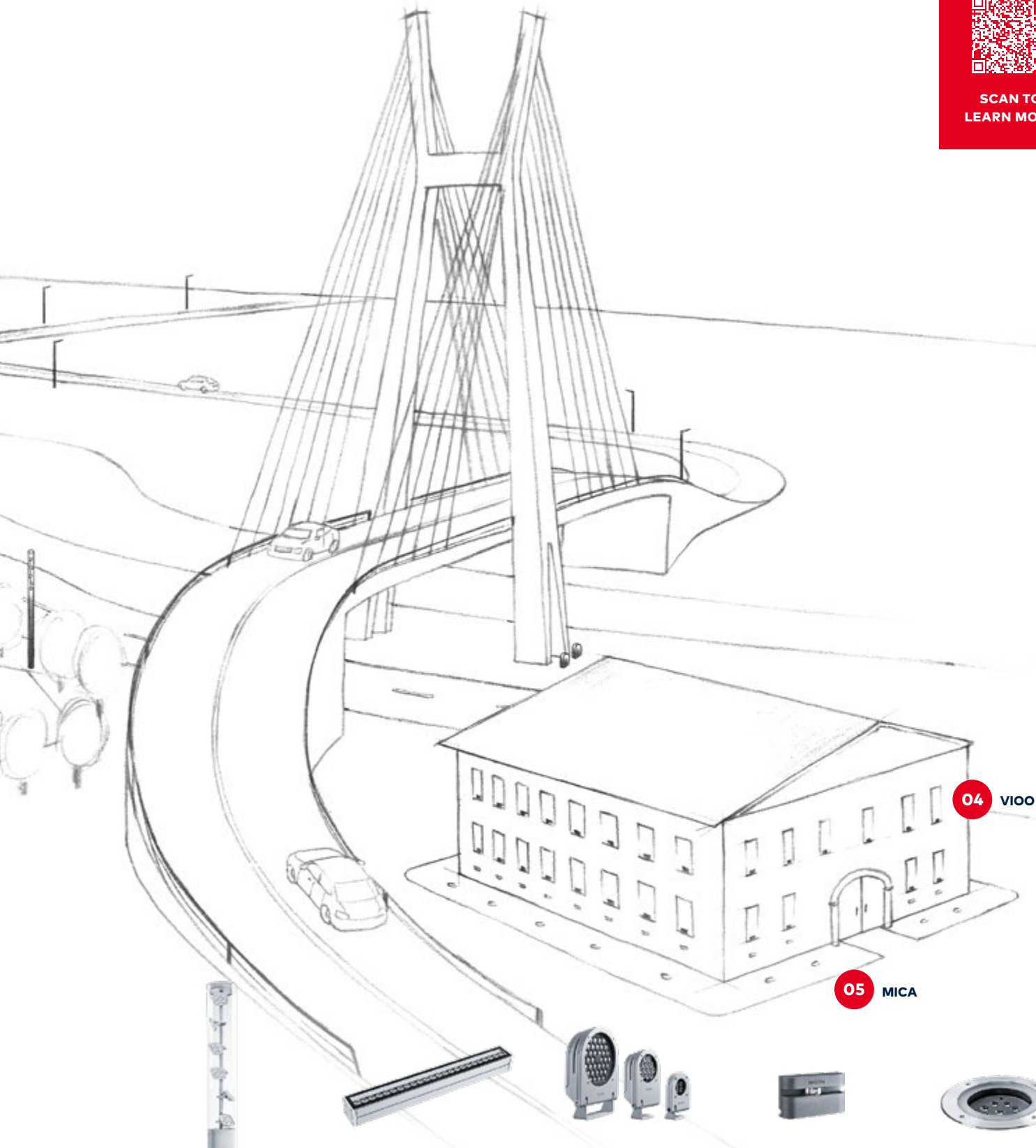


FOR FACADES MONUMENTS & BRIDGES

Great outdoor illumination that turns the city into a stage at night, setting the scene for memorable experiences.



SCAN TO
LEARN MORE



01 ALUMET STAGE II

Multiple adjustable light modules allow this innovative column to light a number of surfaces. One luminaire – countless possibilities.

02 SATIN 2

A discreet linear luminaire range offering huge flexibility, from wall washing to grazing, and with choice of static and dynamic illumination options.

03 CONTRAST 2 LED

Powerful yet compact architectural luminaire.

04 VIOO

Designed specifically to frame windows.

05 MICA

In-ground luminaire for drive-over illumination applications, compliant with limited surface temperatures.

PRODUCT: CONTRAST 2 LED
ARCO DELLA PACE, MILAN, ITALY

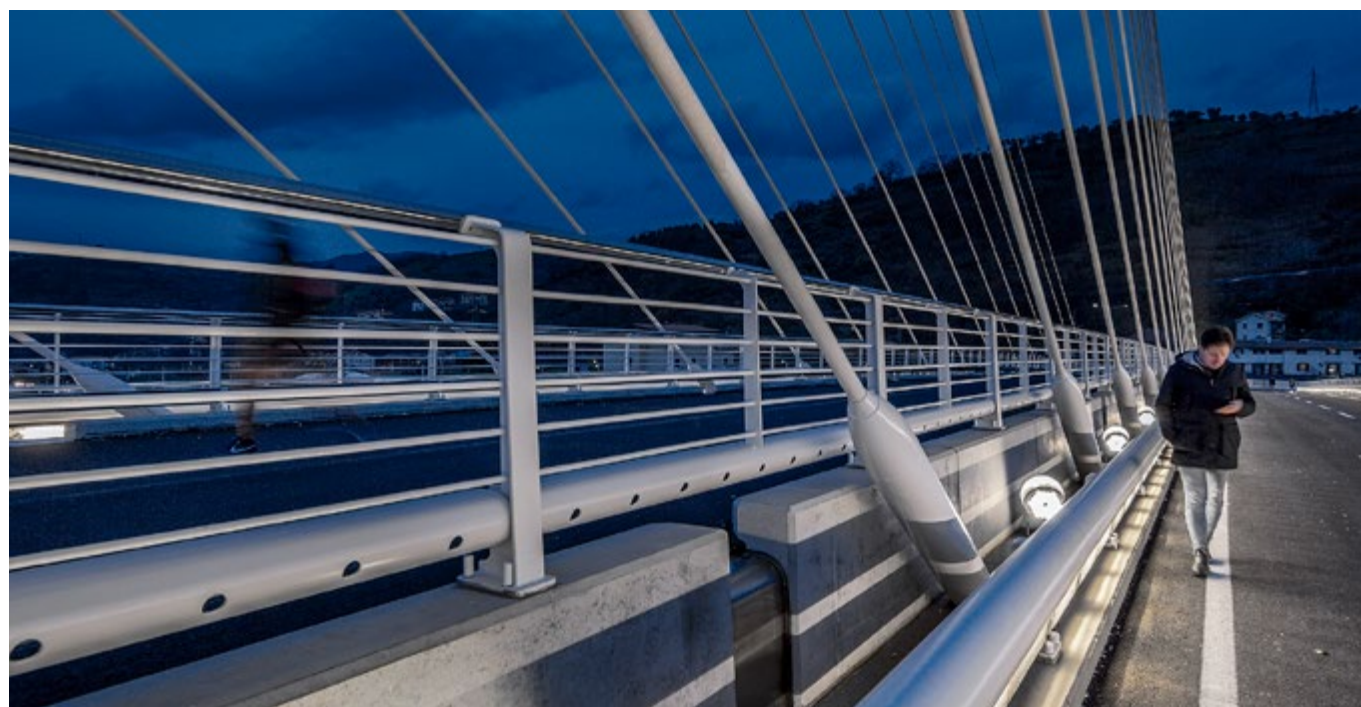


OUTDOOR LIGHTING INSPIRATION



PRODUCT: CONTRAST 2 LED
SAN FRANCESCO DI PAOLA BRIDGE, COSENZA, ITALY

CRAFTING MEMORABLE EXPERIENCES OUT OF LIGHT



OUTDOOR LIGHTING INSPIRATION



PRODUCT: CONTRAST 2 LED
CHATEAU DES ARCIS, FRANCE



OUTDOOR LIGHTING INSPIRATION



PRODUCT: ALUMET STAGE, ALUMET CONTROL DIRECT
GYMNASE LA FARE-LES-OLIVIERS, FRANCE

LIGHT CAN TURN A FACADE INTO A FEATURE



OUTDOOR LIGHTING INSPIRATION



PRODUCT: SATIN 2
GAZELA BRIDGE, PIROT, SERBIA

CREATE NIGHT-TIME LANDMARKS



PRODUCT: VIOO
GILIOI, ITALY

35
—

LIGHT FOR FACADES, MONUMENT & BRIDGES





UNIQUE OUTDOOR LIGHTING



FOR BUILDING SURROUNDS

We create light that complements and enhances architecture and the urban environment, giving definition and identity to outdoor spaces.



SCAN TO
LEARN MORE



01 NIGHTSIGHT

LED outdoor luminaire system with multi-zone lighting for the effective design of outdoor areas



02 URBA

Designed exclusively for Thorn by Wilmotte and Industries, for sophistication and comfort in urban life.



03 THOR & URBA BOLLARD

Stylish yet robust bollards that define and enhance urban areas.



04 CESAR

Versatile contemporary luminaire providing both direct and indirect lighting for building exteriors and outdoor areas.



05 JALON LED

Discreet wall-recessed luminaire with wide asymmetric light beam.



06 E/FACT

A series of square or circular recessed walk-over luminaires compliant with limited surface temperatures.

