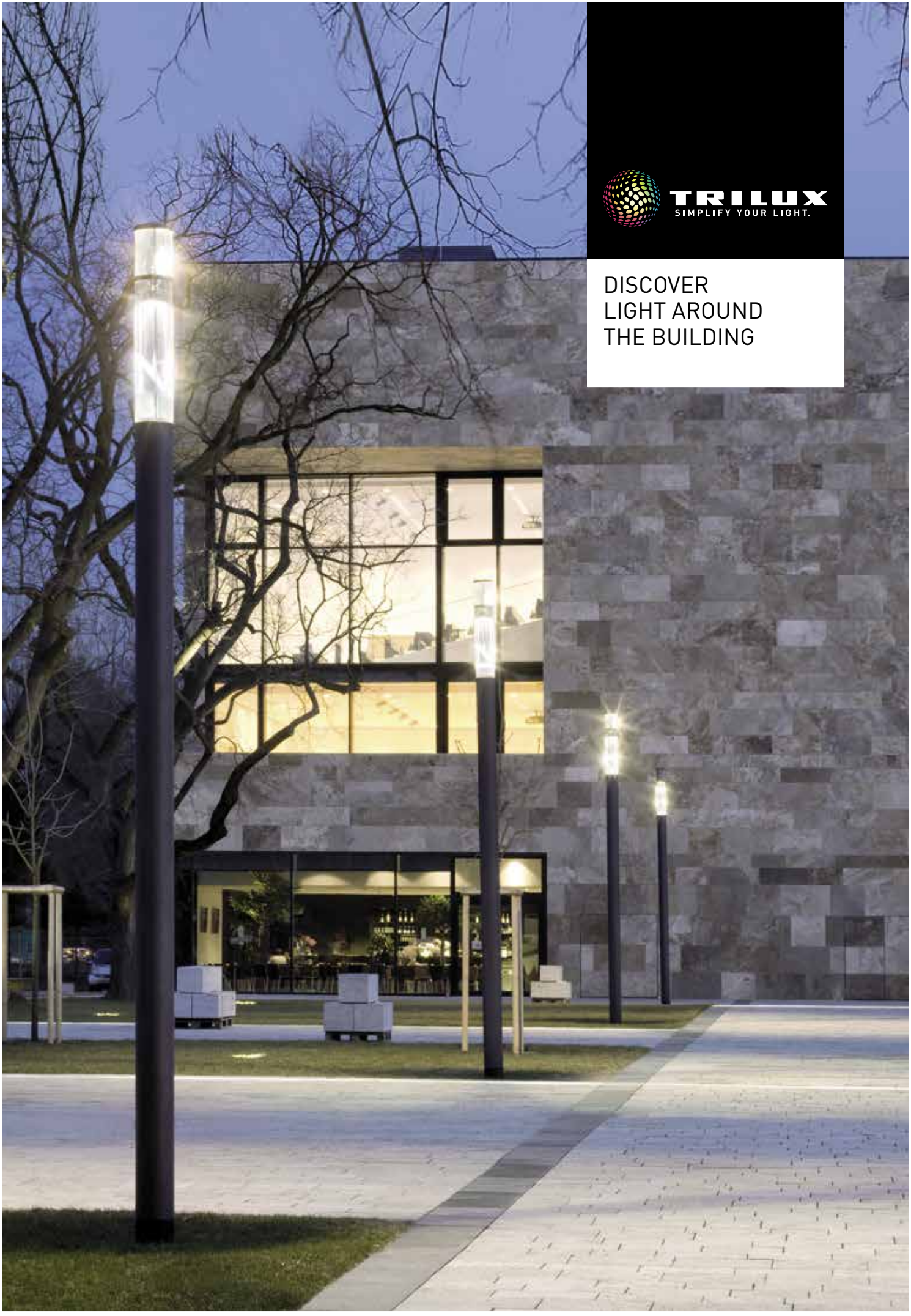
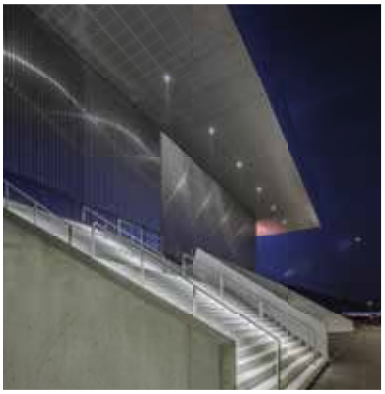
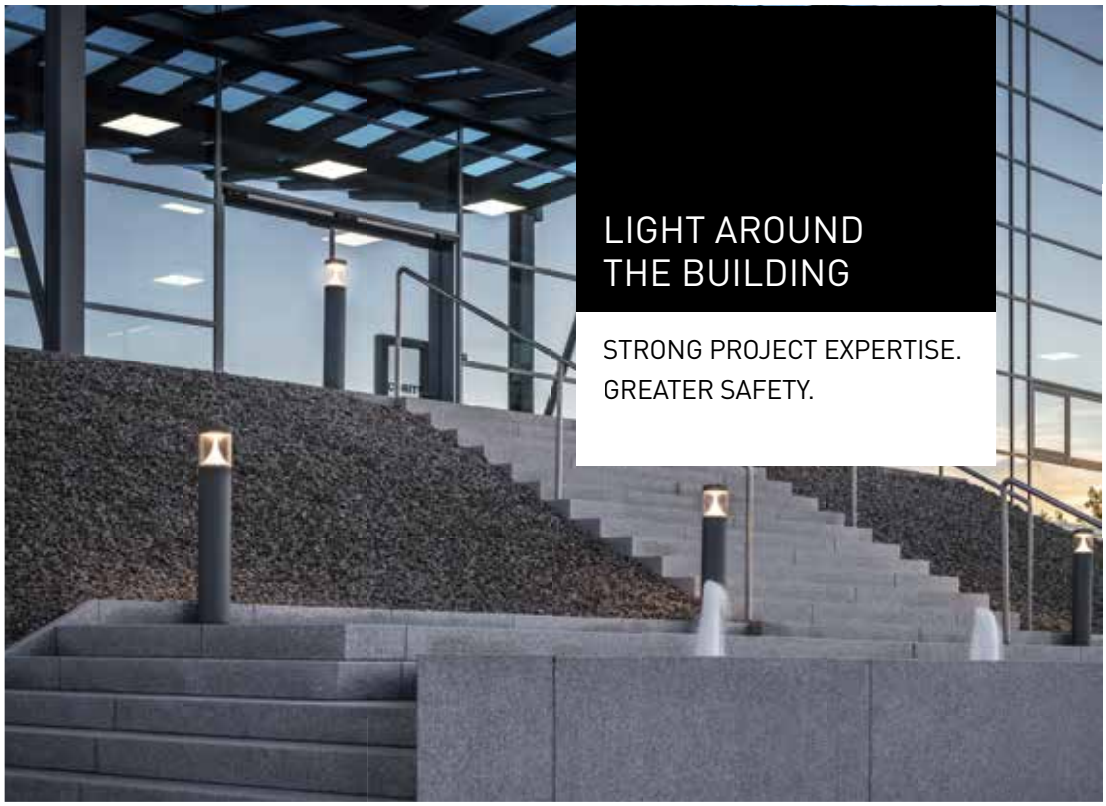


TRILUX
SIMPLIFY YOUR LIGHT.

# DISCOVER LIGHT AROUND THE BUILDING





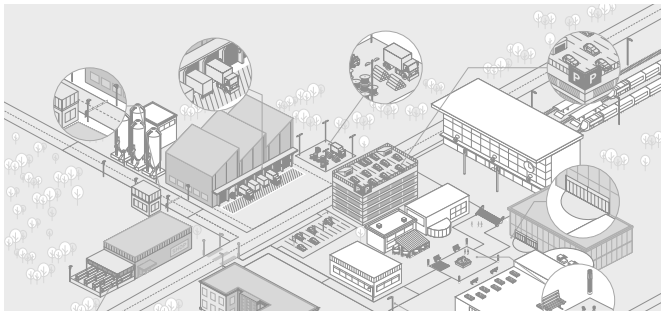
# LIGHT AROUND THE BUILDING

STRONG PROJECT EXPERTISE.
GREATER SAFETY.

Holistic lighting solutions integrate both the interior and exterior of a building because an ideally coordinated lighting concept extends through all areas. On the following pages we present you with our enhanced portfolio for light around the building – lighting solutions offering orientation and safety thanks to perfectly illuminated circulation zones and brightly lit car parks. Such lighting increases the appeal of buildings and their surroundings with use of sophisticated accents, thus creating an atmosphere of wellbeing, and with material qualities and efficiency also able to resist the extreme conditions of industrial outdoor areas. TRILUX lighting solutions also make an important contribution to the safety of buildings.

Whatever your requirements, we provide you with easy access to ideally coordinated, individual light. Custom-designed, future-compliant components and products are transformed into solutions from a single cast in terms of technology and design. With us as a partner you can look forward to optimum results because planning, technology and a product portfolio tailor-made for indoor and outdoor applications all come from a single source and are ideally matched. This is what we call SIMPLIFY YOUR LIGHT.

# CONTENT



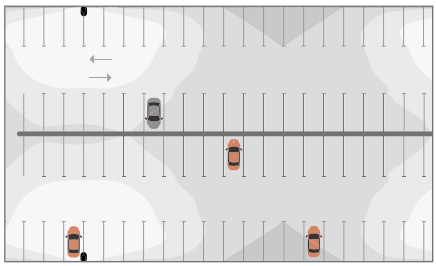





## PRODUCT PORTFOLIO

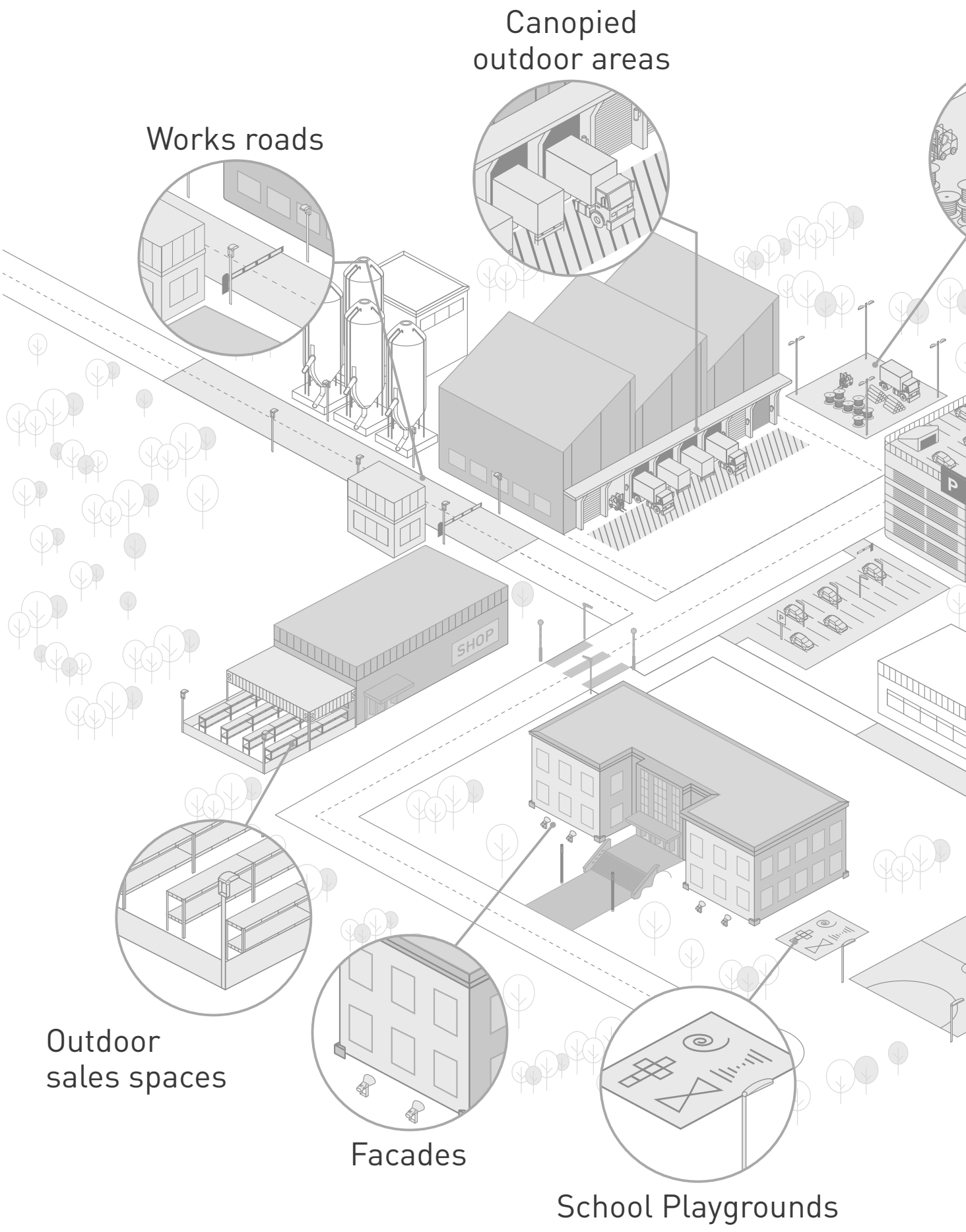


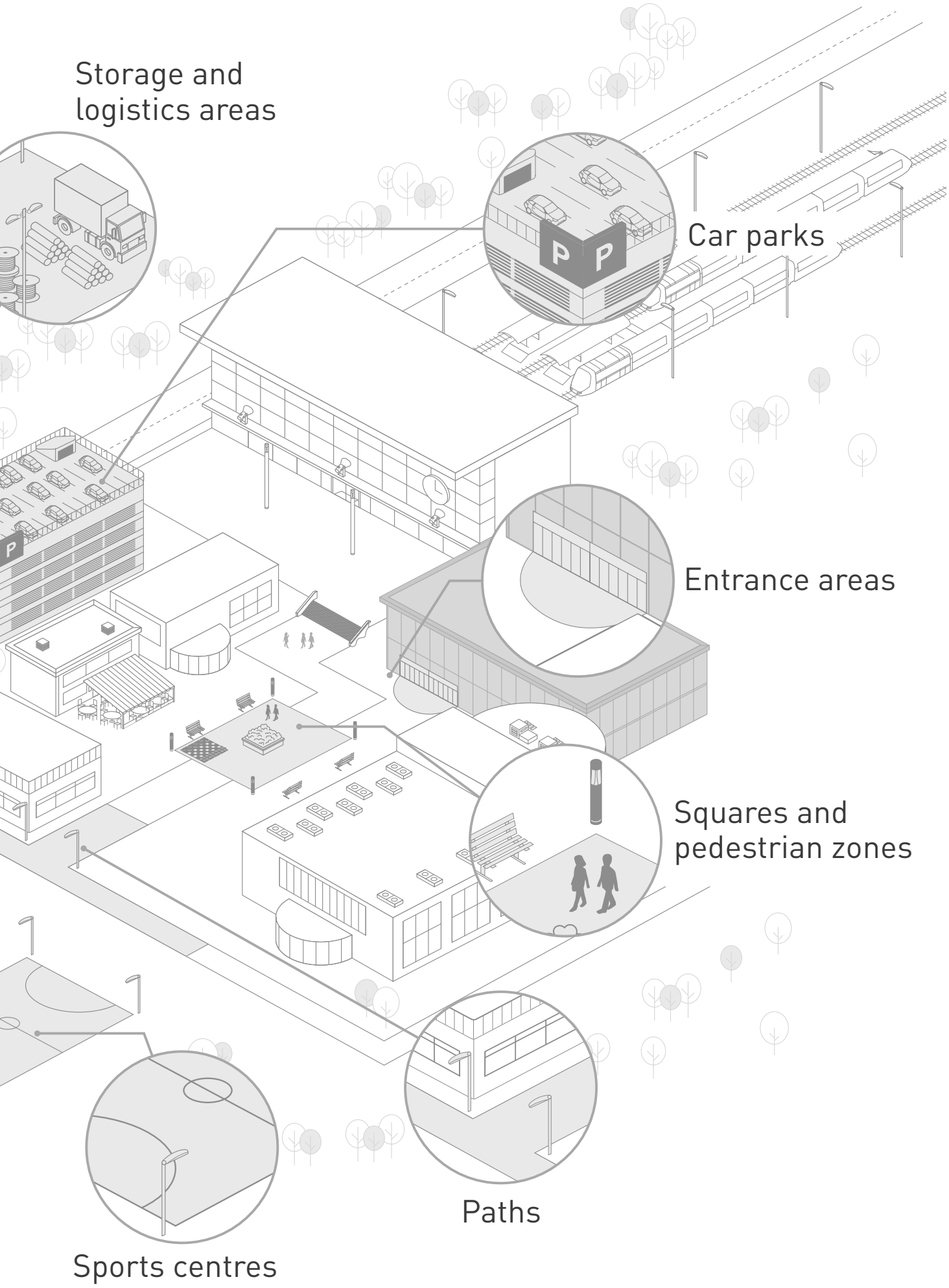









Canopied
outdoor areas
Works roads
SHOP
P
Outdoor
sales spaces
Facades
School Playgrounds


Storage and logistics areas
Car parks
Entrance areas
Squares and pedestrian zones
Paths
Sports centres

**The right solution for any application**
For many companies the external lighting of their corporate buildings serves as an extended business card. To this end, functional, aesthetic and emotional aspects are paramount. Primarily, areas around buildings must be illuminated to enable quick and reliable orientation for employees and visitors. Furthermore, the building architecture and its surroundings can be showcased in a sophisticated way by using individually adapted and homogeneous lighting concepts. With their modern and purist design, TRILUX LED solutions blend harmoniously into their surroundings while simultaneously providing attractive accents.

