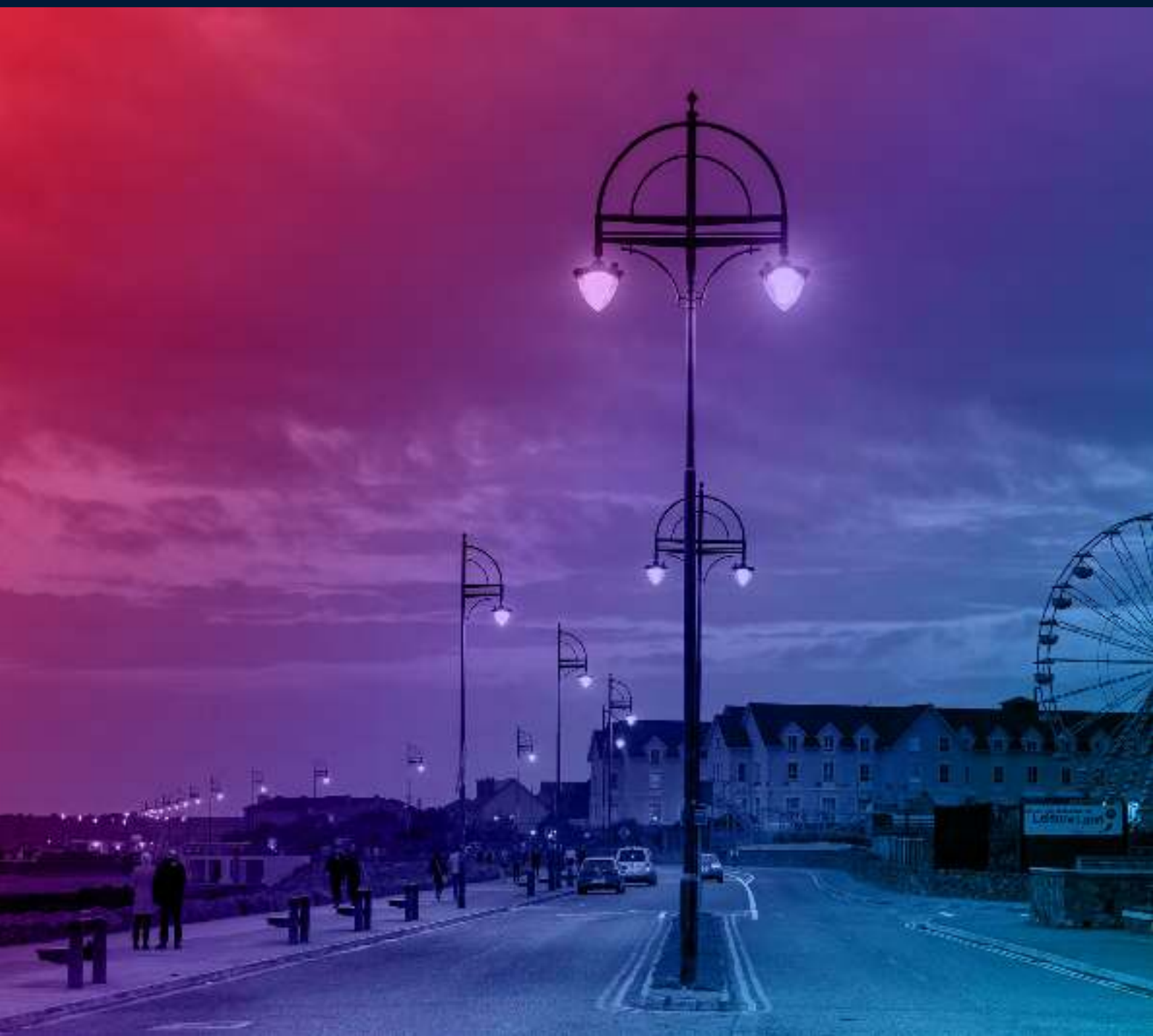


Schröder
Experts in lightability™

Urban decorative lighting solutions

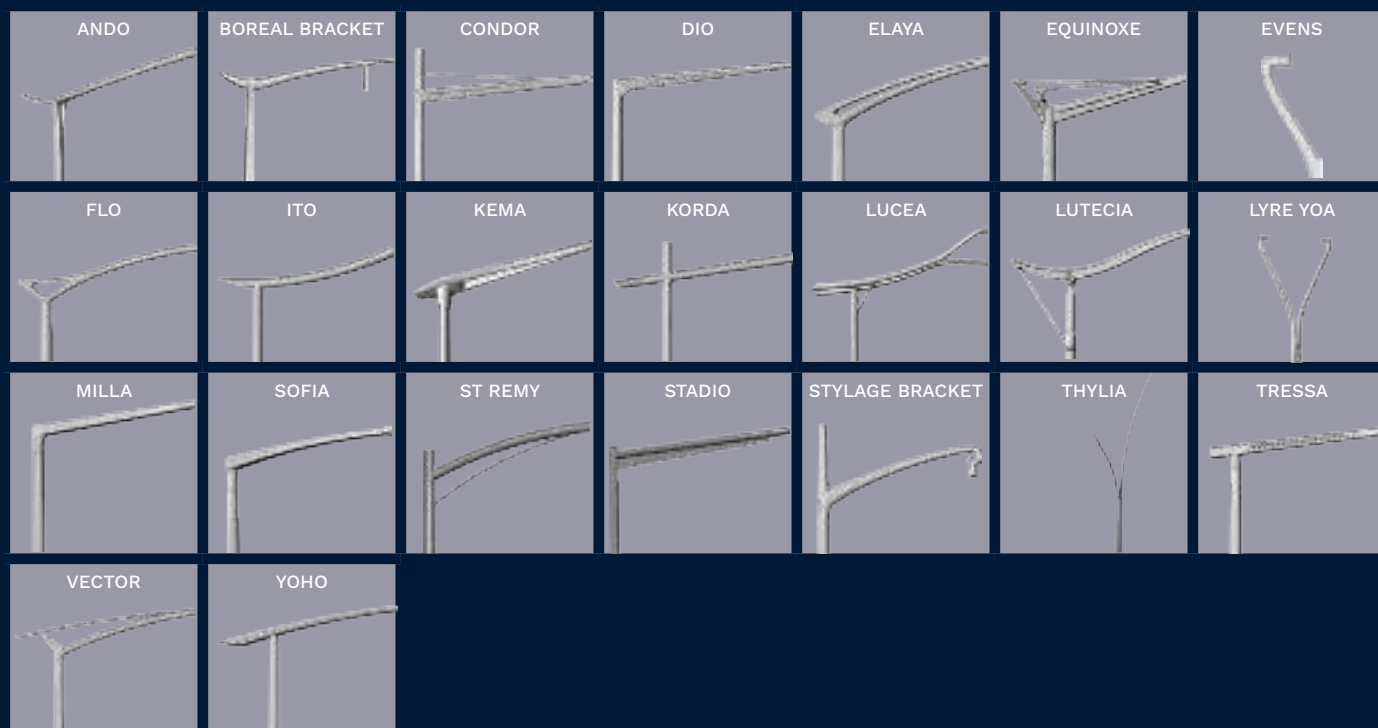
Creating cities people love to live in



LUMINAIRE RANGE



BRACKET RANGE



CONTROL SYSTEM

SMART POLE



SHUFFLE



Lightability™

a spirit, a mission, our beliefs



Schröder

Experts in lightability™

With a century-long tradition of innovation and entrepreneurial spirit, Schröder pushes the limits of smart lighting. We are broadening our expertise to not only light the urban environment but also provide more services to interact with public spaces and the people in them.

We **help** local authorities establish open, interoperable platforms and provide easy-to-integrate infrastructure that not only improves the quality of life in cities but also the quality of democracy.

We **care** about taxpayers' money and provide the best cost/benefit for citizens. Hence we encourage more effective use of public finances by integrating public policies and operational cost reductions through new technologies.

We **stimulate** active, open and inclusive participation of actors belonging to a city's innovation eco-system, to foster the social, environmental and economic development of businesses and citizens.

We **strive** to create inclusive environments that stimulate accessibility for people with disabilities, encourage gender and ethnic equity, and bring new opportunities to vulnerable places in cities.

We **encourage** and implement training initiatives for citizens, planners and public managers on lighting & smarter cities in an open, transparent and non-biased way.

Your partner in sustainability



Schröder has developed a cohesive, company-wide sustainability strategy called **“Together for our Future”**. This commitment is structured around three axes encompassing the relevant prioritised **UN Sustainable Development Goals** (SDGs).

Sustainability is embedded into our strategy, structure, processes and culture. At Schröder, we collaborate closely with our customers to develop robust and long-term solutions to meet the challenges they face, while adding value with a positive, lasting impact on society and the environment.

PLANET

Being responsible for the planet by reducing our own and our customers' environmental impact.

COMMUNITY

Being responsible for the community by having a resolutely positive impact on society through our solutions.



PEOPLE

Being responsible for our staff members by developing human growth through diversity and respect for human rights.



**SUSTAINABLE
DEVELOPMENT
GOALS**

«Our role as market leader motivates us to take part in the global battle against climate change and contribute to respectful economic development. We help communities face their biggest challenges, making the world more sustainable.»

Werner de Wolf
CEO – Schröder

A company
strongly committed
to sustainability



EcoVadis evaluates more than 85,000 organisations in over 160 countries and in over 200 industries every year. **Based on 21 criteria, the rating assesses a company's performance** in four categories: Environment, Labour and Human Rights, Ethics and Sustainable Procurement.

The EcoVadis gold rating acknowledges the efforts being made every day by every single Schröder employee to enable a better and more sustainable world.

More information:
www.ecovadis.com



YOUR PARTNER IN SUSTAINABILITY



Being responsible
for the planet

Manufacturing according to the highest environmental standards

All Schröder factories are certified ISO 14001:2015 which recognises their efforts for their environmental management system.

For each factory, a continuous improvement plan for resource efficiency and waste management is put into action by the quality manager.

More information:

www.iso.org



Transparency throughout the complete product life cycle

To provide our customers with clear information on the environmental impact of each luminaire, Schröder relies on **a product life cycle analysis tool** (Instant LCA), developed in collaboration with an independent agency (in accordance with the principles of ISO 14040:2006). The results are available in the **Product Environmental Profile** (PEP) documents.

They summarise the luminaire's life cycle assessment, by examining its environmental impact throughout its life cycle, from raw material extraction to end of life.

The PEP documents are available upon request to all customers to help them demonstrate their regulatory compliance and commitment to minimising their environmental footprint.



Building a circular ecosystem



Schröder takes the circular economy into account, right from the outset. From the concept phase, design guidelines not only consider the production and environmental impact of our luminaires. They also facilitate removing components and increasing the standardisation of parts and the materials' separability once their working life is over.

The **Schröder Circle Light Label** designates products that are optimised for a circular economy without compromising on quality.

We assess our luminaires to evaluate their potential circularity through 12 objective criteria in 5 categories:

- ✓ Performance
- ✓ Maintenance
- ✓ Refurbishment
- ✓ Non-destructive disassembly
- ✓ Recycling



The **Schröder Smart Label** allows installers and infrastructure managers to access essential luminaire information by scanning a QR code. It enables project specific details to be added during installation and facilitates communication between installers and city managers. Troubleshooting assistance and spare parts ordering are also available via the Smart Label, ensuring reliable information on luminaires, anytime, anywhere.

- ✓ Provides instant access to luminaire information via QR code scanning (works online and offline)
- ✓ Provides the ability to add key information during installation
- ✓ Facilitates interaction between installers and city managers
- ✓ Provides support for repairs and parts ordering



The **Schröder Circle Light App** is the practical tool for on-site programming and quick one-for-one driver replacement, to refurbish installed luminaires and extend their life while maintaining the desired operating mode.



It helps lighting operators and installers to:

- ✓ Access all relevant luminaire information by scanning a QR code
- ✓ Program luminaire settings on site and reduce inventory complexity
- ✓ Capture asset installation data
- ✓ View installed luminaires on a map interface
- ✓ Read diagnostic information and operating history on site
- ✓ Extend luminaire life while preserving existing settings



Easily upgrade your existing installations with the **Schröder CIRCLE LED BASE** retrofit kits, sustainable solutions that extend the life of your luminaires. They help you reduce waste, comply with light pollution regulations, minimise maintenance and save energy. With the CIRCLE LED BASE, you can meet the principles of a circular economy without the need for new wiring or changes to your existing lighting infrastructure.

- ✓ **Easy to upgrade:** adapts to existing luminaire frames for LED conversion or replacement.
- ✓ **Easy installation:** plug-and-play design for quick and convenient installation.
- ✓ **Extended infrastructure life:** replace light sources for improved efficiency, preserving existing infrastructure.
- ✓ **Enhanced performance:** superior features including glare control, flicker control, extended life, light pollution reduction and improved safety.

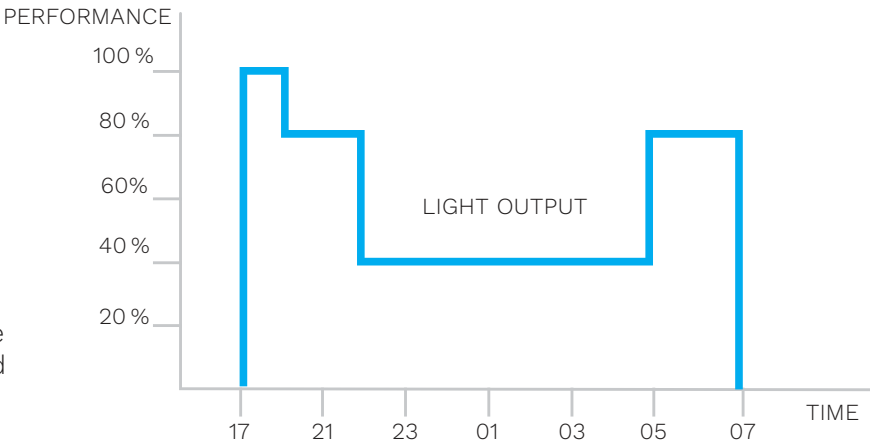




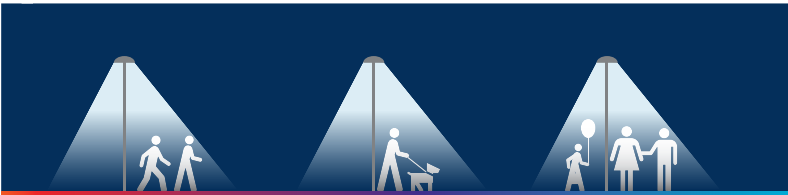
Solutions for maximised energy efficiency

CUSTOM FACTORY DRIVER SETTINGS

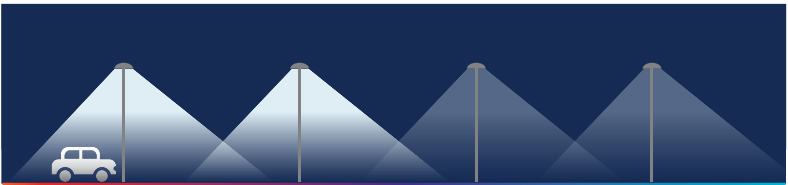
Intelligent luminaire drivers can be programmed in the factory with complex dimming profiles. The period between switching on and switching off is used to activate the **preset dimming profile**. The customised dimming system generates maximum energy savings while respecting the required lighting levels and uniformity throughout the night.



SENSORS FOR AUTONOMOUS DYNAMIC SCENARIOS



Photoelectric sensors switch on the luminaires exactly when natural light becomes insufficient (cloudy day, night fall, etc.) so as to provide safety and comfort in the public space.



In places with little nocturnal activity, lighting can be dimmed to a minimum most of the time. By using **motion sensors such as PIR sensors or radars** (taking into account speed and direction criteria), levels can be raised as soon as a pedestrian or a vehicle is detected in the area.

ADVANCED REMOTE CONTROL SYSTEMS

With its user-friendly remote control systems for intelligent lighting, Schröder integrates advanced features for **programming the most efficient dimming profiles based on endless variables** (calendar days, special events, seasons, etc.) while providing safety, comfort and a sense of well-being for people.

Schröder can integrate smart lighting applications such as the ability to adapt the colour of the light or build dynamic lighting scenarios through PIR sensors or radars. As they offer **complete interoperability**, Schröder control systems can manage controllers/sensors and control luminaires from other manufacturers.



Towards environmental excellence of the built environment



We encourage our customers to think strategically about sustainability, co-creating solutions that improve their performance against a wide variety of sustainability criteria. By drawing on our long experience in designing high-performance, low-energy spaces, we can deliver lighting solutions with all the necessary documentation to **help our customers achieve BREEAM certification**.

BREEAM (Building Research Establishment Environmental Assessment Method) is a certification based on the leading sustainability assessment method for buildings, communities and infrastructure projects.

Using Schröder solutions, up to 17 credits (counting for 6 of the 10 criteria considered) can be achieved in the BREEAM assessment.

More information:
www.breem.com



YOUR PARTNER IN SUSTAINABILITY



Tackling climate change with renewable energy

SOLAR SYSTEMS TO DECARBONISE LIGHTING

With its solar-powered systems, Schröder helps cities and municipalities decarbonise their lighting. The combination of the best technology for harvesting, storing and releasing solar energy with the latest lighting concepts guarantees the best use of renewable energy in the fight against climate change.



SIGNIFICANT SAVINGS COMPARED TO GRID LIGHTING

LED-based solar street lighting solutions are becoming more accessible and cost-effective, driving their adoption in various regions. They provide cities and municipalities with various types of savings.



Energy savings

No electricity bills. Solar systems operate autonomously, using only renewable energy from the sun.



Installation savings

No need for electrical infrastructure. Installation costs are much lower than grid-connected lighting, especially in remote areas or areas with difficult terrain.



Maintenance savings

No reliance on power transmission or distribution infrastructure. There are fewer components to wear out or require maintenance. The solar panels are self-cleaning.



Environmental savings

No heavy infrastructure work to install. No greenhouse gas emissions or other environmental impact during operation.



A SUSTAINABLE SOLUTION FOR MANY APPLICATIONS

Solar lighting has become a credible alternative to grid-powered lighting for a wide range of typical outdoor applications: from roads to bike paths, car parks to campuses, recreational sports facilities to business facilities, solar lighting may be the best solution for your project!

SOLAR-ENABLED SCHRÉDER LUMINAIRES SETTING THE INDUSTRY STANDARD

The IZYLUM, TECEO GEN2 and CITEA NG2 ranges now have specific solar versions as part of the Schröder EKINOX powered by Sunna Design range. With up to 180 lm/W, these optimised solutions make the most of every available watt of solar energy to create safe and comfortable conditions for end users.





Being responsible for the community

The right light where, when and how it is needed

The art of smart lighting consists of putting the kind of light you request where you need it, and taking it away from where you don't require it and when you don't want it. Schröder is your partner for **maximising the advantages of lighting while taking care of the environment** and improving your operational benefit.

