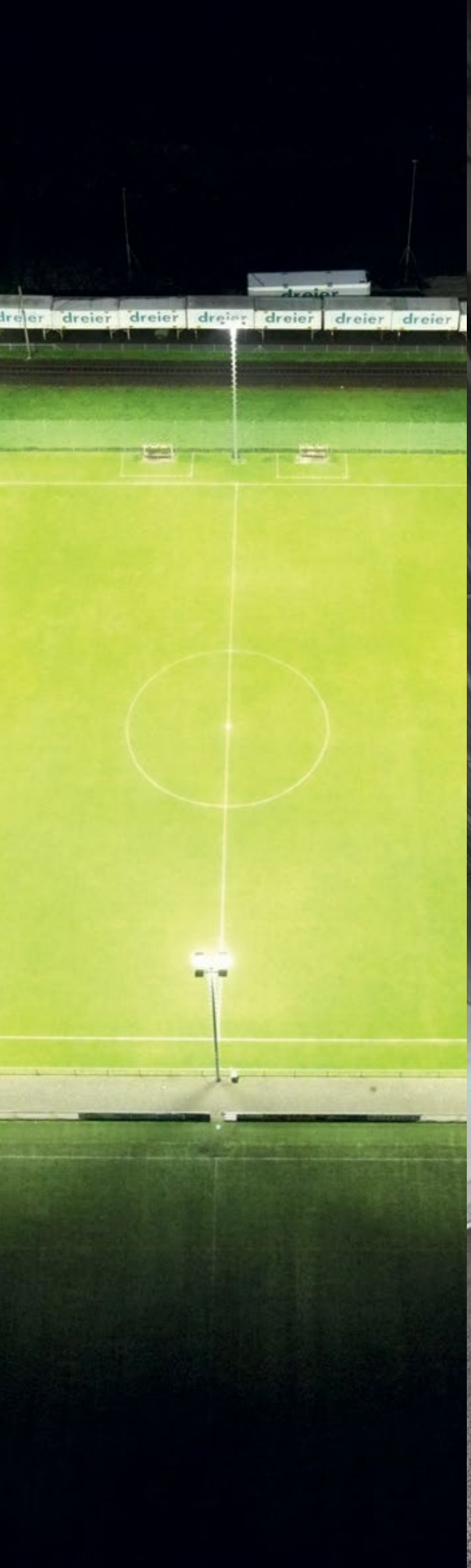
siteco

LIGHTING TECHNOLOGY

A million possibilities. But only one that counts: Yours.

Precise light distributions for every application.
Efficient & future-proof.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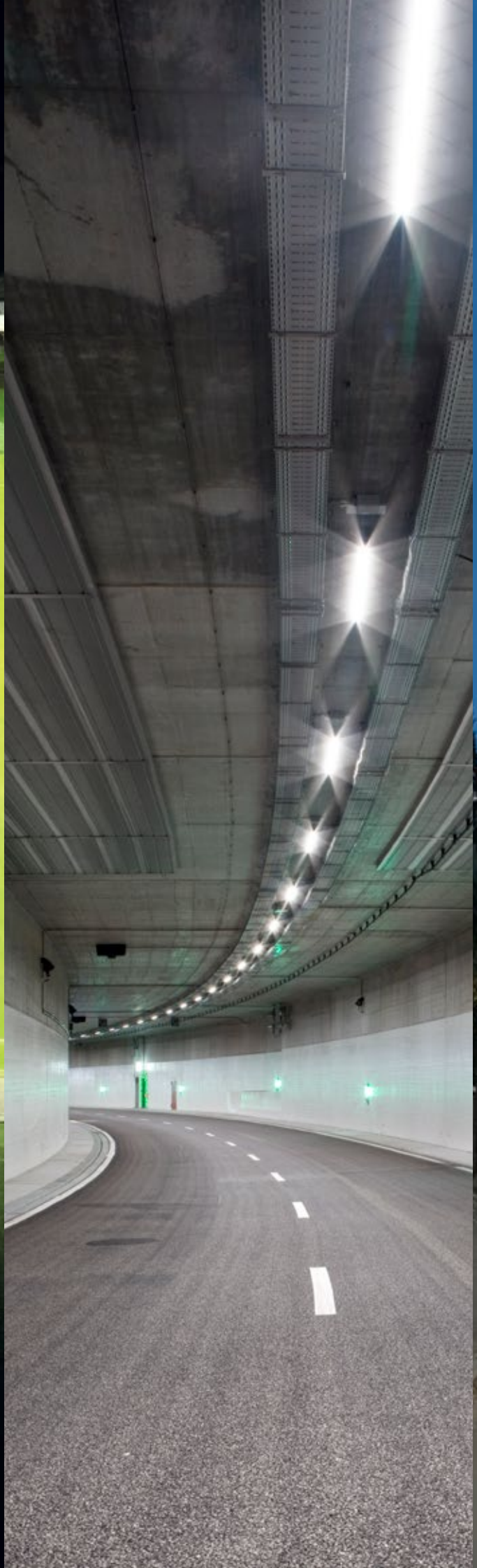



Precision that makes the difference.

Our optics direct light precisely where it's needed – without stray losses.

On the road it stays on the lane, in the stadium it focuses on the field, and in the tunnel it ensures clear visibility without glare. The result is maximum safety, efficiency, and comfort.

And because no two applications are the same, we offer more than a million possibilities: optics that adapt perfectly through combination and rotation.

A million possibilities.
For the one solution that counts: Yours.

A million ways to perfect light.

SITECO opens up unimagined possibilities: Light distributions that can now be planned even more precisely – through rotation and combination.

Highly flexible
Combinable optics modules.