More information on office lighting is available at
**www.trilux.com/office**

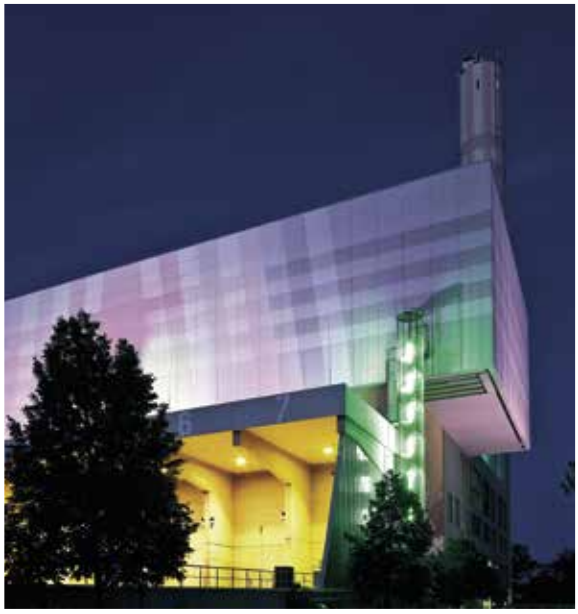
# OFFICE

**Our light is as tough as they come**

Biting cold, oppressive heat, driving rain or cutting winds – light in industrial outdoor areas must not only withstand adverse weather but also meet the extreme challenges of everyday operation. Incessant forklift truck and lorry traffic creates vibration; dirt and dust threaten to lodge into any gap or joint. Any light supposed to brave such surroundings has to withstand a lot – because only fail-safe light can fulfil its core task: ensuring safe working conditions for employees and suppliers. Despite all toughness, it goes without saying that we have not neglected system intelligence either. Efficient lighting technology, outstanding lifespans and simple maintenance help to keep a grip on costs.

More information on industrial lighting is available at **www.trilux.com/industry**


## INDUSTRY




EDUCATION

**Top of the class in lighting**

When it comes to not only improving learning conditions in schools but also achieving more safety and security in outdoor applications, TRILUX offers holistic solutions. Weather- and impact-resistant as well as shock-proof luminaires provide ideal visual conditions in playgrounds and sports fields and help to minimise the risk of injury. LED systems from TRILUX are the first choice: unbeatable in terms of energy efficiency, they also score with robustness and superior design. Whether for new constructions or refurbishments, the use of LED technology significantly reduces electricity costs and unburdens the environment. When planned and implemented correctly, they therefore lay the foundation for a new level of quality in schools and education. TRILUX provides optimisation support for any lighting situation through its extensive service and product portfolio.

More information on lighting in educational facilities is available at **www.trilux.com/education**

**How light stimulates purchases**

Light is magical. It has the power to attract, it touches our souls, it can create moods and it influences our behaviour. In the shop and retail sector, light is a decisive factor when it comes to displaying products appealingly – in the best possible light, so to speak – whether indoors or outdoors. TRILUX lighting solutions confidently display merchandise and create ideal conditions for both buyers and sellers. To enable impressive shopping experiences for customers, the outdoor lighting concept is also vital. When used correctly, variable lighting concepts can highlight prestigious buildings such as shopping centres, outlets and retail parks in an ideal way. TRILUX offers an extensive portfolio of customisable lighting solutions for such applications. Attractive wall luminaire, bollard and column solutions allow for holistic lighting projects with a uniform overall appearance.

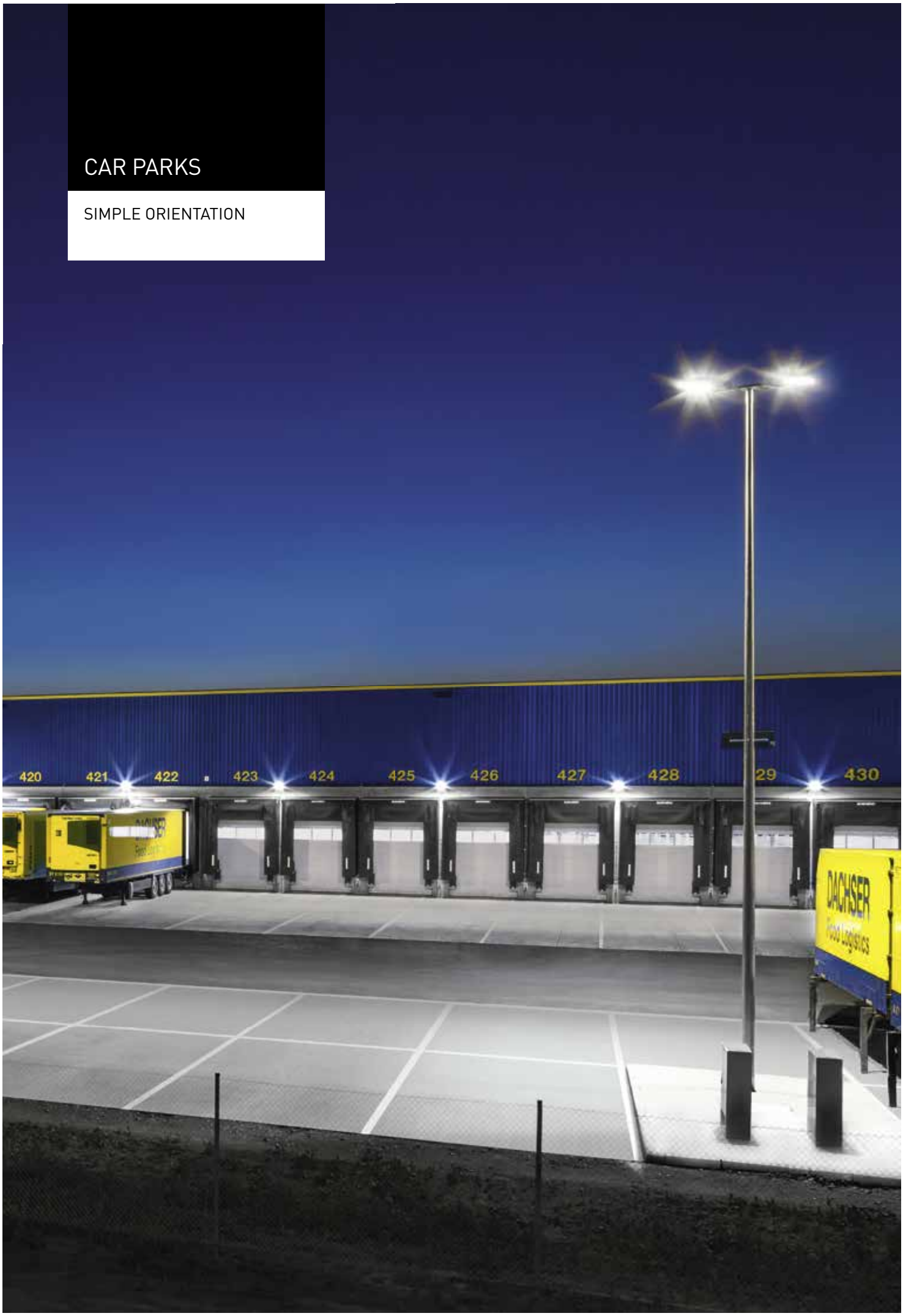
More information on shop & retail lighting is available at
**www.trilux.com/shop-retail**

## SHOP & RETAIL



# CAR PARKS

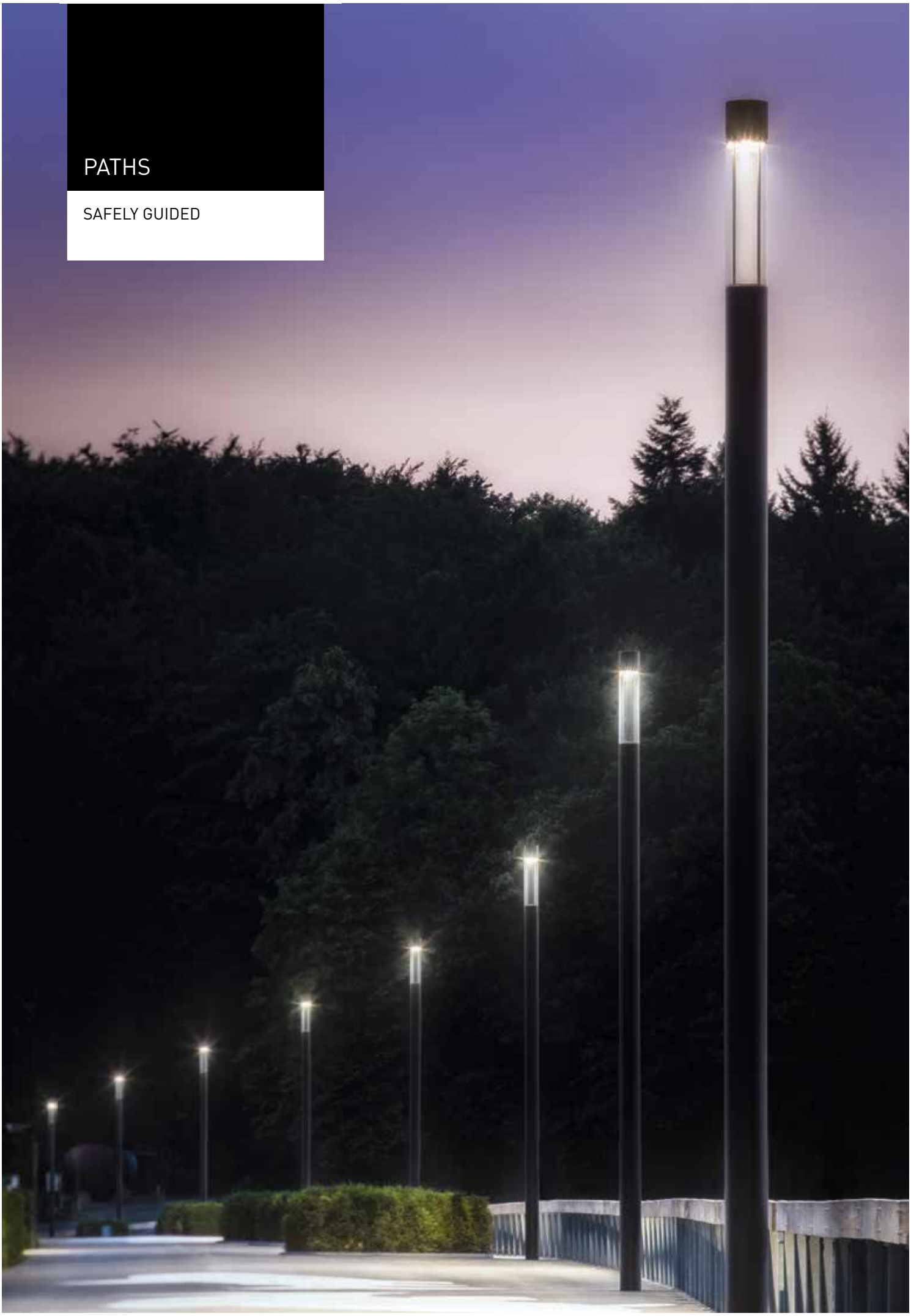
SIMPLE ORIENTATION



Safety and orientation are the top priority when illuminating car parks. Resistance to extreme weather conditions is also a must. It's here that TRILUX luminaires score points with innovative lighting technology, high quality of light and robust constructions. With their modern, purist designs they blend ideally into the surroundings and simultaneously set attractive accents. In this way both visitors and employees easily find their way around and gain a positive initial impression at the same time.

# PATHS

SAFELY GUIDED



Path lighting has the primary aim of safely and securely accompanying visitors and employees during hours of darkness. An elevated protection rating and good material quality are essential for resisting adverse weather conditions in the long run. Furthermore, luminaires should blend harmoniously into any architecture and complement outdoor concepts in terms of light, style and design. A task that TRILUX luminaires fulfil with distinction.

# FACADES

IDEALLY SHOWCASED

Outdoor lighting that serves to showcase, not only to illuminate. Whether it comes to accenting architectural details or highlighting complete buildings and objects – TRILUX facilitates contemporary facade illumination with a variety of products that effectively meet requirements strikingly, with high levels of energy efficiency. At the same time, visitors are provided with rapid and reliable orientation through the illumination of signage and entrance areas.

# ENTRANCE AREAS

A WARM WELCOME

There are various reasons for illuminating entrance areas leading to a company buildings. An attractively illuminated entrance zone not only points the way for visitors and employees, but also provides improved orientation and illuminates possible tripping hazards such as stairs, thereby increasing safety. With the right lighting, any entrance is transformed into a real eye-catcher and creates an inviting atmosphere.

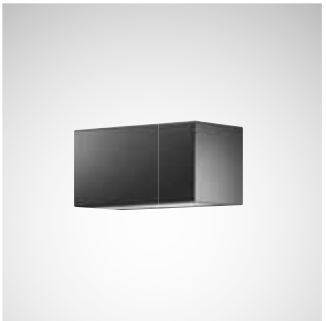
# CANOPIED OUTDOOR AREAS

EXTREMELY WELL-ILLUMINATED

Cold, heat, rain and wind: canopied outdoor areas demand lighting solutions that withstand extreme conditions. Additional factors that influence functionality are heavy machinery, running motors, dirt and vibration. Ideal lighting solutions for canopied outdoor areas must be tough and reliable, have a long service life and must withstand extreme challenges – perfect preconditions for TRILUX luminaires.

**Skeo Pura LED** Page 48

**Skeo R LED** Page 50



**Skeo Q LED** Page 52

**Altigo G2 LED** Page 54

**Lutera 90/100/200 C LED** Page 62

# WORKS ROADS

PRIORITY NO. 1: SAFETY


In the industrial sector the appropriate illumination of works roads is an important factor. This not only improves safety but also increases visual comfort to a great extent. TRILUX LED luminaires achieve simple orientation and improve accident prevention thanks to early detection of obstacles, which in turn facilitates work processes. And finally, they are precisely matched to their application area in terms of efficiency, durability and quality of materials.

**Lumena Star 40 LED** Page 66

**Lumena Star 70 LED** Page 68

**Lumega IQ 50/70/90 LED** Page 72

**ViaCon LED** Page 74

**Cuvia 40/60 LED** Page 76

**Ontria LED** Page 80

# STORAGE AND LOGISTICS AREAS

ROBUST IN ALL KINDS OF WEATHER

Illuminating outdoor storage facilities and distribution areas is a challenging task. It is a matter of guaranteeing optimum visual conditions at any time of the day and even in the most adverse weather conditions. People and vehicles must be able to move without danger, and be capable of swift orientation; labels and delivery notes should be detectable and legible at one glance. TRILUX lighting solutions feature high levels of functionality, efficient lighting technology and robust workmanship with elevated protection ratings and safety classes.

**Lumena Star 40 LED** Page 66

**Lumena Star 70 LED** Page 68

**Combial 20/30/40 LED** Page 70

**Lumega IQ 50/70/90 LED** Page 72

**ViaCon LED** Page 74

**Cuvia 40/60 LED** Page 76

**Ontria LED** Page 80

# OUTDOOR SALES SPACES

STIMULATING PURCHASES

Light is an important tool when it comes to orientation and accenting as well as showcasing buildings and objects. Outdoor sales areas are a particular challenge for lighting in this regard, because light not only has the task of supporting the work of employees but also to directly influences the customers' desire to buy. Modern and efficient TRILUX LED solutions showcase products in precisely the right light.