PRODUCT: URBA
FACULTY OF CIVIL ENGINEERING, UNIVERSITY OF OSIJEK, CROATIA



OUTDOOR LIGHTING INSPIRATION



PRODUCT: THOR BOLLARD
LOUGHBOROUGH UNIVERSITY, UNITED KINGDOM

**LIGHT WHERE
YOU NEED IT
AND ONLY WHEN
YOU NEED IT**



OUTDOOR LIGHTING INSPIRATION



PRODUCT: CESAR, THOR BOLLARD
LINCOLN BOOLE UNIVERSITY, UK



OUTDOOR LIGHTING INSPIRATION



PRODUCT: URBA BOLLARD
SEICHEBRIÈRES, FRANCE

**MAKE BUILDINGS
JUST AS WELCOMING
BY NIGHT AS BY DAY**



OUTDOOR LIGHTING INSPIRATION

PRODUCT: LEGEND
SEICHEBRIÈRES, FRANCE

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LIGHT FOR BUILDING SURROUNDS





LIGHTING THE OUTSIDE WORLD



05 NIGHTSIGHT

04 ALUMET FAMILY

06 MICA

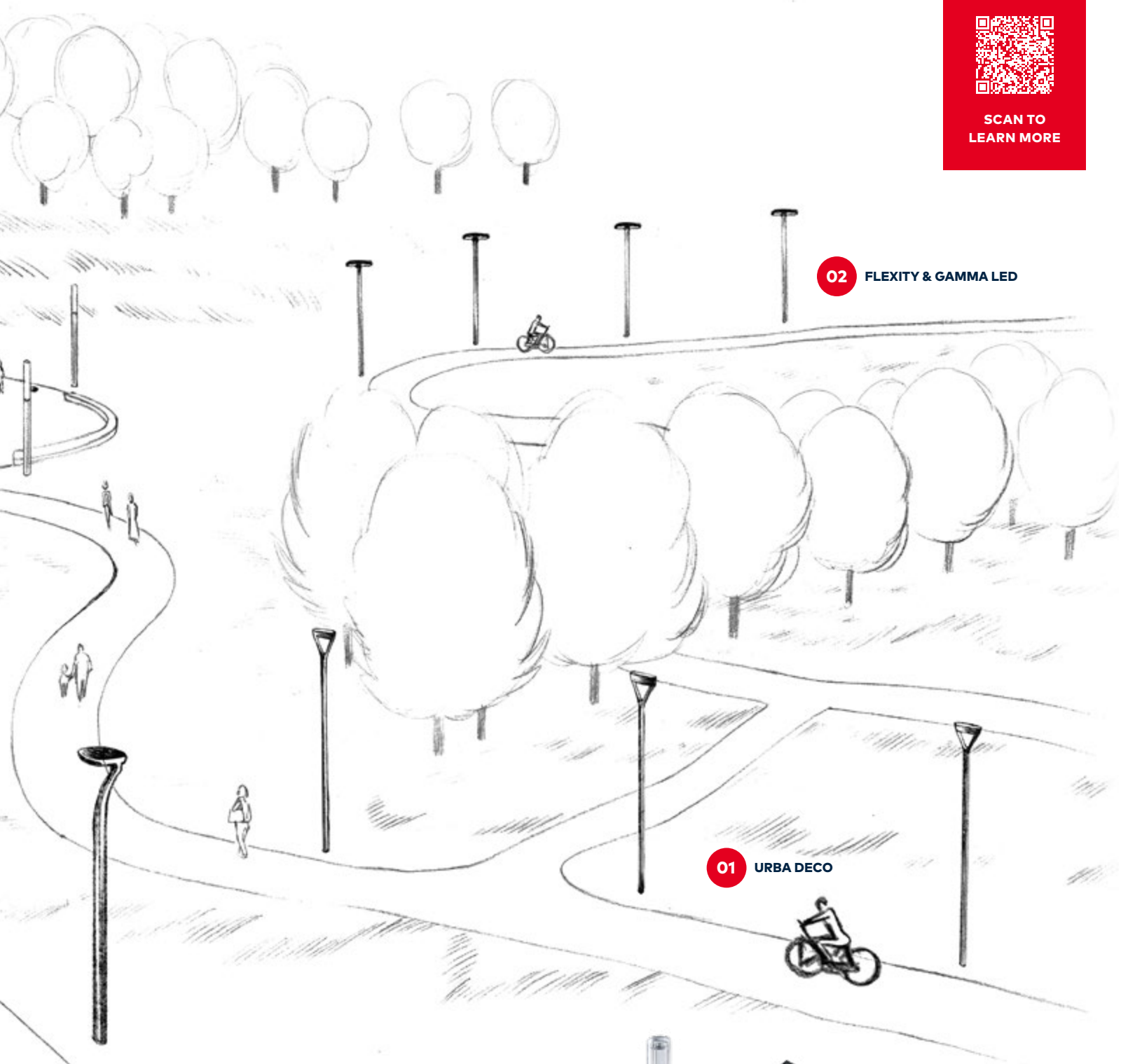
03 FLOW

FOR PARKS, PLAZAS & PROMENADES

The right lighting keeps these important outdoor social spaces accessible and vibrant at night.



SCAN TO
LEARN MORE



02 FLEXITY & GAMMA LED

01 URBA DECO



01 URBA DECO
Smart, sophisticated architectural lantern.



02 FLEXITY & GAMMA LED
Understated modern post-top lanterns.



03 FLOW
The outdoor luminaire that gives unique identity to the urban space.



04 ALUMET FAMILY
An elegant family of columns, giving designers maximum creative freedom.



05 NIGHTSIGHT
LED outdoor luminaire system with multi-zone lighting for the effective design of outdoor areas



06 MICA
In-ground luminaire for drive-over illumination applications, compliant with limited surface temperatures.

PRODUCT: ALUMET CONTROL INDIRECT, MICA
UNIVERSITY OF LIVERPOOL, UNITED KINGDOM

OPEN SPACES DESIGNED AROUND PEOPLE



OUTDOOR LIGHTING INSPIRATION



PRODUCT: FLEXITY
PARQUE MONTE DA CONDESA, SANTIAGO DE COMPOSTELA , SPAIN

THOUGHTFUL ILLUMINATION OPENS UP URBAN SPACES



OUTDOOR LIGHTING INSPIRATION

PRODUCT: URBA DECO
PLAZA KONTXA ETXEBERRIA, SAN SEBASTIÁN, SPAIN

55

LIGHT FOR PARKS, PLAZAS & PROMENADES

PRODUCT: GAMMA LED
CITY OF LEONBERG, GERMANY

**GIVING PEOPLE
THE CONFIDENCE
TO EXPLORE**



OUTDOOR LIGHTING INSPIRATION

PRODUCT: URBA DECO
CITY OF GÖPPINGEN, GERMANY

57

LIGHT FOR PARKS, PLAZAS & PROMENADES

PRODUCT: NIGHTSIGHT
PROMENADE IN KLAGENFURT, AUSTRIA



OUTDOOR LIGHTING INSPIRATION





A landscape photograph of sand dunes at sunset. The sky is a warm, hazy orange, and the sun is low on the horizon, creating a soft glow. In the background, a range of mountains is visible under the same light. The foreground shows the smooth, undulating curves of sand dunes, with the light catching the ridges and casting soft shadows in the troughs. The overall mood is serene and expansive.

SHAPING THE GREAT OUTDOORS

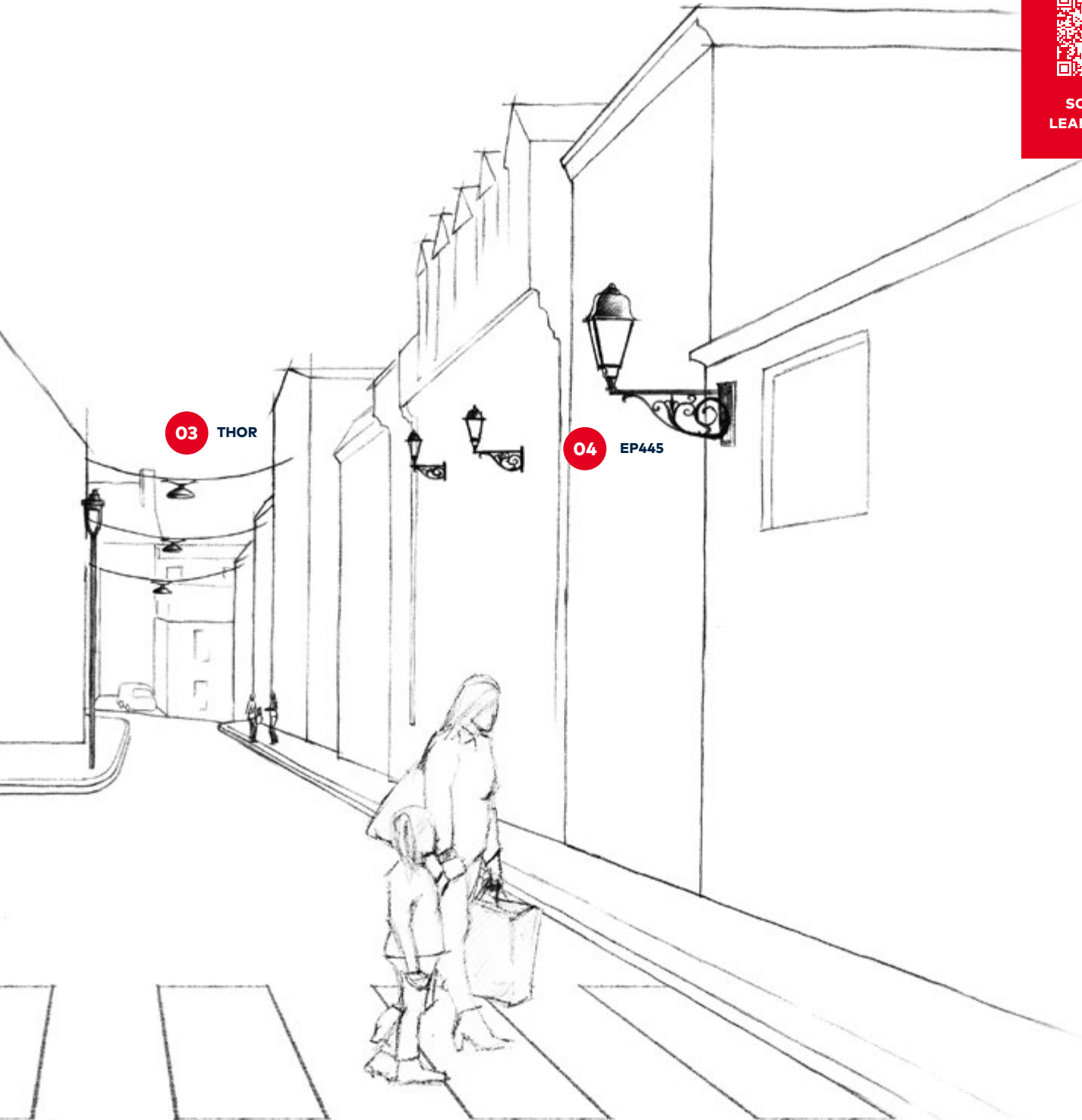


FOR URBAN & RESIDENTIAL STREETS

The streets where people live and work require quality illumination so residents and visitors can make their way safely, while protecting against spill light and conserving energy.