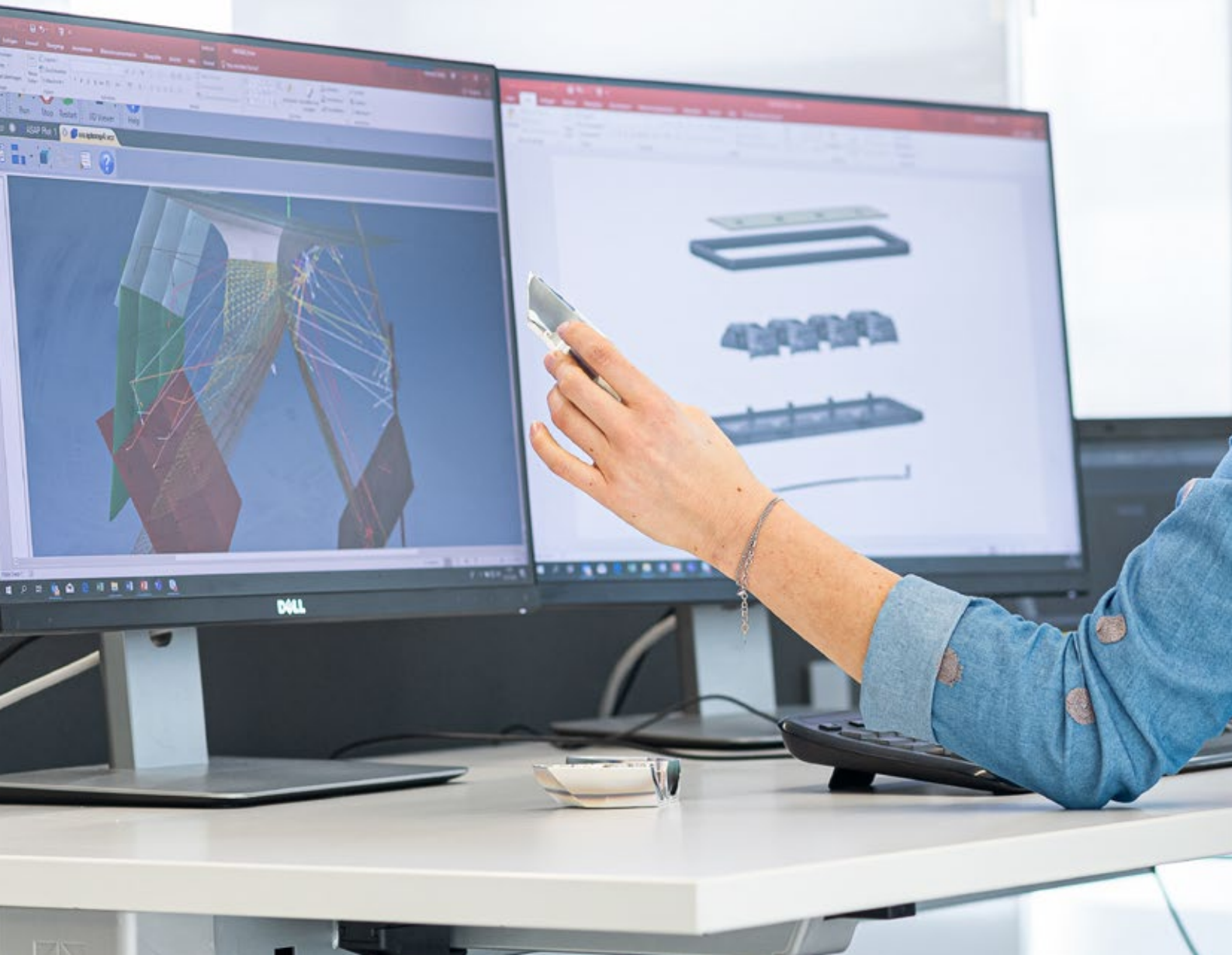
Modular
Optional backlight control panels.

Design-fit
Can be integrated into a wide variety of housing types.

Made in Traunreut
In-house optics development.

Our new generation of lighting technology: maximum flexibility, maximum efficiency, perfect adaptability for every application.

Quantum leap lighting technology.



Reflector technology

Elegant luminaire design.

Perfect light. Two technologies.

Different designs depending on the technology used.

Lens technology

Distinctive luminaire design.

Every application, every challenge – solved with the perfect optics.

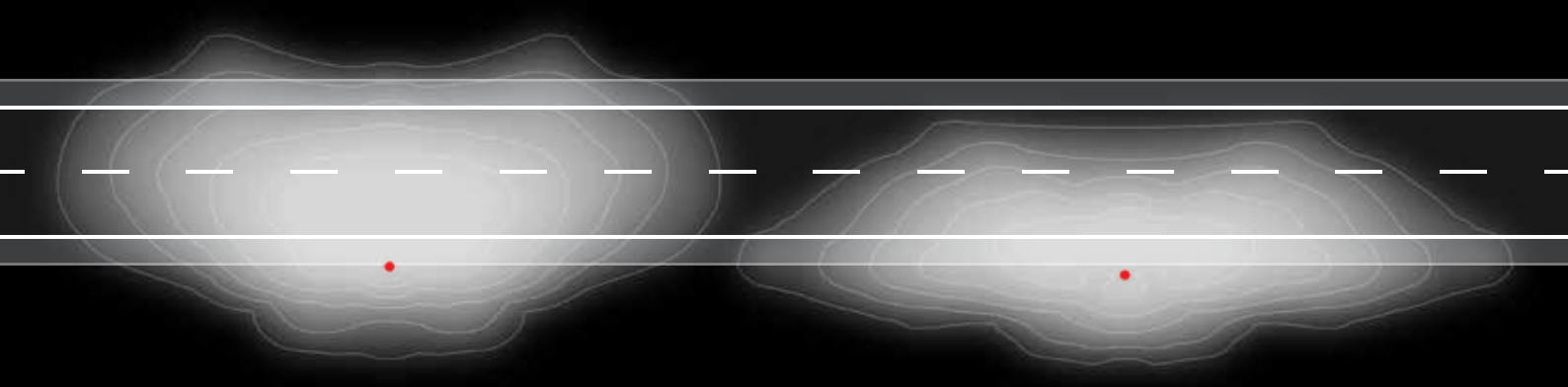
Whether road, tunnel, square, or sports facility – our standard optics provide light that fits. Precisely directed and perfectly adjusted – only as much light as needed.

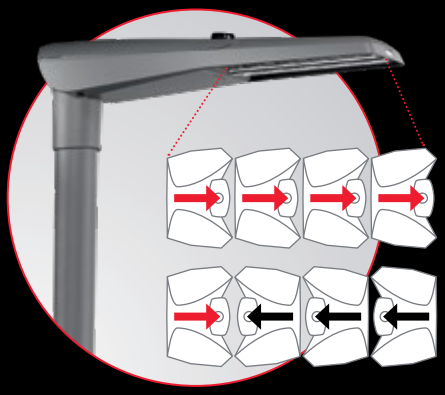
And when things get more complex? Then we combine. And / or rotate.

For over a million possibilities.
For the one that counts: Yours.

Light distribution S12
Uniform illumination of the road meeting the required standards with additional illumination of the sidewalks.

Light distribution P10
Less light on the opposite side of the road, greater mast spacing.