With our modern and versatile technologies enabling a **"Dim It, Aim It, Tone It, Change It"** philosophy, we offers our customers complete flexibility to modulate light according to any environmental challenge.



A guarantee of the best photometric solution

As pioneers in lighting technology, our lighting solutions deliver the right light in the right place.

We have developed **numerous photometric engines** over the years to provide **the best solution for every project** in terms of performance, comfort, desired outcome and return on investment. We constantly strive to innovate and develop solutions that are as positive for people as they are sustainable for the environment.

We combine our technical and photometrical know-how to **meet the most demanding lighting standards.**

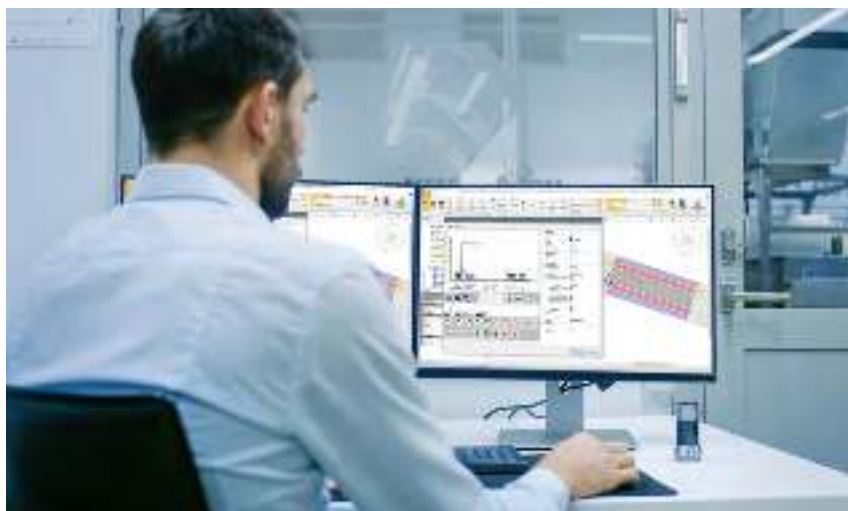
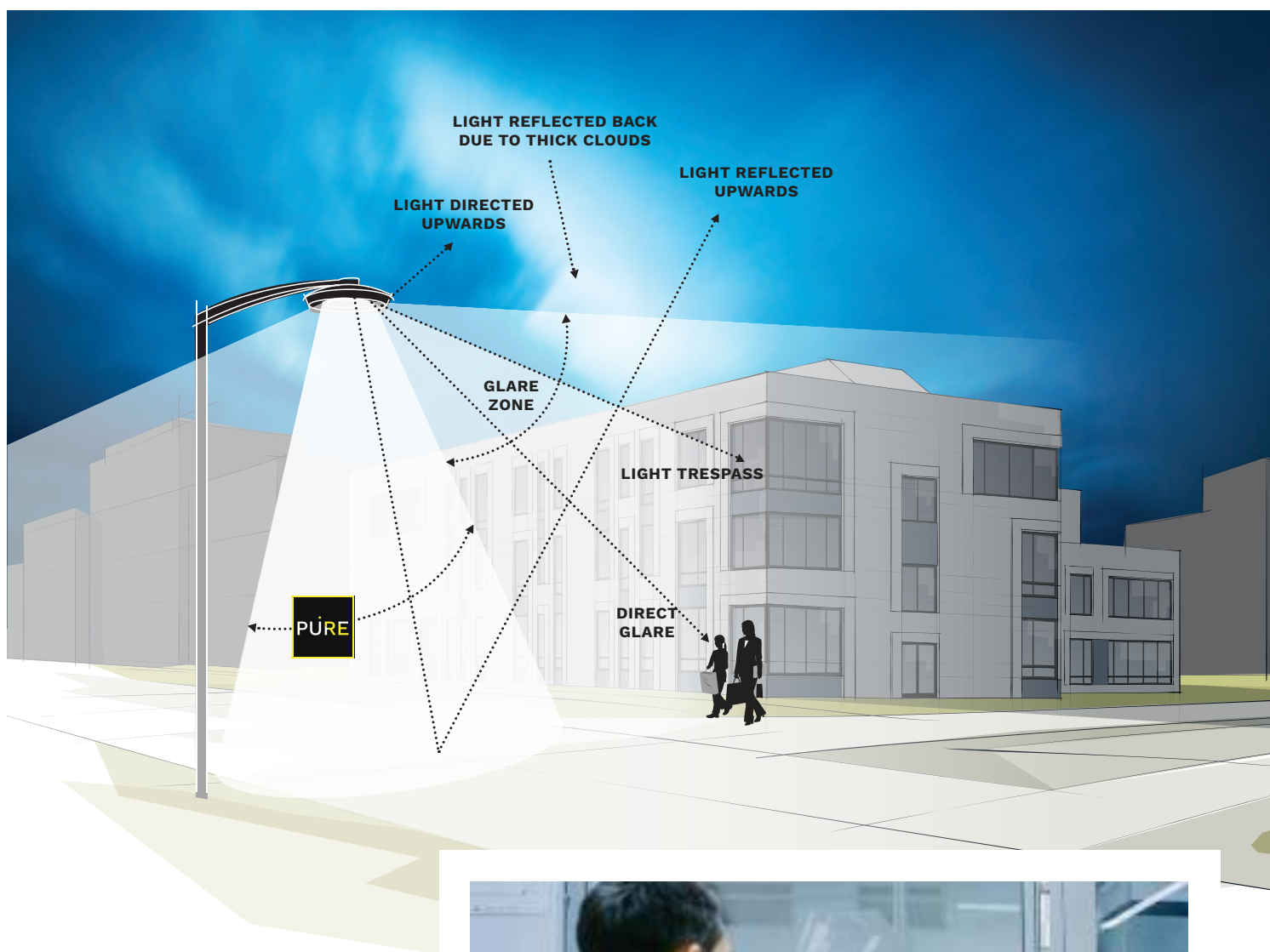


	LENSO FLEX®	MID FLEX™	PRO FLEX™	CONTI FLEX™	BLAST FLEX™	RE FLEXO™
LED type	High-power 2mm ²	Mid-power 2mm ²	High-power 2mm ²	High-power 2mm ²	High-power 2 or 4mm ²	High-power 2 or 4mm ²
Optic	PMMA lenses	PMMA lenses	Polycarbonate lenses	PMMA lenses	PMMA collimators	Aluminium reflectors
Protector	Flat glass or deep protector	Flat glass	Lenses integrated in the PC protector	Flat glass	Flat glass or PC protector	Flat glass or PC protector
Options (depending on luminaire)	Back light control Glare limiter	-	Back light control	-	Back light control Glare limiter	-
Typical applications	All road, urban, tunnel applications and beyond	All road applications and beyond	All road applications and beyond	Continuous line lighting in tunnels	Floodlighting and large areas	Where very asymmetrical beams and visual comfort are both required
Number of optics	77	11	32	4	13	14

PureNight: dark sky, bright ideas

PURE

With its PureNight concept based on high-end lighting designs with state-of-the-art photometrical platforms and aiming accessories, Schröder offers the ultimate solution for bringing the night sky back without switching off cities. With Schröder PureNight solutions, you can **direct the light only where it is wanted and needed**.



The right colour temperature at any time

**FLEXI
WHITE**

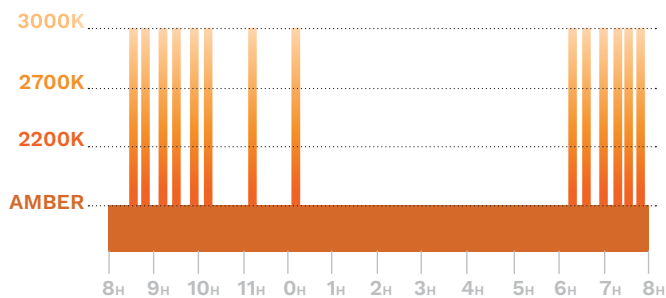
To choose is to forsake. When it comes to deciding which colour temperature you will opt for, it is never a happy moment. You know that a colder white light optimises performance while a warmer one is more preferable to people and animal natural cycles. What if you didn't have to choose? The Schröder FlexiWhite solution offers you the freedom to use the right colour temperature at any time.

Whether it relies on pre-programmed scenarios, works with the our remote control systems, uses sensors or a mix of all three, the FlexiWhite solution offers you the flexibility to provide **the right level with the right colour temperature at the right place and the right time.**

CASE #1

Preservation of nature, promotion of active mobility

Environment: Bike/pedestrian path
FlexiWhite solution: Amber as default, 3000K upon detection.



AMBER
Nature-friendly, minimal safety lighting

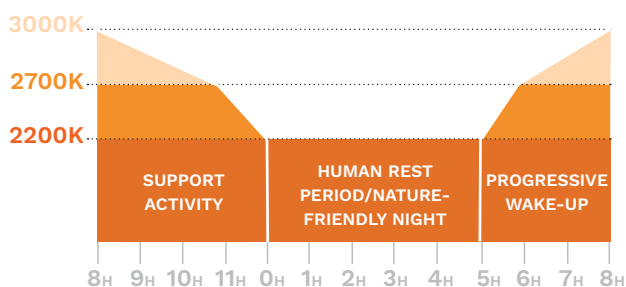


3000K
people detection, maximised safety and comfort (high visibility)

CASE #2

Attractiveness, ambiance and circadian rhythm

Environment: City centre
FlexiWhite solution: 2200K, 3000K and everything in between.



3000K – 30lux
Early evening/early morning
Stimulating atmosphere



2700K – 20lux
Evening/early night
Quieter ambiance



2200K – 5lux
Night
Completely calm mood

Complying with the strictest environmental regulations

Each country, if not each region, has its own environmental regulations. They can be more or less strict and focus on certain specific criteria. All of them are largely inspired by the **EU green public procurement policy** for road lighting, issued in 2019.

Regulation strives to:

- ✓ Limit ULOR to max. 1%;
- ✓ Reduce glare: at least 95% of the light emission is confined to angles below 14.5 degrees from the horizontal;
- ✓ Restrict the emission of blue light with CCT <3000K;
- ✓ Restrain the amount of light to less than 35lm/m²;
- ✓ Prohibit intrusive lighting towards dwellings and any kind of lighting of waterways and the sea.

The PureNight certification software developed by Schröder guarantees that **your lighting solution satisfies environmental laws and requirements**. Schröder has its own certified laboratory and is also endorsed by numerous independent certification bodies.





Preserving the ecosystem

Fauna and flora can suffer from high light intensity, the colour spectrum (blue light) and excessive lighting over time. **Only experts can minimise the disturbance to the different species of fish, insects and endangered animals.**

Trees and hedgerows are natural environments for bats, while rivers and canals are also important for foraging. Certain species of bat are very sensitive to light.

Light pollution, i.e. excessive lighting and uncontrolled light spill, contributes significantly to insect mortality.

The **Schröder PureNight photometry meets dark-sky specifications** (0% ULOR and 2200K) and take advantage of accessories (backlight control and glare limiter) to focus the light only where it is needed.

Schröder's FlexiWhite solution combines dimming and colour temperature changes according to fixed or on-demand scenarios with sensors for **safe and environmentally-friendly lighting**.

The IP66 design of our luminaires prevent insects from entering and being captured in the housing. With low driving current, the outer surface of the housing maintains a low temperature, preventing insects from dying from the heat.

With the right luminaire design, photometry, colour temperature and dimming scenario, Schröder protects wildlife and contributes to the preservation of the ecosystem.



YOUR PARTNER IN SUSTAINABILITY



Supporting communities towards active mobility

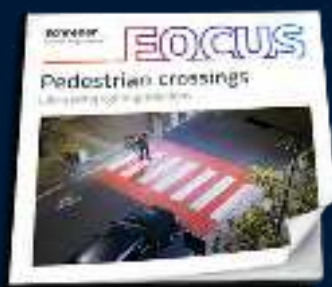
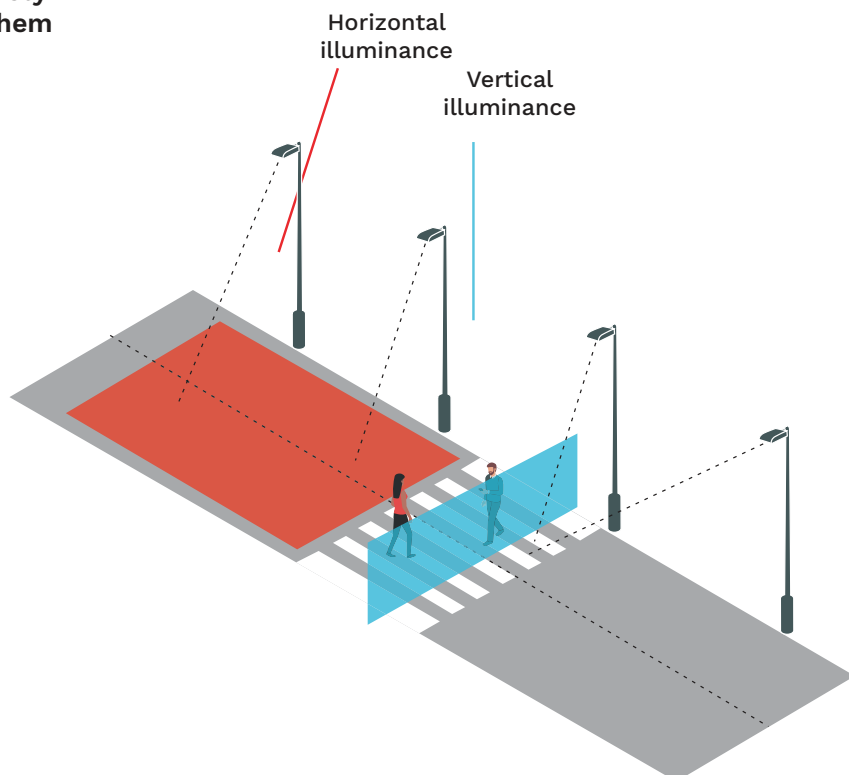
SOLUTIONS FOR SAFE PEDESTRIAN CROSSINGS

Effective lighting for pedestrian crossings needs to do three things. Firstly, ensure the crossing is highly visible and distinguishable from the surrounding area. Next, it needs to give drivers clear visibility of pedestrians approaching and using the crossing. And finally, lighting should minimise glare for drivers.

Schröder has a long history of developing specific optics to light pedestrian crossings to **ensure safety for both motorists and pedestrians and help them share the public space** in a safer manner.

It comes down to providing a lighting solution that has a high vertical illuminance on pedestrians, so they are clearly visible from the driver's position, and horizontal illuminance on the pedestrian crossing for people crossing the road.

Of course, our solutions save energy, are sustainably manufactured and look aesthetically pleasing, as well.



Click for more information



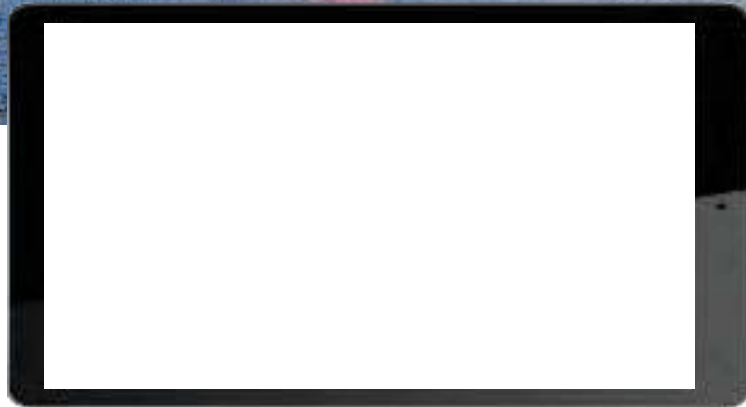
SMART LIGHTING, SMART BIKING

We are living in the age of the cycle revival. Electric bikes also are becoming more affordable, meaning that this trend is very likely to continue. But getting a bike is only part of the story: **safe, attractive routes and user-friendly infrastructure** play a huge role in encouraging people out of their cars.

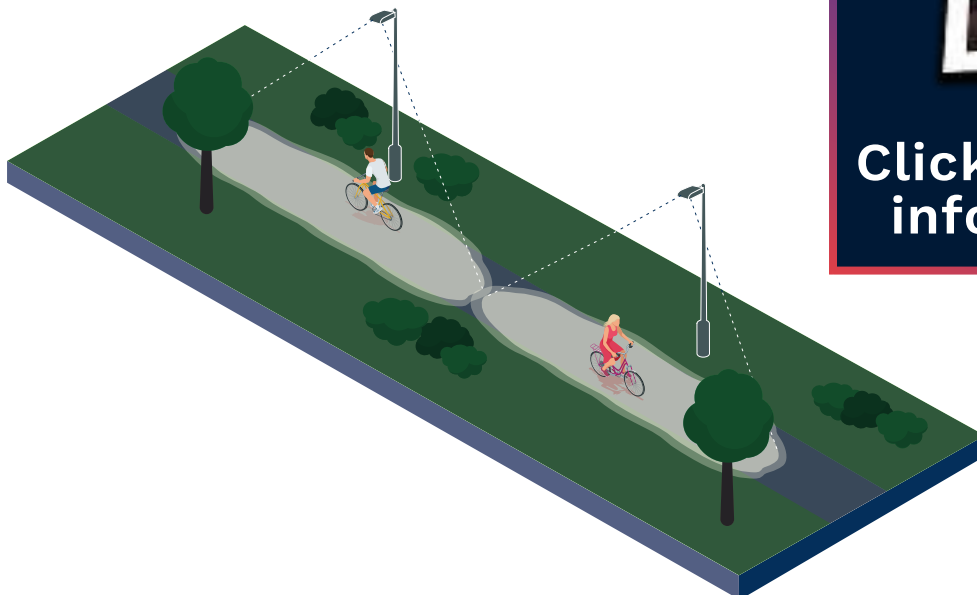
When it comes to switching to cycling, feeling safe is just as important as being safe. Lighting plays a huge role in this, and it's something that we've quietly

become experts in over the years at Schröder, helping cities from Rio to Budapest to not just accommodate, but actively encourage, cycling.

Our smart lighting solutions for bicycle paths ensure that we provide the right light at all times in the right places. They **minimise energy consumption, respect wildlife, facilitate network expansion, optimise maintenance operations** and asset management while offering the best user experience.



Click for more information





Being responsible with people

Valuing difference, being inclusive, and embracing diversity

At Schröder, every employee is valued for her or his skill set. We actively look for and choose employees based on their experience and the value they bring to the company. This concept is underlined in our **Code of Conduct**.

The diversity of the staff, in all its forms (skills, experience, age, gender, culture, etc.), is **a source of renewal, innovation and creativity**. In line with the UN's goals, we decided to focus our efforts primarily on gender diversity and equality, as this is still an on-going concern in society as a whole.