SCAN TO
LEARN MORE



01 DYANA LED

A high quality LED luminaire to enhance efficiently urban roads and streets.



02 AVENUE FAMILY

An elegant and efficient LED lantern family with a prismatic enclosure to prevent glare and provide a unique, comfortable light.



03 THOR FAMILY

The outdoor luminaire range that gives unique identity to the urban space.



04 EP445

A heritage-style lantern with cutting-edge performance.



05 LEGEND

A modern heritage lantern with powerful light source.



06 URBA

Sophisticated outdoor luminaire creating comfortable light.

PRODUCT: LEGEND
CITY OF OSLO, NORWAY



OUTDOOR LIGHTING INSPIRATION



PRODUCT: EP145
CITY OF Waidhofen, Austria

VISIBILITY AND COMFORT FOR DRIVERS, PEDESTRIANS AND CYCLISTS



OUTDOOR LIGHTING INSPIRATION

PRODUCT: DYANA LED
CELTIC FOOTBALL CLUB, GLASGOW, UK



PRODUCT: THOR
CITY OF COPENHAGEN, DENMARK



OUTDOOR LIGHTING INSPIRATION



ND/3 als

NorDan
Finduer

www.nd3.dk
3871 1100

Rådgivning

Inspiration

fast, træ og træ/alu

PRODUCT: AVENUE D² LED
AVENIDA NAFARROA, SAN SEBASTIAN, SPAIN

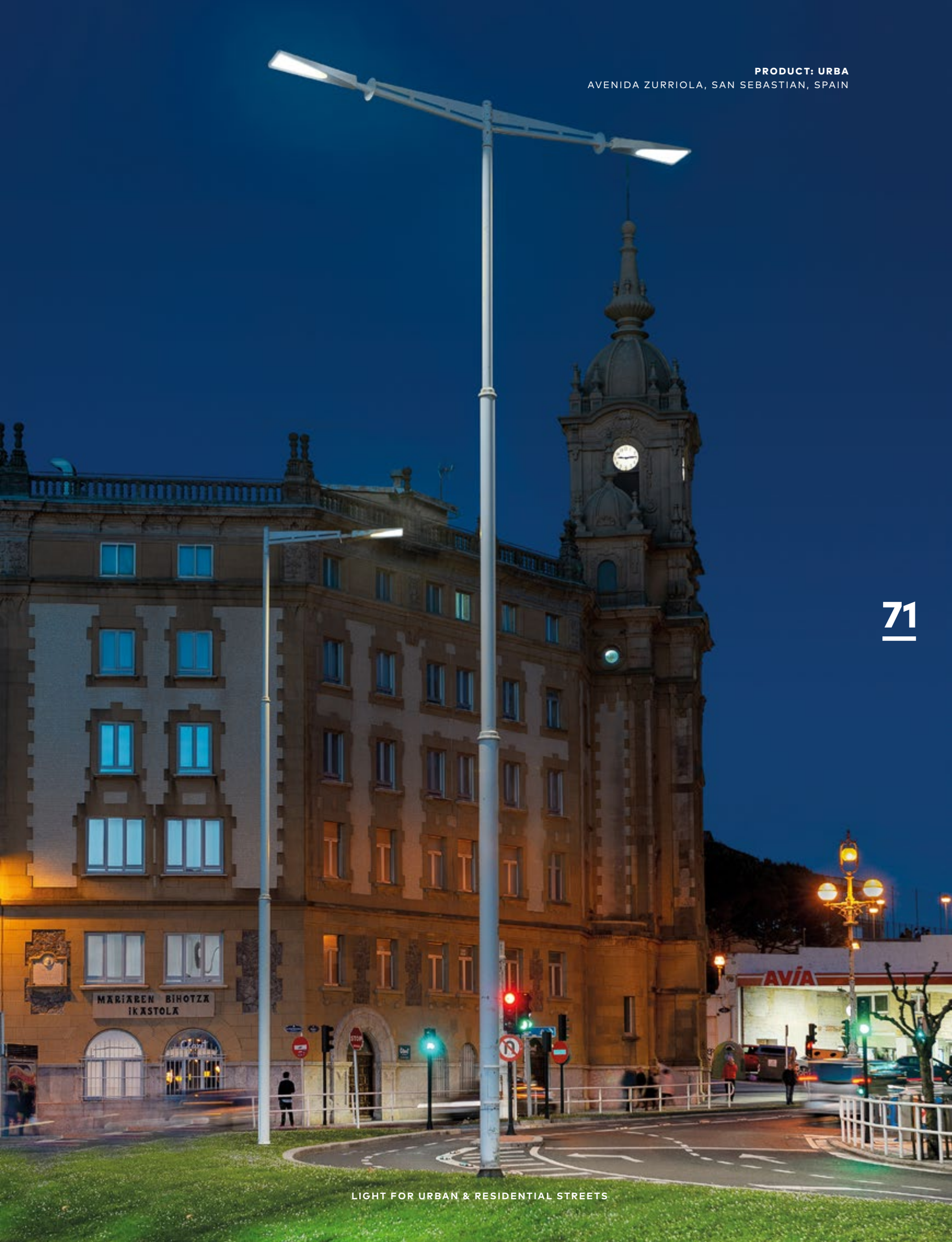
SAFETY AND REASSURANCE FOR RESIDENTS



OUTDOOR LIGHTING INSPIRATION

PRODUCT: URBA
AVENIDA ZURRIOLA, SAN SEBASTIAN, SPAIN

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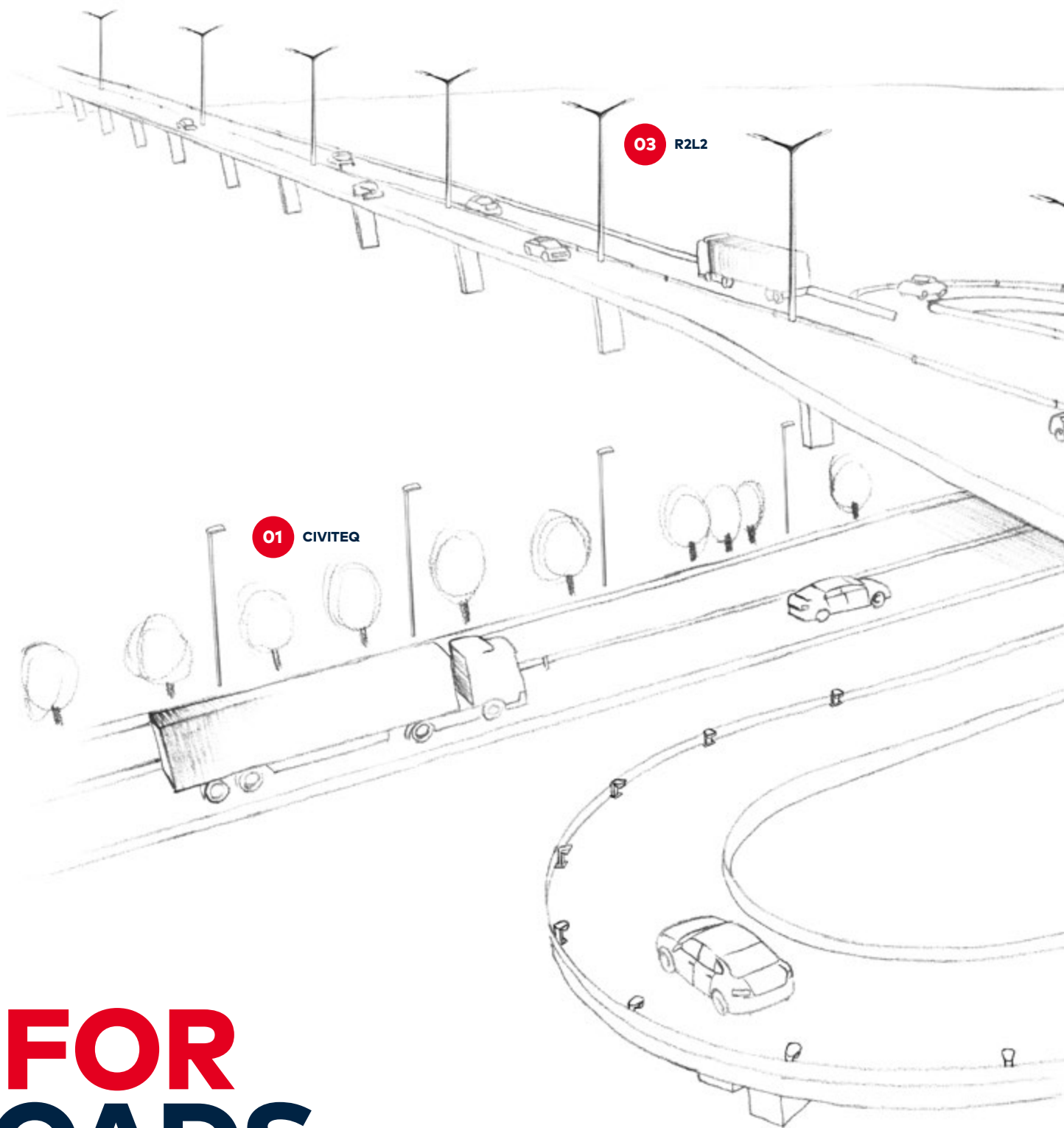


LIGHT FOR URBAN & RESIDENTIAL STREETS



A large, dark, rectangular rock formation (Butte) stands prominently against a cloudy sky. The rock face is textured and shows signs of weathering. In the foreground, a misty or foggy atmosphere obscures the ground, with several silhouetted trees scattered across the landscape. The overall lighting is soft and atmospheric, suggesting a dawn or dusk setting.