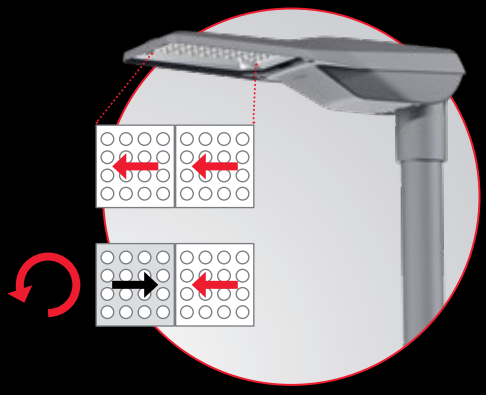


Combination of and / or rotation

of reflectors or lenses

Rotation

of reflectors or lenses

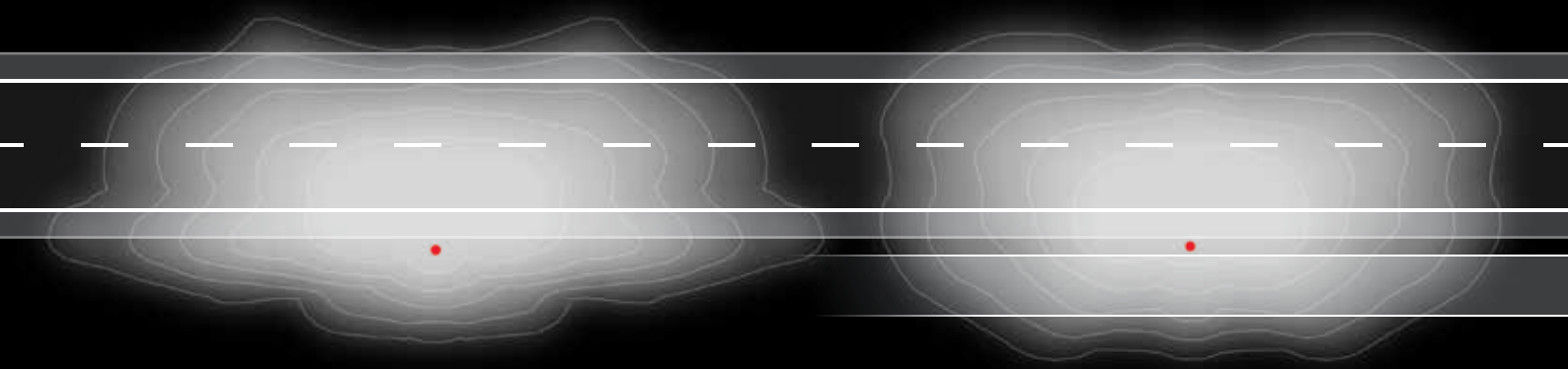


Combination of S12 and P10

Uniform illumination of the road meeting the required standards with additional illumination of the sidewalks at larger pole spacing.

Combination and rotation of S12 and P10

Uniform illumination of the road meeting the required standards with additional illumination of the sidewalks and a small rear street and with larger pole spacing.



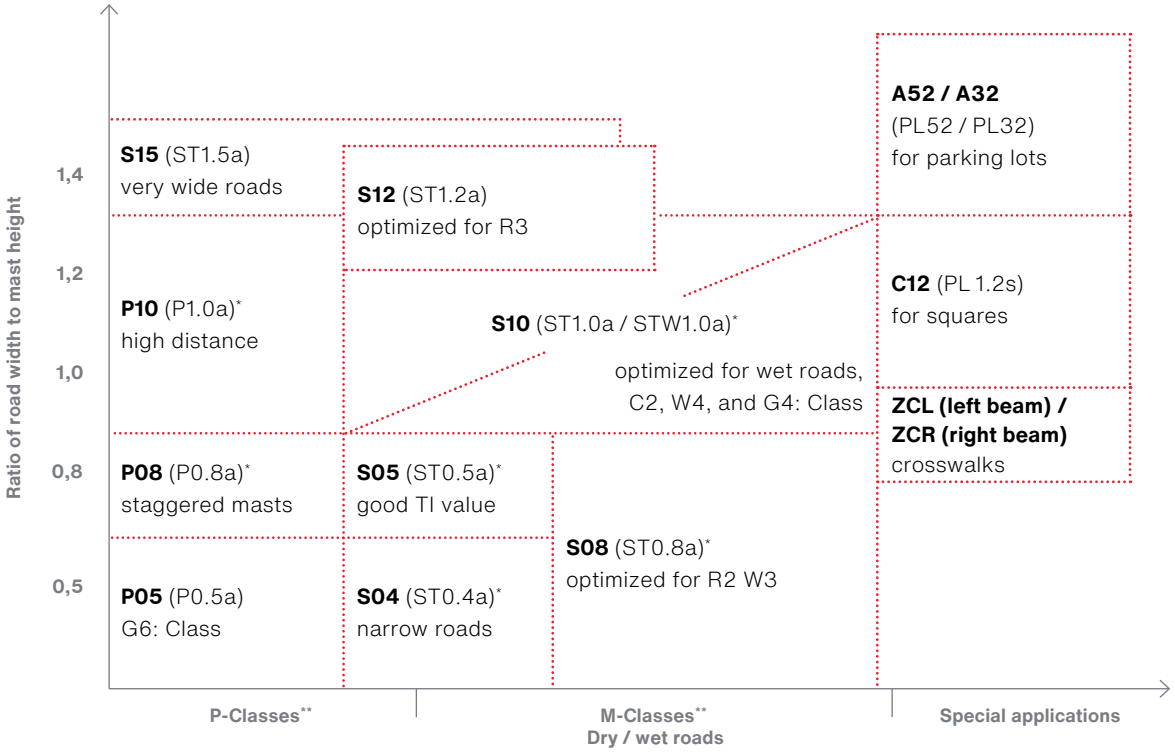
Streets & urban zones.

Well-designed lighting provides orientation and contributes to safety in public spaces. Our optics guarantee:

- glare-free visual comfort
- uniform illumination
- insect & environmental protection combined with maximum efficiency

Overview of standard light distributions.

New optics designations: in bold
Former designations: in brackets

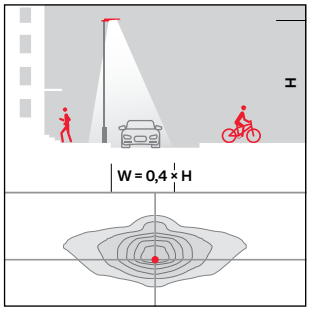


* also available with symmetrical light distribution
** according to EN13201 classification

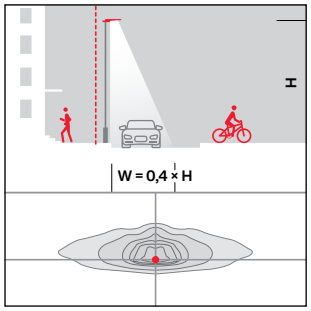
Note: For easier reference, this overview shows only the short optics designations, which outline the application and the ratio of road width to mast height. The available optics variants available for the individual product families can be found in our electronic product catalog.

Portfolio.

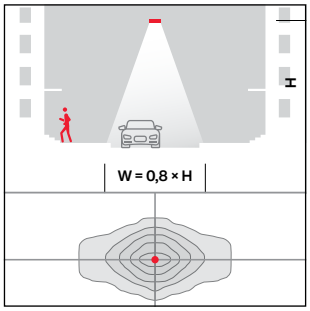
For (very) narrow roads, (cycle) paths



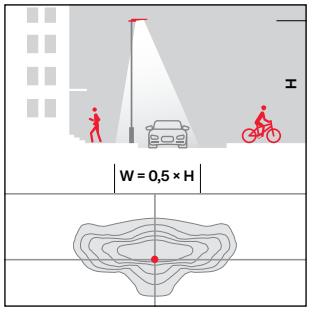
S04 (ST0.4a) – Asymmetrical wide distribution.
Classes* according to EN 13201: M, P | G2
Technology: Lens



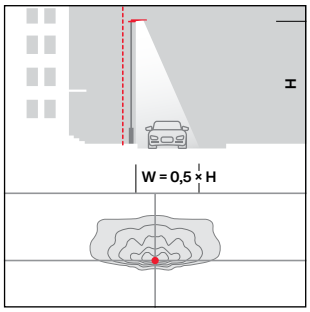
S04B (ST0.4aBLC) – Asymmetrical wide distribution. With backlight control shield (BLC).
Classes* according to EN 13201: M, P | G1
Technology: Lens