Protecting human rights

Schröder has adopted the Responsible Business Alliance (RBA) Code of Conduct as its standard on human rights. Our goal is to **protect human rights directly and indirectly** by ensuring that Schröder's entities and their supply chain are safe and that workers are treated with respect and dignity.

We require all our suppliers to confirm adherence and compliance with the RBA standard.

More info: www.responsiblebusiness.org

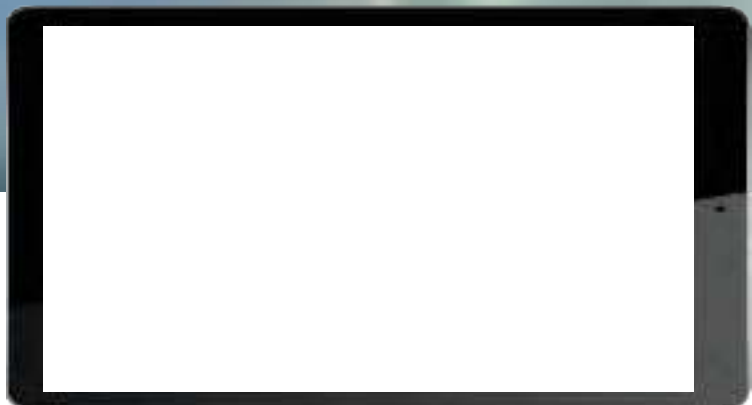




Training and education

Schröder has developed its own internal training academy called SKILL, which stands for Sharing Knowledge in Light and Lighting. SKILL's mission is to **increase Schröder employees' and stakeholders' competencies to successfully face changes** in the lighting market such as smart lighting and new control systems. SKILL also develops e-learning and online courses, both for Schröder employees and customers.





Creating your **custom solution**

While our standard lighting solutions are engineered for performance and designed for customer satisfaction, we regularly receive requests for a bespoke touch or a more unique solution. Schröder STUDIO comes into play to deliver a bespoke solution that fulfils customer expectations and environmental specifications.

From stock... or not!



Customer feedback plays a critical role in our innovative design process and we are continuously extending and improving our ranges. Yet, sometimes, our customers face specific technical constraints.

Schröder STUDIO - our in-house custom design service - takes up the challenge, **engineering dedicated solutions** that match the same high quality as our standard luminaires.

Schröder STUDIO tweaks and optimises features **to meet our customers' own technical preferences**. These solutions, which meet specific individual requests, are designed to enable mass production, if needed.

Pairi Daiza - BELGIUM



Full-scope service



Our efficient, transparent process delivers **quality custom products** in a short time. It all starts with a feasibility study and a cost assessment.

The design phase explores every possible way of delivering the result. We work with multiple software packages to **provide the calculations and visuals to facilitate validation**. To ensure that the final product will meet expectations at every level, we use **rapid prototyping to test the functionalities**.

This allows stakeholders to explore the fine details while enabling us to propose improvements for the final design.





Bruges - BELGIUM



Bernheze - THE NETHERLANDS



Vienna - AUSTRIA



Paris - FRANCE

STUDIO

Customisation, retrofitting or re-creation

The expertise of Schröder STUDIO also includes retrofitting existing luminaires or the complete re-creation of heritage lanterns with modern and connected LED technology.

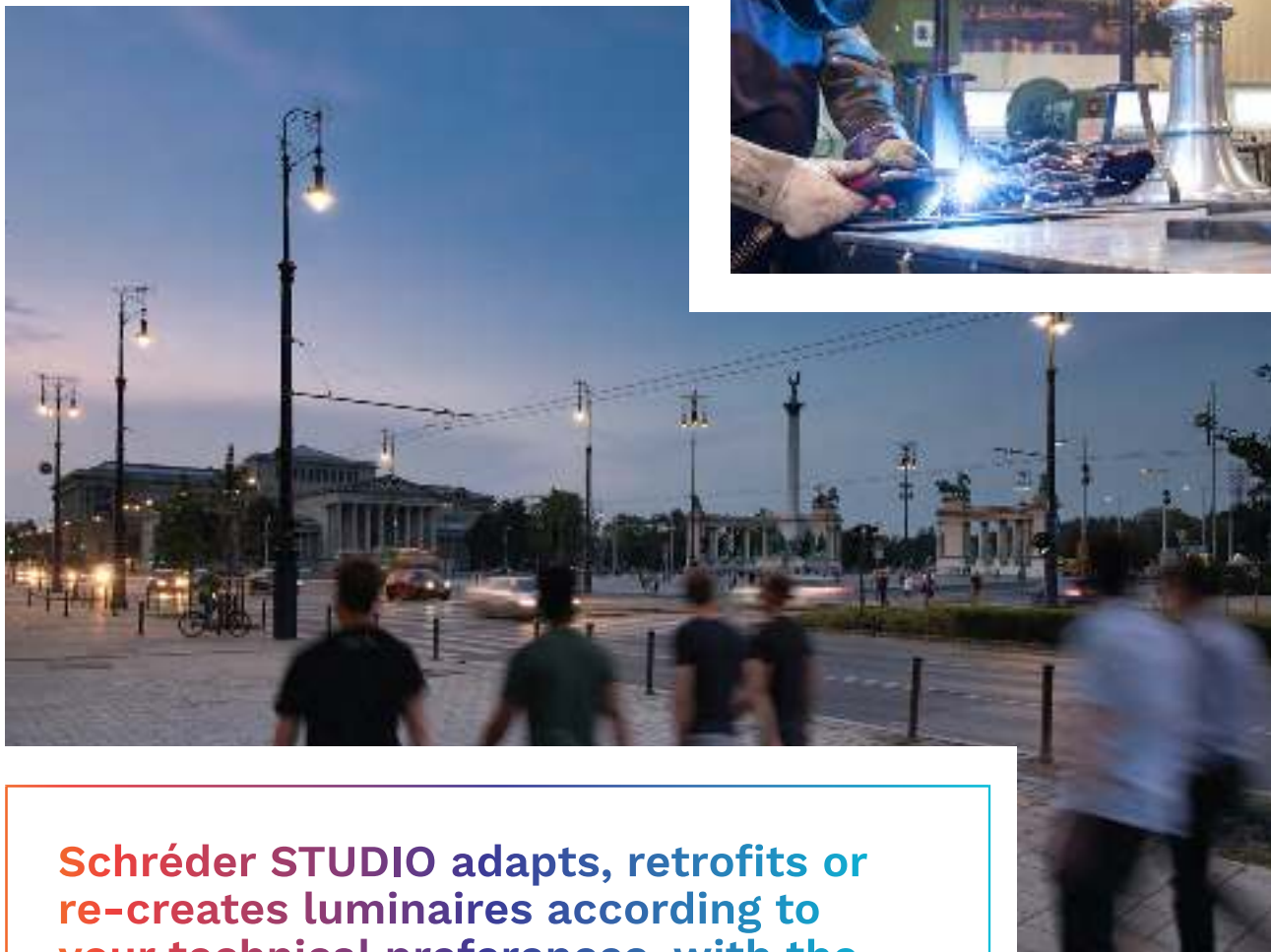
Whether customers are looking for lanterns for castle grounds, luminaires for an eastern style bazaar or a customised fixture, we can create **tailor-made solutions** to suit their specific needs.

With the support of our Kandeláber team in Hungary, we transform their ideas into reality, even if they are just based on a few sketches.

Put your thoughts on paper, send us your drawings or an old photo and we will **design and develop your concept**.



Budapest - HUNGARY



Schröder STUDIO adapts, retrofits or re-creates luminaires according to your technical preferences, with the same quality requirements we apply to our standard portfolio.



The opportunity to be unique

While Schröder STUDIO is mainly about developing the bespoke luminaire that you need, Schröder SIGNATURE is more creative, delivering iconic solutions to light your city. Our team of experts can design a luminaire, lighting column or any other lighting structure to bring your ideas to life, reflecting your unique character and enhancing your space.

We work side by side with you, ideating and brainstorming to solve any complex challenges. We explore the different avenues and propose a number of different yet equally viable concepts.

We can advise not only on the aesthetic result but also on the choice of materials, mounting and cabling.

We provide different visuals to interact with our customers throughout the project.

By creating 3D models, we resolve the final mechanical details and can provide visuals of the luminaire in its future location.

With Schröder SIGNATURE, customers observe the fascinating evolution **from a simple drawing to their own wonderful and unique lighting solution.**



Lisburn - NORTHERN IRELAND

Schröder SIGNATURE
delivers eye-catching lighting
solutions that reflect your
character and enhance your
landscape.



Antwerp - BELGIUM



Bournemouth Pier Approach - UNITED KINGDOM



Vitré - FRANCE



Bangor - UNITED KINGDOM

Sign



Rennes - FRANCE



Mannheim - GERMANY



London - UNITED KINGDOM



Lambeth - UNITED KINGDOM

Schröder



Cannes - FRANCE



Birmingham - UNITED KINGDOM



Lorient - FRANCE

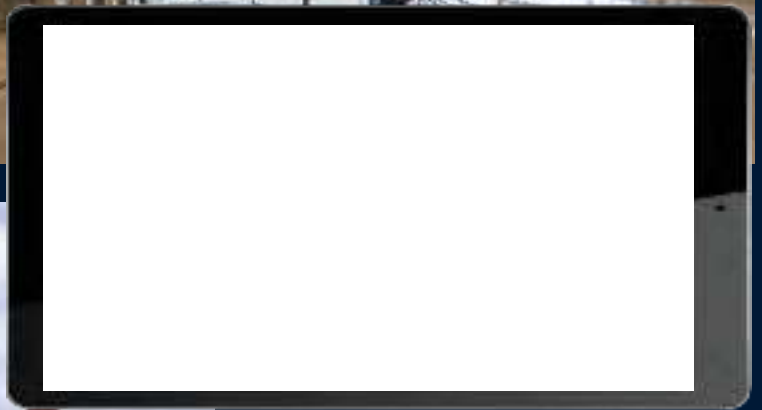
Sign



JANUS 2021
DE LA CITÉ



Lyon - FRANCE



Nieuwpoort - BELGIUM

Click for more information

Signature



VisioLum **3D**




VisioLum **AR**



Experience your lighting solution **before implementing it**

Visualisation and immersive technology bring value to every project. Innovative tools such as augmented reality are enablers for the experience of design and bringing solutions to life vividly, with a sense of scale and presence. Put the Schréder VisioLum applications in your pocket and enter a new dimension!



With the Schröder VisioLum 3D and AR mobile applications, try out your own lighting solution in the most effective, easiest and fun way possible.

VisioLum 3D: evaluate, configure and visualise



Schröder VisioLum 3D lets architects, lighting designers and town planners **easily and quickly customise their own luminaire** by testing out all the different designs, finishes and accessories. They can then combine the luminaire with a bracket and pole to discover how their own unique lighting solution could enhance their town or city both by day and by night.

With an intuitive interface, you can explore endless possibilities to **find the ideal solution with no need for mock-ups and 3D renderings**, which can take

up a lot of time. You can zoom in and out and do a complete 360° turn to visualise the ensemble from all points of view.

The App also enables you to save your choices and download the 3D files or a PDF with a summary of the configurations to share with colleagues and potential customers.

The Schröder VisioLum 3D application is constantly expanding the possibilities with new products for ever more personalised solutions.

VisioLum AR: immerse yourself in reality 2.0



Augmented reality **helps people view designs in context at very early stages**

– allowing the architect, contractor and customer to have the same spatial understanding of the environment.

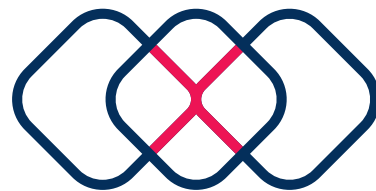
With Schröder VisioLum AR, you can **integrate a customised solution from VisioLum 3D into an urban environment** and then duplicate the number of lighting ensembles to see the overall effect, both in day or night views.

EXEDRA



Your city
as smart
as you want

Schröder EXEDRA is the most advanced lighting management system on the market for controlling, monitoring and analysing streetlights in a user-friendly way. It is the right tool for aligning value with short- and mid-term targets while sustaining a long-term vision.



EXEDRA

KEY ADVANTAGES

- › Remote control to maximise energy/maintenance savings while providing the right light to keep people safe and comfortable at any time in outdoor environments
- › Technology-agnostic platform: shared and open technologies to unlock complete interoperability
- › Plug-and-play solution
- › Intuitive and comprehensive City Management System for smart device management
- › Fully customisable user interface with personalised dashboards
- › Data collection, aggregation and analysis for decision-making based on practical visualisation and reports





THE SKY IS THE LIMIT

With EXEDRA, Schröder has developed **a futureproof platform** that combines the constant need to address new challenges and to evolve with technology. Schröder relies on open standards and protocols to design an architecture able to interact seamlessly with third-party software and hardware solutions.

AT THE TOP OF YOUR GAME

Schröder EXEDRA includes **all the advanced features needed** for smart device management, real-time and scheduled control, dynamic and automated lighting scenarios, maintenance and field operation planning, energy consumption management and third-party connected hardware integration.



SIMPLICITY, THE ULTIMATE SOPHISTICATION

Schröder EXEDRA is **a plug-and-play solution** that enables quick and easy deployment of a connected lighting network. An intelligent **automated commissioning** process recognises, verifies and retrieves luminaire data in the user interface.

GREAT INSIGHTS, GREAT DECISIONS

Data is gold. Schröder EXEDRA provides this with all the clarity managers need to drive decisions. The platform collects massive amounts of data from terminal devices and aggregates, analyses and intuitively displays them to **help end-users take the right actions**.



PROTECTED ON EVERY SIDE

Schröder EXEDRA provides **state-of-the-art data security** with encryption, hashing, tokenisation, and key management practices that protect data across the whole system and its associated services.

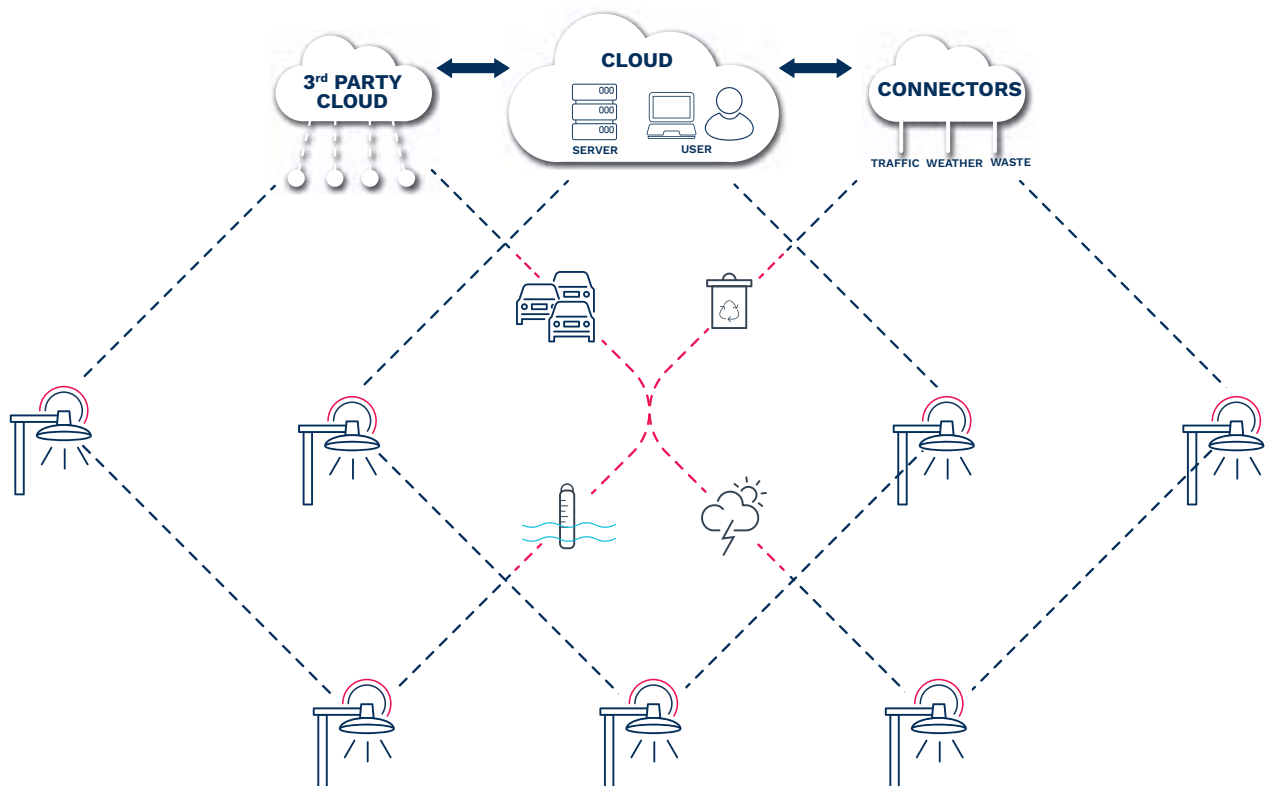


Standardisation to enable custom IoT solutions

The Schröder EXEDRA system architecture is designed to interact with other software and hardware solutions seamlessly. How is this possible? Unlike proprietary systems that prevent interoperability and generate vendor lock-in or expensive proprietary integrations, Schröder EXEDRA is **a complete solution based on open standards and protocols.**

Schröder plays a key role in driving standardisation with alliances and partners such as uCIFI, TalQ or D4i. Our joint commitment is to provide **solutions designed for vertical and horizontal IoT integration.** From the body (hardware) to the language (data model) and the intelligence (algorithms), the complete Schröder EXEDRA system relies on shared and open technologies.

This interoperable platform ensures that customers can connect existing or third-party systems/ devices to Schröder EXEDRA and even means that we are open to working with our competitors.



EXEDRA

Our ecosystem partners for technology-agnostic solutions



The end of proprietary wireless communication networks for smart cities and utilities

The uCIFI Alliance is open to any industrial company, consulting firm, end customer, public authority, utility and other entity, that is committed to developing open, non-proprietary solutions to unlock the smart city and smart energy markets.

www.ucifi.com



The global smart city protocol

The TALQ Consortium aims to define a globally accepted smart city protocol for central management software, to configure, control, command and monitor heterogeneous smart city device networks.

www.talq-consortium.org



Interoperability of luminaires, sensors and/or communication nodes

The Zhaga consortium joined forces with the DiiA to produce a single Zhaga-D4i certification that covers all the critical features including mechanical fit, digital communication, data reporting and power requirements within a single luminaire, ensuring plug-and-play interoperability of luminaires (drivers) and peripherals such as connectivity nodes.

www.zhagastandard.org



Open, flexible and secure cloud computing services

Microsoft Azure is an ever-expanding set of cloud services provided with the highest levels of trust, transparency, standards conformance and regulatory compliance. Microsoft Azure offers the freedom to build, manage, and deploy applications on a massive, global network using customers' favourite tools and frameworks.

www.azure.microsoft.com



FULLY CONFIGURABLE DASHBOARD

Customise your working environment: add, move, resize and organise widgets for each and every stakeholder's personal dashboard.