**Faciella LED** Page 64

**Lumena Star 40 LED** Page 66

**Lumena Star 70 LED** Page 68

**Combial 20/30/40 LED** Page 70

**Lumega IQ 50/70/90 LED** Page 72

# SCHOOL PLAYGROUNDS

LIGHT: A+

Reliable lighting solutions for school playgrounds ensure safety and orientation. It takes especially robust luminaires to not only resist adverse weather in the long run, but also to withstand knocks and kicks by children at play. TRILUX luminaires are the ideal solution for light around buildings. And what's more, they are compelling in terms of energy and cost efficiency, high quality of light and low-maintenance lighting technology.

**8841··· LED** Page 36

**8851··· LED** Page 38

**HS 80 LED** Page 40

**8841 LS LED** Page 42

**ConStela LED** Page 44

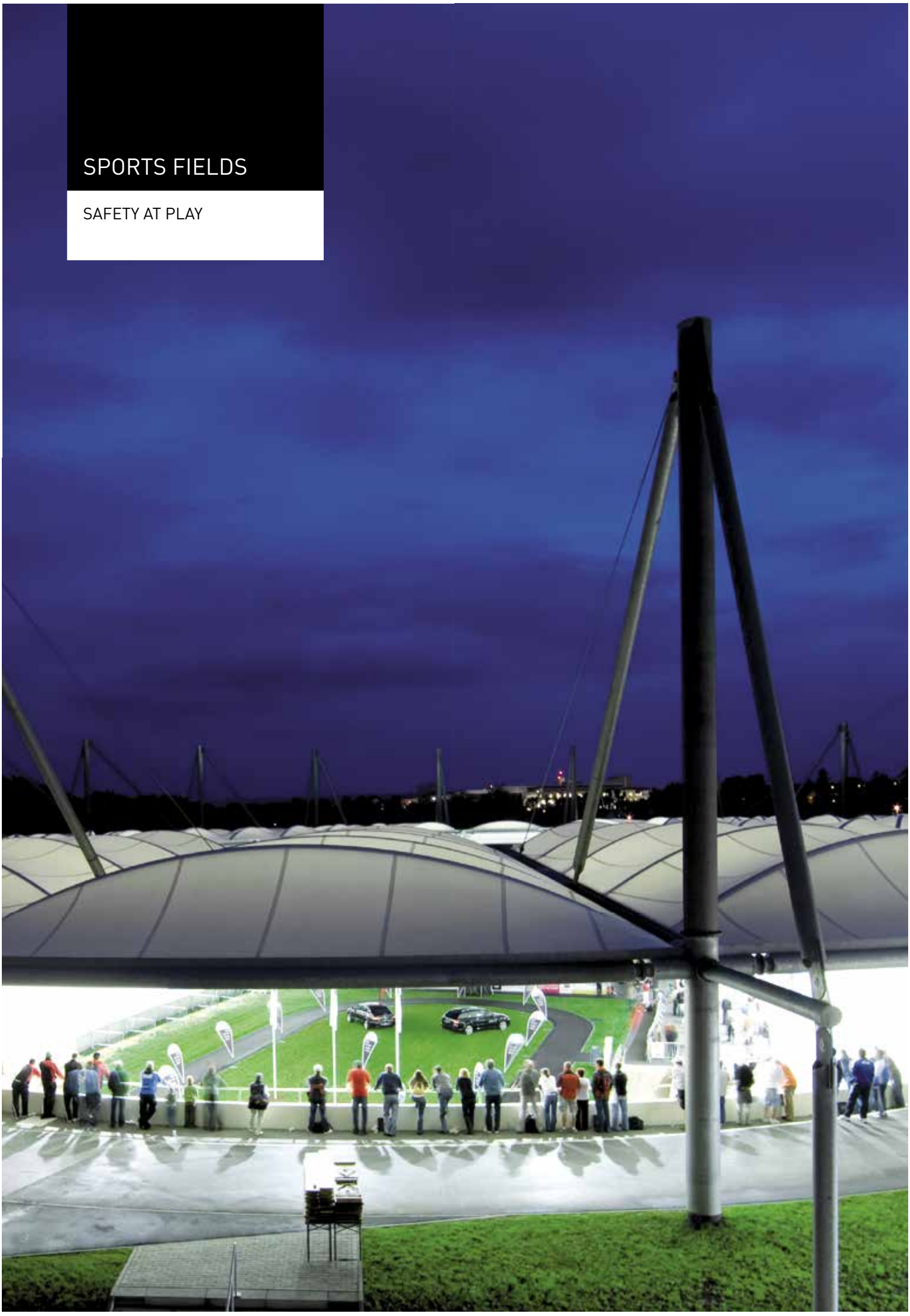
**Lumena Star 40 LED** Page 66

**Lumena Star 70 LED** Page 68

**Combial 20/30/40 LED** Page 70

# SPORTS FIELDS

SAFETY AT PLAY



The sports sector is no exception when it comes to the challenge of changing leisure habits, and artificial light is becoming ever more important in this regard. Competitions and training situations in various sports need ideal lighting conditions, even in rough conditions and all kinds of weather. TRILUX LED systems are compelling in terms of energy efficiency and robustness, and reliably provide ideal visual conditions.

**Lumena Star 40 LED** Page 66

**Lumena Star 70 LED** Page 68

# CAR PARKS AND PEDESTRIAN ZONES

LIGHT ATTRACTS PEOPLE

Attractively designed plazas and pedestrian zones promote economic activity, create atmospheres and thus lead to image improvements. Urban spaces can be redesigned with lighting solutions in fascinating ways, actively contributing to preventing crime. Be it day or night – TRILUX LED luminaires create a tremendous attraction for appreciated guests, while at the same time deterring those who are not welcome.

**Lutera 90/100/200 LED** Page 32

**Altigo G2 LED** Page 34

**8841 LS LED** Page 42

**ConStela LED** Page 44

# LUTERA
# 90/100/200 LED

GROUND-RECESSED
SPOTLIGHTS

Lutera 90: small design
Lutera 100: mid-sized design
Lutera 200: large design

Lutera 90: Lens technology 3 LED
Lutera 100: Lens technology 6 LED
Lutera 200: Lens technology 9 LED
Reflector technology 1COB-LED

- Rotationally symmetric narrow distribution (10 °)
- Rotationally symmetric medium-wide distribution (30 °)
- Rotationally symmetric wide distribution (50 °)

Lutera 90: 500 lm
Lutera 100: 1,000 lm
Lutera 200: 1,650 lm – 2,900 lm

K 3000 K 4000 K

> 100,000 hrs.

Accessories:
- Stainless steel cover plate, round
- Stainless steel cover plate, square
- Mounting housing, normal
- Mounting housing, extended
- RGB components

Air-tight sealed cable transition area prevents entering of moisture.

**08501 ET**

**08501 ETE**

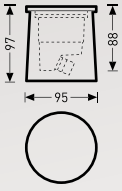
**08511 ET**

**08511 ETE**

**08520 ET**

Round and square stainless steel cover plate.

8501

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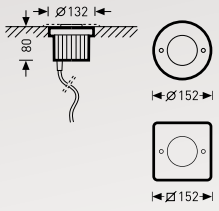


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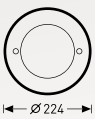
**08520PR**

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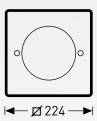


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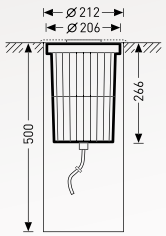
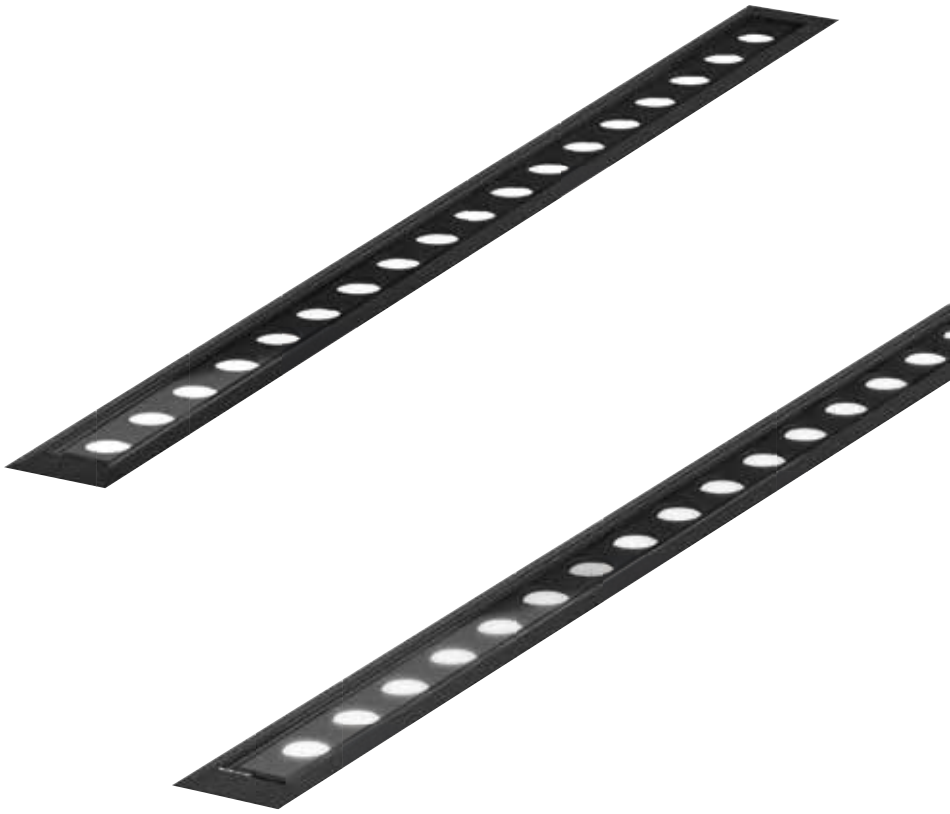



IP68 IK08, IK09, IK10

**www.trilux.com/lutera90**
**www.trilux.com/lutera100**
**www.trilux.com/lutera200**

# ALTIGO G2 LED

GROUND-RECESSED
LUMINAIRE



Altigo G2 WO (walk-over)
Altigo G2 WO 60: 9 LED
Altigo G2 WO 120: 18 LED

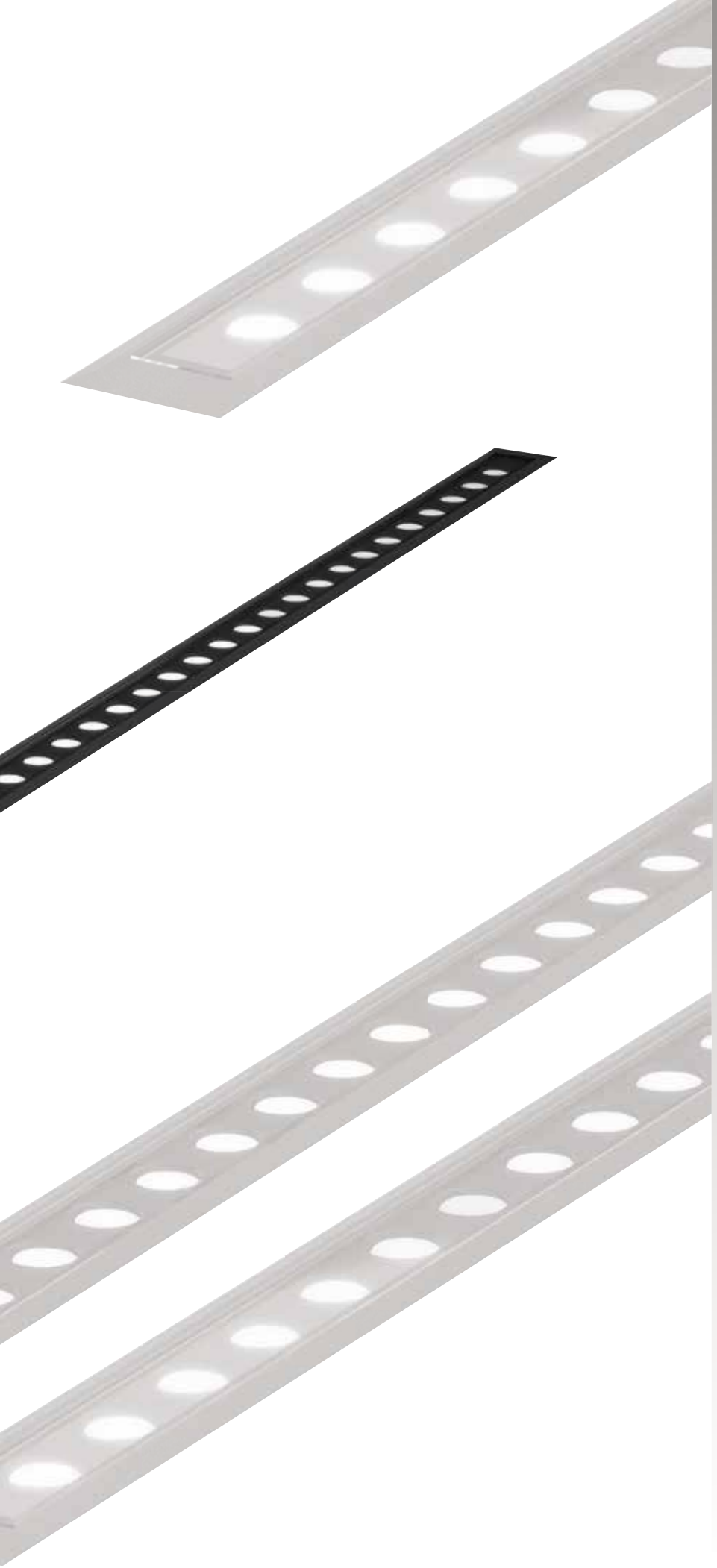
- Rotationally symmetric narrow distribution (10 °)
- Rotationally symmetric medium-wide distribution (30 °)
- Rotationally symmetric wide distribution (50 °)
- Asymmetric distribution

Altigo G2 WO 60: 2,000 lm
Altigo G2 WO 120: 4,000 lm

K 3000 K 4000 K

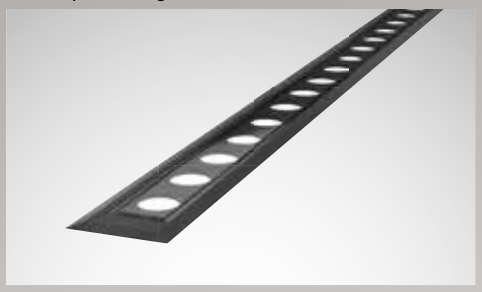
> 50,000 hrs.

Accessories:
- IP66 supply units
- Ground-recessing housing
- RGB components

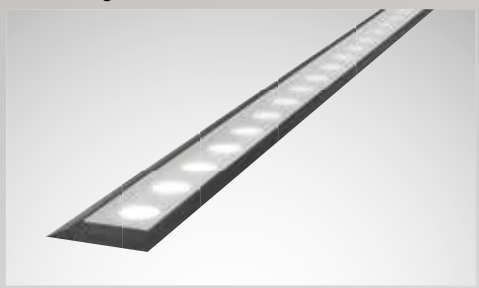


For greater light comfort, Altigo G2 is also available with frosted glass.

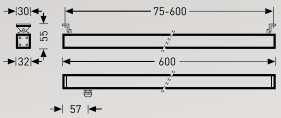
Transparent glass



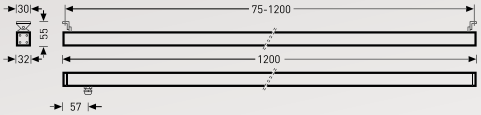
Frosted glass



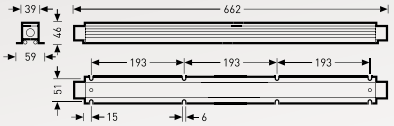
ALTIGO G2 60



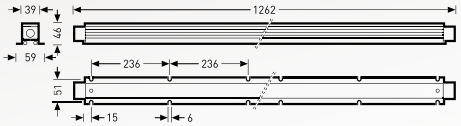

ALTIGO G2 120




ALTIGO G2 60 MOUNTING HOUSING




ALTIGO G2 120 MOUNTING HOUSING




IP67 IK10

www.trilux.com/altigo-g2

# 8841··· LED

BOLLARD LUMINAIRE

8841: Bollard luminaire
8841K: Short bollard luminaire
8841W: Wall luminaire

MLT[IQ]

- Asymmetric wide distribution: AB2L
- Rotationally symmetric wide distribution
- Further light distribution characteristics

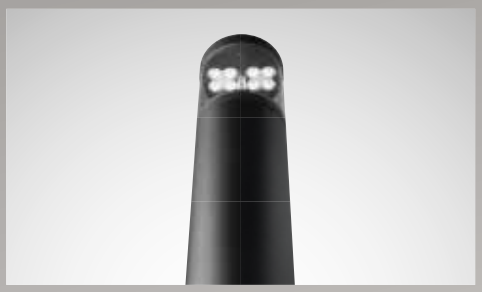
700 lm – 850 lm

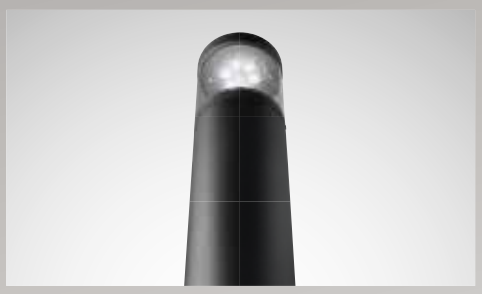
K 3000 K 4000 K

> 100,000 hrs.