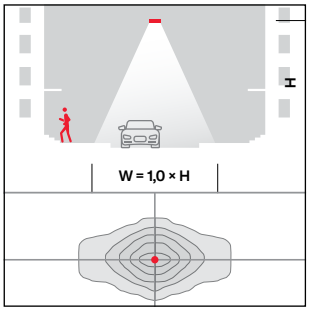
S040005 (ST0.4s) – Symmetrical wide distribution.
Classes* according to EN 13201: M | G2
Technology: Lens



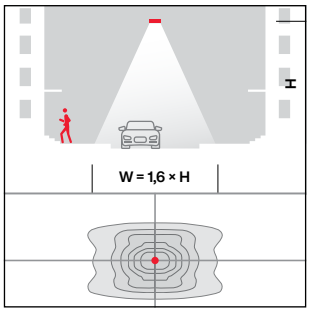
S05 (ST0.5a) – Asymmetrical wide distribution.
Classes* according to EN 13201: M, P | G3
Technology: Lens | Reflector



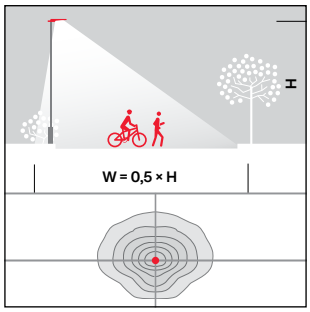
S05B (ST0.5aBLC) – Asymmetrical wide distribution.
Classes* according to EN 13201: M, P | G3
Technology: Lens



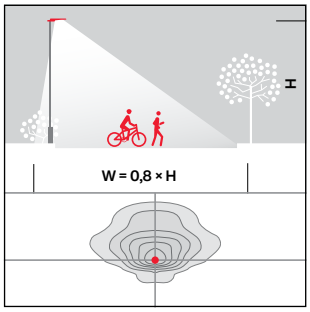
S050004 (ST0.5s) – Symmetrical wide distribution.
Classes* according to EN 13201: M | G6
Technology: Lens



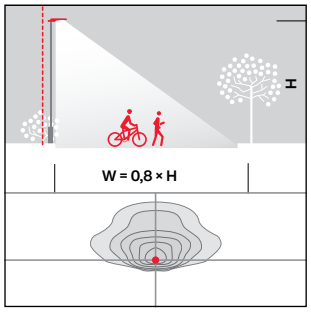
S080001 (ST0.8s) – Symmetrical wide distribution.
Classes* according to EN 13201: M | G4
Technology: Lens



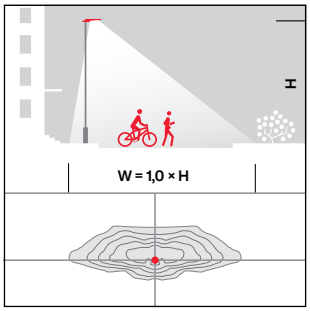
P05 (P0.5a) – Asymmetrical wide distribution.
Classes* according to EN 13201: P | G6
Technology: Lens



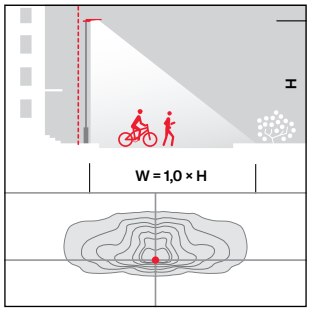
P08 (P0.8a) – Asymmetrical wide distribution.
Classes* according to EN 13201: P | G3
Technology: Lens



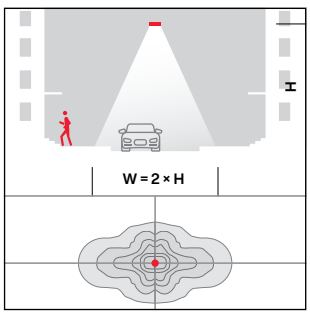
P08B (P0.8aBLC) – Asymmetrical wide distribution. With backlight control shield (BLC).
Classes* according to EN 13201: P | G3
Technology: Lens



P10 (P1.0a) – Asymmetrical extremely wide distribution.
Classes* according to EN 13201: P | G-
Technology: Lens | Reflector



P10B (P1.0aBLC) – Asymmetrical, extremely wide distribution. With backlight control shield (BLC).
Classes* according to EN 13201: P | G-
Technology: Lens

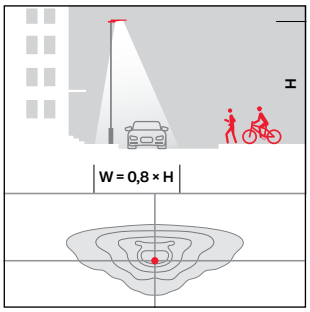


P100013 (P1.0s) – Symmetrical wide distribution.
Classes* according to EN 13201: M | G-
Technology: Lens

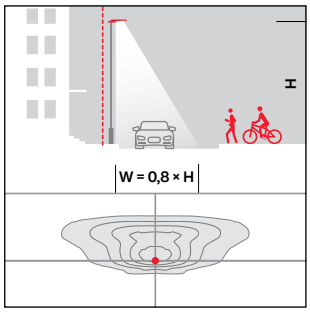
* Classes according to EN13201 – Recommended lighting class & luminous intensity class at 0° tilt

Portfolio.

For narrow and standard roads

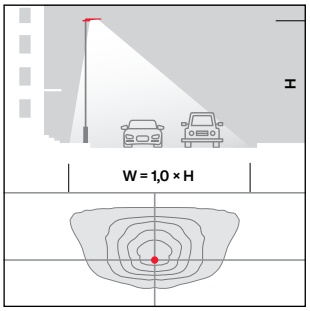


S08 (ST0.8a) – Asymmetrical wide distribution.
Classes* according to EN 13201: M | G3
Technology: Lens

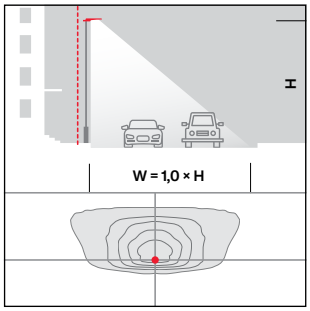


S08B (ST0.8aBLC) – Asymmetrical wide distribution. With backlight control shield (BLC).
Classes* according to EN 13201: M | G3
Technology: Lens

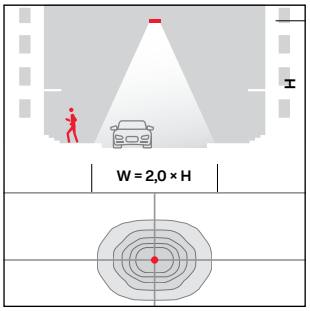
For standard roads



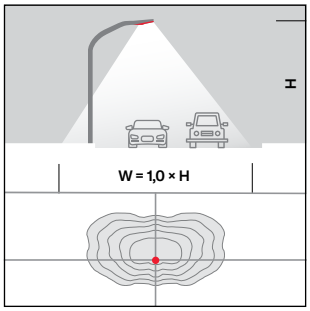
S10 (ST1.0a) – Asymmetrical wide distribution.
Classes* according to EN 13201: M | G3
Technology: Lens | Reflector



S10B (ST1.0aBLC) – Asymmetrical wide distribution. With backlight control shield (BLC).
Classes* according to EN 13201: M | G3
Technology: Lens | Reflector