INTEGRATED INVENTORY AND DEVICE MANAGEMENT

Retrieve, create, edit or delete luminaires, cabinet controllers, meters, electric cables, sensors and more.



DEVICE STATUS AND REAL-TIME INSIGHT/CONTROL

Stay connected to your network. Navigate on a map view to check key performance indicators and device statuses, and manage them when needed.



LIGHTING SCHEDULES

Program your lighting. Create and edit your dimming profiles based on endless variables (calendar days, special occasions, season, etc.). Assign these rules to configurable groups of luminaires.



DYNAMIC LIGHTING

Maximise your benefits by associating sensors with groups of luminaires to trigger pre-defined lighting scenarios.



REPORTS, ALARMS AND DATA ANALYTICS

Anticipate and react in real time. Configure warning messages, get useful insights using the reports. Take advantage of aggregated data to make informed decisions.



ENERGY CONSUMPTION MANAGEMENT

Keep bills under control. Monitor, meter, compare. Schröder EXEDRA provides all the relevant features to help you improve energy efficiency.



TICKETING SYSTEM

Organise field operations through a fully integrated ticketing system that will help you optimise your asset management and maintenance.





AUTOMATION

Take advantage of the Schröder EXEDRA automation centre to easily customise advanced sequences of automated actions based on the conditions and rules you have defined.



USER MANAGEMENT

Distribute roles and rights to all project stakeholders according to their missions and responsibilities.



MULTI-TENANT

Configure and manage different zones independently. Thanks to Schröder EXEDRA multi-tenant architecture, contractors, utilities or big cities are able to segregate areas.



APPLICATION SOLUTION

Connect different types of hardware from various manufacturers to the EXEDRA UI. This applies to both light control and other applications: environmental monitoring, smart water, smart grid, smart parking, smart waste and more.



**Click for more
information**





Anytime, anywhere,
connect to your street
lighting with the
Schröder EXEDRA App

The Schröder EXEDRA mobile application offers the essential functionalities of the desktop platform, to accompany all types of operator on site in their daily effort to maximise the potential of connected lighting.

- > Commission your connected luminaires quickly and easily
- > Search for any connected luminaire, using geolocation, a unique ID or a QR code
- > Manage your assets (add/edit any critical information in the database)
- > Perform a test procedure to check any connected luminaire
- > Set alarms, create tickets and assign them to maintenance operators
- > Control and adjust your luminaires in real time



Schröder EXEDRA LightSync: continuous adjustment of lighting levels to actual conditions

Schröder EXEDRA LightSync is an innovative service offered by the Schröder EXEDRA platform. It uses real-time data to continuously adjust the lighting level of a group of luminaires based on local traffic and weather conditions. With Schröder EXEDRA LightSync, cities can achieve the perfect balance between the safety and well-being of citizens, convenience and the sustainable use of outdoor lighting infrastructure.

Schröder EXEDRA LightSync uses georeferencing to collect environmental data and analyses factors such as traffic and weather via the Schröder EXEDRA platform. This information is used to calculate the appropriate lighting level and control commands are sent to all the luminaires in the group. The system retrieves updated data up to every 15 minutes, ensuring a rapid response to changes in the environment. If data is unavailable, the lighting level reverts to the pre-defined control program until data becomes available.



Skip the hardware
 Stop worrying about events
 Forget calendars
 Just sync!



> **Optimised energy savings**

Schröder EXEDRA LightSync helps street lighting operators achieve a better balance between reducing light levels to save energy and ensuring the safety and well-being of road users.

> **Enhanced convenience**

The appropriate dimming profile and calendar are set once, as the service automatically adapts to surrounding events. This eliminates the need for managing multiple calendars for different situations.

> **Integration with third-party platforms**

The service leverages traffic and weather data from third-party platforms, eliminating the need for additional specific sensors in remote locations.

> **Lower dimming levels**

With the ability to automatically restore high lighting levels when the density of users increases, Schröder EXEDRA LightSync enables cities to operate at lower dimming levels than traditional profiles/calendars allow.

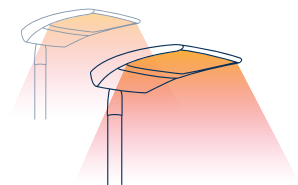
Pulls information from available data sources or types



Computes the adequate lighting level



Adapts the lighting accordingly



Collect, monitor, generate insights, process and adapt

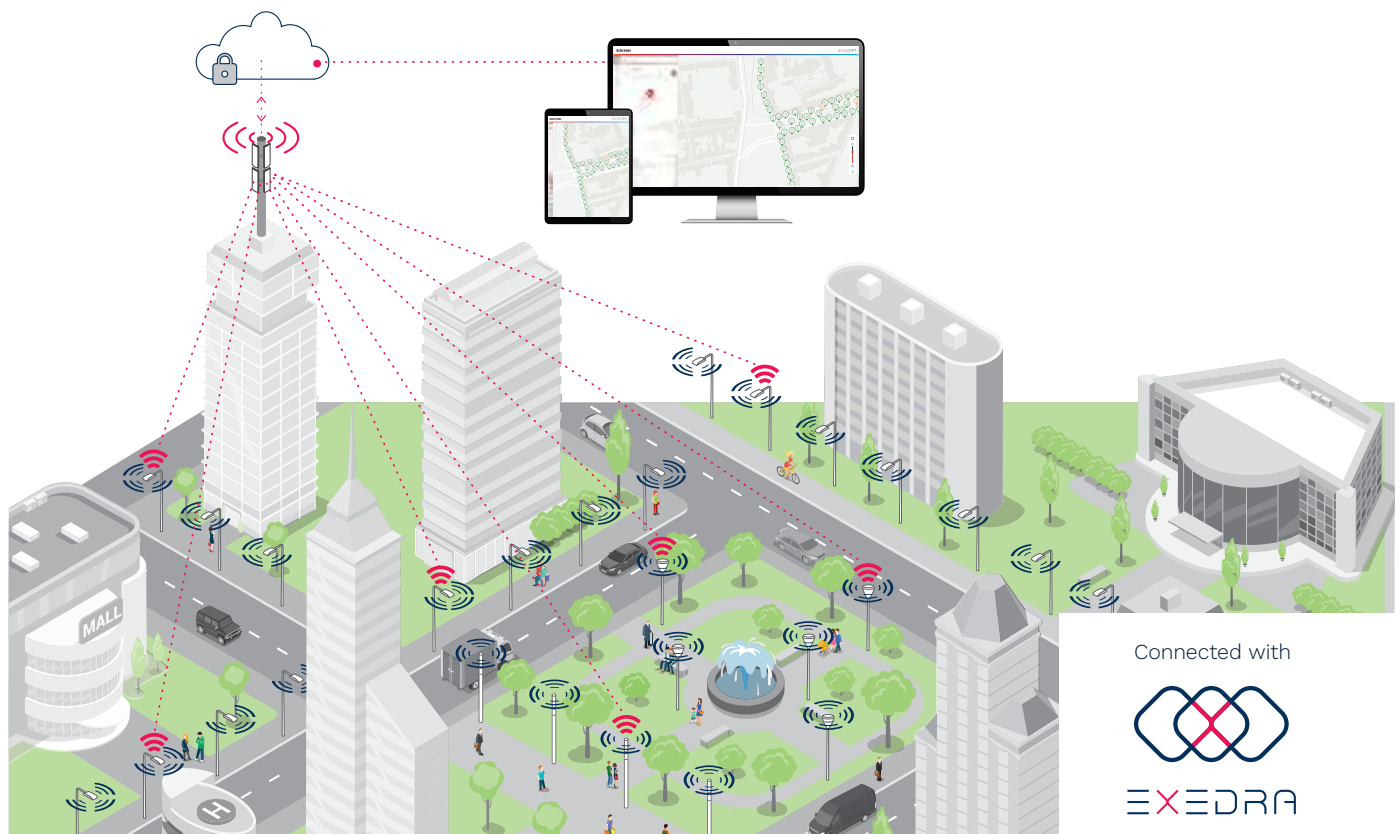
OWLET IV:

the state-of-the-art
wireless controllers
designed for EXEDRA

OWLET IV luminaire controllers operate Schröder's luminaires and luminaires from third parties. They offer easy installation and have fast plug-and-play commissioning. OWLET IV controllers use both cellular and mesh radio networks, **optimising geographical coverage**

and redundancy for continuous operation. DATALIFTs use mesh network to aggregate information from a cluster of MESHNODEs, and forward this on to the IoT platform using cellular connectivity. Among other features, OWLET IV controllers use advanced

cybersecurity mechanisms to protect the deployment in the city and provide accurate power outage information to the city's streetlight managers. OWLET IV controllers are managed with EXEDRA, Schröder's advanced smart lighting management platform.



FEATURES

- > Hybrid architecture: local mesh (MESHNODEs and DATALIFTs) and cellular communication (DATALIFTs)
- > Gateway-less hybrid network architecture using WI-SUN mesh network & cellular connectivity
- > Built-in GPS and built-in photocell to control each luminaire based on local ambient light level
- > Embedded self-test capability to check installation
- > Offers responsive light-on-demand use cases triggered by local sensors
- > Over-the-Air (OTA) firmware update
- > End-to-end encrypted communication

KEY ADVANTAGES

- > Auto-commissioning: easy installation and plug-and-play
- > Auto-geolocation: GPS-location detection and time synchronisation
- > Real time dynamic lighting: mesh technology to broadcast sensor triggering event locally within a cluster of luminaire controllers
- > Last gasp messaging: power outage detection allowing a last message when power cuts off
- > Asset management: asset data import
- > Tunable white: ability to control luminaires with variable colour temperature



OWLET IV N

NEMA



MESHNODE N

DATALIFT N



OWLET IV Z

ZD⁴



DATALIFT Z

MESHNODE Z

Future-proofing the investment



Schröder EXEDRA unifies the lighting network thanks to its ability to control nodes plugged into Zhaga/NEMA sockets and luminaires from multiple manufacturers. With an API, EXEDRA can interact with third-party asset management systems to merge the whole scheme into a unique, modern, insightful and user-friendly platform.

Backing the city branding



Schröder EXEDRA not only provides real-time monitoring of connected urban assets such as luminaires, litter bins or public WiFi. Thanks to its automation centre, you can define conditional rules, set up alarms and automate ticketing to optimise on-site maintenance operations. All IoT devices using the same open standards for data and communication can seamlessly integrate into the platform. And, of course, in these iconic places, lighting can be adapted according to specific schedules to support special events.

Maximising both savings and safety



Schröder EXEDRA enables the creation of lighting scenarios including the most efficient dimming profiles and light-on-demand features based on sensor detection. The selection of sensor(s) to which the luminaires react and the associated configuration parameters (i.e. trigger activation delay, hold time) are easily assigned to luminaire controllers. The detection events generate useful data for decision-making regarding future investments and priorities.

Protecting wildlife



Schröder EXEDRA provides a flexible control solution that enables the creation of various clusters of luminaires programmed with specific scenarios for dimming and colour temperature changes. On installation, the system imports all information related to the luminaire configurations chosen after a careful lighting study. This asset inventory feature enables the implementation of solutions optimised from a design and control point of view.

DECORATIVE



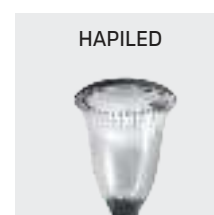
“ Solutions to bring meaningful moments to people in public spaces ”



Schröder

DECORATIVE

PRODUCT RANGE





PHOTOMETRY



SERVICES



CONTROL



PHOTOMETRY



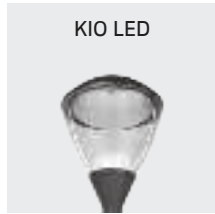
PHOTOMETRY



CONTROL



PHOTOMETRY



PHOTOMETRY



CONTROL



PHOTOMETRY



PHOTOMETRY



SERVICES



PHOTOMETRY



PHOTOMETRY



CONTROL



PHOTOMETRY



CONTROL



PHOTOMETRY



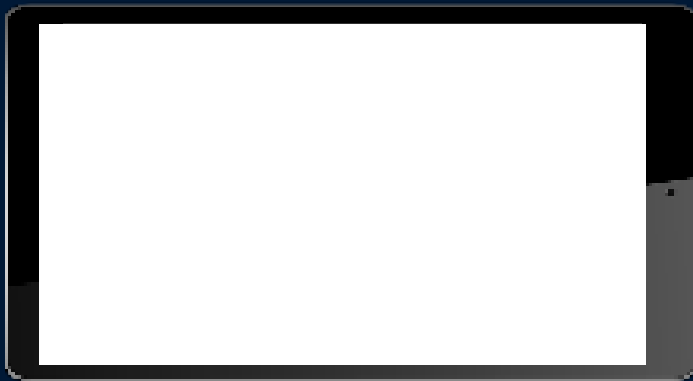
CONTROL



PHOTOMETRY

Explore your
creativity with

FLEXIA



FLEXIA

TOP



FLEXIA

TOP

with Coppa
internal accessory



FLEXIA

BRASO



FLEXIA

TOP

with Quattro
internal accessory

Schröder
Signature





FLEXIA
POEME



FLEXIA
QUERCUS Midi



FLEXIA
QUERCUS Maxi

LISA
CROWN



MONA
CROWN



SCALA
CROWN



FLEXIA
FG MAXI



FLEXIA
FG MIDI



Click for more information 

FLEXIA

Design: iOl Design



MAIN APPLICATIONS



ROADS & MOTORWAYS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

The ultimate platform for your unique urban lighting solution

Various designs, many configurations, one single DNA. FLEXIA is the ultimate platform for creating your unique urban lighting solution.

Focus on creating a unique ambiance for people living in and visiting your spaces instead of dealing with non-stop constraints.

With fewer technical limitations, more design consistency and the guarantee of the latest innovations, FLEXIA offers a versatile technological platform with refined aesthetics.

The FLEXIA range incorporates a refined design and state-of-the-art LED technology to provide an energy-efficient lighting solution that enhances city streets while preventing light pollution.

The FLEXIA range delivers high-quality lighting with design consistency and lowers the carbon footprint of towns and cities - creating a safe and attractive environment.



FLEXIA	FG	BRASO	TOP	DP	POEME	QUERCUS
Recommended installation height	4 to 12m 13' to 39'	4 to 5m 11' to 16'	4 to 5m 11' to 16'	4 to 10m 13' to 33'	4 to 10m 13' to 33'	4 to 12m 13' to 39'
Typical luminaire output flux (range)	600 to 23,100lm	600 to 11,700lm	600 to 11,800lm	600 to 11,800lm	600 to 12,100lm	600 to 23,500lm
Power consumption	7.8W to 174W	8W to 89W	7.8W to 88W	7.8W to 88W	7.8W to 88W	7.8W to 174W
Colour temperature	FlexiWhite (722/726/730) / Warm white (722, 727, 730 and 830) or neutral white (740)					
Nominal voltage	120-277V / 220-240V / 50-60Hz					
Surge protection	10/20kV					



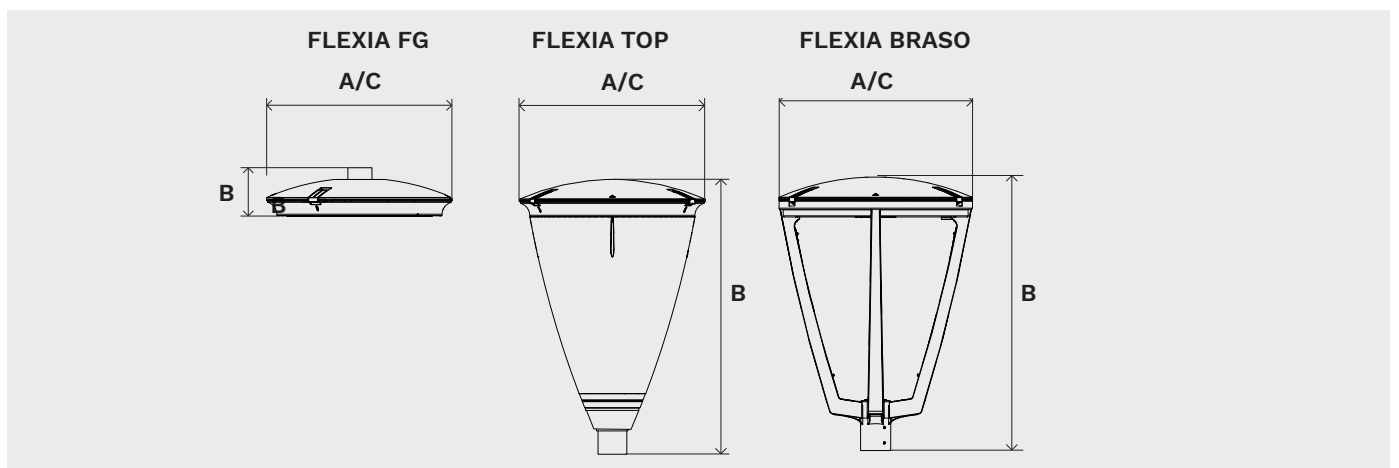


KEY ADVANTAGES

- > State-of-the-art LED modular platform that can be endlessly customised
- > Design consistency for all urban applications
- > Multiple mounting possibilities
- > Tool-free philosophy: opening, cabling and LED engine removal
- > PureNight: dark-sky and low-glare lighting distribution
- > FlexiWhite option for human-centric and nature-friendly scenarios
- > Supplied pre-wired to facilitate installation
- > Smart-city ready (NEMA) and Zhaga-D4i compliant

DIMENSIONS

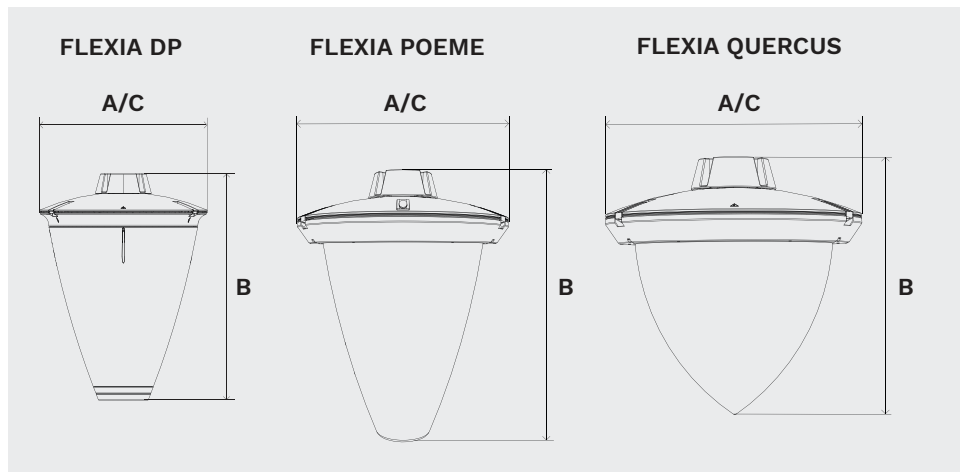
FLEXIA	FG Midi	FG Maxi	TOP Mini	TOP Midi	BRASO
A	504mm 19.8"	610mm 24"	504mm 19.8"	504mm 19.8"	504mm 19.8
B	140mm 5.5"	163mm 6.4"	612mm 24"	752mm 29.6"	752mm 29.6"
C	504mm 19.8"	610mm 24"	504mm 19.8"	504mm 19.8"	504mm 19.8
KG	9.6kg 21.1lbs	14.2kg 31.4lbs	9.8kg 21.6lbs	10kg 22lbs	12kg 26.4lbs



DECORATIVE

DIMENSIONS

FLEXIA	DP	POEME	QUERCUS Midi	QUERCUS Maxi
A	504mm 19.8"	504mm 19.8"	504mm 19.8"	610mm 24"
B	682mm 26.9"	650mm 25.6"	490mm 19.3"	693mm 27.3"
C	504mm 19.8"	504mm 19.8"	504mm 19.8"	610mm 24"
KG	12.6kg 27.8lbs	11.7kg 25.6lbs	11.5kg 25.3lbs	16.8kg 37lbs





DECORATIVE

DESIGN HIGHLIGHTS



FLEXIA Top offers a slip-over mounting on Ø60 or Ø76mm spigots. It is also available for suspended variants.