THE NATURE OF LIGHTING

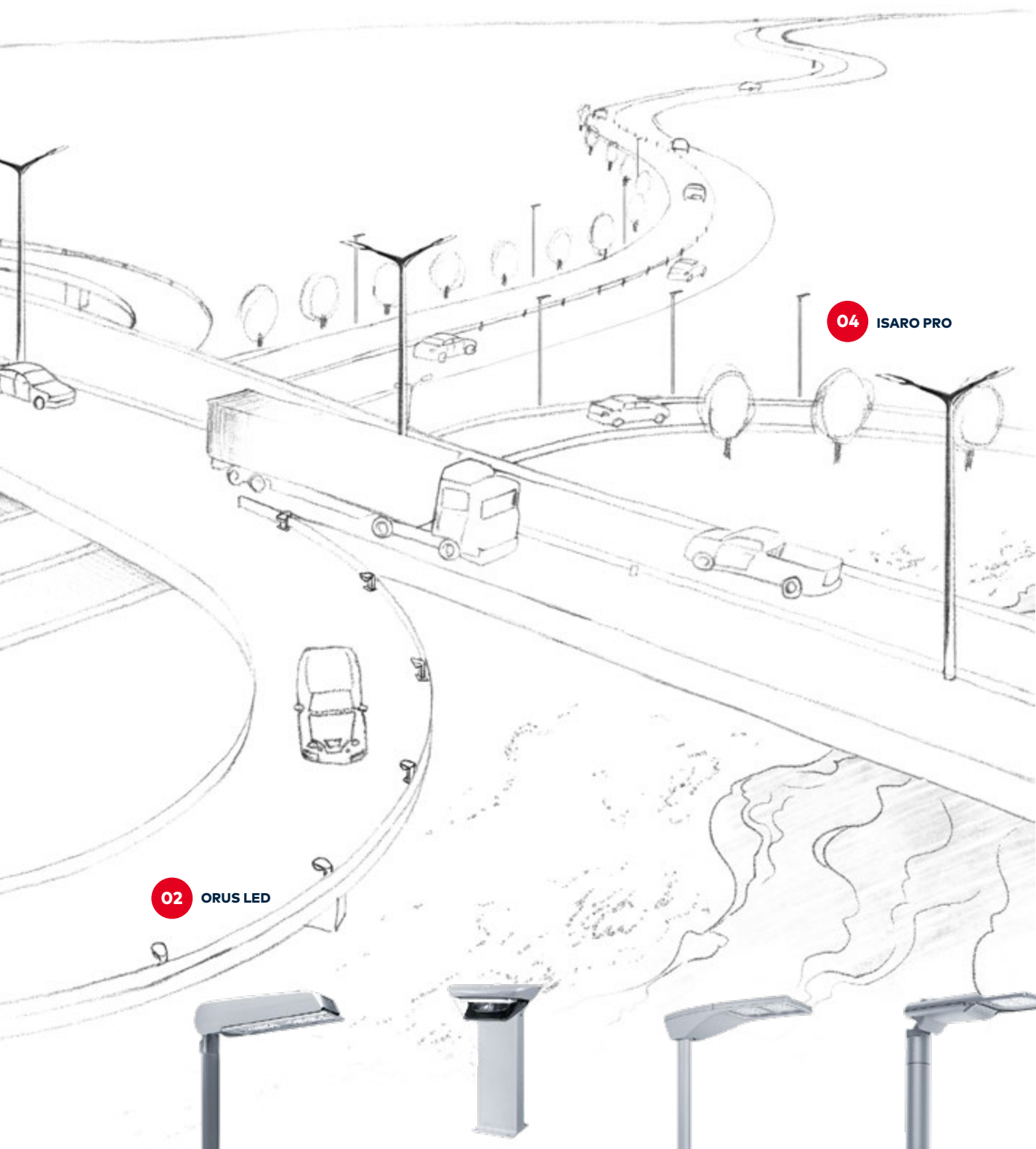


FOR ROADS

From major to minor roads and from intersections to bridges, the right lighting is essential for drivers, cyclists and pedestrians to orientate themselves and feel safe after dark.



SCAN TO
LEARN MORE



02 ORUS LED

04 ISARO PRO

01 CIVITEQ
Award-winning and cost-effective road light solution.

02 ORUS LED
Innovative road lantern for low-level mounting.

03 R2L2
A complete family of lanterns with standout performance.

04 ISARO PRO
A range of optics and corrosion resistance for use in coastal areas.

PRODUCT: R2L2
NENZING, AUSTRIA





77

PRODUCT: CIVITEQ
THURROCK, ESSEX, UNITED KINGDOM

**FIND
YOUR WAY
SAFELY**





PRODUCT: ORUS LED
TIANJIN CHIFENG BRIDGE ROAD, CHINA



OUTDOOR LIGHTING INSPIRATION



PRODUCT: ORUS LED
RANDE BRIDGE, VIGO, SPAIN

BALANCING VISIBILITY WITH COMFORT



OUTDOOR LIGHTING INSPIRATION



PRODUCT: R2L2
SOUTH TYNESIDE, UK



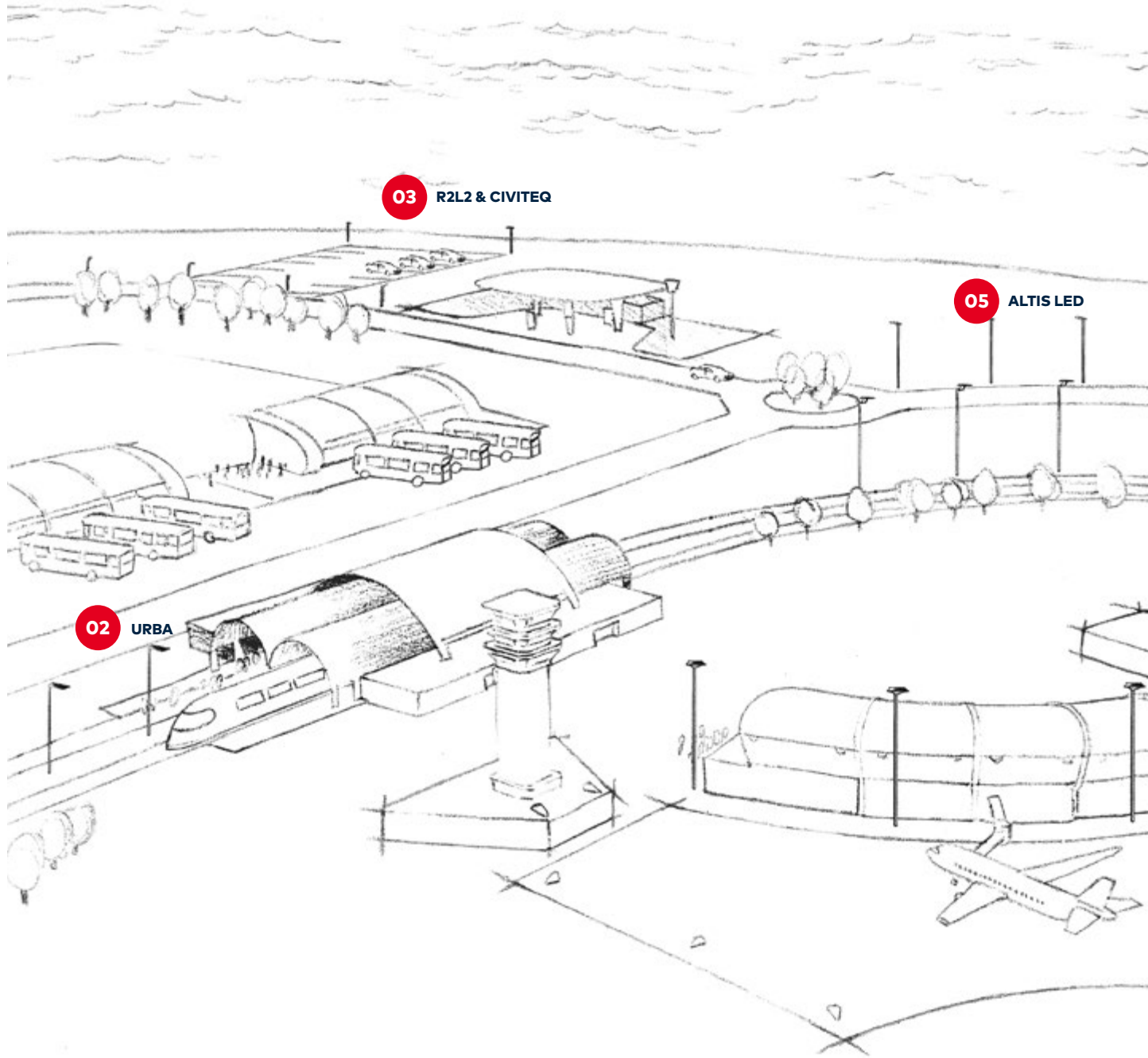
OUTDOOR LIGHTING INSPIRATION





A landscape photograph of a road at sunset. The road is dark asphalt with a white line on the right side, leading into the distance. The sky is filled with soft, colorful clouds in shades of orange, yellow, and purple. In the background, there are rolling hills and mountains under a darkening sky. The text "LIGHT WITHOUT END" is overlaid in the center in a bold, white, sans-serif font.