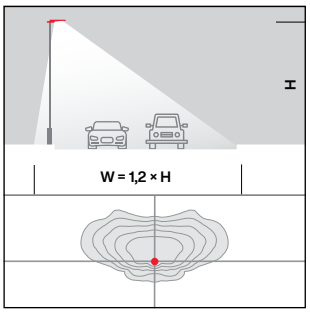


S100004 (ST1.0s) – Symmetrical wide distribution.
Classes* according to EN 13201: M | G4
Technology: Lens

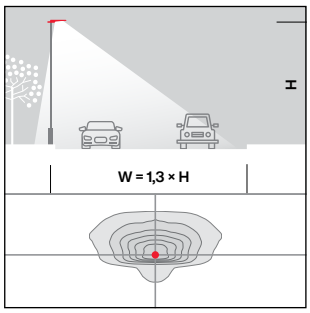


S050002 (ST0.5ST0.5) – Asymmetrical wide distribution. Road with whip mast.
Classes* according to EN 13201: M | G4
Technology: Reflector

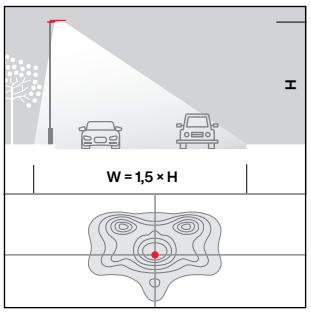
For standard and (very) wide roads



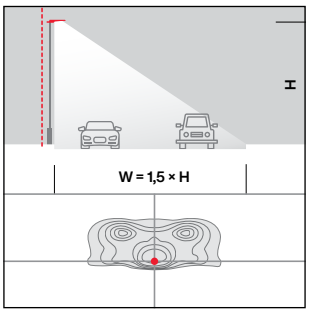
S12 (ST1.2a) – Asymmetrical wide distribution.
Classes* according to EN 13201: M | G3
Technology: Reflector



S13 (ST1.3a) – Asymmetrical wide distribution.
Classes* according to EN 13201: M | G4
Technology: Lens

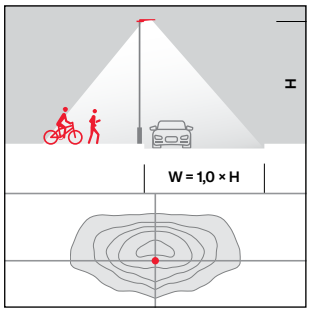


S15 (ST1.5a) – Asymmetrical wide distribution.
Classes* according to EN 13201: M | G-
Technology: Lens

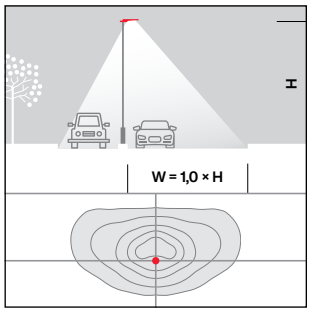


S15B (ST1.5aBLC) – Asymmetrical wide distribution. With backlight control shield (BLC).
Classes* according to EN 13201: M | G-
Technology: Lens

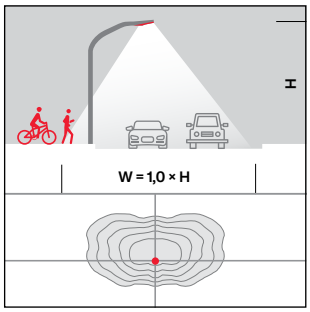
For standard and roads with rear sidewalk / cycle path and a narrow (service) road



S100007 (ST1.0P1.0) – Asymmetrical wide distribution.
Classes* according to EN 13201: M | G1
Technology: Reflector

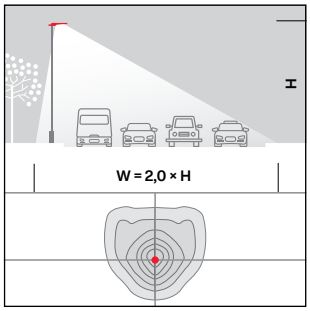


S100008 (ST1.0ST0.5) – Asymmetrical wide distribution.
Classes* according to EN 13201: M | G2
Technology: Reflector

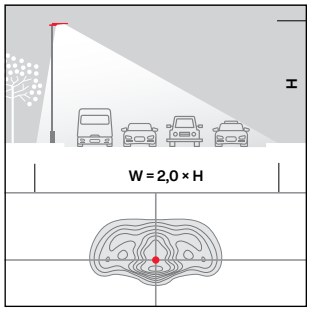


S120007 (ST1.2P1.0) – Asymmetrical wide distribution.
Classes* according to EN 13201: M | G1
Technology: Reflector

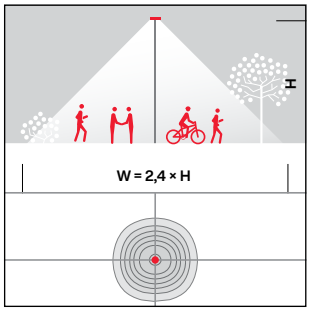
For special applications



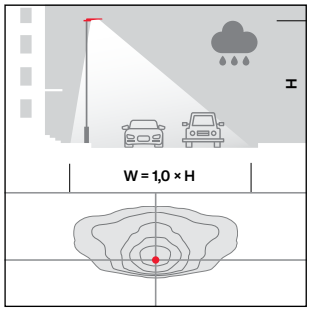
A32 (PL32) – For parking lots. Asymmetrical distribution.
Classes* according to EN 13201: P | G3
Technology: Lens



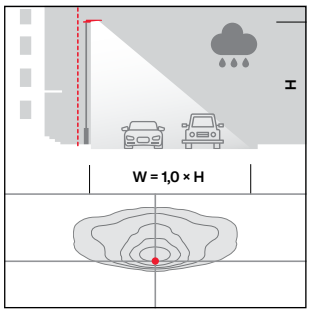
A52 (PL52) – For parking lots. Asymmetrical distribution.
Classes* according to EN 13201: P | G3
Technology: Lens



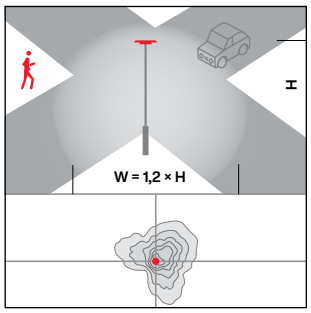
C12 (P1.2s) – For squares. Symmetrical wide distribution.
Classes* according to EN 13201: P | G6
Technology: Reflector



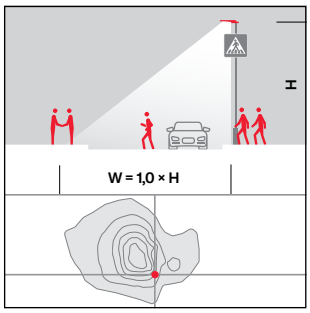
S100006 (STW1.0a) – For standard wet roads. Asymmetrical wide distribution.
Classes* according to EN 13201: M | G3
Technology: Lens