Accessories:
- Underground support for vandalism protection

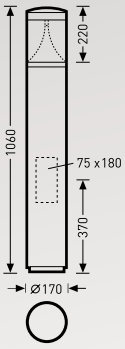
Two different beam characteristics – asymmetric wide and rotationally symmetric wide – are available for fulfilling the lighting task.





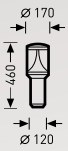
Also available as a wall luminaire.

8841




8841K


8841W




IP65

www.trilux.com/884

# 8851··· LED

BOLLARD LUMINAIRE

8851: Bollard luminaire
8851K: Short bollard luminaire
8851W: Wall luminaire

▪ open distribution

300 lm

K 3000 K 4000 K

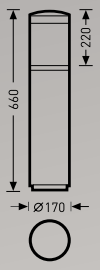
> 100,000 hrs.

Accessories:
▪ Underground support for vandalism protection

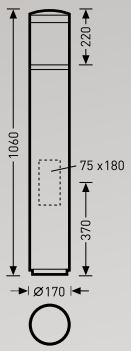


The bollard provides orientation and safety in the dark with an integrated design element.

8851K




8851

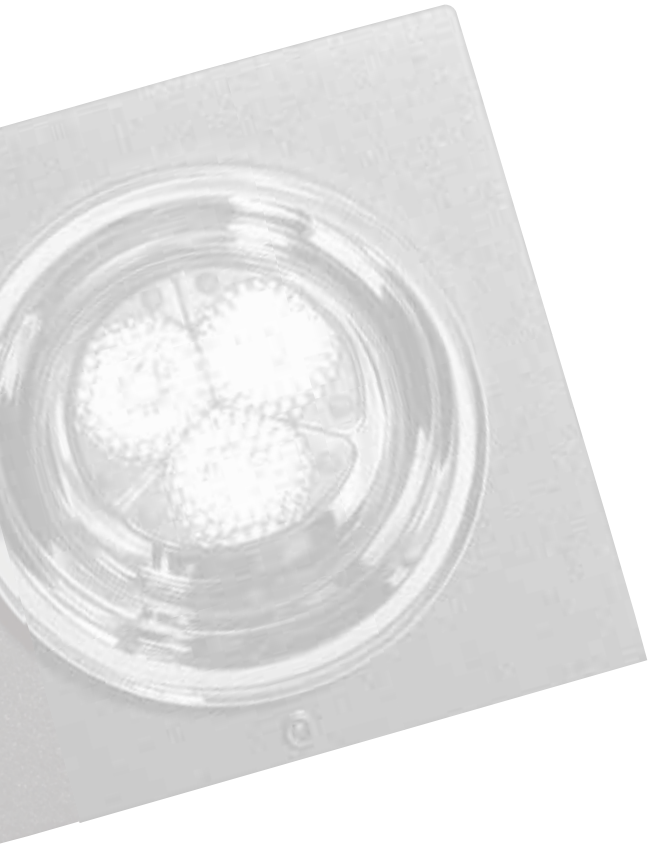



IP65

www.trilux.com/8851

# HS 80 LED

BOLLARD LUMINAIRE



Direct distribution lens system
- Rotationally symmetric medium wide distribution

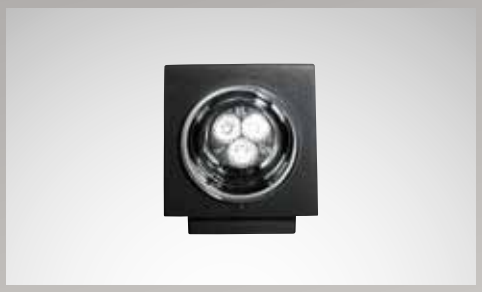
HS 80: 300 lm
HS 80 in twin configuration: 600 lm

K 3000 K 4000 K

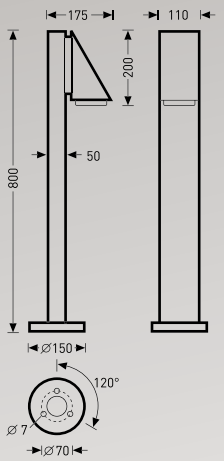
> 80,000 hrs.

Wide application spectrum

New, efficient LED modules



HS 80




IP54

**www.trilux.com/hs**

# 8841 LS LED

LIGHT COLUMN

8841 LS 260: Light column with light emission at 2.60 m
8841 LS 360: Light column with light emission at 3.60 m

MLT[IQ]

- Asymmetric wide distribution: AB2L
- Rotationally symmetric wide distribution: RB6L
- Further light distribution characteristics

&

- Power reduction (LR)
- Power reduction, self-regulated (LRA)
- Light management and sensor technology

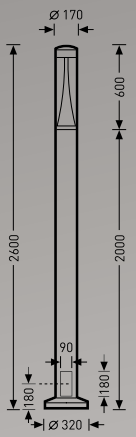
1,000 lm – 3,500 lm

K 3000 K 4000 K

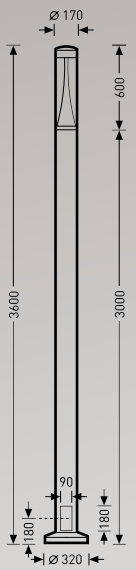
> 100,000 hrs.

Accessories:
- Fixing with baseplate or continuous underground support

8841 LS-260




8841 LS-360

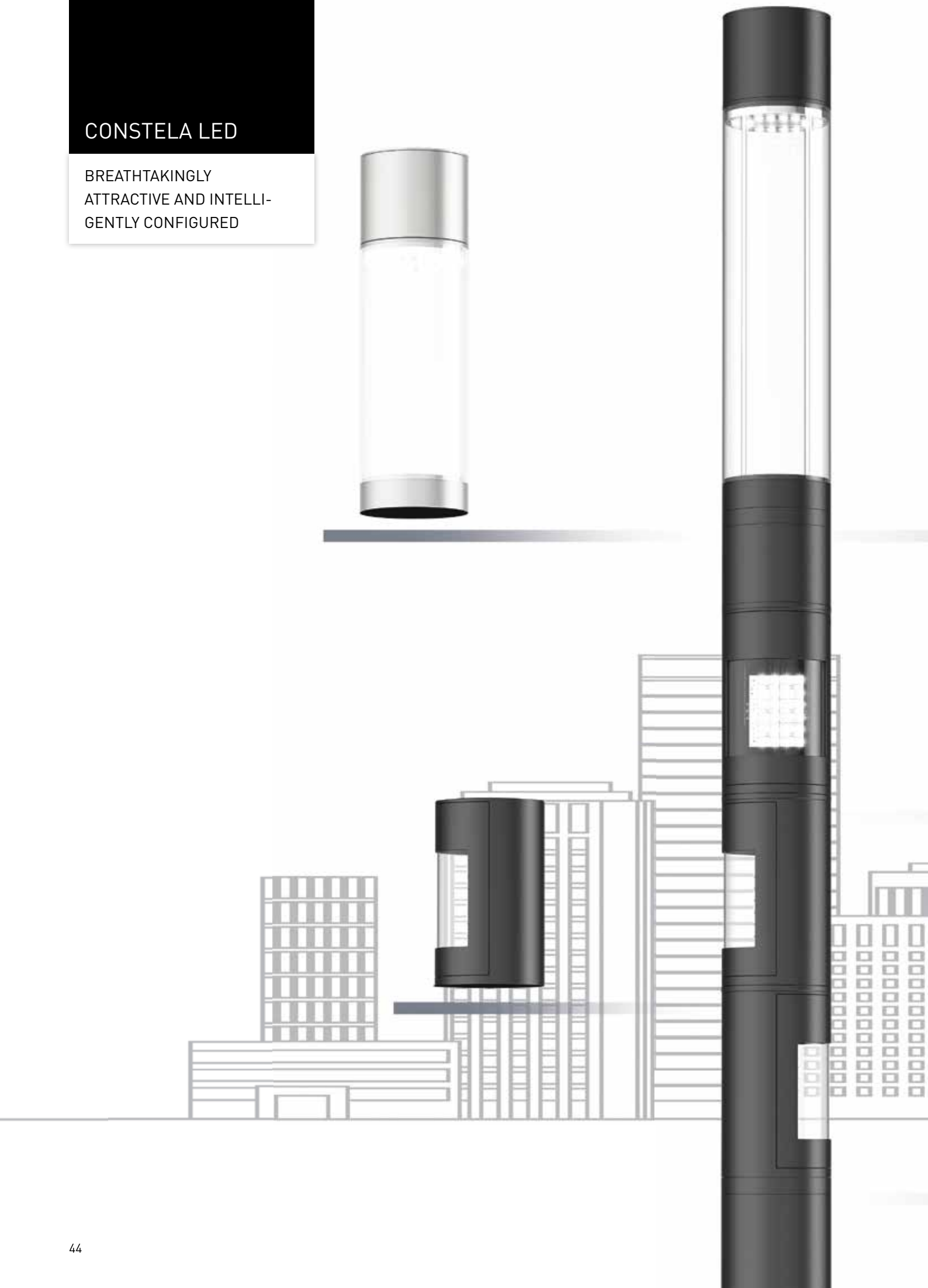


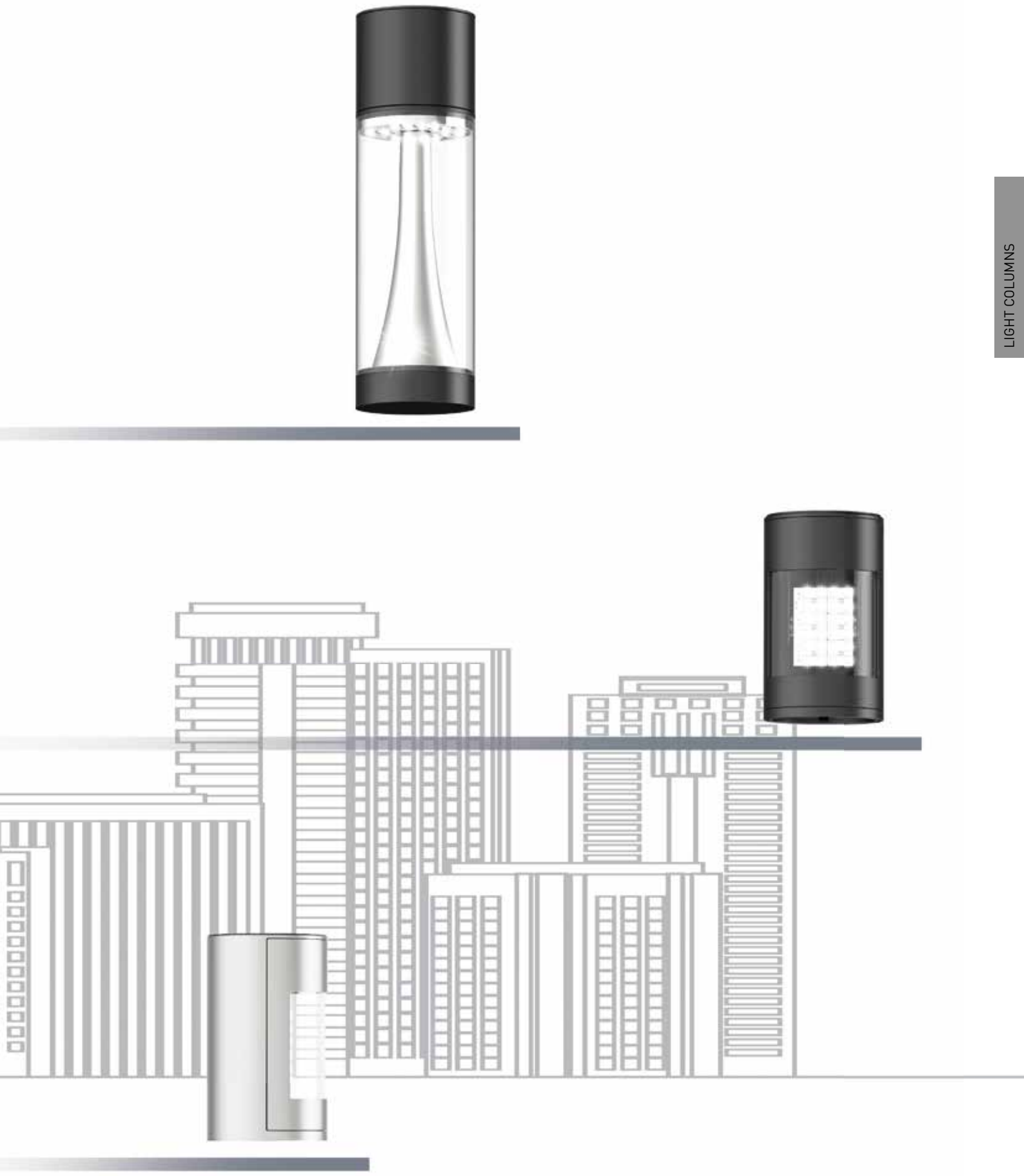

IP65

**www.trilux.com/8841ls**

# CONSTELA LED

BREATHTAKINGLY ATTRACTIVE AND INTELLIGENTLY CONFIGURED





# CONSTELA LED

MODULAR LIGHT COLUMN SYSTEM

ConStela CS 20: Ø 200 mm
ConStela CS 23: Ø 230 mm

MLT[IQ]

- Asymmetric wide distribution: AB2L
- Rotationally symmetric wide distribution: RB6L
- Further light distribution characteristics
- Spotlight modules:
  Rotationally symmetric narrow distribution: RE2L
  Rotationally symmetric wide distribution: RB4L

&

- Power reduction (LR)
- Power reduction, self-regulated (LRA)
- Light management and sensor technology

CS 20: 1,650 lm – 3,500 lm
CS 23: 2,600 lm – 5,600 lm
Spotlight modules:
CS 23 S-Mod: 2,000 lm – 5,100 lm

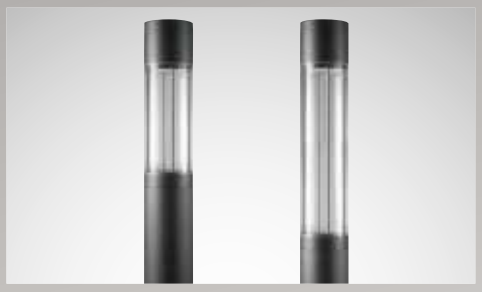
K 3000 K 4000 K

> 100,000 hrs.

Accessories:
- Spotlight modules for illuminating objects, buildings or facades
- Fixing of supporting column via underground support (E): 3 m – 5 m in 0.5 m increments
- Fixing via flange plate (FP):
  3 m – 6 m in 0.5 m increments

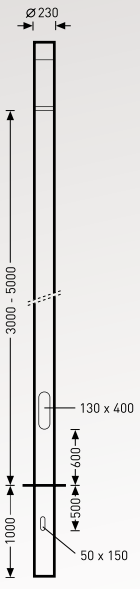
CS 20 EMPOR/CS 23 EMPOR

CS 20 BASIC 80/CS 20 BASIC 110
CS 23 BASIC 80/CS 23 BASIC 110

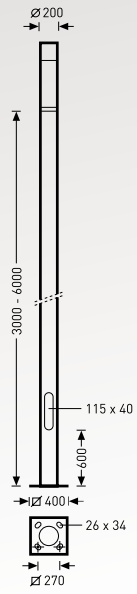


Up to three spotlight modules can be integrated into one light column to accent facades or objects out of the light column.

CONSTELA
CS23 ES




CONSTELA
CS20 FP




IP65

**www.trilux.com/constela**

# SKEO PURA LED

WALL AND CEILING
SURFACE-MOUNTED
LUMINAIRE

Skeo Pura 26: Small design
Skeo Pura 40: Large design

Rotationally symmetric wide distribution

Skeo Pura 26: 500 – 750 lm
Skeo Pura 40: 1,100 – 1,650 lm

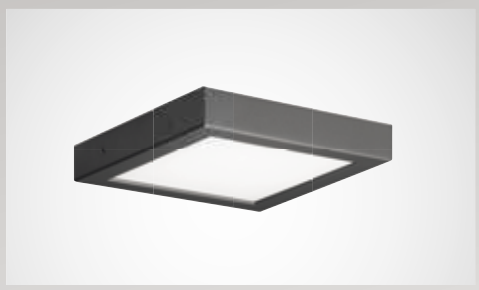
K 3000 K 4000 K

> 50,000 hrs.