FLEXIA FG Midi is designed for side-entry mounting with the versatile SOFIA bracket, enabling numerous configurations.



FLEXIA includes instant electrical disconnection on opening and a completely tool-free removable LED engine.



To remain as open and interoperable as possible, all FLEXIA variants are available with both NEMA or Zhaga sockets and comply with the Zhaga-D4i standard.



Whether you go for a classical refined shape or an organic design, the FLEXIA suspended variants blend perfectly into your landscapes to create a unique ambiance.



Built with recyclable materials and with an architecture designed for easy service and refurbishment, FLEXIA is a role model for a circular economy.

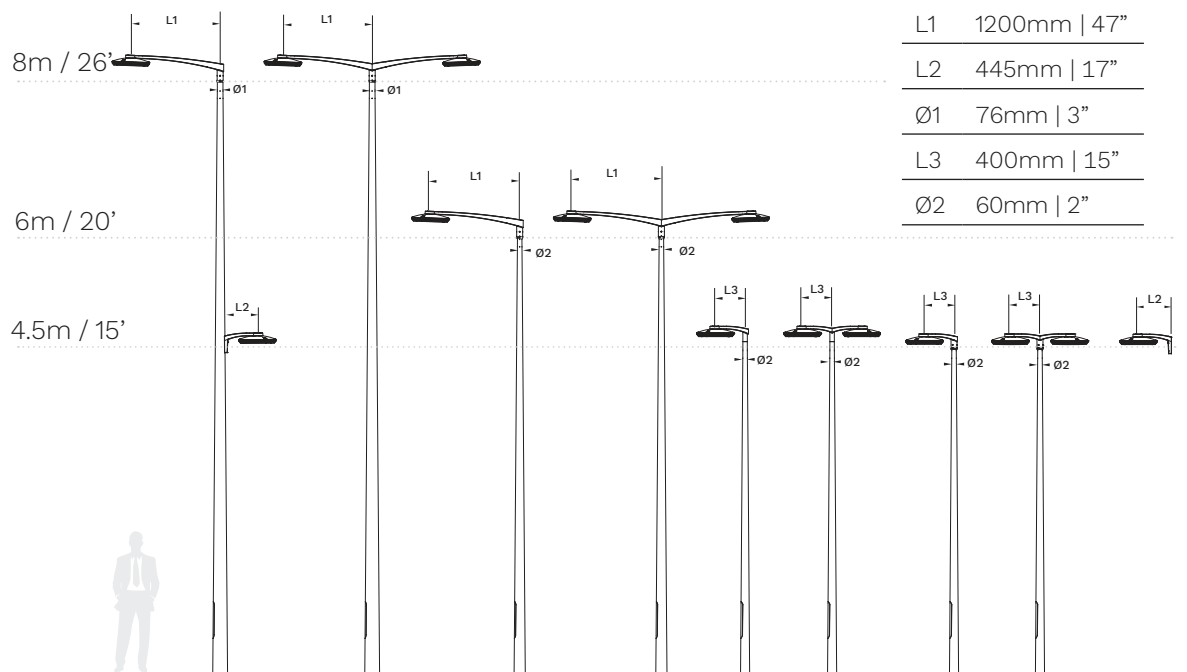


DECORATIVE

FLEXIA



DIMENSIONS





DECORATIVE



Jewel in the crown

Lighting can sometimes be seen as a commodity and luminaires considered as basic urban amenities. But it is not an unavoidable law of nature: not all luminaires have to look the same.

FLEXIA brings a new dynamic and breaks the rules. With its built-in custom capabilities, FLEXIA offers opportunities to reinforce the identity of an environment. It can either blend into a landscape by matching a transport company's branding, embodying a community identity, advocating local craftsmanship, ancestral know-how and industrial successes or be a privileged devotee of local heroes by wearing a sports team's colours. With FLEXIA Signature, there are no limits to the imagination.

Schröder
Signature





PIANO

Design: Michel Tortel



MAIN APPLICATIONS



The ideal
instrument
for urban
environments

Designed by Michel Tortel to enhance urban environments both by day and by night, the PIANO range has a refined design and a high-quality finish.

This luminaire complements any landscape where aesthetics and performance are important. Taking advantage of state-of-the-art LED technology and control solutions, PIANO provides the right light, anywhere, anytime in the urban environment. This range includes 2 different sizes as well as side-entry and post-top fixation so that streets, passages and large pavements can be lit using the same luminaire design.

This winning combination of performance, design and flexibility makes it perfect for lighting streets, pedestrian areas, parks and bike paths. The PIANO range offers towns and cities the ideal tool to improve lighting levels, generate energy savings and reduce their ecological footprint.



PIANO	Mini	Midi
Recommended installation height	4 to 12m / 13' to 39'	
Typical luminaire output flux (range)	1,800 to 7,500lm	3,500 to 16,900lm
Power consumption	18.4W to 53W	34.7W to 117W
Colour temperature	Warm white (727, 730 and 830) or neutral white (740)	
Nominal voltage	220-240V / 120-277V / 347-480V 50-60Hz	
Surge protection	4 / 10 / 20kV	





KEY ADVANTAGES

- > Range of luminaires for various urban applications
- > LensoFlex®2: high-performance photometry
- > FutureProof: smart upgradability
- > Maximised savings in energy and maintenance costs
- > Aesthetic design and high-quality finishing
- > Connected-ready

DIMENSIONS | MOUNTING

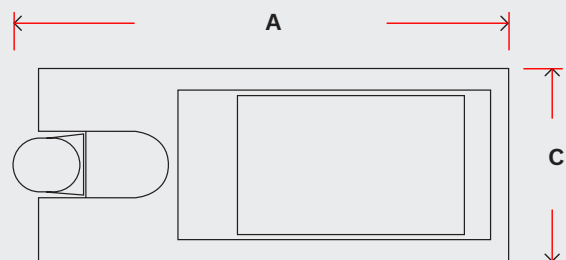
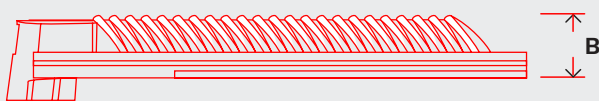
PIANO	Mini	Midi
A	584mm 23"	717mm 28.2"
B	87mm 3.4"	87mm 3.4"
C	277mm 10.9"	277mm 10.9"
KG	7kg 15.4lbs	8.7kg 17.6lbs



Ø60mm
Ø76mm



Ø42mm
Ø48mm
Ø60mm



BRACKETS

With KORDA brackets, the PIANO luminaire creates aesthetical combinations suitable for numerous applications.



DESIGN HIGHLIGHTS



The photometric engine includes a flux enhancer to provide maximised performance without compromising on comfort.



Sustainable and recyclable materials: painted aluminium and an extra-clear glass protector.



PIANO is designed for side-entry or post-top mounting.



For maintenance, the PIANO luminaire can be opened to access internal components.



DECORATIVE

YOA

Design: Michel Tortel



MAIN APPLICATIONS



ROADS & MOTORWAYS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

Efficiency
and style
throughout
the city

The YOA range offers a complete solution for lighting urban spaces with the same efficiency and the same astonishing elegance throughout the city.

From large avenues to narrow streets and squares, the various configurations (side-entry, post-top and catenary solutions) provide aesthetic ensembles to create a distinctive identity for the city landscape.

The YOA luminaire is equipped with the LensoFlex® photometric engine, which offers high-performance photometry optimised for each specific application with minimum energy consumption.



YOA	Midi	Maxi
Recommended installation height	4 to 15m / 13' to 49'	
Typical luminaire output flux (range)	500 to 15,300lm	3,300 to 25,300lm
Power consumption	8.7W to 116W	38W to 167W
Colour temperature	Warm white (727, 730, 822 and 830), or neutral white (740)	
Nominal voltage	120-277V / 220-240V / 347V 50-60Hz	
Surge protection	10kV	





KEY ADVANTAGES

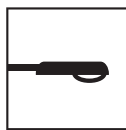
- > Maximised savings on energy and maintenance costs
- > LensoFlex®2 offering high performance photometry, comfort and safety
- > High-end aesthetic finish
- > Flexible number of LED modules and photometry
- > ThermiX® for long lasting performance
- > Connected-ready

DIMENSIONS | MOUNTING

YOA	Midi	Maxi
A	500mm 19.7"	650mm 25.6"
B	92mm 3.6"	92mm 3.6"
KG	13kg 28.6lbs	20kg 44lbs

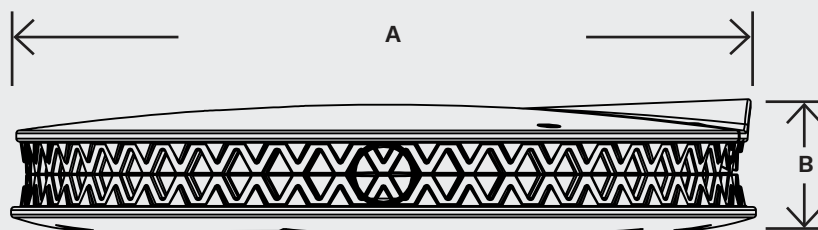


Ø76mm



Ø48mm
Ø60mm

YOA Midi is also available with a catenary mounting.



DECORATIVE

BRACKETS

With TRESSA brackets, the YOA luminaire creates aesthetical combinations suitable for numerous applications.



DESIGN HIGHLIGHTS



YOA offers numerous mounting options: post-top, side-entry and catenary.



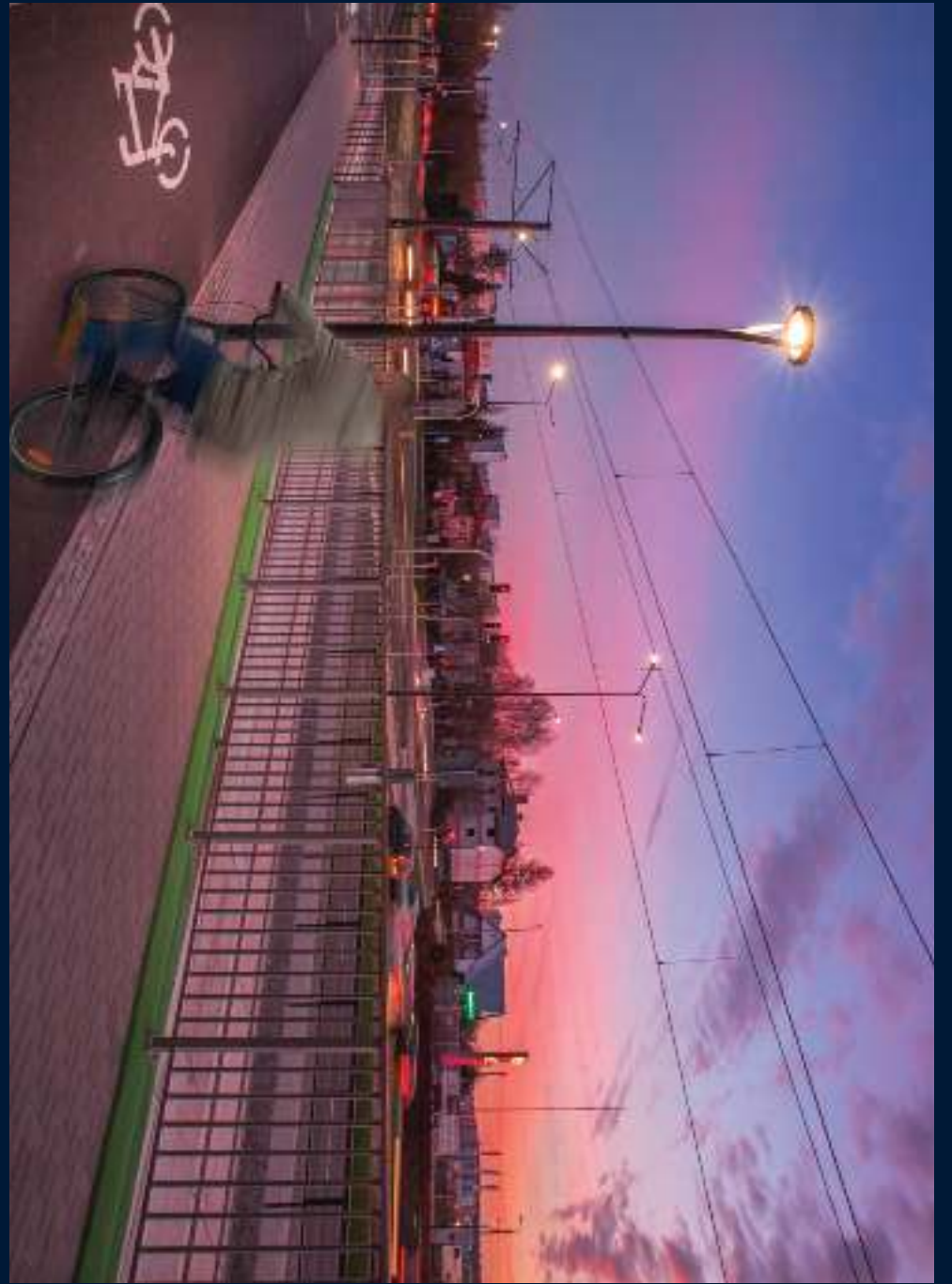
YOA is available with TRESSA, LUCEA and LYRE brackets.



YOA offers a high-quality finish.



YOA can be fitted with a Back Light Control system to prevent intrusive light.



DECORATIVE

CITEA NG2



MAIN APPLICATIONS



The iconic urban lighting luminaire gets a makeover

The CITEA NG2 luminaires are keeping their renowned pure urban design and getting a complete technical makeover to integrate the latest photometric and connectivity technology.

CITEA NG2 is equipped with innovative photometric engines, specifically developed to provide high visual performance while considerably reducing energy consumption. CITEA NG2 is also a connected-ready lighting solution, available with various connectivity options to bring urban lighting into the smart technology era and ease lighting management.

Following their predecessors' philosophy, the CITEA NG2 luminaires are designed to efficiently light various spaces where the safety and well-being of those using the environment are essential.



CITEA NG	Mini	Midi
Recommended installation height	4m to 12m 13' to 39'	
Typical luminaire output flux (range)	900 to 21,200lm	900 to 21,100lm
Power consumption	10.5W to 173W	10.5W to 148W
Colour temperature	Warm white (722, 727, 730 and 830), or neutral white (740)	
Nominal voltage	120-277V / 220-240V / 347V 50-60Hz	
Surge protection	10 / 20kV	





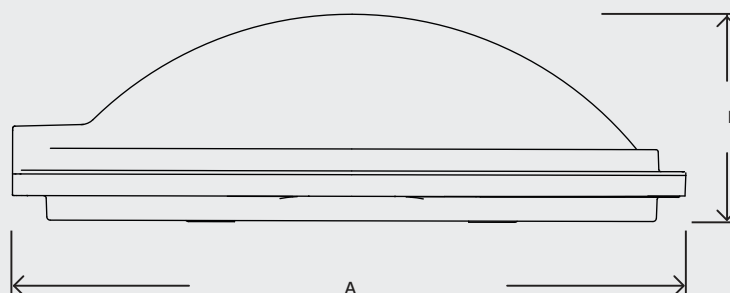
KEY ADVANTAGES

- > Timeless and elegant design for rural and urban environments
- > Two sizes available: Mini and Midi
- > Protector in extra-clear tempered glass for high performance
- > Wide range of mounting options and brackets
- > Low energy consumption
- > FutureProof: photometric engine and electronic assembly are easy to replace on site
- > Connected-ready for your future smart city requirements
- > Zhaga-D4i certified
- > Solar-powered variants

DIMENSIONS | MOUNTING

CITEA NG	Mini	Midi
A	500mm 19.7"	595mm 23.4"
B	160mm 6.3"	185mm 7.3"
KG	12kg 26.4lbs	15kg 33lbs

The CITEA NG range is available with numerous options for post-top, side-entry, catenary, wall or suspended mounting. Please consult us for more information.



BRACKETS

With FLO brackets, the CITEA NG luminaire creates aesthetical combinations suitable for numerous applications.



DESIGN HIGHLIGHTS



CITEA NG2 is equipped with the latest photometric engines to provide the best performance.



CITEA NG2 benefits from a large range of mounting options and brackets.



The CITEA NG2 door can be fully removed to easily integrate any future technologies.



CITEA NG2 is a connected-ready luminaire integrating the latest connectivity options.



DECORATIVE

YMERA

Design: AF Lighting



MAIN APPLICATIONS



ROADS & MOTORWAYS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

Aesthetic appeal, comfort and efficiency

The YMERA luminaire features a refined design and state-of-the-art LED technology, providing an energy-efficient lighting solution that enhances city streets.

Suited to roads, public squares and other urban outdoor areas, YMERA enables high-quality lighting and a lower carbon footprint for towns and cities - creating a safe and attractive environment.

Scandinavian inspired, YMERA brings elegance to cities through four distinctive versions including an illuminated dome and a decorative skirt.

YMERA benefits from highly efficient light distributions that are compliant with stringent standards for glare control. This refined luminaire has been specifically developed to reduce disability glare and improve the quality of light.