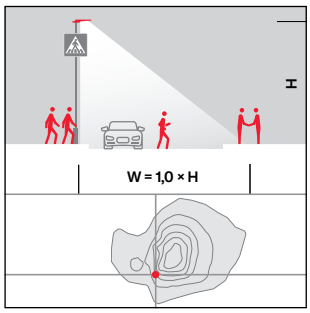
S10B006 (STW1.0aBLC) – For standard wet roads. Asymmetrical wide distribution. With backlight control shield (BLC).
Classes* according to EN 13201: M | G3
Technology: Lens



S120006 (ST1.2c) – For intersection areas. Asymmetrical wide distribution.
Classes* according to EN 13201: M, CE | G4
Technology: Reflector



ZCL (PC-L) – For crosswalks. Asymmetrical wide left distribution.
Classes* according to EN 13201: M | G3
Technology: Lens | Reflector



ZCR (PC-R) – For crosswalks. Asymmetrical wide right distribution.
Classes* according to EN 13201: M | G3
Technology: Lens | Reflector

* Classes according to EN13201 – Recommended lighting class & luminous intensity class at 0° tilt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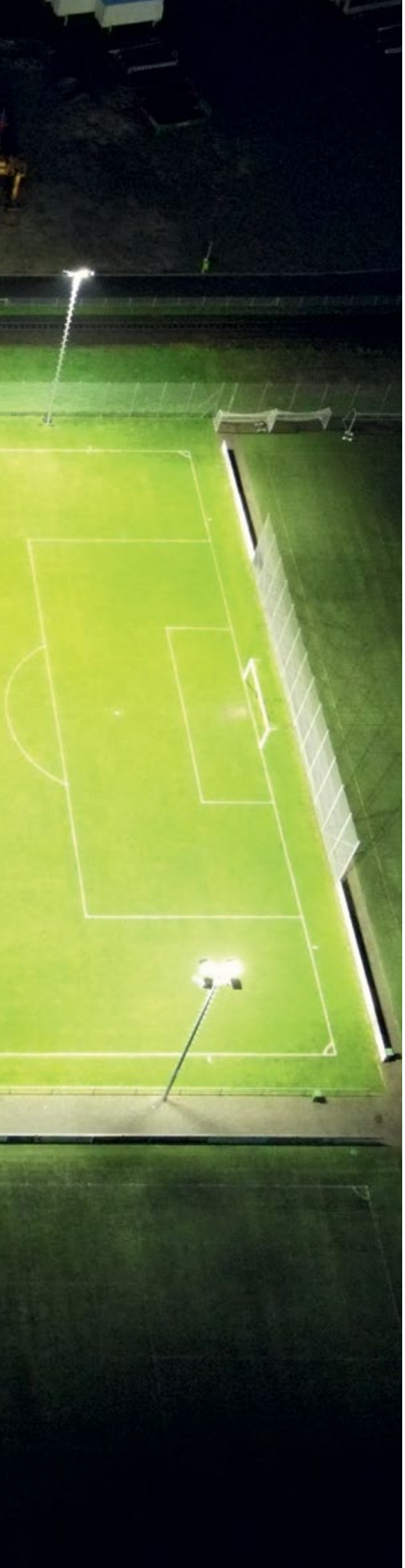
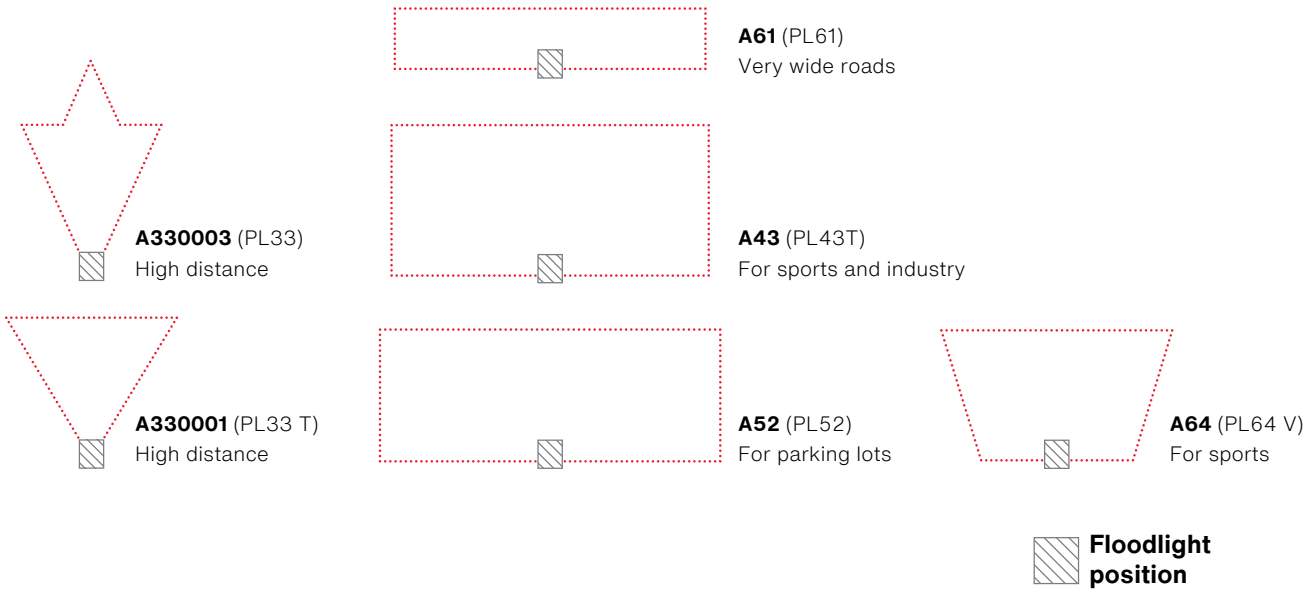


(Open) spaces & sports facilities.

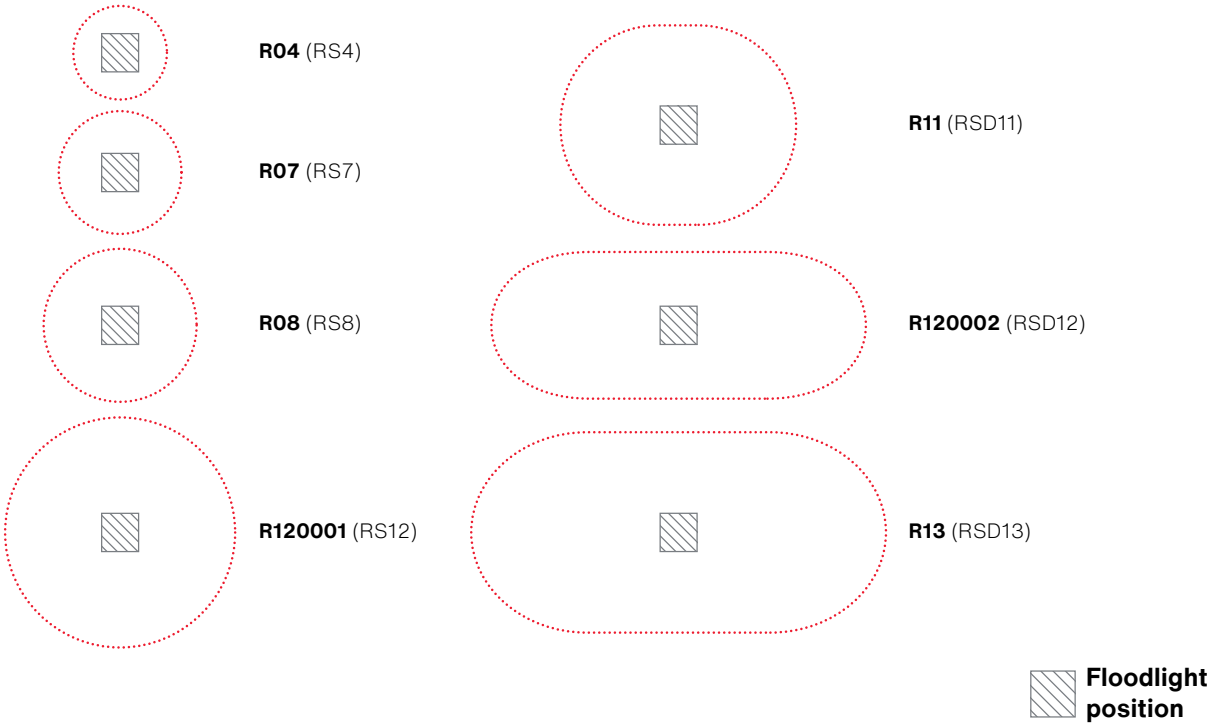
Whether stadium, skate park, or parking lot – our optics ensure clear, glare-free viewing conditions, offer maximum flexibility, and deliver brilliant HD images for professional sporting events.