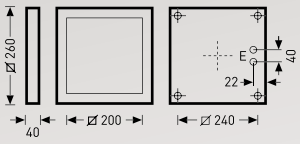
Available in two construction sizes.
The luminaire can be used both indoors and outdoors.

Flat design

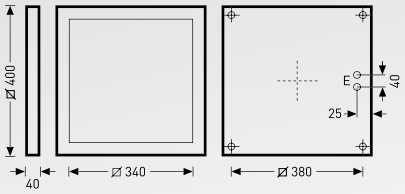
Surface-mounted on walls or ceilings



SKEO PURA 26




SKEO PURA 40




IP65 IK07

**www.trilux.com/skeopura**

# SKEO R LED

WALL AND CEILING
SURFACE-MOUNTED
LUMINAIRE

Skeo R D: Ceiling surface-mounted luminaire
Skeo R W: Wall surface-mounted luminaire

- symmetric distribution
- asymmetric distribution

- direct distribution:
  wide distribution

- direct/indirect distribution:
  wide distribution – wide distribution

- GS: Frosted glass
- GT: Transparent glass

600 lm – 3,000 lm

K 3000 K 4000 K

> 50,000 hrs.

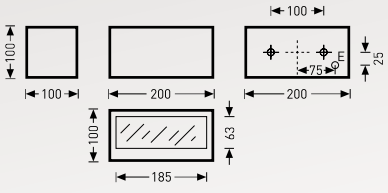
Transparent glass

Frosted glass

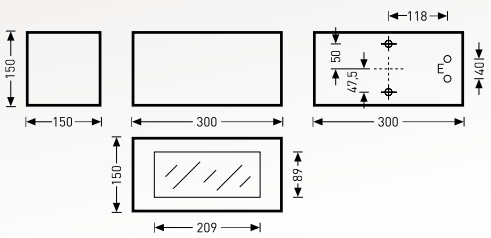
Direct distribution

Direct/indirect distribution

SKEO R W1




SKEO R W2




IP65 IK05

**www.trilux.com/skeor**

# SKEO Q LED

WALL AND CEILING
SURFACE-MOUNTED
LUMINAIRE

Skeo Q D: Ceiling surface-mounted luminaire
Skeo Q W: Wall surface-mounted luminaire

- rotationally symmetric distribution
- asymmetric distribution

- direct distribution:
  narrow distribution
  wide distribution

- direct/indirect distribution:
  narrow distribution – narrow distribution
  wide distribution – wide distribution
  narrow distribution – wide distribution

- GS: Frosted glass
- GT: Transparent glass

20 lm – 2,800 lm

K 3000 K 4000 K

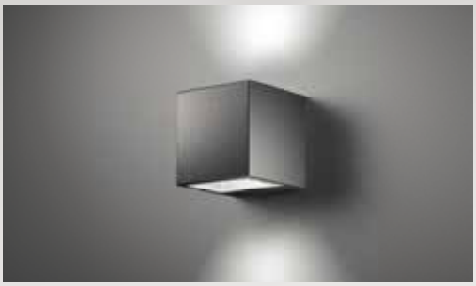
> 50,000 hrs.

Transparent glass

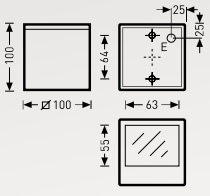
Frosted glass

Direct distribution

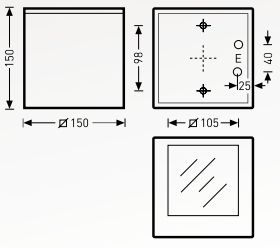
Direct/indirect distribution



SKEO Q W1




SKEO Q W2

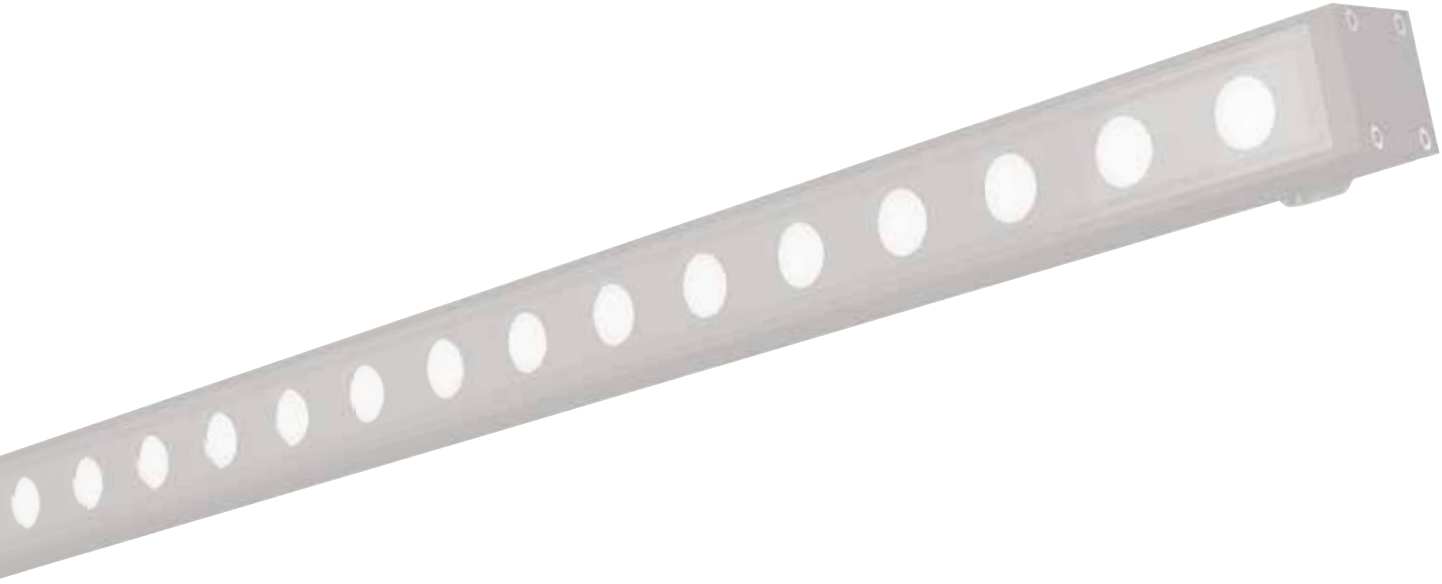



IP65 IK07

**www.trilux.com/skeoq**

# ALTIGO G2 LED

WALL SURFACE-MOUNTED LUMINAIRE / CEILING RECESSED LUMINAIRE



Altigo G2 10: length 10 cm
Altigo G2 30: length 30 cm
Altigo G2 60: length 60 cm
Altigo G2 90: length 90 cm
Altigo G2 120: length 1.20 m

- rotationally symmetric narrow distribution (10 °)
- rotationally symmetric medium-wide distribution (30 °)
- rotationally symmetric wide distribution (50 ° & 70 °)

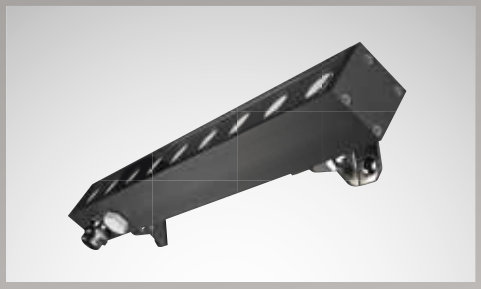
100 lm – 4,000 lm

K 3000 K 4000 K

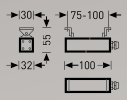
> 50,000 hrs.

Accessories:
- Supply units
- 50 mm wall fixing
- 100 mm wall fixing

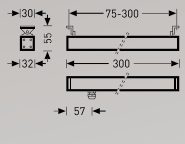
Two wall fixings (50 mm and 100 mm) are available as accessories for flexible distancing to the wall. Can also be used as a ceiling recessed luminaire.



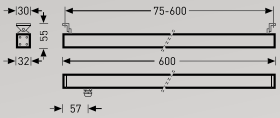
ALTIGO G2 10



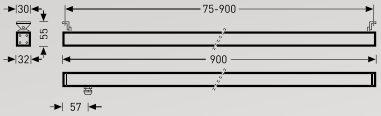

ALTIGO G2 30



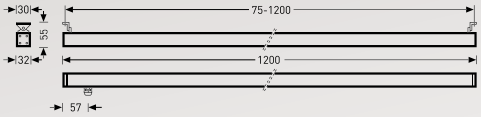

ALTIGO G2 60




ALTIGO G2 90




ALTIGO G2 120

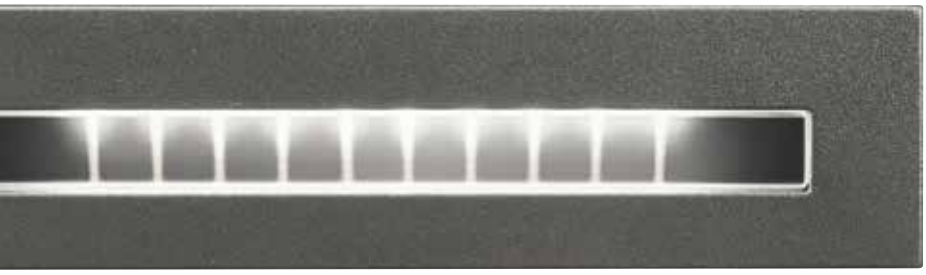


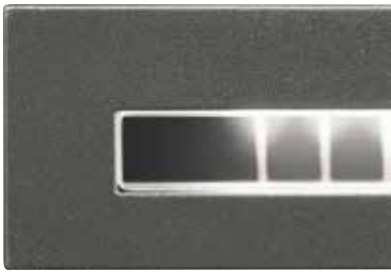

IP65 IK07

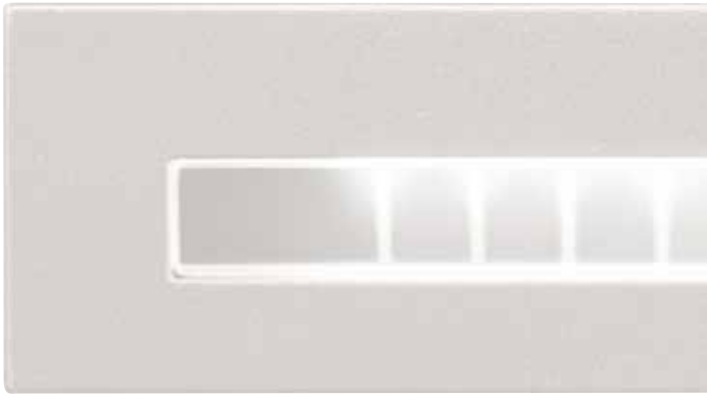
www.trilux.com/altigo-g2

# PAREDA SLIM LED

RECESSED WALL LUMINAIRE







▪ asymmetric wide distribution

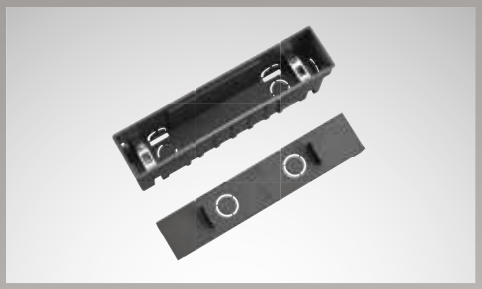
100 lm

K 3000 K 4000 K

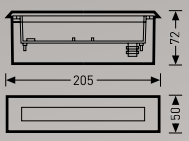
> 50,000 hrs.

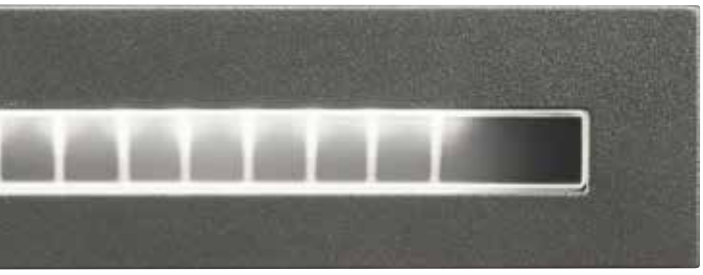
Accessories:
▪ Mounting housing

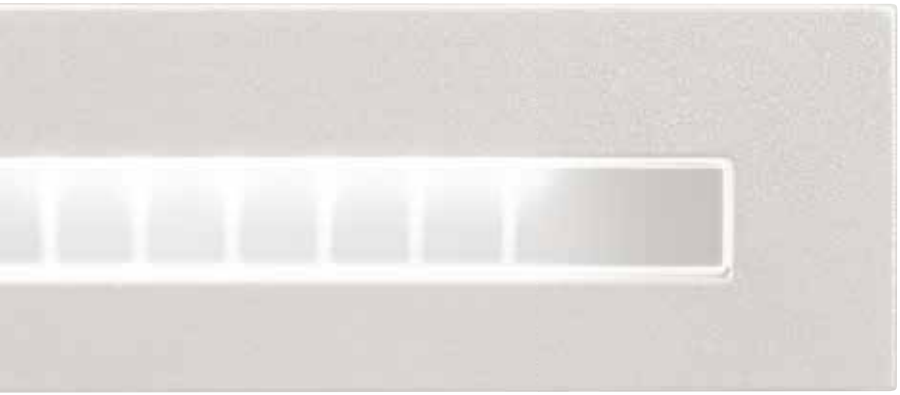
The extremely low recess depth of just 72 mm enables very convenient installation.



PAREDA SLIM



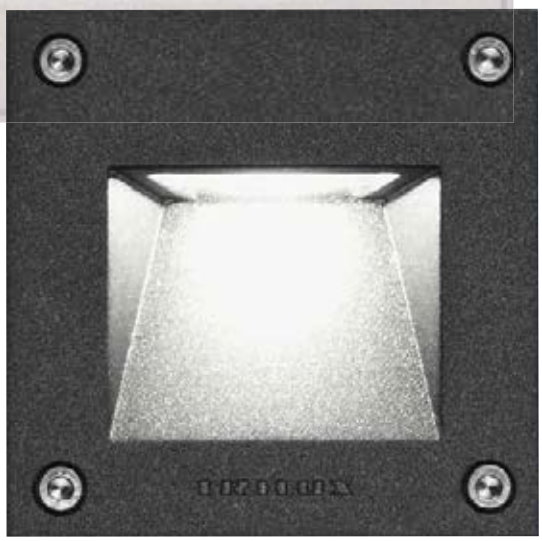


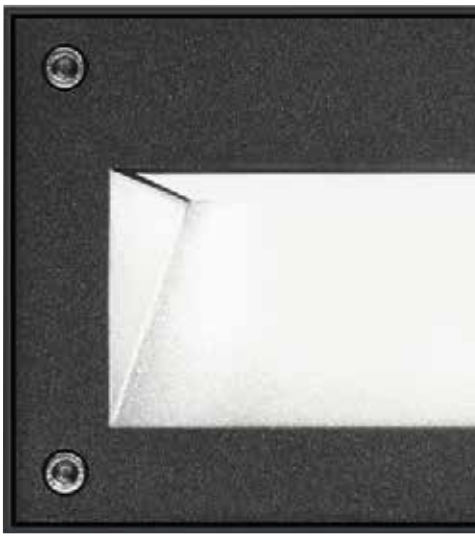
IP65 IK07

**www.trilux.com/pareda-slim-led**

# PAREDA LED

RECESSED WALL LUMINAIRE





Pareda R: rectangular design
Pareda S: square design

Direct distribution
▪ asymmetric distribution

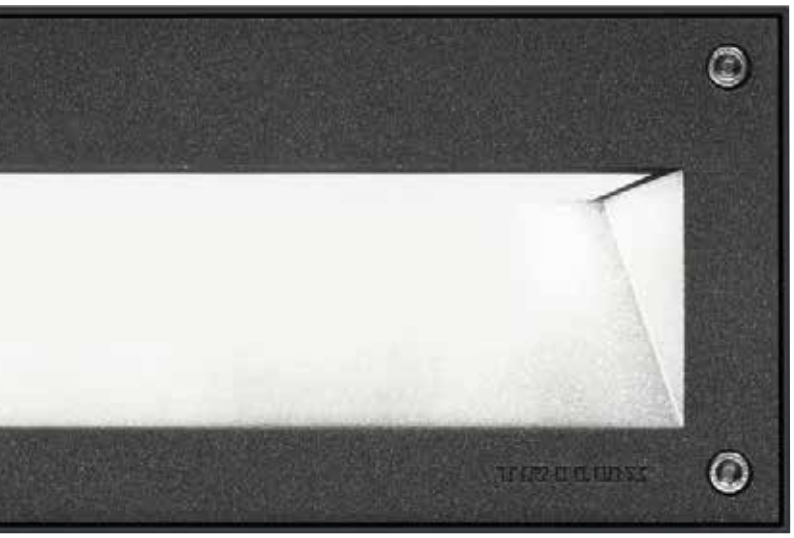
30 lm – 100 lm

3000 K

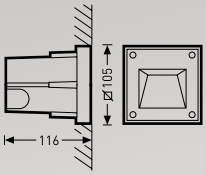
> 50,000 hrs.