YMERA

Recommended installation height	4 to 12m / 13' to 40'
Typical luminaire output flux (range)	1,300 to 14,400lm
Power consumption	18.1W to 105W
Colour temperature	Warm white (727, 730, 822 and 830) or neutral white (740)
Nominal voltage	220-240V – 50-60Hz
Surge protection	4 / 10kV





KEY ADVANTAGES

- > Elegant and robust design with four aesthetic versions
- > State-of-the-art LED technology for low energy consumption
- > Broad range of lighting distributions
- > High visual comfort: glare up to G*4 class, TI <6%
- > Designed for side-entry and post-top mounting (depending on accessory)
- > Supplied pre-wired to facilitate installation (optional quick-on connectors)
- > Connected-ready

DIMENSIONS | MOUNTING

YMERA	Basic	Dome + Skirt
A	568mm 22.3"	573mm 22.5"
B	116mm 4.5"	190mm 7.5"
C	462mm 18.8"	472mm 18.6"
KG	8kg 17.6lbs	9kg 19.8lbs

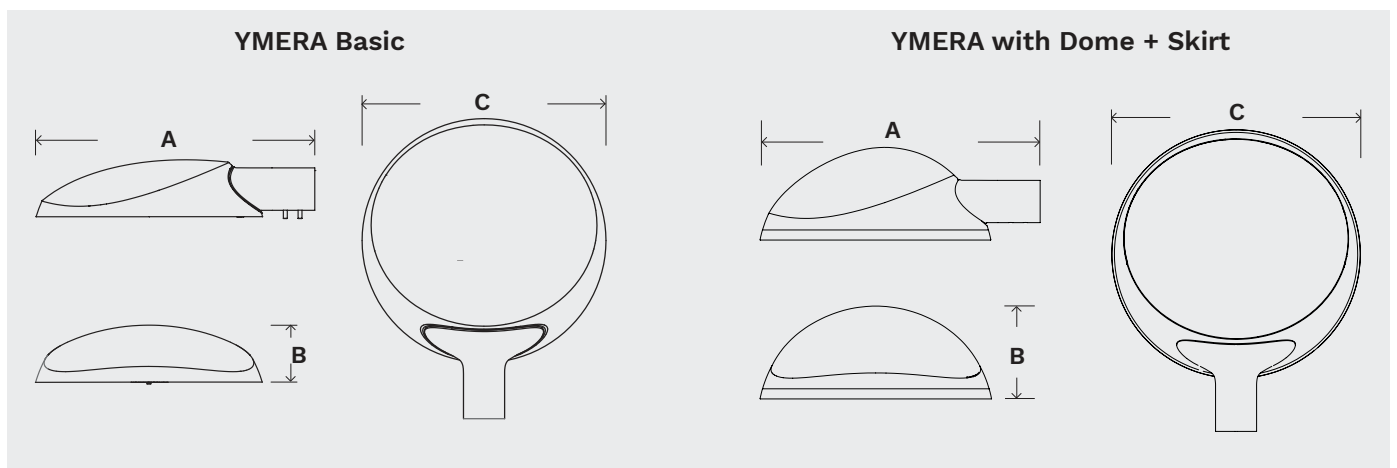


Ø76mm



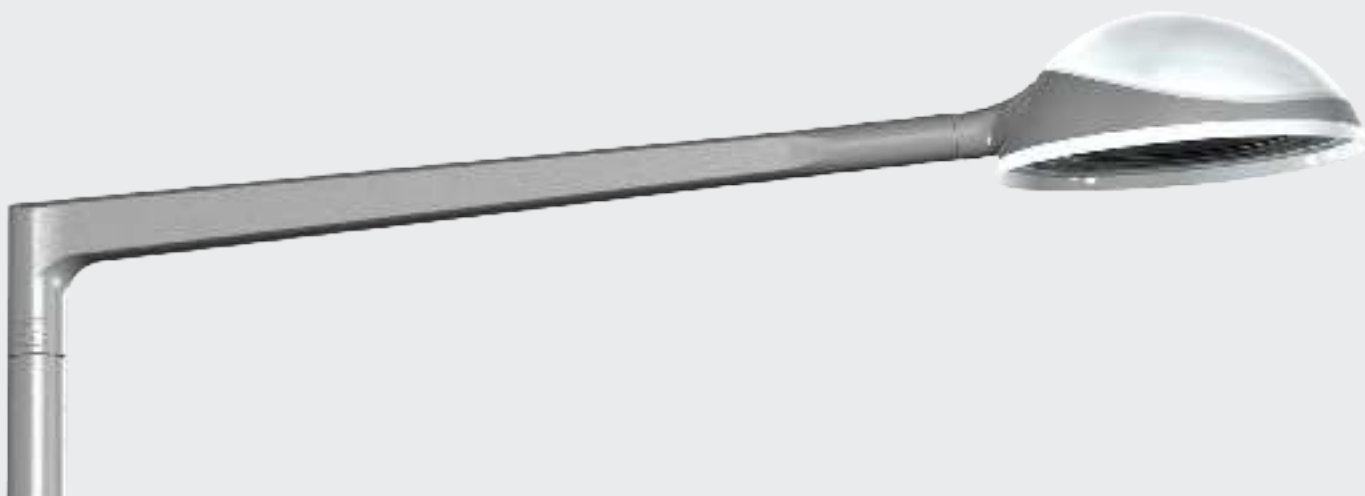
Ø42mm
Ø60mm

YMERA is available with numerous options for post-top, side-entry or suspended mounting. Please consult us for more information.



BRACKETS

With MILLA brackets, the YMERA luminaire creates aesthetical combinations suitable for numerous applications.



DESIGN HIGHLIGHTS



YMERA includes a universal Ø60mm slip-over fixation piece.



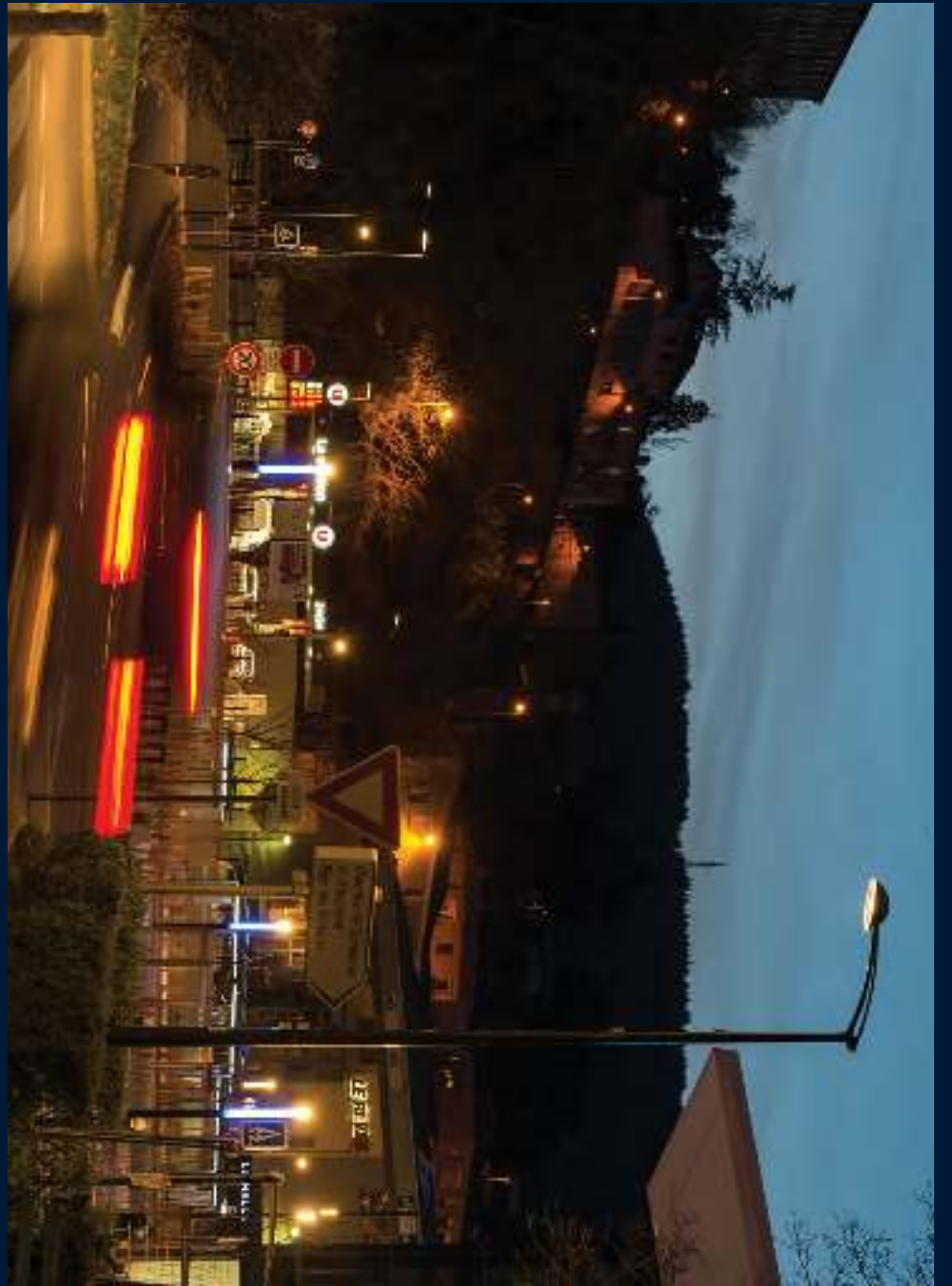
A penetrating fixation piece for a Ø60mm tube is available as an option for flush mounting.



YMERA is available with an illuminated dome (high-power LED) and a decorative skirt.



As an option to increase the lumen output, a flux enhancer can be placed around the LEDs.



DECORATIVE

HESTIA GEN2

Design: Elizabeth de
Portzamparc



MAIN APPLICATIONS



Elegant
solution with
cutting-edge
LED
technology

HESTIA GEN2 is a fluid, light and elegant LED luminaire designed to bring a touch of refinement to your urban spaces while helping you benefit from the advantages of the latest lighting innovations.

HESTIA GEN2 offers an economical lighting solution based on state-of-the-art photometric technologies. This luminaire is available with different lumen packages, all characterised by low energy consumption for high-quality photometric performance.

Available in 2 sizes (Mini and Midi), this outdoor LED lighting adapts to any kind of urban space. HESTIA GEN2 is a connected-ready luminaire that can be fitted with various remote control technologies to enable perfectly optimised urban lighting management.



HESTIA LED	MINI	MIDI
Recommended installation height	4 to 12m / 13' to 39'	
Typical luminaire output flux (range)	900 to 8,800lm	2,600 to 14,2000lm
Power consumption	10W to 62W	25W to 102W
Colour temperature	Warm white (722, 727, 730 and 830) or neutral white (740)	
Nominal voltage	120-277V / 220-240V / 347V / 50-60Hz	
Surge protection	10kV	





KEY ADVANTAGES

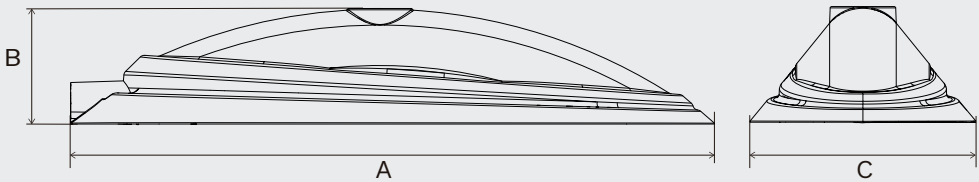
- > Elegant design incorporating the advantages of LED technology
- > Low energy consumption
- > Range with two sizes and numerous lumen packages
- > Proven LensoFlex®4 photometrical engines
- > Connected-ready for your future smart city requirements
- > Compatible with the Schröder EXEDRA control platform
- > Zhaga-D4i certified

DIMENSIONS | MOUNTING

HESTIA GEN2	Mini	Midi
A	780mm 30.7"	925mm 36.4"
B	139mm 5.5"	166mm 6.5"
C	266mm 10.5"	324mm 12.8"
KG	7kg 15.4lbs	10kg 22lbs



Ø34mm



DECORATIVE

ALBANY



MAIN APPLICATIONS





A versatile
best-seller
converted to
connected
LED
technology

A classic of the Victorian era, ALBANY is notable for its versatility.

Available in two sizes, with a range of LED photometric engines and a timeless design, it is suitable for large urban centres as well as villages or towns.

Adopted from Spain to China and from Brazil to Malaysia, the design of the ALBANY luminaires please at every latitude.

Now equipped with state-of-the-art LED technology, this classic luminaire is ready to improve the quality, comfort and safety of your lighting installation while offering significant energy savings and reduced CO₂ emissions.

		
	ALBANY LED	ALBANY LED Maxi
Recommended installation height	4 to 10m / 13' to 33'	
Typical luminaire output flux (range)	600 to 15,600lm	800 to 11,800lm
Power consumption	8W to 114W	11W to 101W
Colour temperature	Warm white (722, 727, 730, 822 and 830) or neutral white (740)	
Nominal voltage	220-240V / 50-60Hz	
Surge protection	10kV	





KEY ADVANTAGES

- > A classic shape with the advantages of LED technology
- > Low energy consumption
- > Photometric engines adapted to various applications
- > Two sizes for aesthetic coherence
- > Robust, recyclable materials
- > Numerous mounting options (various post-top or suspended)
- > Connected-ready (ALBANY GEN2 Midi only)
- > Zhaga-D41 certified (ALBANY GEN2 Midi only)

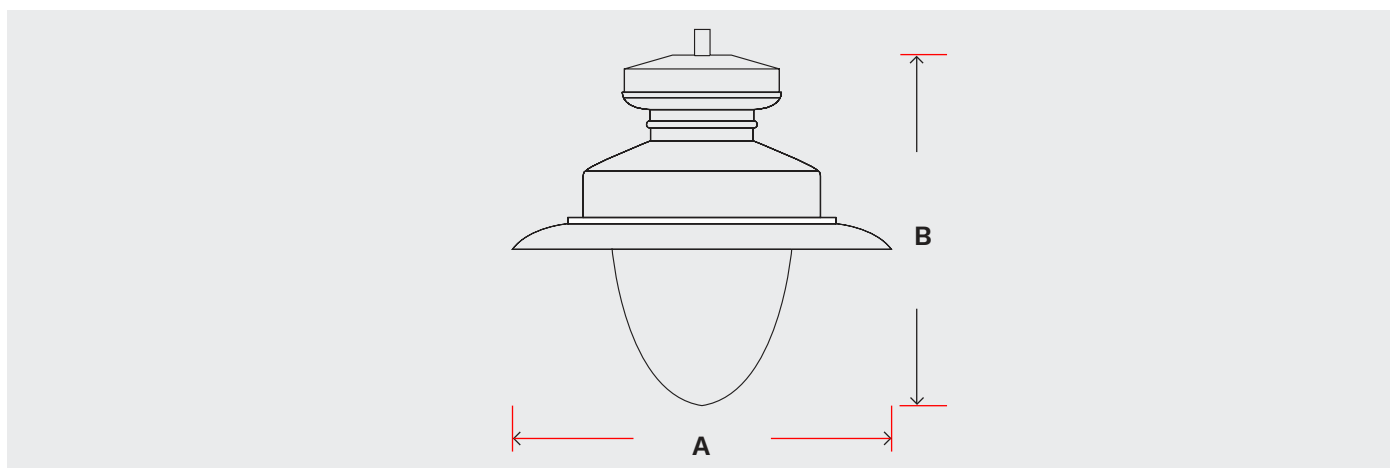
DIMENSIONS | MOUNTING

ALBANY	GEN2 Midi	LED Maxi
A	555mm 21.9"	700mm 27.6"
B	629mm 24.8"	650mm 25.6"
KG	8.8-11.8kg 19.4-26lb	10kg 22lb



Ø60mm
Ø76mm
Ø89mm
Ø101mm

ALBANY is available with numerous options for post-top, suspended or catenary mounting. Please consult us for more information.



DESIGN HIGHLIGHTS



Two sizes to offer the best solution for every application.



ALBANY can be mounted using suspended, catenary and post-top fixations.



ALBANY is available with a wide range of optics.



Easy access to the LED engine and control gear.



ALBANY (GEN2 Midi) is a connected-ready luminaire with both NEMA and Zhaga options.



ALBANY (GEN2 Midi) meets the requirements of a circular economy.



DECORATIVE

DEXO

Design: Thomas Coulbeaut



MAIN APPLICATIONS



ROADS & MOTORWAYS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

A modern
identity for
efficient
catenary
LED lighting

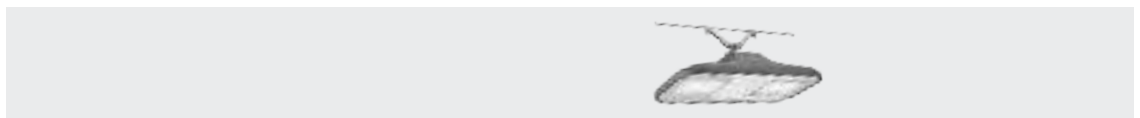
The DEXO luminaire uses state-of-the-art LED technology to provide cost-effective lighting for urban catenary applications.

The combination of a pure and elegant design with the high-performance LensoFlex® LED photometric engine increases safety and comfort while creating a distinctive identity in the city.

Made of robust, recyclable materials - die-cast aluminium and glass - DEXO offers efficient lighting with dramatic energy savings compared with luminaires equipped with traditional light sources.

The DEXO can be equipped with its suspension in transversal or axial orientation to suit most applications in urban lighting.

The flexible combinations of LED configurations, driving currents and dimming options make DEXO the perfect tool for improving safety and comfort while reducing the ecological footprint.



DEXO

Recommended installation height	4 to 10m / 13' to 33'
Typical luminaire output flux (range)	3,800 to 12,700lm
Power consumption	35W to 96W
Colour temperature	Warm white 730 or neutral white 740
Nominal voltage	220-240V / 50-60Hz
Surge protection	10kV





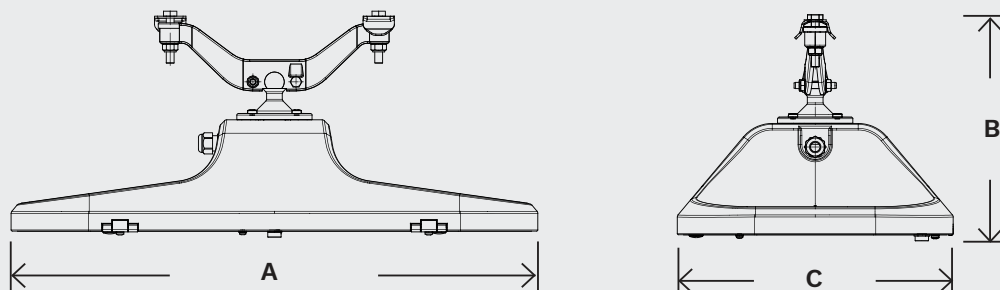
KEY ADVANTAGES

- > Elegant design for catenary lighting solutions
- > Maximised savings in energy and maintenance costs
- > LensoFlex®2 offering high performance photometry, comfort and safety
- > Symmetrical or asymmetrical light distributions
- > FutureProof : smart upgradability
- > Durable and recyclable materials

DIMENSIONS | MOUNTING

DEXO

A	672mm 26.4"
B	196mm 7.7"
C	352mm 13.8"
KG	11.5kg 25.3lbs



MODULLUM

Design: Volker von Kardorff



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

Combining all lighting needs in a single column

The MODULLUM range offers a lighting system for the creativity of architects and city planners.