- Optimal viewing conditions for sports & events
- Uniform illumination of large areas
- Powerful and precise

Overview of standard light distributions for area lighting.

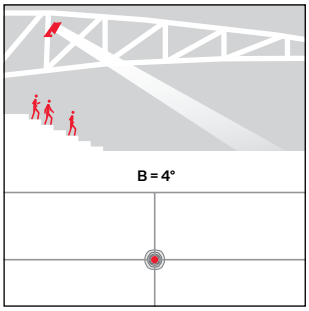


Overview of standard light distributions for stadium & sports field lighting.

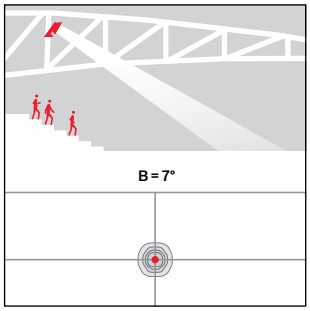


Portfolio.

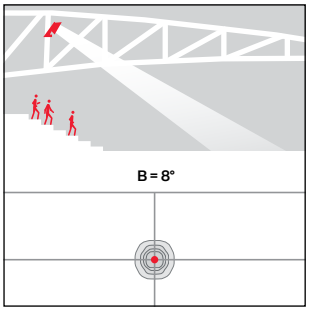
For stadiums



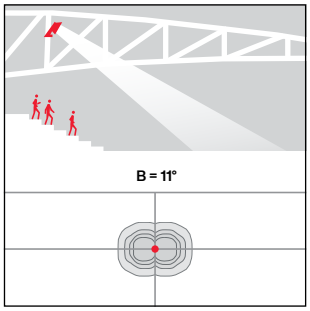
R04 (RS04) – Rotational symmetric, narrow bundling.



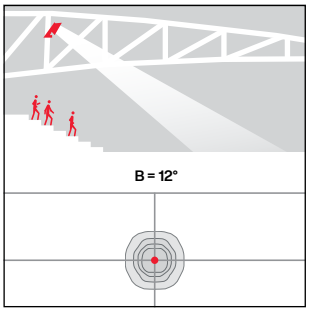
R07 (RS07) – Rotational symmetric bundling.



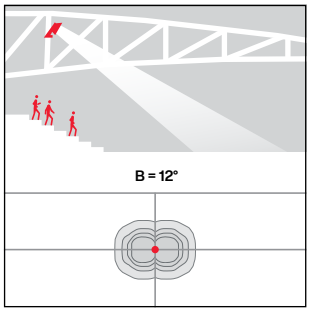
R08 (RS08) – Rotational symmetric bundling.



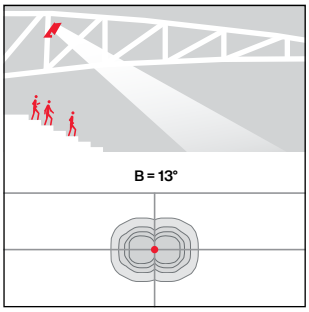
R11 (RSD11) – Symmetrical elliptical bundling.



RS120001 (RS12) – Rotational symmetric bundling.

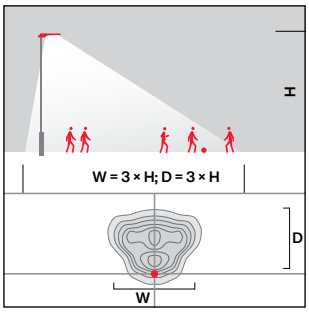


RS120002 (RSD12) – Symmetrical elliptical bundling.

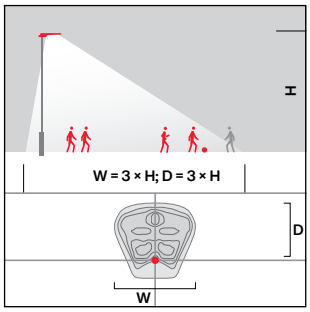


R13 (RSD13) – Symmetrical elliptical bundling.

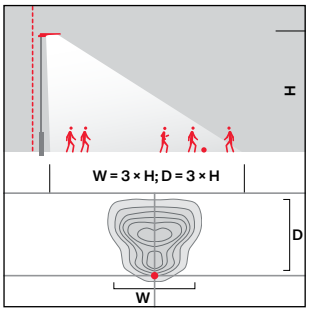
For sports fields



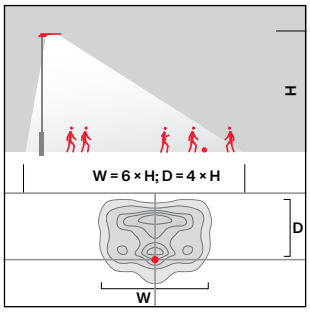
A330001 (PL33T) – Asymmetrical deep distribution.



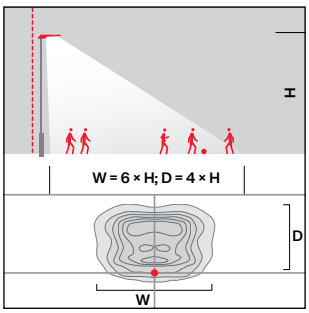
A330003 (PL33) – Asymmetrical deep distribution.



A33B (PL33TBLC) – Asymmetrical deep distribution.

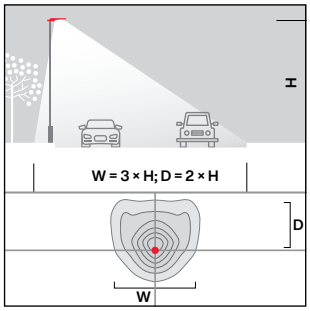


A64 (PL64) – Asymmetrical deep & wide distribution.