**LIGHT
WITHOUT
END**

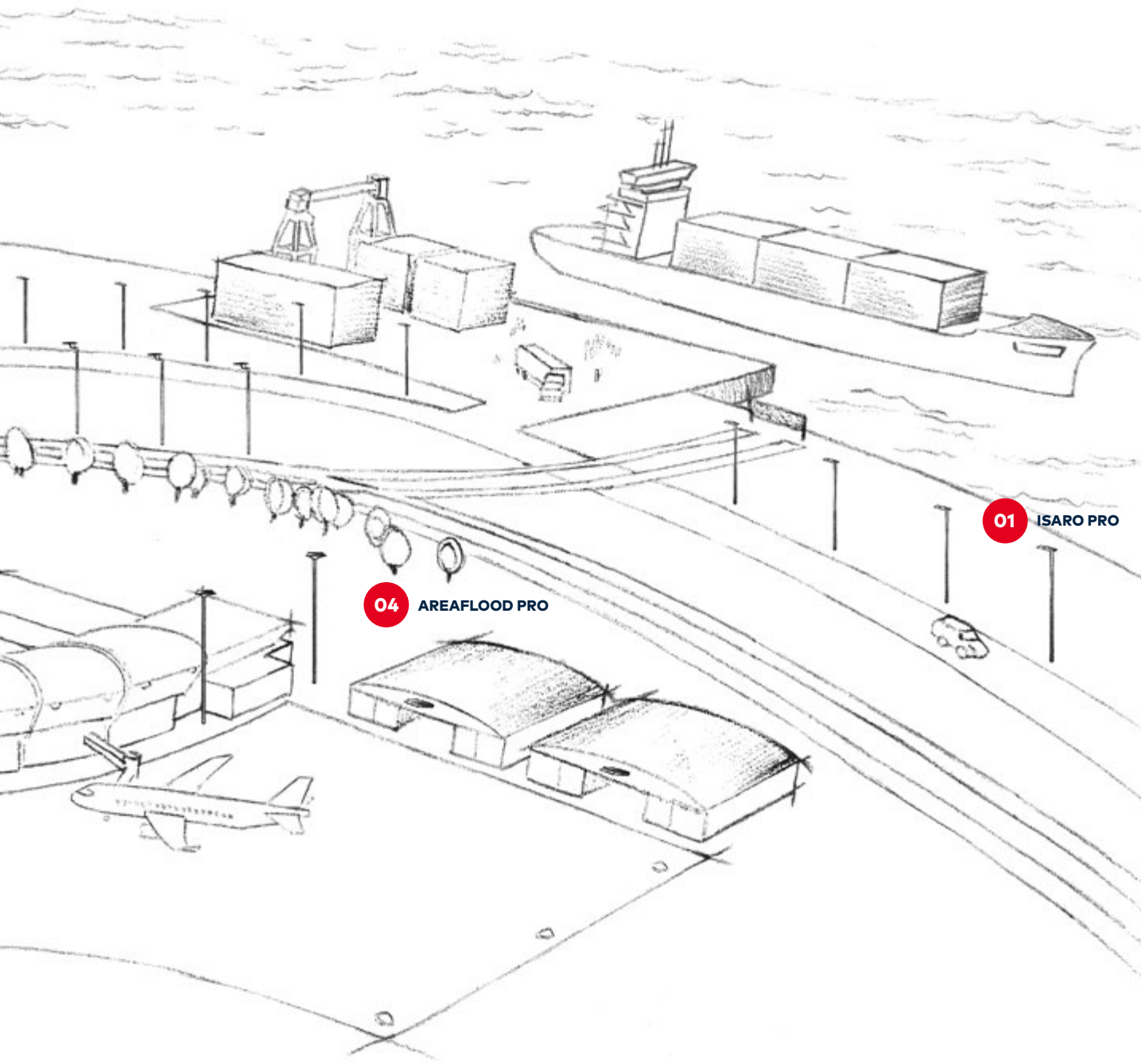


FOR TRANSPORTATION

From ports to airports and from train stations to petrol stations,
great lighting keeps people and goods moving, day and night.



SCAN TO
LEARN MORE



01 ISARO PRO

A range of optics and corrosion resistance for use in coastal areas.



02 URBA

Sophisticated lantern creating soft light for comfortable outdoor spaces.



03 R2L2

A complete family of lanterns to cover all applications.



03 CIVITEQ

Award-winning and cost-effective road light solution.



04 AREAFLOOD PRO

A high-performance floodlight to meet a range of needs.



05 ALTIS LED

LED floodlight for area lighting, with unrivalled light quality.