Reducing the quantity of poles and organising urban furniture in an optimal manner are key issues for preserving open spaces and making them as welcoming as possible.

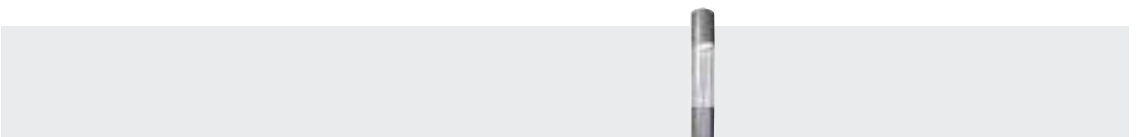
The MODULLUM column provides a comprehensive solution for a variety of applications throughout the city.

Thanks to multiple lighting configurations, it can potentially meet every need in the urban space.

The versatility of MODULLUM, with its different modules as well as variable diameters and heights of up to 9.5 metres, guarantees a perfect match between the column and its architectural environment.

MODULLUM is available in four sizes and can be equipped with one to five modules which swivel around 360° so as to better fit the desired function: lighting roads and squares, illuminating façades or accentuating objects.

MODULLUM offers a broad palette of light distributions for each of its configurations.



MODULLUM

Typical luminaire output flux (range) (for 1 module)	600 to 6,300lm
Power consumption (for 1 module)	10W to 65W
Colour temperature	Warm or neutral white
Nominal voltage	220-240V / 120-277V 50-60Hz
Surge protection	10kV



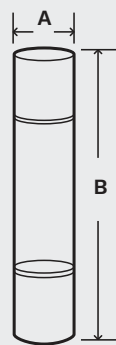


KEY ADVANTAGES

- > Multiple configurations: 4 sizes with up to 5 modules per column
- > Designed for multi-purpose lighting: from ambiance to architectural and street lighting
- > Total versatility with 360° rotatable modules
- > Adjustable on site (spot module)
- > Durable, recyclable and robust materials
- > Easy installation and maintenance

DIMENSIONS | MOUNTING

MODULLUM	Micro	Mini	Midi	Maxi
A	Ø127mm 5"	Ø127mm 5"	Ø178mm 7"	Ø245mm 9.6"
B	370mm 14.5"	370mm 14.5"	460mm 18.1"	610mm 24"
Number of modules	1	1-4	1-4	1-5



AMBIANCE LIGHTING



ARCHITECTURAL LIGHTING



STREET LIGHTING

RIVARA

Design: Eclipz



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

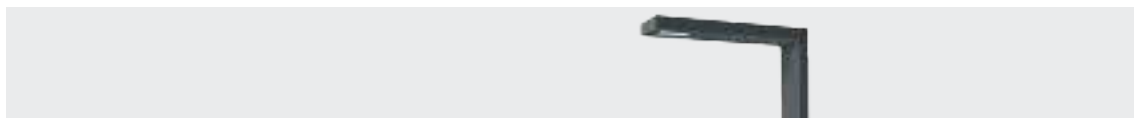
Refined design and LED technology: the ideal combination for urban lighting

With its simple but very elegant linear design, RIVARA provides a complete range of luminaires to light diverse landscapes.

The RIVARA luminaire is available with a single or double bracket. A wall bracket is also available to maintain aesthetic consistency in areas where poles cannot be installed. A bollard of 1.25m complements the range and provides a solution for pathways and surrounding areas.

This winning combination of performance, design and flexibility enables the RIVARA range to light streets, residential areas, parks, bicycle and pedestrian paths with a better quality of light.

Furthermore, it generates energy savings and reduces the ecological footprint with perfect aesthetic integration into the environment.



RIVARA

Recommended installation height	4 to 6m / 13' to 20'
Typical luminaire output flux (range)	800 to 6,600lm
Power consumption	9.7W to 53W
Colour temperature	Warm white (727, 730 and 830) or neutral white (740)
Nominal voltage	220-240V / 50-60Hz
Surge protection	10kV



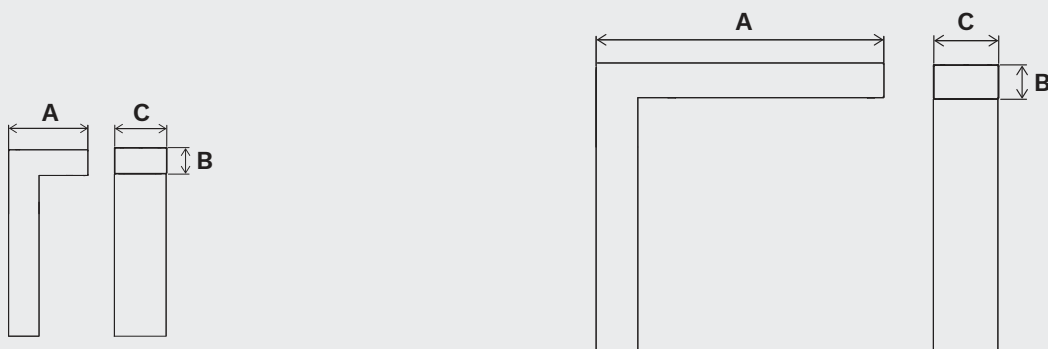
KEY ADVANTAGES

- > Pure and simple design
- > Elegant and comfortable solution for creating ambiance
- > LensoFlex®2 photometric engine with photometry adapted to various applications
- > FutureProof: easy replacement of photometric engine and power supply on site
- > ThermiX® for long lasting performance



DIMENSIONS | MOUNTING

RIVARA	Bollard (1.25m)	Luminaire
A	350mm 13.8"	1100mm 43.3"
B	100mm 3.9"	100mm 3.9"
C	180mm 7.1"	180mm 7.1"
KG	23.5kg 51.7lbs	16kg 35.2lbs



DECORATIVE

BORA

Design: Michel Tortel



MAIN APPLICATIONS



BIKE &
PEDESTRIAN
PATHS



CAR PARKS



BRIDGES



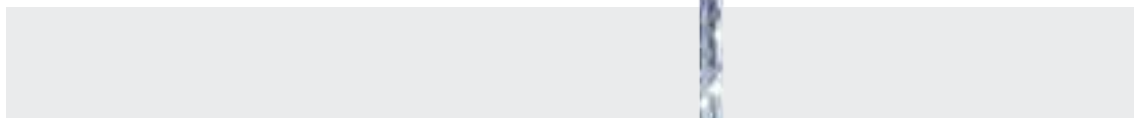
SQUARES &
PEDESTRIAN
AREAS

Design and
safety in a
single column

The BORA family of bollards, available in 4 sizes and fitted with LEDs integrated into a perforated structure, constitutes a highly original mode of expression.

By day, the design and pure form of the bollards make a distinctive statement. Once night has fallen, they combine aesthetics and functionality.

The tallest model (3 metres) facilitates facial recognition, thereby creating a sense of safety. Visual comfort is created through a smart mix of white and blue sources distributed up and down the column.



BORA

Typical luminaire output flux	300 to 2,300lm
Power consumption	8W to 33W
Colour temperature	Warm or neutral white
Nominal voltage	220-240V / 50-60Hz
Surge protection	10kV



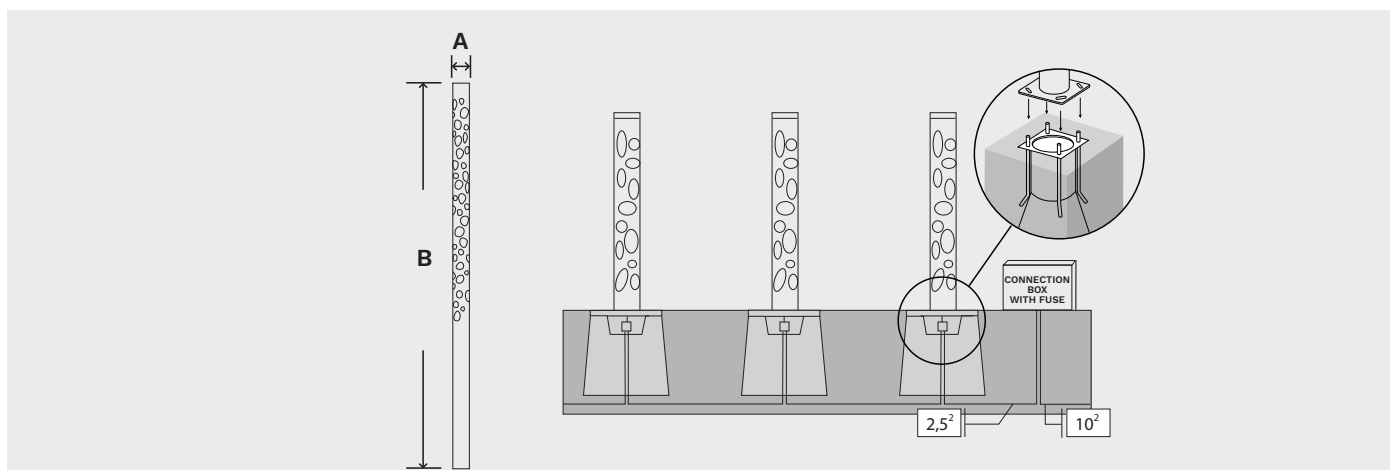


KEY ADVANTAGES

- > Symmetrical and asymmetrical light distributions
- > Excellent facial recognition (3m model)
- > Visual comfort
- > Minimal power consumption
- > Aesthetic design by day and night
- > Range of 4 models to cater for all types of application

DIMENSIONS | MOUNTING

BORA	Micro	Mini	Midi	Maxi
A	Ø160mm 6.5"	Ø115mm 4.5"	Ø115mm 4.5"	Ø115mm 4.5"
B	250mm 9.8"	600mm 2'	1100mm 3.6'	3000mm 10'
KG	2.5kg 4.4lbs	5.4kg 11.9lbs	9.1kg 20lbs	25kg 55lbs



BORA EXPLORA GEN2



MAIN APPLICATIONS



BIKE &
PEDESTRIAN
PATHS



CAR PARKS



BRIDGES

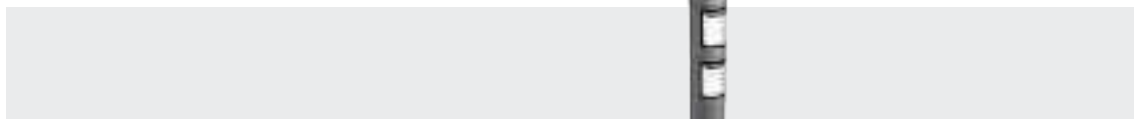


SQUARES &
PEDESTRIAN
AREAS

The modern
lighting
bollard that
blends
into your
urban
landscape

BORA EXPLORA GEN2 allies a modern shape with a discreet design to subtly blend into any landscape.

This lighting bollard has been designed to efficiently light urban spaces such as parks, squares, pedestrian areas, bike path and city centres. It delivers the right lumen package to gently guide people through your city and create a feeling of well-being and security. Available with one or two LED lighting modules, this inventive bollard is capable of delivering lighting with an orientation of up to 180°.



BORA EXPLORA GEN2

Typical luminaire output flux	400 to 1000lm
Power consumption	9.9W to 18W
Colour temperature	Warm white (727 and 730) or neutral white (740)
Nominal voltage	220-240V / 50-60Hz
Surge protection	10kV





KEY ADVANTAGES

- > Extra high tightness level (IP 67)
- > Robust yet discreet design to blend into any environment
- > Specifically conceived for lighting urban spaces
- > No light pollution

DIMENSIONS | MOUNTING

BORA EXPLORA GEN2

A	Ø250mm 9.8"
B	1020mm 40.2"
C	Ø250mm 9.8"
KG	6.7kg 14.7lbs



PERLA

Design: Michel Tortel



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

A precious ring
in the urban
night

The distinctive design of PERLA guarantees a valuable presence in the public space.

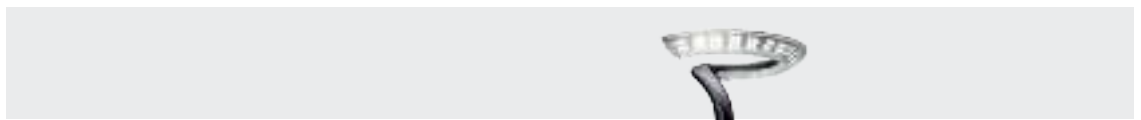
PERLA's sober and pure line plays an important aesthetic role both by day and night.

By day, the luminaire's curve allows the sky and the architectural environment to peek through.

By night, the circular arrangement of the LEDs gives life to a ring of light that floats in the darkness of the city.

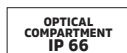
Depending on the chosen photometry, PERLA meets the requirements for lighting streets, squares and parks.

As an option, PERLA can be equipped with a ring of blue or RGB low-power LEDs that accentuate the luminaire's nocturnal presence.



PERLA

Recommended installation height	4 to 6m / 13' to 20'
Typical luminaire Output flux (range)	5,800lm
Power consumption	73W
Colour temperature	Warm white 830
Nominal voltage	220-240V / 50-60Hz
Surge protection	10kV



KEY ADVANTAGES

- > Aesthetic design
- > Creation of ambiance
- > Low height solution
- > Variable intensity and flexible programming
- > Low energy consumption



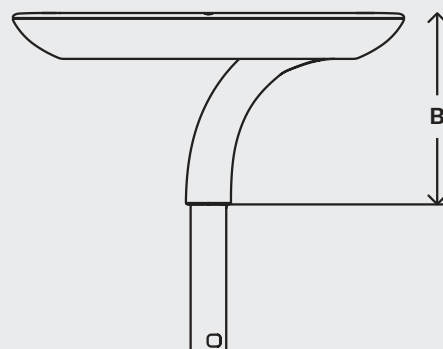
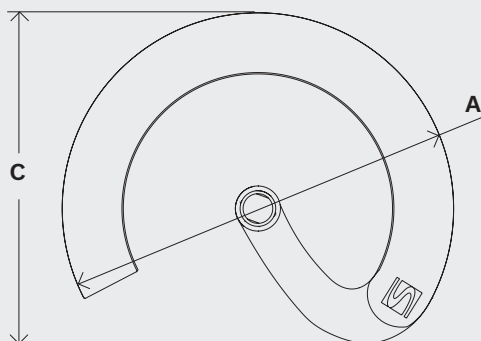
DIMENSIONS | MOUNTING

PERLA

A	660mm 26"
B	322mm 12.7"
C	557mm 21.9"
KG	8kg 17.6lbs



Ø76mm



DECORATIVE

CALLA LED



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

Indirect
LED lighting
solution for
a convivial
ambiance

The CALLA LED luminaire can incorporate a direct or an indirect photometric engine to attractively light residential neighbourhoods, parks, urban centres and more.

This elegant, organic luminaire ensures a distinctive presence in public spaces, both by day and at night. The indirect lighting guarantees pleasant, glare-free ambient lighting, while the direct version provides the right lumen package to light your urban spaces.

CALLA LED is especially designed for stylish, decorative lighting where performance, aesthetics and light pollution factors are important criteria.



CALLA LED

Recommended installation height	3.5 to 5m / 10' to 16'
Typical luminaire Output flux (range)	1,800 to 5,400lm
Power consumption	18W to 38W
Colour temperature	Warm white (730 and 830) or neutral white 740
Nominal voltage	220-240V / 50-60Hz
Surge protection	10kV



KEY ADVANTAGES

- > IP66 tightness level
- > ThermiX® to maintain performance over time
- > Supplied pre-wired to facilitate installation
- > FutureProof: easy replacement of the photometric engine and electronic assembly
- > Tool-free access for maintenance
- > Connected-ready for your future smart city requirements
- > Indirect or direct lighting



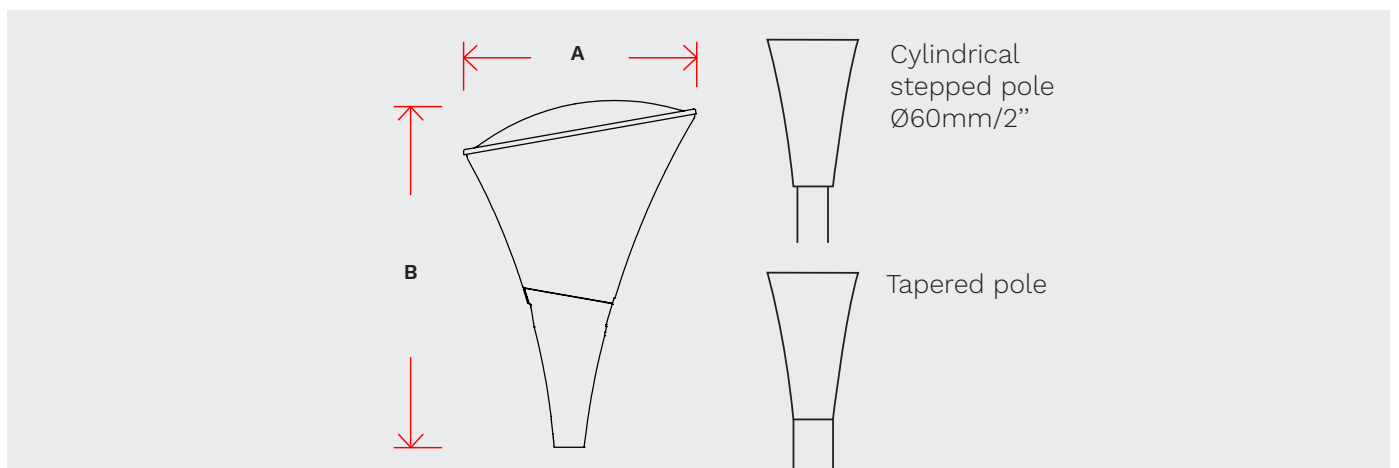
DIMENSIONS | MOUNTING

CALLA LED

A	593mm 23.3"
B	881mm 34.7"
KG	11kg 24.2lbs



Ø60mm
Ø76mm



DESIGN HIGHLIGHTS



CALLA LED offers slip-over mounting onto a Ø60mm or Ø76mm (with adapter) spigot.



CALLA LED provides direct or indirect lighting.



CALLA LED can be easily opened, without any tools, for maintenance.



The CALLA LED luminaire (direct lighting models only) is available with a NEMA or a Zhaga socket (Zhaga-D4i compliant luminaire).



DECORATIVE

ZYLINDO



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

A classic design
integrating
the latest
technology

With two timeless aesthetic designs, ZYLINDO blends into any kind of urban environment.

ZYLINDO has been designed to provide efficient and sustainable lighting for various urban applications. With a very high degree of impact resistance and a high tightness level, this luminaire is built to withstand harsh environmental conditions and vandalism to perform over time.