The recessed wall luminaire with its discreet design blends harmoniously into any installation situation.

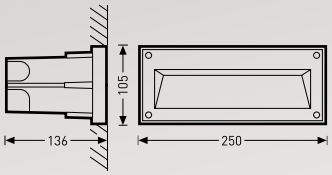
The version with raised frame is especially suitable for rough wall surfaces.

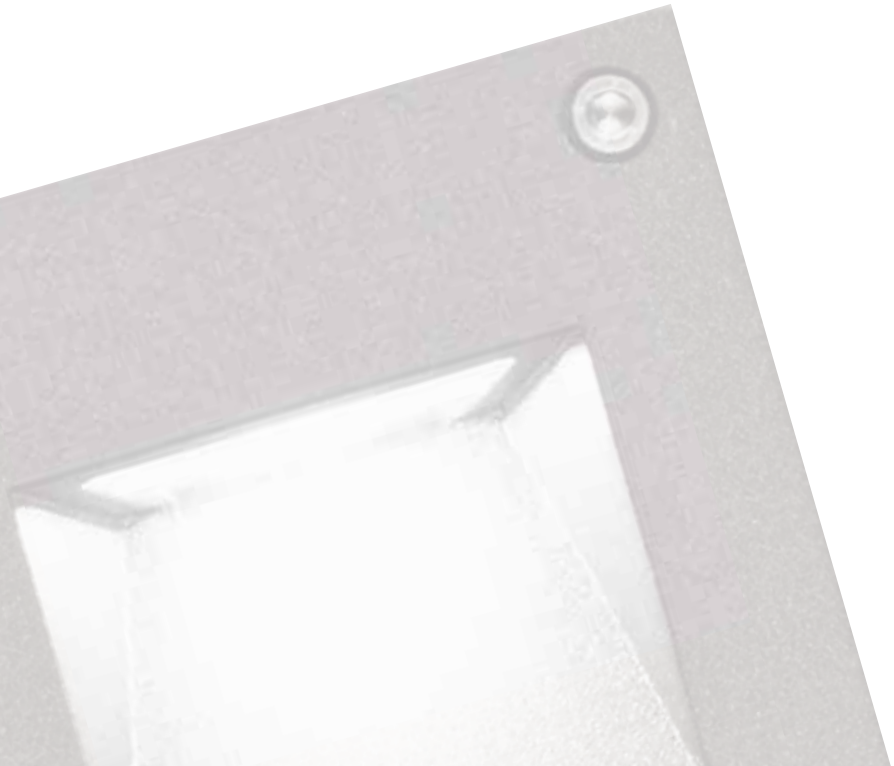


PAREDA S




PAREDA R



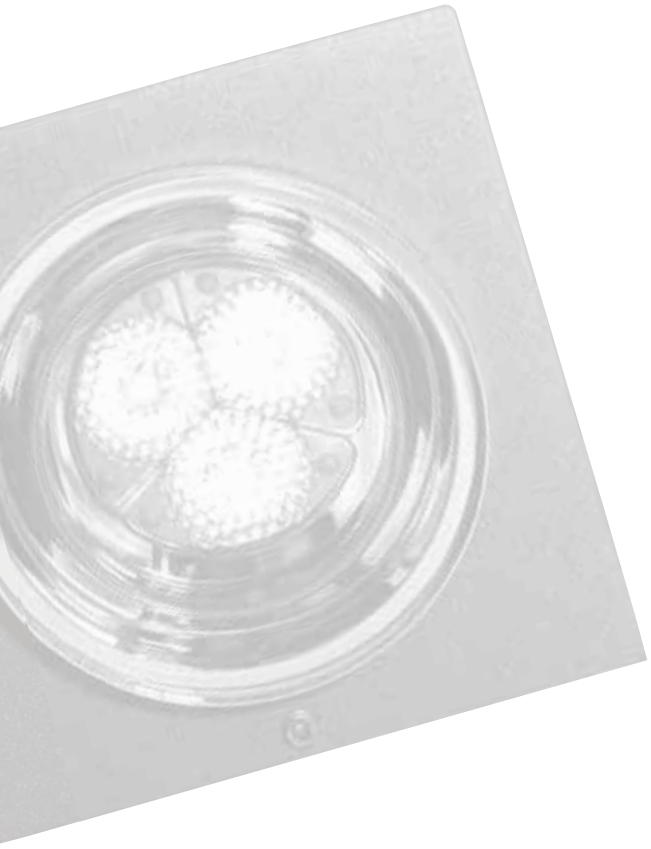



IP65

www.trilux.com/pareda

# HS I LED

WALL LUMINAIRE



Direct distribution lens system
▪ rotationally symmetric medium wide distribution

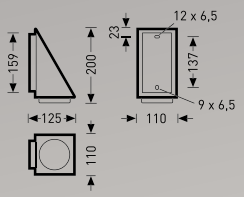
HS I: 300 lm

K 3000 K 4000 K

> 80,000 hrs.

Sharp edges and straight lines create an unmistakable form.

HS I






IP54

www.trilux.com/hs

# LUTERA
# 90/100/200 C LED

RECESSED CEILING
LUMINAIRE

Lutera 90 C: small design
Lutera 100 C: mid-sized design
Lutera 200 C: large design

- rotationally symmetric medium wide distribution
- rotationally symmetric wide distribution
- asymmetric distribution

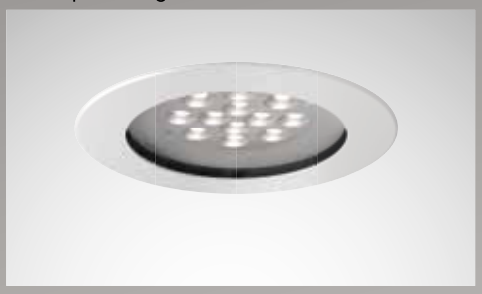
Lutera 90 C: 500 lm
Lutera 100 C: 1,000 lm
Lutera 200 C: 1,500 lm

K 3000 K 4000 K

> 50,000 hrs.

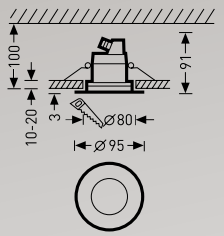
Accessories:
- Frosted glass

Transparent glass

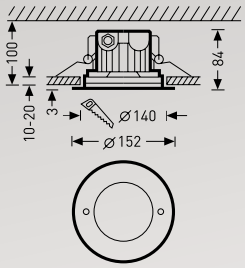


Frosted glass

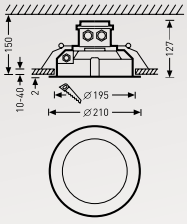
LUTERA 90 C




LUTERA 100 C




LUTERA 200 C




IP68 IK08, IK10

**www.trilux.com/lutera-c**

# FACIELLA LED

SPOTLIGHTS

Faciella 08: small design
Faciella 15: mid-sized design
Faciella 20: large design

Faciella 08: Lens technology – 3 LED
Faciella 15: Lens technology – 6 LED or 9 LED
Faciella 20: Lens technology – 18 LED
Reflector technology – 1COB-LED

- rotationally symmetric narrow distribution (10 °)
- rotationally symmetric medium-wide distribution (30 °)
- rotationally symmetric wide distribution (50 °)

Faciella 08: 500 lm
Faciella 15: 1,000 lm – 2,000 lm
Faciella 20: 2,600 lm – 4,200 lm

K 3000 K 4000 K

> 100,000 hrs.

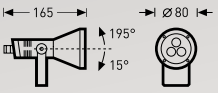
Accessories:
- Post strap
- Post mounting
- Ground stake
- RGB components
- Cylinder shield (ZZB)
- Ribbed glass (ZRG)
- Frosted glass (ZFM)

Settable inclination angle.

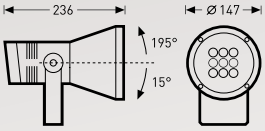
Low installation effort – luminaire supplied with 5-metre connection cable.

Faciella with post strap or ground stake.

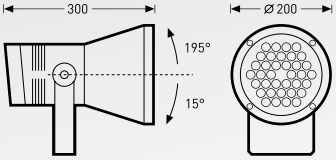
Faciella 08




Faciella 15




Faciella 20




IP65 IK06

**www.trilux.com/faciella**

# LUMENA STAR 40 LED

WIDE BEAM SPOTLIGHTS

MLT[IQ]

- rotationally symmetric wide distribution: RB6L
- asymmetric medium-wide distribution: AM2L

&

- Power reduction (LR)
- Power reduction, self-regulated (LRA)
- Light management and sensor technology

Lumena Star 40: 2,200 lm – 10,000 lm

K 3000 K 4000 K

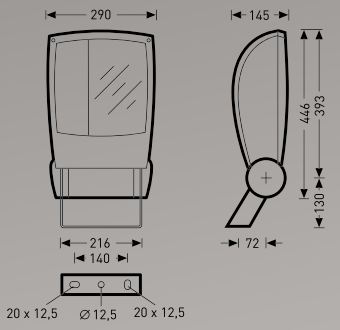
> 100,000 hrs.

Pivotable luminaire head

Accessories:
- Traverses single configuration
- Traverses twin configuration 90°/180°
- Traverses 3-fold configuration
- Traverses 4-fold configuration

- For 76/89/108 mm post spigot

## LnStar 40




IP66

**www.trilux.com//lumenastar40**

# LUMENA STAR 70 LED

WIDE BEAM SPOTLIGHTS

- Lumena Star 70: indirect reflector system
- Lumena Star 70: asymmetric medium-wide distribution: AM1R
- Further light distribution characteristics

&

- Power reduction (LR)
- Power reduction, self-regulated (LRA)
- Light management and sensor technology

Lumena Star 70: 8,200 lm – 32,000 lm

K 3000 K 4000 K ≥ 5000 K

> 60,000 hrs.

Pivotable luminaire head

Accessories:
- Traverses single configuration
- Traverses twin configuration 90°/180°
- Traverses 3-fold configuration
- Traverses 4-fold configuration

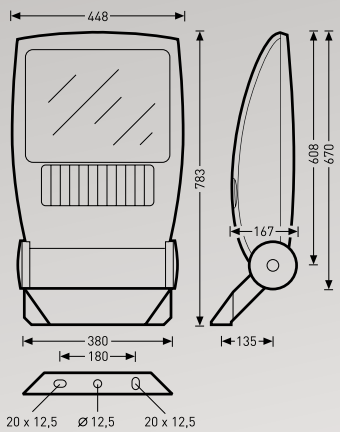
- For 76/89/108 mm post spigot



Optimum heat dissipation ensures long service life.

Indirect LED reflector system reduces impression of glare.

LnStar 70




IP66

**www.trilux.com//lumenastar70**

# COMBIAL 20/30/40 LED

SPOTLIGHTS



- rotationally symmetric wide distribution

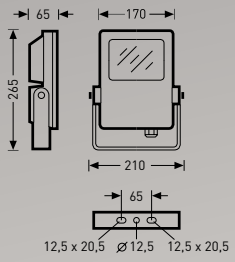
Combial 20: 3,500 lm/4,600 lm
Combial 30: 7,500 lm
Combial 40: 12,000 lm

K 3000 K 4000 K

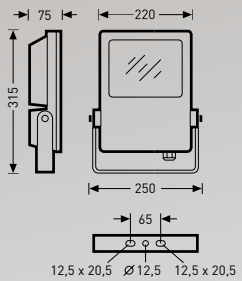
> 50,000 hrs.

Flexible setting of spotlight inclination on location.

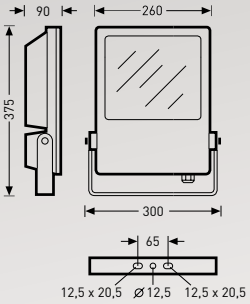
## COMBIAL 20




## COMBIAL 30




## COMBIAL 40




IP65

**www.trilux.com/combial20**
**www.trilux.com/combial30**
**www.trilux.com/combial40**

# LUMEGA IQ 50/70/90 LED

POST-TOP AND BRACKET-MOUNTED LUMINAIRE

Lumega IQ 50: small design
Lumega IQ 70: mid-sized design
Lumega IQ 90: large design

MLT[IQ]

- asymmetric wide distribution
- extremely asymmetric distribution/ pedestrian crossings
- symmetric wide distribution/paths and cycle paths
- Further light distribution characteristics

&

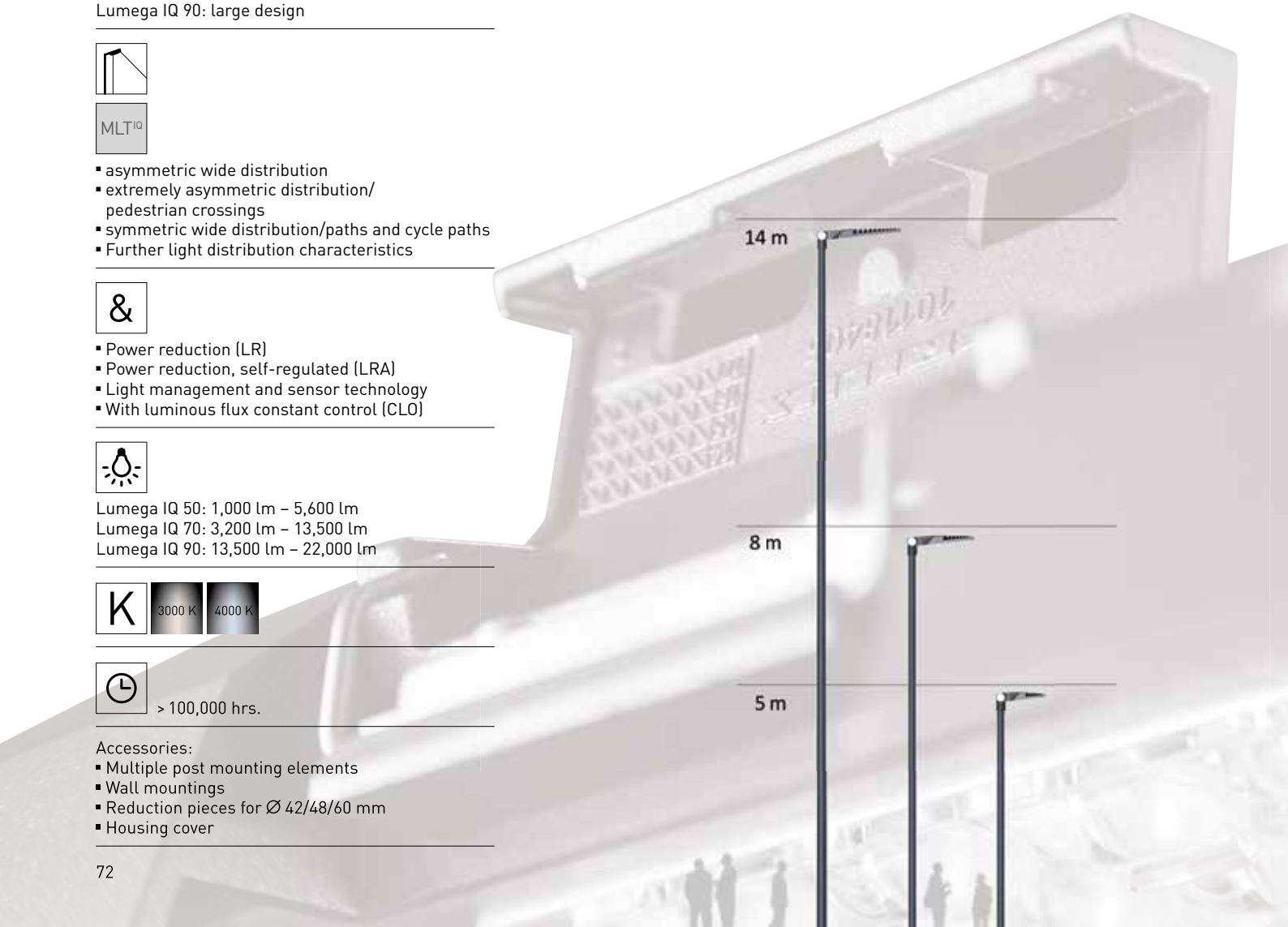
- Power reduction (LR)
- Power reduction, self-regulated (LRA)
- Light management and sensor technology
- With luminous flux constant control (CLO)

Lumega IQ 50: 1,000 lm – 5,600 lm
Lumega IQ 70: 3,200 lm – 13,500 lm
Lumega IQ 90: 13,500 lm – 22,000 lm

K 3000 K 4000 K

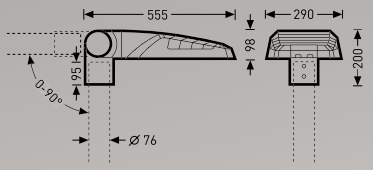
> 100,000 hrs.