PRODUCT: **CIVITEQ**
BAUHAUS CAR PARK, CZECH REPUBLIC

SAFETY AND REASSURANCE FOR TRAVELLERS



OUTDOOR LIGHTING INSPIRATION



PRODUCT: ALTIS LED
BERGEN AIRPORT, NORWAY



OUTDOOR LIGHTING INSPIRATION

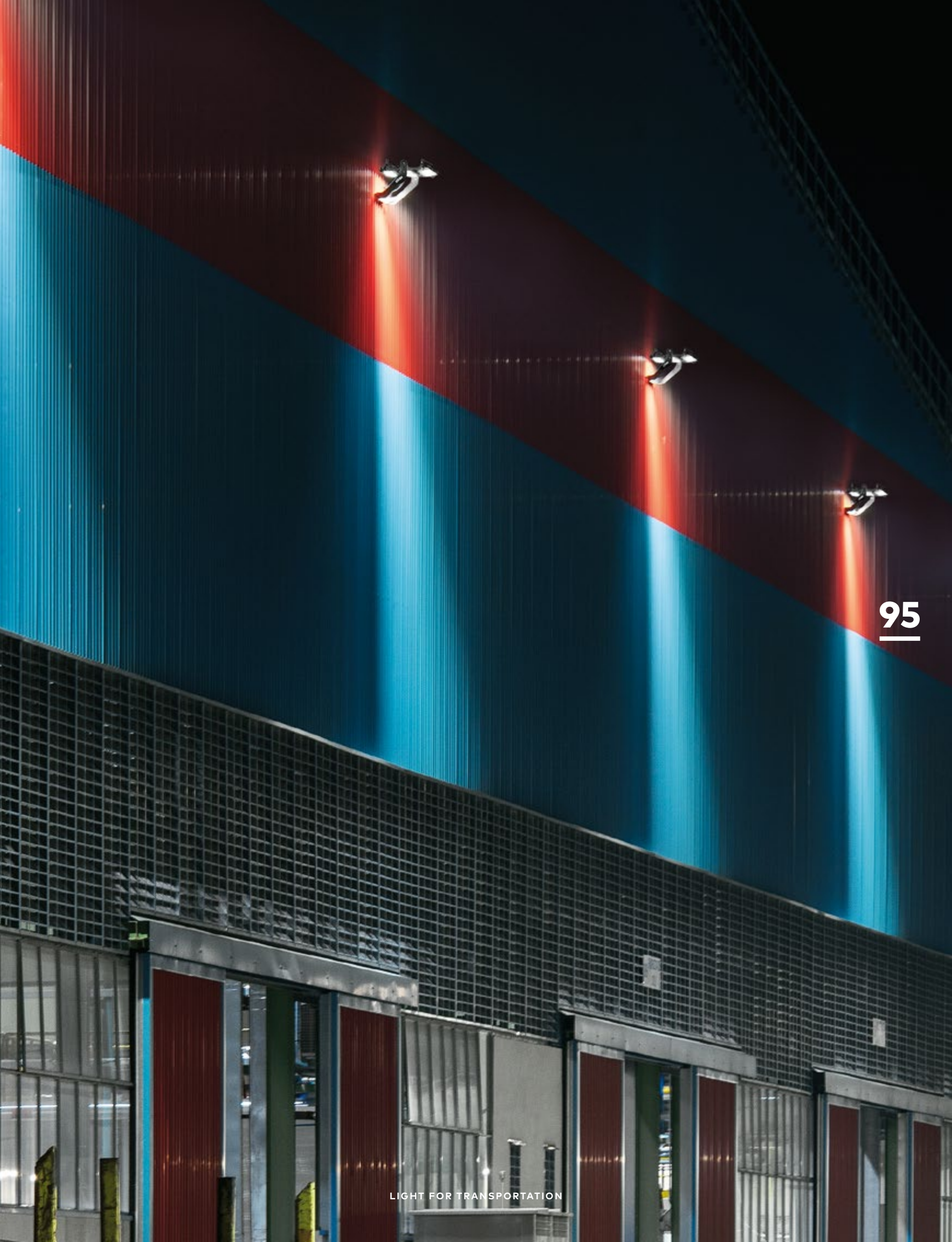


PRODUCT: ALTIS LED
ABS, POZZUOLO DEL FRIULI, ITALY

PRECISION OPTICS FOR CLEAR ILLUMINATION AND MINIMAL GLARE



OUTDOOR LIGHTING INSPIRATION



95

PRODUCT: ALTIS LED
PALERMO AIRPORT, ITALY

**QUALITY LIGHT
CREATING
GREAT VISIBILITY**



OUTDOOR LIGHTING INSPIRATION







THE PASSION OF LIGHTING

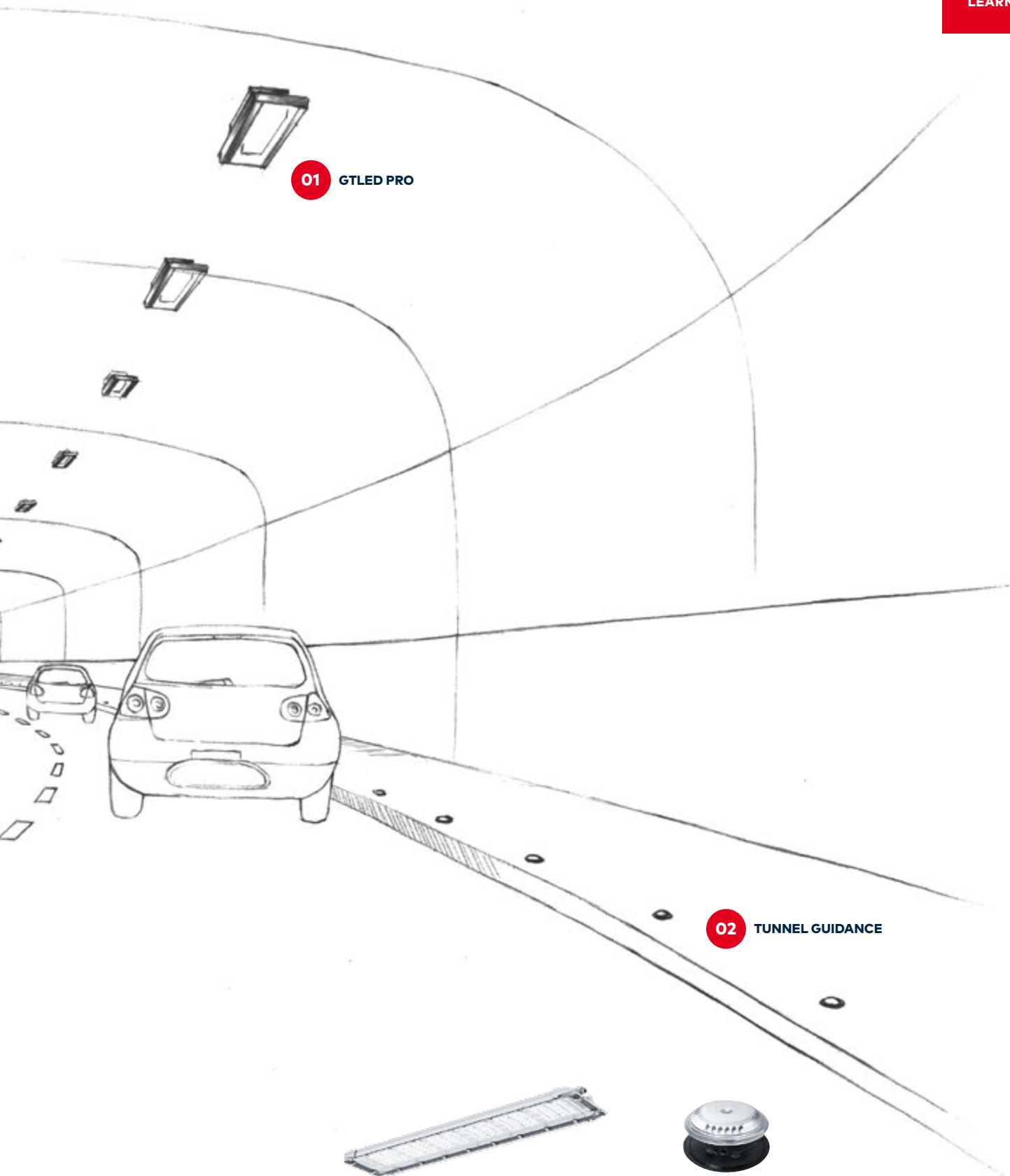


FOR **TUNNELS**

Expert design and precision optics are a must in tunnels, where confined spaces, critical safety requirements and sudden changes in ambient light levels create unique challenges.