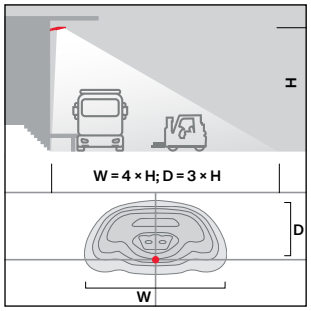


A64B (PL64BLC) – Asymmetrical deep & wide distribution. With backlight control shield (BLC).

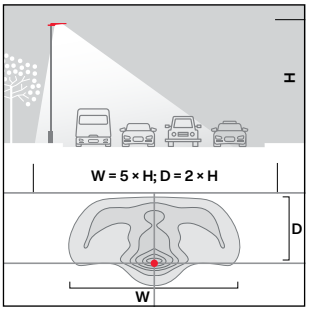
For parking lots, areas, and roads



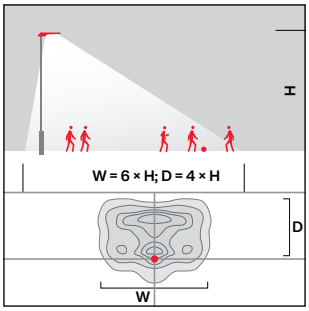
A32 (PL32) – Asymmetrical deep & wide distribution.



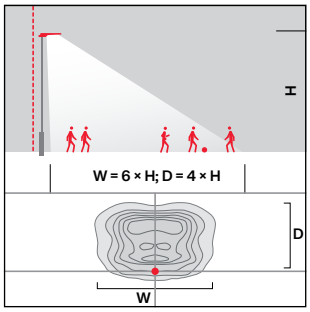
A43 (PL43) – Asymmetrical deep & wide distribution.



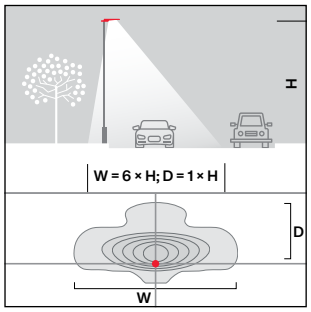
A52 (PL52) – Asymmetrical wide distribution.



A64 (PL64) – Asymmetrical deep & wide distribution.



A64B (PL64BLC) – Asymmetrical deep & wide distribution. With backlight control shield (BLC).



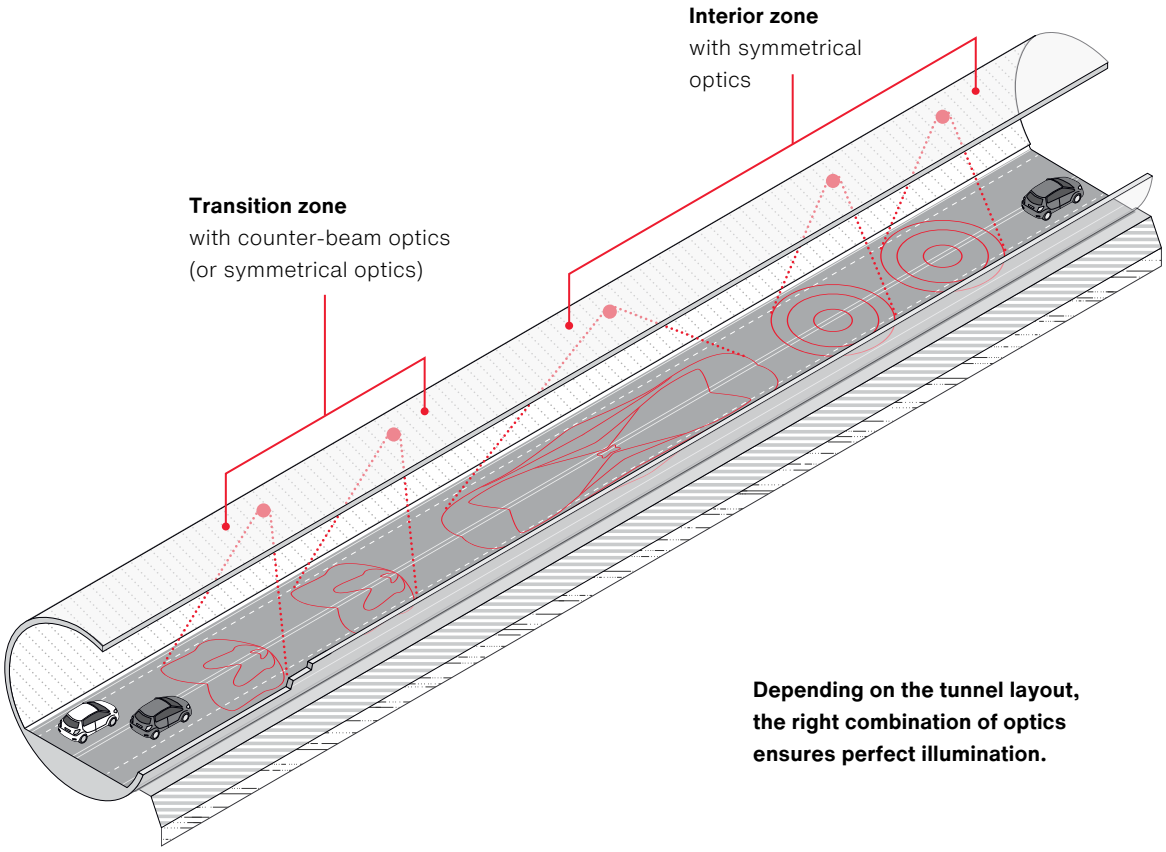
A61 (PL61) – Asymmetrical extremely wide distribution.

Tunnel.

Tunnel lighting must operate reliably around the clock – safely, efficiently, and in accordance with standards. Our optics ensure maximum visibility and high visual comfort. From entry to exit.

- Precise light distribution
- Uniform illumination
- Energy-efficient performance 24/7

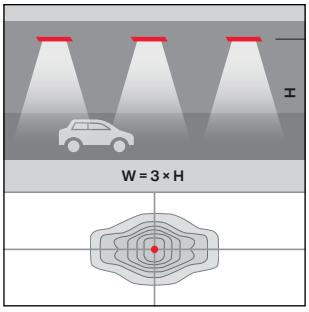
Overview tunnel lighting.



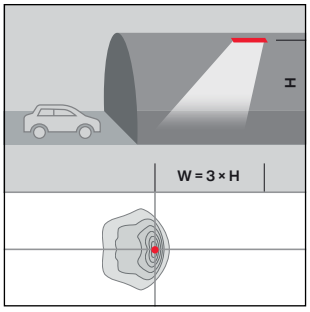
Depending on the tunnel layout, the right combination of optics ensures perfect illumination.

Portfolio.

For access zone and interior zone lighting



TLS (TL33S) – Symmetrical distribution.



TLC (TL33C) – Asymmetrical distribution, counter-beam optics.

LIGHTING TECHNOLOGY

Which optic fits your luminaire?

Learn more in our electronic product catalog.

View our outdoor lighting portfolio:

Standard road geometry or unique layout?

We have the perfect solution for every situation.

Get in touch:

A million possibilities. But only one that counts: Yours.

You set the requirements.
We provide the solution.
Get in touch.

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