Accessories:
- Multiple post mounting elements
- Wall mountings
- Reduction pieces for Ø 42/48/60 mm
- Housing cover

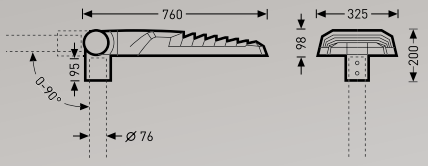


E-block operation without tools

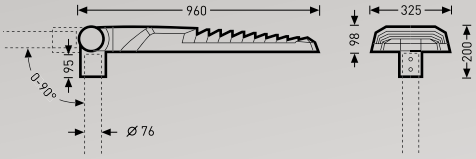
LUMEGA IQ 50




LUMEGA IQ 70




LUMEGA IQ 90




IP66

**www.trilux.com/lumegaiq50**
**www.trilux.com/lumegaiq70**
**www.trilux.com/lumegaiq90**

# VIACON LED

POST-TOP AND BRACKET-MOUNTED LUMINAIRE

ViaCon: Post-top luminaire
ViaCon A: Bracket-mounted luminaire
ViaCon SHL: catenary luminaire

MLT[IQ]

- asymmetric wide distribution
- extremely asymmetric distribution/ pedestrian crossings
- Further light distribution characteristics

&

- Power reduction (LR)
- Power reduction, self-regulated (LRA)
- Light management and sensor technology
- With luminous flux constant control (CLO)

800 lm – 8,200 lm

K 3000 K 4000 K

100,000 hrs.

Accessories:
- Multiple post mounting elements
- Wall mountings
- Reduction pieces for Ø 42/48/60 mm



Exchangeable LED module

Catenary luminaire

IP66

**www.trilux.com/viacon**

# CUVIA LED

ROAD LIGHTING SIMPLY CONSIDERED FOR THE FUTURE

# CUVIA LED

## POST-TOP AND BRACKET-MOUNTED LUMINAIRE

Cuvia 40: small design
Cuvia 60: large design

MLT[IQ]

- asymmetric wide distribution
- symmetric wide distribution/paths and cycle paths
- Further light distribution characteristics

&

- Power reduction (LR)
- Power reduction, self-regulated (LRA)
- With luminous flux constant control (CLO)

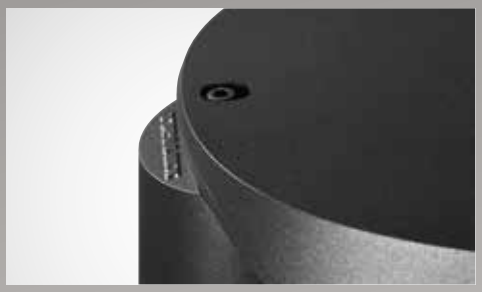
Cuvia 40: 1,000 lm – 3,200 lm
Cuvia 60: 3,500 lm – 3,200 lm

K 3000 K 4000 K

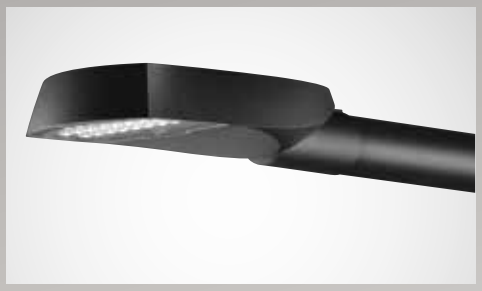
> 100,000 hrs.

Accessories:
- Multiple post mounting elements
- Wall mountings
- Reduction pieces Ø 42/48/60 mm

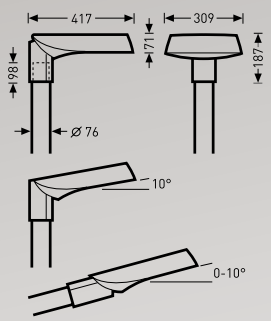
Light module can be separated from the base element with a single screw.



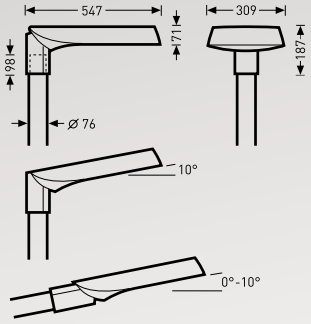
Simple conversion for bracket-mounting.



CUVIA 40




CUVIA 60




IP66

**www.trilux.com/cuvia40**
**www.trilux.com/cuvia60**

# ONTRIA LED

POST-TOP AND BRACKET-MOUNTED LUMINAIRE

Ontria I: small design
Ontria II: small design
Ontria III: large design

▪ asymmetric wide distribution

▪ Power reduction (LR)

Ontria I: 3,600 / 6,200
Ontria II: 9,100 / 12,000
Ontria III: 15,000 / 20,000 / 24,000

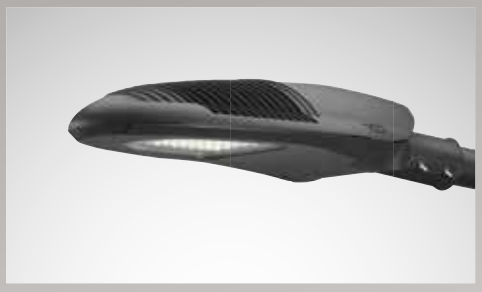
K 4000 K

> 50,000 hrs.

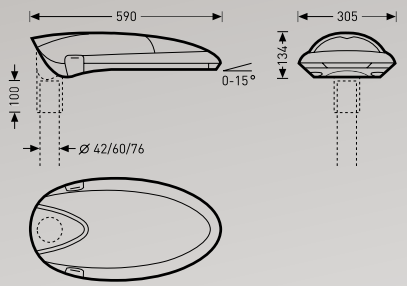
Accessories:
▪ Post mountings (mandatory)
▪ Multiple post mounting elements
▪ Wall mountings

Post mounting

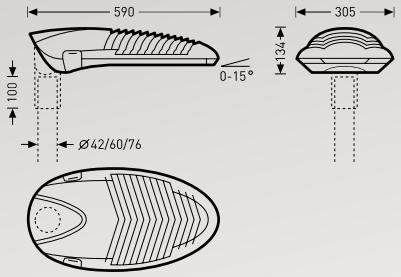
Bracket mounting



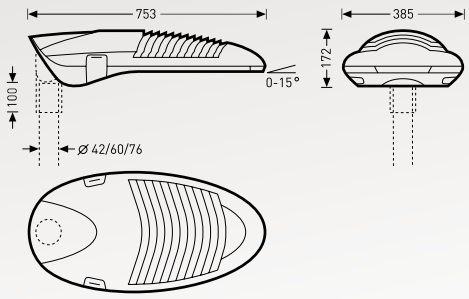
ONTRIA I




ONTRIA II




ONTRIA III




IP66

www.trilux.com/ontria

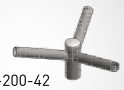
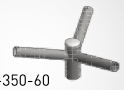

Cuvia*


Lumega IQ*


ViaCon A


Ontria**

## MULTIPLE POST MOUNTING ELEMENTS

| | | | Cuvia* | Lumega IQ* | ViaCon A | Ontria** |
|---|---|---|---|---|---|---|
|  0803/2/60-200-60 | **Post spigot** | Ø 60 mm | ● | ● | | ● |
| | **Supports** | Ø 60 x 200 mm | | | | |
| | **Inclination angle** | 15 ° | | | | |
| | **Colour** | galvanised | | | | |
|  0803/2/76-200-60 | **Post spigot** | Ø 76 mm | ● | ● | | ● |
| | **Supports** | Ø 60 x 200 mm | | | | |
| | **Inclination angle** | 15 ° | | | | |
| | **Colour** | galvanised | | | | |
|  0803/2/76-200-42 | **Post spigot** | Ø 76 mm | | | ● | |
| | **Supports** | Ø 42 x 200 mm | | | | |
| | **Inclination angle** | 15 ° | | | | |
| | **Colour** | galvanised | | | | |
|  0803/2/76-500x60 | **Post spigot** | Ø 76 mm | ● | ● | | ● |
| | **Supports** | Ø 60 x 500 mm | | | | |
| | **Inclination angle** | 15 ° | | | | |
| | **Colour** | galvanised | | | | |
|  0803/2/76-1000-60 | **Post spigot** | Ø 76 mm | ● | ● | | ● |
| | **Supports** | Ø 60 x 1000 mm | | | | |
| | **Inclination angle** | 15 ° | | | | |
| | **Colour** | galvanised | | | | |
|  0803/2/76-1500-60 | **Post spigot** | Ø 76 mm | ● | ● | | ● |
| | **Supports** | Ø 60 x 1500 mm | | | | |
| | **Inclination angle** | 15 ° | | | | |
| | **Colour** | galvanised | | | | |
|  0803/3/76-200-42 | **Post spigot** | Ø 76 mm | | | ● | |
| | **Supports** | Ø 42 x 200 mm | | | | |
| | **Inclination angle** | 15 ° | | | | |
| | **Colour** | galvanised | | | | |
|  0803/3/76-350-60 | **Post spigot** | Ø 76 mm | ● | ● | | ● |
| | **Supports** | Ø 60 x 350 mm | | | | |
| | **Inclination angle** | 15 ° | | | | |
| | **Colour** | galvanised | | | | |

* 0970/60 reduction piece additionally required for each luminaire. ** Ontria MB/60 additionally required for each luminaire.

## WALL MOUNTINGS

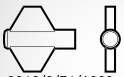
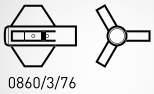
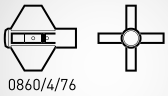
| | | | Cuvia*** | Lumega IQ*** | Viacon A | Ontria** |
|---|---|---|---|---|---|---|
|  0803WB/100-42 | **Supports** | Ø 42 x 100 mm | | | ● | |
| | **Inclination angle** | 15 ° | | | | |
| | **Colour** | RAL 7035 | | | | |
|  0803WB/100-42 26 | **Supports** | Ø 42 x 100 mm | ● | ● | | ● |
| | **Inclination angle** | 15 ° | | | | |
| | **Colour** | DB 703 | | | | |
|  0803EMB/100-42 | **Supports** | Ø 42 x 100 mm | | | ● | |
| | **Inclination angle** | 15 ° | | | | |
| | **Colour** | RAL 7035 | | | | |
|  0803EMB/100-42 26 | **Supports** | Ø 42 x 100 mm | ● | ● | | ● |
| | **Inclination angle** | 15 ° | | | | |
| | **Colour** | DB 703 | | | | |

** Ontria MB/60 additionally required for each luminaire. *** 0970/42 reduction piece additionally required.


Lumena Star 70


Lumena Star 40

## TRAVERSES

| | | | | |
|---|---|---|---|---|
|  LnStar Traverse S 1/.. | **Post spigot** | Ø 76/89 mm | ● | |
| | **Number of spotlights** | 1 | | |
| | **Colour** | galvanised | | |
|  LnStar Traverse S 2/../180° | **Post spigot** | Ø 76/89/108 mm | ● | |
| | **Number of spotlights** | 2 | | |
| | **Colour** | galvanised | | |
|  LnStar Traverse S 3/.. | **Post spigot** | Ø 76/89/108 mm | ● | |
| | **Number of spotlights** | 3 | | |
| | **Colour** | galvanised | | |
|  LnStar Traverse S 4/.. | **Post spigot** | Ø 76/89/108 mm | ● | |
| | **Number of spotlights** | 4 | | |
| | **Colour** | galvanised | | |
|  LnStar Traverse A 1/.. | **Post spigot** | Ø 76/89/108 mm | ● | |
| | **Number of spotlights** | 1 | | |
| | **Colour** | galvanised | | |
|  LnStar Traverse A 2/../180° | **Post spigot** | Ø 76/89/108 mm | ● | |
| | **Number of spotlights** | 2 | | |
| | **Colour** | galvanised | | |
|  LnStar Traverse A 3/.. | **Post spigot** | Ø 76/89/108 mm | ● | |
| | **Number of spotlights** | 3 | | |
| | **Colour** | galvanised | | |
|  LnStar Traverse A 4/.. | **Post spigot** | Ø 76/89/108 mm | ● | |
| | **Number of spotlights** | 4 | | |
| | **Colour** | galvanised | | |
|  0860/1/76 | **Post spigot** | Ø 76 mm | | ● |
| | **Number of spotlights** | 1 | | |
| | **Colour** | metallic grey, similar to RAL 9006 | | |
|  0860/2/76/90° | **Post spigot** | Ø 76 mm | | ● |
| | **Number of spotlights** | 2 | | |
| | **Colour** | metallic grey, similar to RAL 9006 | | |
|  0860/2/76/180° | **Post spigot** | Ø 76 mm | | ● |
| | **Number of spotlights** | 2 | | |
| | **Colour** | metallic grey, similar to RAL 9006 | | |
|  0860/3/76 | **Post spigot** | Ø 76 mm | | ● |
| | **Number of spotlights** | 3 | | |
| | **Colour** | metallic grey, similar to RAL 9006 | | |
|  0860/4/76 | **Post spigot** | Ø 76 mm | | ● |
| | **Number of spotlights** | 4 | | |
| | **Colour** | metallic grey, similar to RAL 9006 | | |

**Product example: Lumena Star 40 LED**

**The challenge**

In terms of safety and efficiency, the industrial sector places high demands on the lighting of outdoor workplaces, roads and parking areas. It is important that the lighting solution is controllable according to needs due to reasons of efficiency.

**The solution**

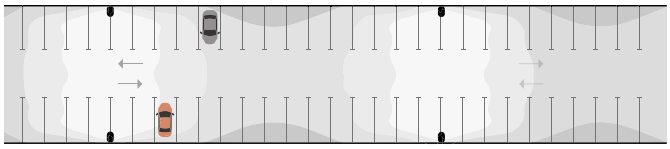
The robust Lumena Star 40 provides energy-efficient light precisely according to the needs of the outdoor application thanks to MLTIQ technology. The all-rounder can be equipped with light management functionality, enabling maximum energy savings due to intelligent control.

**The result**

Thanks to its flexible lens system, Lumena Star 40 provides safety and security in outdoor workplaces and outdoor areas – even with wide luminaire spacing. The luminaire also enables high energy savings.