SCAN TO
LEARN MORE



01 GTLED PRO

02 TUNNEL GUIDANCE



01 GTLED PRO
LED tunnel luminaire with advanced optics for entrance, interior and exit zones.

02 TUNNEL GUIDANCE
Mounted in-ground to mark the way.

PRODUCT: GTLED PRO
EURASIA TUNNEL, ISTANBUL, TURKEY



OUTDOOR LIGHTING INSPIRATION



PRODUCT: GTLED PRO
ESELSTEINTUNNEL, AUSTRIA

LONG-LASTING SOLUTIONS



OUTDOOR LIGHTING INSPIRATION



105

PRODUCT: GTLED PRO
E18 KJØRHOLT TUNNEL, NORWAY

CUTTING-EDGE OPTICS FOR PRECISE LIGHT DISTRIBUTION



OUTDOOR LIGHTING INSPIRATION

PRODUCT: GTLED PRO
E18 BAMBLE TUNNEL, NORWAY

107

PRODUCT: GTLED PRO
SCENIC HILL TUNNEL, HONG KONG



OUTDOOR LIGHTING INSPIRATION

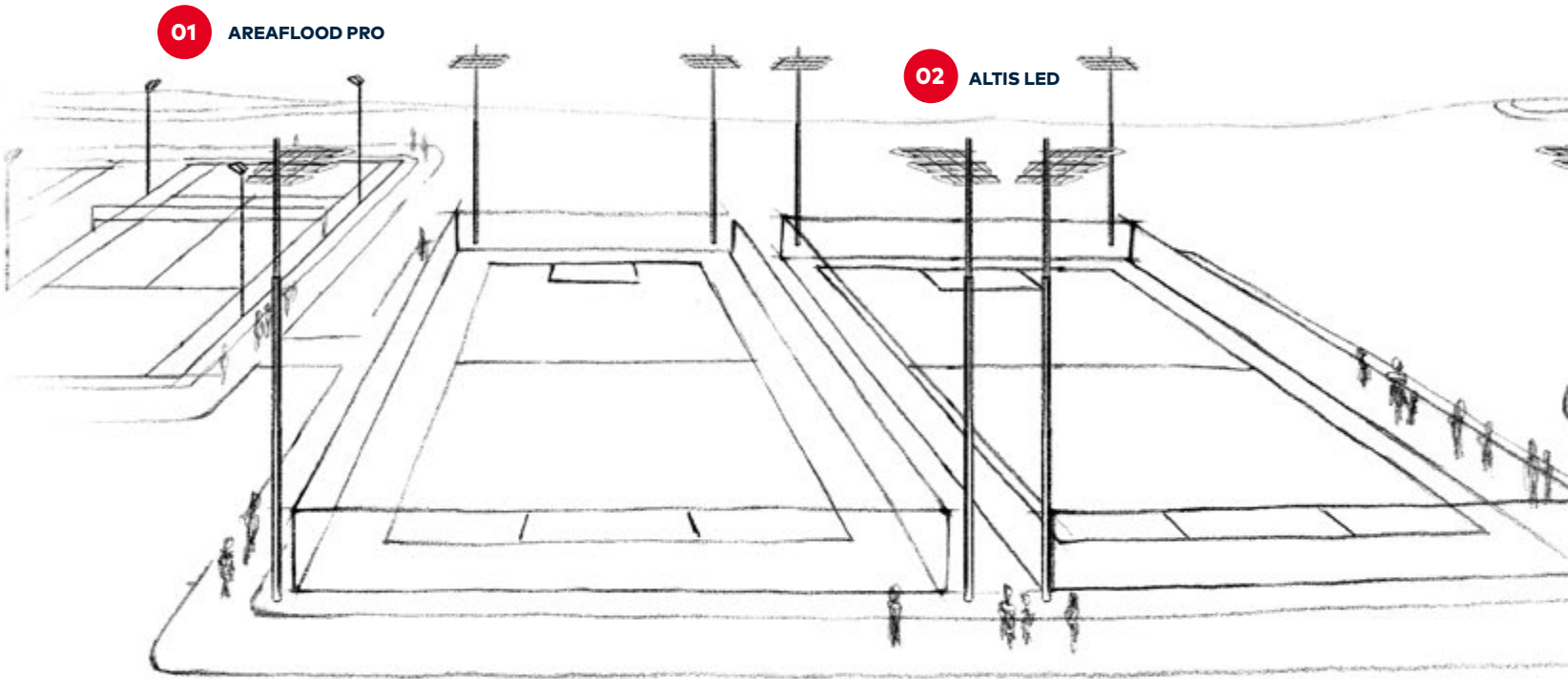


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THE WAY OF LIGHTING



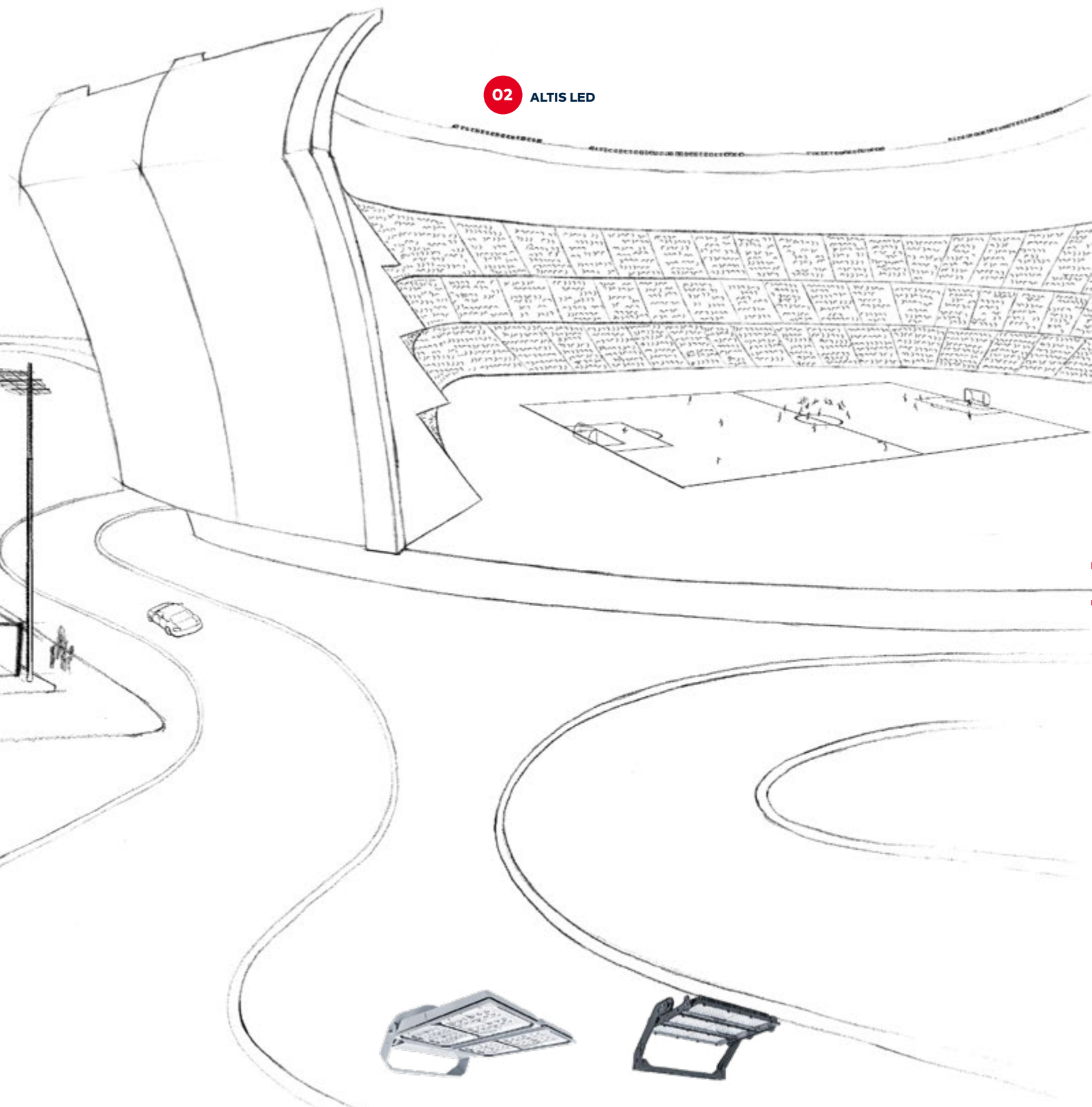
FOR SPORTS

Whether it's a professional or recreational venue, sport is serious business. Sports lighting must illuminate the action clearly for participants and fans – including those watching on TV.



SCAN TO
LEARN MORE

02 ALTIS LED



113

01 AREA FLOOD PRO

Area floodlight
with superior optical
performance and control.

02 ALTIS LED

High power floodlight
for area and sports lighting,
with exceptional light quality
and ready for HD broadcasting.

PRODUCT: CUSTOMIZED LED LIGHTING SOLUTION FOR THE ARCH
WEMBLEY STADIUM, LONDON, UNITED KINGDOM



OUTDOOR LIGHTING INSPIRATION

INCLUDING DIFFERENT PRODUCTS FOR SEVERAL OTHER AREAS (INDOOR AND OUTDOOR)



115

LIGHT FOR SPORTS

PRODUCT: CHAMPION PRO
EPSOM GIRLS GRAMMAR SCHOOL, NEW ZEALAND

**THE LIGHT
PLAYERS NEED
TO GIVE
THEIR BEST**



OUTDOOR LIGHTING INSPIRATION



PRODUCTS: ALTIS, AREAFLUOD, CHAMPION
SKI ARENA IN KANDERSTEG, SWITZERLAND



OUTDOOR LIGHTING INSPIRATION







VISIONS OF OUTDOORS

TEN REASONS

TO WORK WITH THORN

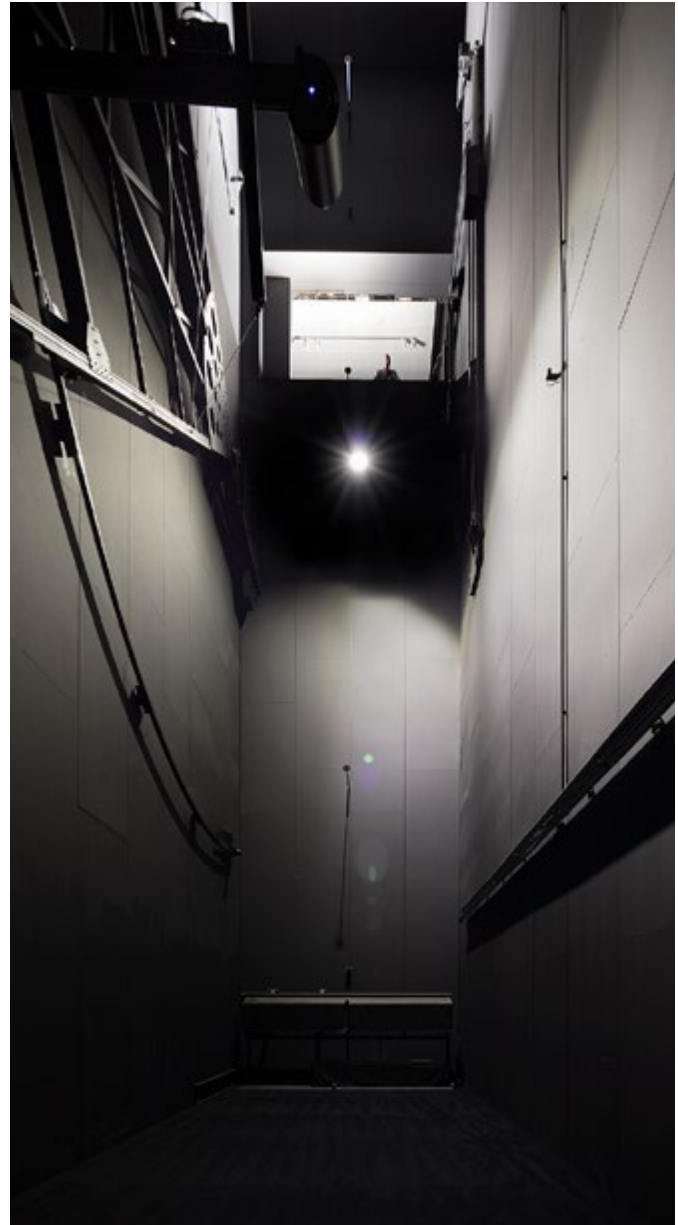
01

CONSTANT RESEARCH AND INNOVATION

Thorn has been at the forefront of lighting technology for decades, and continues to push at the boundaries. Our investment in R&D and innovation aims to bring customers the very best performance, thanks to the latest advanced engineering in light and electronics, with in-house development.



Electromagnetic compatibility (EMC) testing laboratory

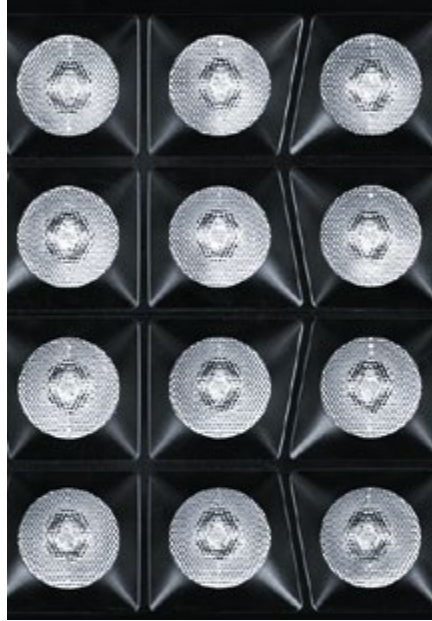


Photometric measurement

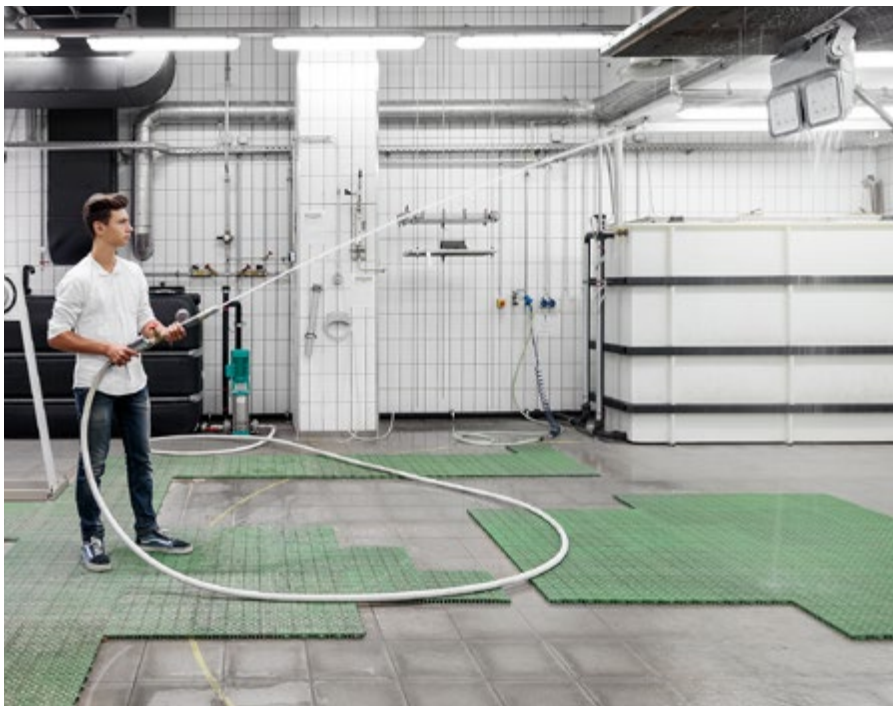
02

PIONEERING OPTICS

Thorn's outdoor range benefits from our class-leading optical system. It offers several precision light distributions to fulfil various requirements, with excellent uniformity and no waste or obtrusive light for all outdoor applications, from roads to urban areas and sports venues.



123



Water ingress protection testing

03

EXTENSIVE TESTING AND CERTIFICATION

Thorn's products undergo demanding tests for compliance, safety and performance. With Thorn, you can be sure that your outdoor lighting product does what it says it will do, meets all relevant standards and regulations, and comes with a guarantee of quality and safety.

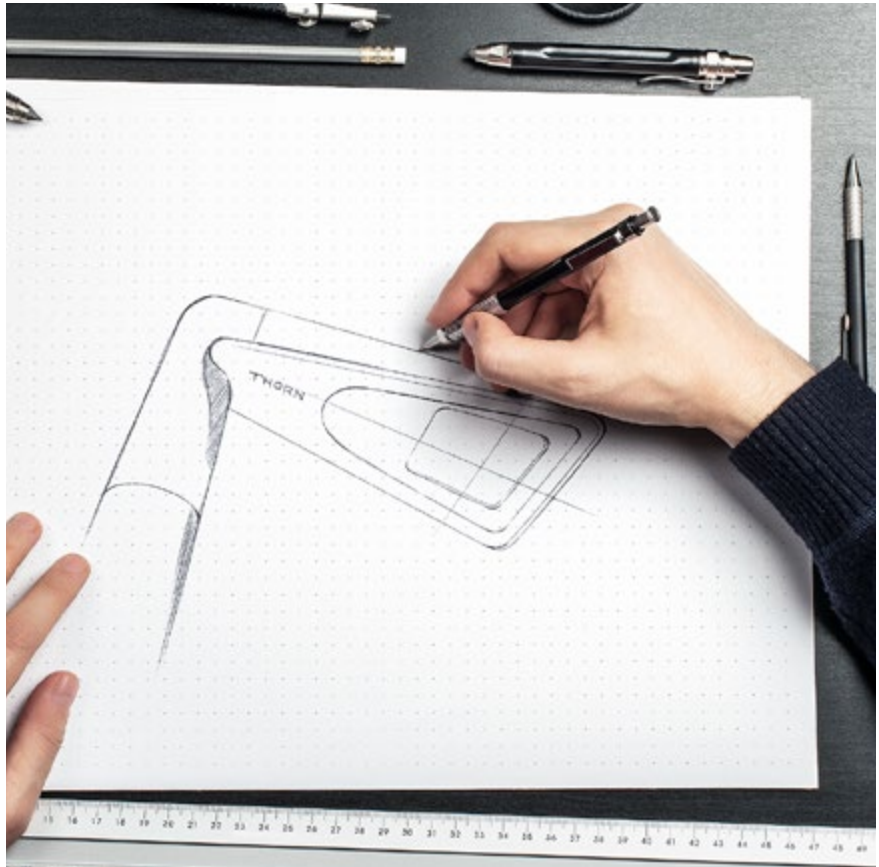


Impact resistance testing

04

GROUNDBREAKING PRODUCT DESIGN

Customer needs and great design are at the heart of the development of all Thorn products, from concept to creation. Thorn works with top designers, supported by our in-house design team, to integrate lighting concepts in the space elegantly and with a clear and consistent design form, by day and by night.



05

EXPERIENCED LIGHTING DESIGN SUPPORT

With the help of our experienced in-house designers around the world, Thorn's lighting projects are always well planned, sustainable and use the right amount of light, respecting nature and the outdoor environment. We support customers in finding the best lighting solution possible for every situation.

06 FUTUREPROOF SOLUTIONS

We design luminaires to be futureproof, with upgradeable components and open systems that can be easily integrated in different places and fulfil many functions, from simple lighting to sophisticated data management, wireless functions, and integration with new technologies.



125

AND SMART LIGHTING MANAGEMENT

Our products are also equipped with intelligent outdoor lighting management systems. This gives users the power to dim light for saving energy, use presence detection, create scenes, or monitor lighting systems to enhance performance.

07

COMPREHENSIVE PRODUCT DATA AND FREE SOFTWARE

Thorn provides comprehensive product data to support projects from specification through design to installation. Thorn also provides powerful tools to help architects, lighting designers, electricians and others on lighting projects – at no cost.

From energy calculations based on the efficiency of lighting solutions, to Building Information Modelling, or even creating lighting scenes to enhance the ambience of your space while saving energy, Thorn Lighting is committed to providing software and data that empowers professionals to do their jobs.



VIVALDI

Create lighting scenes to suit your taste, whilst still ensuring optimum energy efficiency

ECOCALC

Balancing lighting quality, efficiency and costs

thornlighting.com/en/products/tools

08

GLOBAL SUPPORT

With sales offices all over the world, Thorn customers can rely on our expert, dedicated support, wherever they are. The Thorn Academy of Light, based in Spennymoor, England, provides comprehensive education and training on professional lighting design for our employees and customers. The academy also has satellite locations in Les Andelys, France, and Bologna, Italy.



09

MORE THAN 90 YEARS' EXPERIENCE

Yes, we really have passed the 90 mark! Thorn has had nearly a century to develop its unique knowledge and expertise. And the best part is that we can build on this know-how to make sure that we are always ahead of the game with the latest technology, the most reliable services and a price that works for everyone.

10 LONG LIFE THANKS TO

PROTECTION AGAINST CORROSION

Thorn products incorporate materials and technology to prolong the useful life of your lighting installation. For the best possible corrosion resistance, many product ranges feature from special coating on critical parts (screws, latches, nuts and bolts) with the best-in-class ENAC 44300 alloy and specialised paint, which defends against corrosion for up to 20 years.

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AND ELECTRICAL SURGES

To protect against overvoltage resulting from atmospheric events, Thorn offers the option of a surge protection device providing protection up to 10kV, assuring a longer lifetime for lighting solutions and installations.

OUTDOOR LIGHTING PRODUCTS

The projects in this book give a flavour of what Thorn can do. Our full product range goes much, much further. Here's a selection of the products we offer for outdoor lighting. To find out more, visit thornlighting.com

FUNCTIONAL

ROAD



CIVITEQ



ISARO PRO



R2L2



DYANA LED



STYLED



ORUS LED



THOR



FLOW



URBA



VICTOR



IVS PEDESTRIAN
CROSSING

SPORTS AND AREA



ALTIS LED



AREAFLLOOD PRO



LEDFIT

TUNNEL



GTLED



GTLED PRO



GTLED RS



TUNNEL GUIDANCE

URBAN

BOLLARDS



URBA BOLLARD



THOR BOLLARD

POST-TOP



ALUMET CLASSIC



ALUMET CONTROL DIRECT



ALUMET CONTROL INDIRECT



ALUMET STAGE II



SYDRA F



SYDRA R



FLEXITY



GAMMA LED



PLURIO LED



URBA DECO



AVENUE D² LED



AVENUE F2 LED



LEGEND



EP445



EP145 LED



FLOW



NIGHTSIGHT

WALL MOUNTED



AVENUE WALL 300 II



EYEKON LED



PIAZZA II LED



KATONA

ARCHITECTURAL

SURFACE MOUNTED



CESAR



VIOO



CONTRAST 2 LED



SATIN 2



QBA LED



NIGHTSIGHT

RECESSED



JALON LED



LINN



D-CO LED



E/FACT



MICA



SATIN 2 RECESSED

CONTACT US

Thorn Lighting
ZG Lighting (UK) Limited
Durhamgate, Spennymoor
Co Durham, DL16 6HL
United Kingdom
T +44 1388 420042
uk.quotations@zumtobelgroup.com
www.thornlighting.co.uk



Thorn Lighting
Zumtobel Lighting GmH
Schweizer Straße 30
A-6850 Dornbirn
T +43 5572 390 -0
www.thornlighting.com/contact-us



IMPRINT

Overall responsibility: Thorn Lighting, Brand Management, Michelle Friedlaender Reple **Editorial committee:** Michelle Friedlaender Reple, Robert Langkjær-Bain, Sebastian Gratzner, Jean-Charles Lozat, Nils Gohmert, Jana Gassan, Wolfgang Stroj, Alexander Hartlieb, John Cox, Per Backstrand, Tomas Wianto, Derick Ramsay, Jacky Bouleau, Cristina Hernandez, Andre Papoular, Peter Thorns **Editor-in-chief:** Robert Langkjær-Bain **Editorial address:** ZG Lighting (UK) Limited, Global Marketing, Chiltern Park, Chiltern Hill, Chalfont St Peter, Buckinghamshire, SL9 9FG, United Kingdom, press.thorn@zumtobelgroup.com **Project Management:** Michelle Friedlaender Reple, Sebastian Gratzner **Concept & design:** Open Brand Design GmbH, Vienna, Austria **Lithography:** Fitz Feingrafik, Lustenau, Austria **Print:** Eberl Print GmbH, Immenstadt, Germany **Total circulation:** 10000 **Legal notice:** In this publication we provide information about the main outdoor applications Thorn Lighting have as well as our own projects and products. Information about services and products does not constitute an offer in the legal sense. Competitors are not mentioned in this publication. There is no right of appeal. Company registration number: FN 62309 g; VAT registration number: ATU36172805

PHOTOGRAPHERS

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