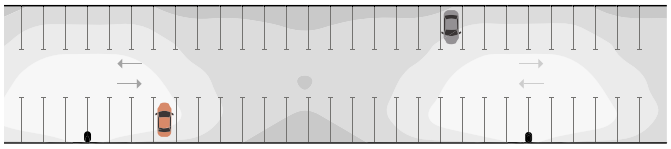
## APPLICATION: PARKING LOTS

### Ambilateral arrangement, opposite



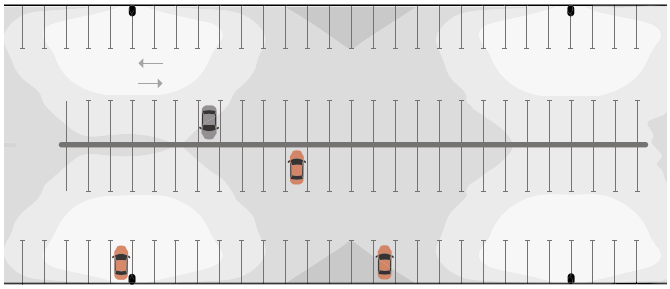
| | |
|---|---|
| **Parking lot width** | 16 m |
| **Post height** | 6 m |
| **Inclination angle** | 10 ° |
| **Luminaire for 5 lux** | LnStar 40-AB2L/2200-740 |
| **Luminaire for 10 lux** | LnStar 40-AB2L/4200-740 |
| **Luminaire for 20 lux** | LnStar 40-AB2L/8200-740 |
| **Distance of start of parking lot to 1st luminaire** | 12.5 m |
| **Distance from luminaire to luminaire** | 37.5 m |

### Arrangement on one side



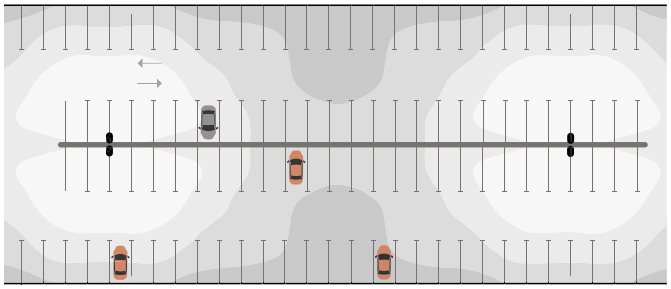
| | |
|---|---|
| **Parking lot width** | 16 m |
| **Post height** | 8 m |
| **Inclination angle** | 10 ° |
| **Luminaire for 5 lux** | LnStar 40-AB2L/6200-740 |
| **Luminaire for 10 lux** | LIQ 70-AB2L/12000-740 |
| **Luminaire for 20 lux** | LIQ 90-AB2L/24000-740 |
| **Distance of start of parking lot to 1st luminaire** | 10 m |
| **Distance from luminaire to luminaire** | 50 m |

### Two-sided arrangement, opposite



| | |
|---|---|
| **Parking lot width** | 32 m |
| **Post height** | 8 m |
| **Inclination angle** | 10 ° |
| **Luminaire for 5 lux** | LnStar 40-AB2L/5600-740 |
| **Luminaire for 10 lux** | LIQ 70-AB2L/11000-740 |
| **Luminaire for 20 lux** | LIQ 90-AB2L/22000-740 |
| **Distance of start of parking lot to 1st luminaire** | 15 m |
| **Distance from luminaire to luminaire** | 50 m |

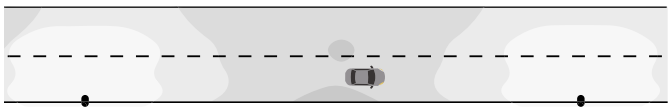
### Two-sided arrangement, central



| | |
|---|---|
| **Parking lot width** | 32 m |
| **Post height** | 8 m |
| **Inclination angle** | 10 ° |
| **Luminaire for 5 lux** | LnStar 40-AB2L/5600-740 |
| **Luminaire for 10 lux** | LIQ 70-AB2L/11000-740 |
| **Luminaire for 20 lux** | LIQ 90-AB2L/24000-740 |
| **Distance of start of parking lot to 1st luminaire** | 12.5 m |
| **Distance from luminaire to luminaire** | 52.5 m |

## APPLICATION: WORKS ROADS

### Arrangement on one side



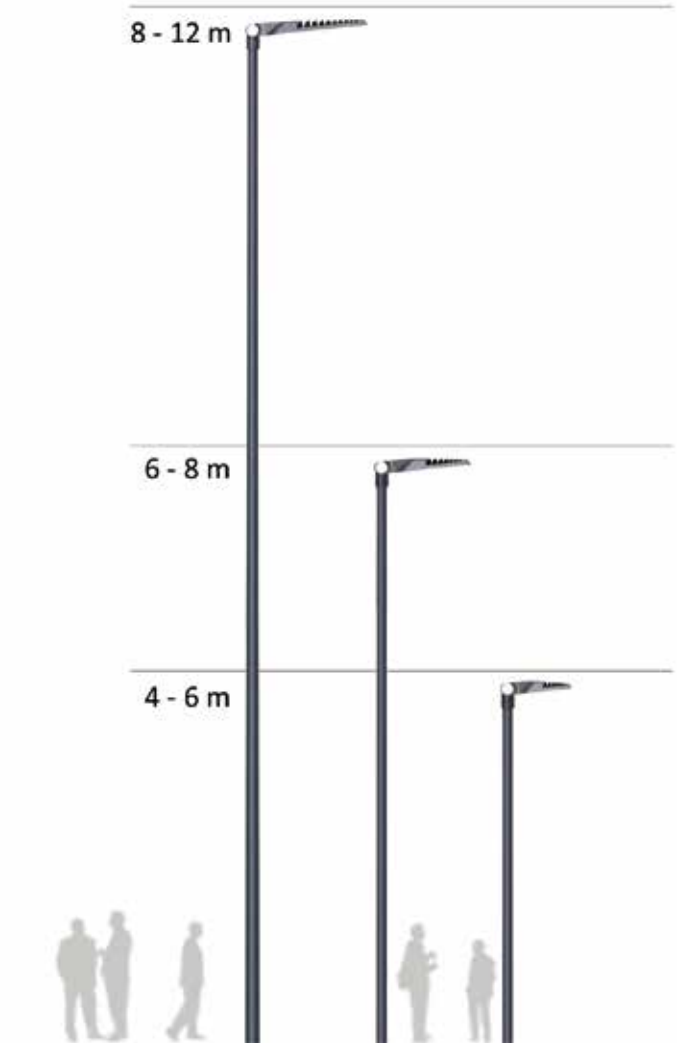
| | |
|---|---|
| **Carriageway width** | 8 m |
| **Post height** | 8 m |
| **Luminaire arrangement** | on one side |
| **Inclination angle** | 0 ° |
| **Luminaire for 10 lux** | LnStar 40-AB2L/6200-740 |
| **Luminaire for 20 lux** | LIQ 70-AB2L/13500-740 |
| **Luminaire spacing** | 40 m |
| **Light point overhang** | 0 m |

## LED REPLACEMENT TYPES

| Lamps per luminaire (obsolete system) | Luminaire luminous flux of new system | Suitable LED luminaire |
|---|---|---|
| 1 x 50 W HME | 1,200 lm | LnStar 40-AB2L/1200-740 |
| 2 x 50 W HME | 2,400 lm | LnStar 40-AB2L/2400-740 |
| 1 x 80 W HME | 2,400 lm | LnStar 40-AB2L/2400-740 |
| 2 x 80 W HME | 5,100 lm | LnStar 40-AB2L/5100-740 |
| 1 x 125 W HME | 4,200 lm | LnStar 40-AB2L/4200-740 |
| 2 x 125 W HME | 8,200 lm | LnStar 40-AB2L/8200-740 |
| 1 x 250 W HME | 8,200 lm | LnStar 40-AB2L/8200-740 |
| 2 x 250 W HME | 16,500 lm | LnStar 70-AM2R/16500-740 |
| 1 x 400 W HME | 13,500 lm | LnStar 70-AM2R/13500-740 |

| Lamps per luminaire (obsolete system) | Luminaire luminous flux of new system | Suitable LED luminaire |
|---|---|---|
| 1 x 50 W HST | 2600 lm | LnStar 40-AB2L/2600-740 |
| 2 x 50 W HST | 5600 lm | LnStar 40-AB2L/5600-740 |
| 1 x 70 W HST | 4200 lm | LnStar 40-AB2L/4200-740 |
| 2 x 70 W HST | 8200 lm | LnStar 40-AB2L/8200-740 |
| 1 x 100 W HST | 6800 lm | LnStar 40-AB2L/6800-740 |
| 2 x 100 W HST | 13500 lm | LnStar 70-AM2R/13500-740 |
| 1 x 150 W HST | 11000 lm | LnStar 70-AM2R/11000-740 |
| 2 x 150 W HST | 21000 lm | LnStar 70-AM2R/22000-740 |

## LUMINAIRE SUITABILITY ACCORDING TO POST HEIGHT




| for post heights 4 m - 6 m | for post heights 6 m - 8 m | for post heights 8 m - 12 m |
|---|---|---|
| Ontria I | Ontria II | Ontria III |
| Cuvia 40 | Cuvia 60 | Lumega IQ 70 |
| ViaCon 80 | ViaCon 110 | Lumena Star 70 |
| Lumega IQ 50 | Lumega IQ 70 | |
| Lumena Star 40 | Lumena Star 40 | |
| | Lumena Star 70 | |

## INDUSTRY

### Works roads

| Road width | Light point height | Light point spacing | Light point overhang | Inclination | Lens | Luminous flux | |
|---|---|---|---|---|---|---|---|
| | | | | | | Speed ≤ 30 km/h | Speed ≤ 50 km/h |
| 5 m | 6 m | 29 m | 0 m | 0° | AB2L | 3,200 lm | 6,800 lm |
| 5 m | 8 m | 36 m | 0 m | 0° | AB2L | 5,100 lm | 11,000 lm |
| 6 m | 6 m | 30 m | 0 m | 0° | AB2L | 3,500 lm | 7,500 lm |
| 6 m | 8 m | 37 m | 0 m | 0° | AB2L | 5,600 lm | 11,000 lm |
| 7 m | 6 m | 30 m | 0 m | 0° | AB2L | 3,800 lm | 7,500 lm |
| 7 m | 8 m | 37 m | 0 m | 0° | AB2L | 5,600 lm | 11,000 lm |
| 8 m | 6 m | 31 m | 0 m | 0° | AB2L | 4,200 lm | 8,200 lm |
| 8 m | 8 m | 38 m | 0 m | 0° | AB2L | 6,200 lm | 12,000 lm |

Calculations based on: MF=0.89; Em: 10 lx & g1:0.4; Em: 20 lx & g1: 0.4

### Loading Bay

| Light point height | Inclination | Lens | Luminous flux | | |
|---|---|---|---|---|---|
| | | | Central | left and right from one box | left and right from two boxes |
| 5 m | 5° | AM2L | 5,100 lm | 3,200 lm | 4,600 lm |
| 6 m | 0° | AM2L | 6,200 lm | 3,800 lm | 5,100 lm |
| 7 m | 0° | AM2L | 8,200 lm | 4,600 lm | 6,200 lm |
| 8 m | 0° | AM2L | 10,000 lm | 5,600 lm | 7,500 lm |

Calculations based on: MF=0.89; measuring plane= 3 m x 8 m; Em: 50 lx & g1: 0.4

### Loading Area

| Light point height | Inclination | Lens | Luminous flux |
|---|---|---|---|
| 5 m | 0° | AM2L | 4,200 lm |
| 6 m | 0° | AM2L | 5,600 lm |
| 7 m | 0° | AM2L | 7,500 lm |
| 8 m | 0° | AM2L | 10,000 lm |

Calculations based on: MF=0.89; measuring plane= 4 m x 5 m; Em: 50 lx & g1: 0.4

## PATHS

### Paths to 2.5 m

| Path width | 8841K (3,000 K) | 8841 (3,000 K) | 8841K (4,000 K) | 8841 (4,000 K) | Lens |
|---|---|---|---|---|---|
| 1 m | 8 m | 12 m | 8 m | 12 m | AB2L |
| 1,5 m | 8 m | 12 m | 8 m | 12 m | AB2L |
| 2 m | 5 m | 12 m | 5 m | 12 m | AB2L |
| 2,5 m | – | 10 m | – | 11 m | AB2L |

Calculations of maximum luminaire spacing with Emin ≥ 1 lx

### Paths to 3.5 m

| Path width | 8841K (3,000 K) | 8841 (3,000 K) | 8841K (4,000 K) | 8841 (4,000 K) | Lens |
|---|---|---|---|---|---|
| 1 m | 10 m | 13 m | 10 m | 14 m | AB14L |
| 1,5 m | 10 m | 13 m | 10 m | 14 m | AB14L |
| 2 m | 9 m | 13 m | 10 m | 14 m | AB14L |
| 2,5 m | 7 m | 13 m | 7 m | 14 m | AB14L |
| 3 m | – | 11 m | – | 12 m | AB14L |
| 3,5 m | – | 6 m | – | 8 m | AB14L |

Calculations of maximum luminaire spacing with Emin ≥ 1 lx

# MLT$^{IQ}$

## SOLUTION DIVERSITY

### MLT$^{IQ}$ and luminaire designation

LUMINAIRE NAME/ CONSTRUCTION SIZE

SUPPLEMENTARY EQUIPMENT
LR/LRA/light management

NUMBER OF 4-FOLD CLUSTERS/ GENERATION

| ····· | -AB7L | - ····· | / | 6200 | -740 | 8G1S | ···· |
|---|---|---|---|---|---|---|---|

LIGHTING TECHNOLOGY

LUMINAIRE LUMINOUS FLUX

COLOUR RENDERING + LIGHT COLOUR

Asymmetric wide distribution:
AB2L/AB5L/AB6L/**AB7L**/AB8L/AB9L
Pedestrian crossings: FR1L/FL1L
Rotationally symmetric wide distribution: RB3L
Rotationally symmetric narrow distribution: RE2L
Asymmetric medium-wide distribution: AM2L

1000/1100/1200/1350/1500/1650/1800/
2000/2200/2400/2600/2900/3200/3500/
3800/4200/4600/5100/5600/**6200**/6800/
7500/8200/9100/10,000/...
(11000/12000/13500/15000/16500/
18000/20000/22000...)

730: 3000 K/Ra > 70
**740:** 4000 K/Ra > 70

Further lens optics are available.

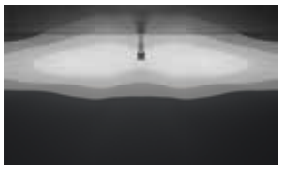
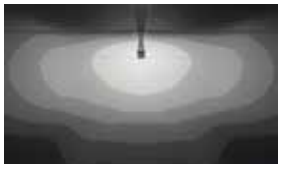
**Greater flexibility in use**

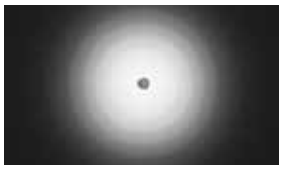
The following overview shows which requirements are fulfilled with use of various MLT lenses (13 here from more than 20). Further lighting tasks with MLTIQ on request.

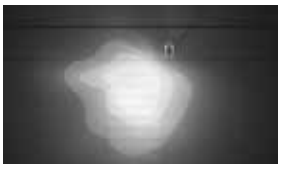
Flexibility is further increased via rotation of the lenses in 90 ° steps.

Additional reduction of light emission to the rear can be optionally implemented with shielding on the building side.

Simply contact us.

| **Road** | **Lens**/description |
|---|---|
| **P class** | |
|  | **AB2L:** Asymmetric wide light distribution for road illumination in compliance with P lighting classes. |
|  | **SB3L:** Symmetric wide light distribution for illuminating paths, especially cycle paths. |
| **M class** | |
|  | **AB5L:** Asymmetric wide distribution for road illumination in compliance with M lighting classes with positive light point overhang and inclination angle to 15 °. |
|  | **AB6L:** Asymmetric wide light distribution for road illumination in compliance with M5 and M6 lighting classes with road width to light point height ratio of 0.4 to 0.8. |
|  | **AB7L:** Asymmetric wide light distribution for road illumination in compliance with M3 to M6 lighting classes with road width to light point height ratio of 0.5 to 1.7. |
|  | **AB8L:** Asymmetric wide light distribution for road illumination in compliance with M1 and M2 lighting classes with road width to light point height ratio of 0.6 to 1.1. |
|  | **AB9L:** Asymmetric wide light distribution for road illumination in compliance with M5 and M6 lighting classes with road width to light point height ratio of 0.8 to 1.7. |

| **Squares** | **Lens**/description |
|---|---|
|  | **AM2L:** Asymmetric medium-wide light distribution for planar lighting, e.g. parking lots and storage areas. |
|  | **RB6L:** Rotationally symmetric wide light distribution for planar lighting, e.g. parking lots and pedestrian zones. |

| **Pedestrian crossings** | **Lens**/description |
|---|---|
|  | **FR1L:** Extremely asymmetric light distribution for illuminating pedestrian crossings (illumination on right). |
|  | **FL1L:** Extremely asymmetric light distribution for illuminating pedestrian crossings (illumination on right). |

| **Floodlighting** | **Lens**/description |
|---|---|
|  | **RB3L:** Rotationally symmetric wide light distribution for floodlighting, half-value angle 50 °. |
|  | **RE2L:** Rotationally symmetric narrow light distribution for floodlighting, half-value angle 25 °. |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**TRILUX tools – as helpful as a Swiss Army knife**

A wide variety of highly useful tools is waiting to ease your everyday work in the TRILUX online world. It has never been this easy, for example, to configure light columns according to needs thanks to the ConStela Configurator. Various luminaire heads and supporting column heights, several light modules and spotlights as intermediate elements – the variety is enormous. And the best news is: just a few clicks are all you need to create your own ideal light column.

**www.trilux.com/constela**

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# CONTACTS

**TRILUX GmbH & Co. KG**
Heidestraße · D-59759 Arnsberg
Postfach 19 60 · D-59753 Arnsberg
Tel. +49 29 32.3 01-0
Fax +49 29 32.3 01-3 75
sales@trilux.com · www.trilux.com

**PROLJUS AB**
Kyrkogatan 18
57697 Vrigstad
SWEDEN
Tel. +46 36 13 94 90
info@proljus.se
www.proljus.se

17/20-GB-int. 095 743