The elegant cylindrical shape with a 360° clear protector hosts the proven LensoFlex® photometric engine, providing symmetrical and asymmetrical light distributions.

ZYLINDO is available as a smooth cylinder or with a large canopy. Both versions are delivered pre-wired. They offer tool-free access to the optical unit and gear compartment to facilitate maintenance operations.



ZYLINDO

Recommended installation height	3m to 6m / 10' to 20'
Typical luminaire output flux (range)	500 to 6,600lm
Power consumption	9.8W to 53.5W
Colour temperature	Warm white (727, 730, 822 and 830) or neutral white (740)
Nominal voltage	220-240V / 50-60Hz
Surge protection	6 / 8 / 10kV





KEY ADVANTAGES

- > Elegant and robust design with 2 aesthetic versions
- > State-of-the-art LED technology for low energy consumption
- > LensoFlex®2 photometric engine providing asymmetrical and symmetrical lighting distributions
- > Optional internal diffuser for high visual comfort
- > Designed for mounting on both Ø60mm (with an accessory) and Ø76mm spigots
- > Supplied pre-wired to facilitate installation
- > Connected-ready

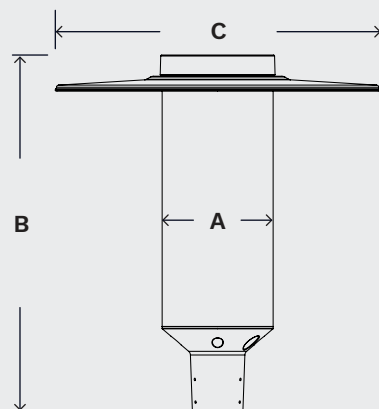
DIMENSIONS | MOUNTING

ZYLINDO

A	220mm 8.7"
B	708mm 27.9"
C	644mm 25.4"
KG	Smooth cylinder version 7.8kg 15.4lbs Large canopy version 9.2kg 20.2lbs



Ø60mm
Ø76mm



DECORATIVE

SHUFFLE POST-TOP



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

The perfect addition

Designed to light roads, streets, squares and other places where creating a pleasant atmosphere is a key element, the post-top version of the SHUFFLE is an elegant cylindrical luminaire that blends into any environment.

Based on the 360° module of the SHUFFLE column, it offers the same design, technical characteristics and lighting distributions. SHUFFLE Post-Top benefits from a wide range of photometries and provides aesthetic consistency in environments lit by both the luminaire and column versions of the SHUFFLE.

The SHUFFLE Post-Top luminaire is available as a smooth cylinder or with a large canopy. Like the SHUFFLE column, this street lighting solution offers control options for stand-alone, autonomous and interoperable networks (remote management).



SHUFFLE Post-Top

Recommended installation height	3 to 6m / 10' to 20'
Typical luminaire output flux (range)	1,500 to 8,100lm
Power consumption	18W to 68W
Colour temperature	Warm white (727, 730 and 830) or neutral white 740
Nominal voltage	120-277V / 220-240V / 50-60Hz
Surge protection	10 / 20kV



KEY ADVANTAGES

- > Perfect complement to the SHUFFLE column
- > Elegant and robust design with 2 aesthetic versions
- > State-of-the-art LED technology for low energy consumption
- > LensoFlex® photometric engines providing asymmetrical and symmetrical light distributions
- > Optional sanded protector for enhanced visual comfort
- > Connected-ready



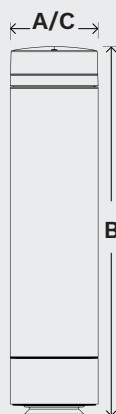
DIMENSIONS | MOUNTING

SHUFFLE Post-Top

	Without canopy	With canopy
A	194mm 7.6"	700mm 27.6"
B	816mm 32.1"	816mm 32.1"
C	194mm 7.6"	700mm 27.6"
KG	8kg 17.6lbs	9.8kg 21.6lbs



Ø60mm
Ø76mm



OYO

Design: Michel Tortel



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

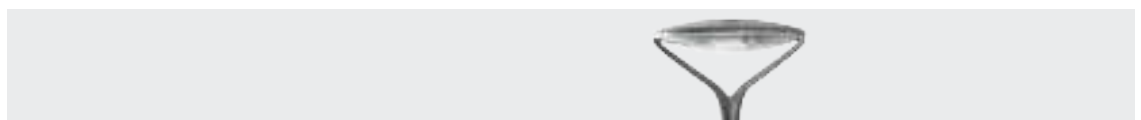
The perfect match between elegance and performance

OYO follows in the steps of the successful range of post-top luminaires developed by Schröder.

This new smart luminaire has been designed to blend into any urban area where its sophisticated outline will enhance the environment.

With its arched design on two refined supports, this new decorative luminaire brings a contemporary touch of elegance to the city.

Based on the proven LensoFlex® photometric engines, OYO offers a wide range of light distributions to provide a harmonious compromise between safety, comfort and energy efficiency for various environments. As an option, OYO can be equipped with various control options for even more efficiency. It can also be fitted with an integrated PIR sensor for light-on-demand scenarios.



OYO

Recommended installation height	4 to 8m / 13' to 26'
Typical luminaire output flux (range)	800 to 10,100lm
Power consumption	11W to 80W
Colour temperature	Warm white (722, 727, 730 and 830) or neutral white (740)
Nominal voltage	220-240V / 50-60Hz
Surge protection	10kV



KEY ADVANTAGES

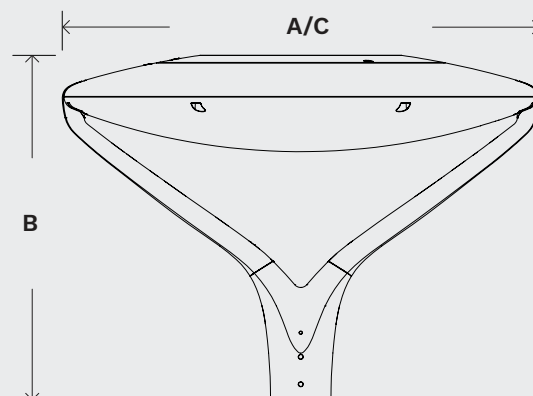
- > Elegant and robust design by Michel Tortel
- > State-of-the-art LED technology for low energy consumption
- > LensoFlex® photometric engines providing asymmetrical and symmetrical light distributions
- > Supplied pre-wired to facilitate installation
- > Integrated motion detection sensor (option)
- > Connected-ready



DIMENSIONS | MOUNTING

OYO

A	610mm 24"
B	440mm 17.3"
C	610mm 24"
KG	10kg 22lbs



HAPILED

Design: Michel Tortel



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

Ambiance
combined
with
energy
performance

Atmosphere, comfort and energy savings to ideally replace the opal sphere luminaire.

Lighting parks, squares and residential areas requires a specific approach that is very different from lighting roads.

The creation of ambiance plays a prominent role.

However, this must not be done at the expense of efficiency.

The age of the opal sphere luminaire with high energy consumption and a source of light pollution is gone forever.

HAPILED, an economical, aesthetic, robust and efficient LED solution, is here to replace it.



HAPILED

Recommended installation height

3 to 5m / 10' to 16'

Typical luminaire output flux (range)

800 to 12,400lm

Power consumption

11.4W to 105W

Colour temperature

Warm white (727, 730, 827 and 830) or neutral white (740)

Nominal voltage

220-240V / 50-60Hz

Surge protection

10kV





KEY ADVANTAGES

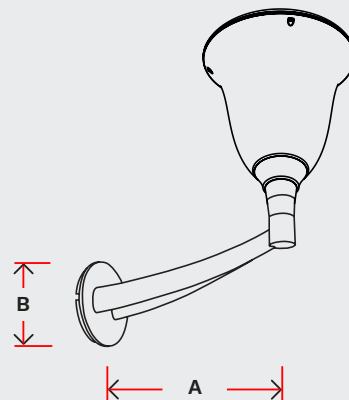
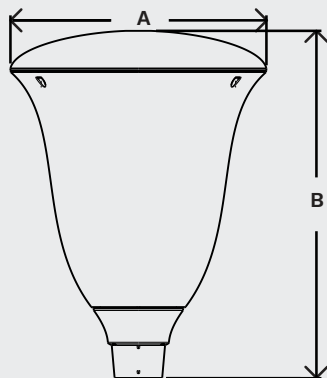
- > Elegant and comfortable solution for creating a warm ambiance
- > Low energy consumption
- > Low light pollution (ULOR 3%)
- > Several light distributions
- > FutureProof: designed for on-site replacement of the LED photometric engine
- > Luminaire supplied pre-wired to facilitate installation
- > Connected-ready

DIMENSIONS | MOUNTING

HAPILED	Post-top	Wall-mounted
A	410mm 16.1"	645mm 25.4"
B	556mm 21.9"	Ø270mm 10.6"
KG	6kg 13.2lbs	-



Ø60mm



DECORATIVE

PILZEO

Design: Achilles Design



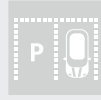
MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

Elegant and cost-effective solution with cutting-edge LED technology

The PILZEO post-top luminaire transforms the classic 'mushroom' lantern into a contemporary design. Based on the proven LensoFlex® LED engine, PILZEO ensures photometric performance to provide safety and well-being in the public space.

The name PILZEO refers directly to the 'Pilzleuchte' - literally 'mushroom luminaire' - a very popular type of lantern in German-speaking countries.

This classical form has been refreshed to provide aesthetic continuity while generating massive energy savings.

The PILZEO luminaire is adapted to various urban landscapes such as residential areas, parks, squares, bicycle paths and historical urban centres.



PILZEO

Recommended installation height	3 to 5m / 10' to 16'
Typical luminaire output flux (range)	1100 to 7,800lm
Power consumption	10W to 64W
Colour temperature	Warm white (727, 730 and 830) or neutral white (740)
Nominal voltage	220-240V / 50-60Hz
Surge protection	10kV





KEY ADVANTAGES

- > Cost-effective lighting solution for the creation of ambiance
- > Elegant design for low height installation
- > Tool-free access for maintenance
- > Connected-ready

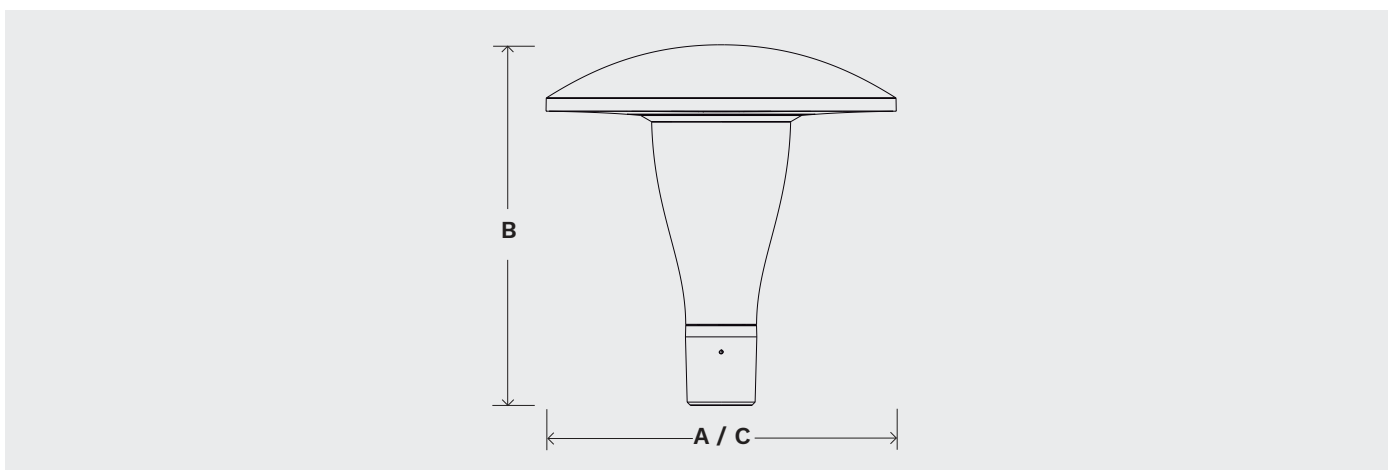
DIMENSIONS | MOUNTING

PILZEO

A	524mm 20.7"
B	539mm 21.3"
C	524mm 20.7"
KG	6.7kg 14.7lbs



Ø60mm
Ø76mm



DECORATIVE

ALURA LED

Design: Michel Tortel



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

Ambiance lighting, combining comfort and efficiency

The ALURA LED luminaire combines efficiency, aesthetics and visual comfort.

With its timeless elegance and its high performance photometry, this luminaire is a distinctive tool for lighting urban centres, squares, bike paths, residential streets and car parks.

Available with a striated polycarbonate protector, ALURA LED creates a warm ambiance while generating significant energy savings. It ensures safety and well-being in public spaces in the most sustainable way.



ALURA LED

Recommended installation height	3 to 5m / 10' to 16'
Typical luminaire output flux (range)	800 to 7,700lm
Power consumption	10.9W to 74W
Colour temperature	Warm white (727, 730 and 830) or neutral white (740)
Nominal voltage	120-277V / 220-240V / 50-60Hz
Surge protection	10 / 20kV





KEY ADVANTAGES

- > Cost-effective lighting solution for the creation of ambiance
- > Elegant design for low height installation
- > IP 66 tightness level for long lasting performance
- > Tool-free access for maintenance
- > Connected-ready

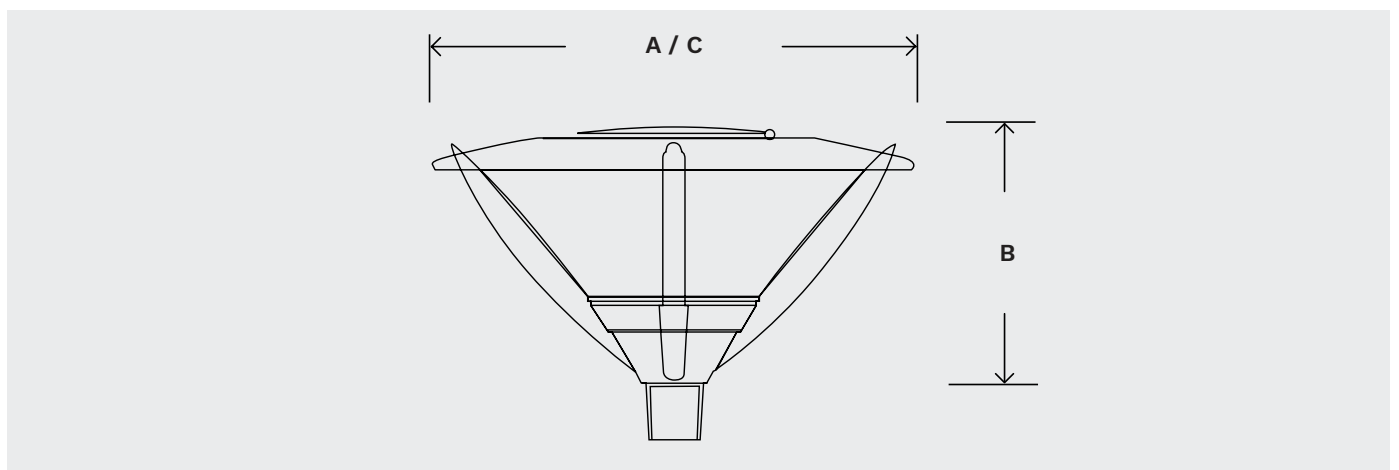
DIMENSIONS | MOUNTING

ALURA LED

A	695mm 27.4"
B	456mm 18"
C	695mm 27.4"
KG	15kg 33lbs



Ø60mm



DECORATIVE

ISLA LED

Design : Michel Tortel



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

Elegant,
economical
solution with
cutting-edge
LED
technology

The ISLA LED luminaire is an economical lighting solution based on LED technology.

It is available with numerous light distributions, all characterised by low energy consumption and high-quality photometric performance.

Designed by Michel Tortel, the ISLA LED luminaire presents an elegant design that perfectly integrates into many urban and residential environments.

The ISLA LED luminaire is composed of aluminium and glass.



ISLA LED

Recommended installation height	4 to 6m / 13' to 20'
Typical luminaire output flux (range)	1,600 to 5,900lm
Power consumption	18.1W to 50W
Colour temperature	Warm white (727, 730 and 830) or neutral white (740)
Nominal voltage	220-240V / 50-60Hz
Surge protection	10kV





KEY ADVANTAGES

- > Perfect control of light distributions
- > Low energy consumption
- > LensoFlex®2: high-performance photometry adapted to various applications
- > Elegant design for low height installation
- > No light pollution (ULOR 0 %)
- > Connected-ready

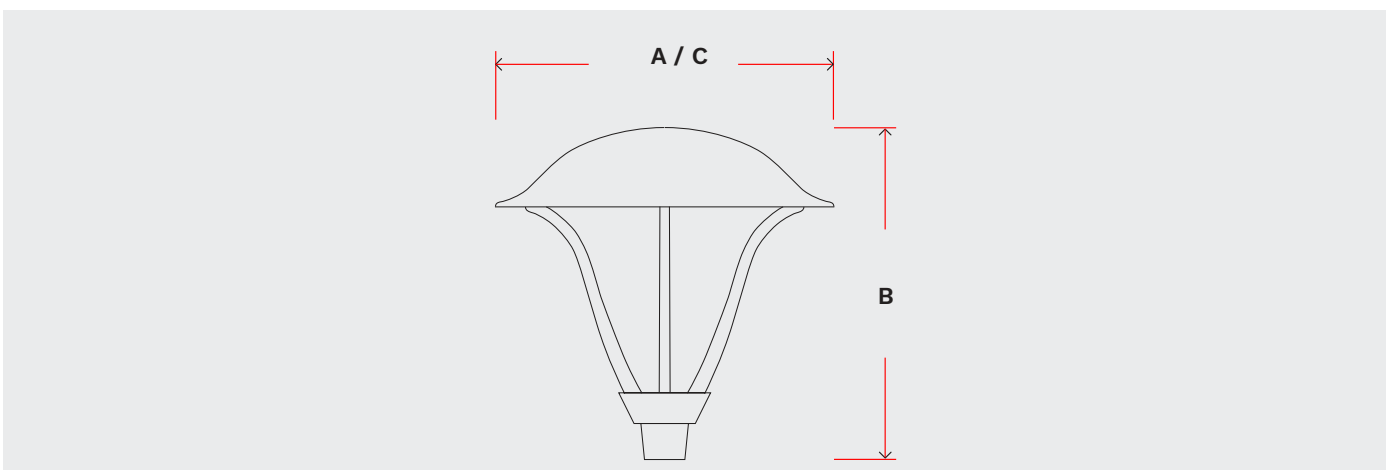
DIMENSIONS | MOUNTING

ISLA LED

A	647mm 25.5"
B	636mm 25"
C	647mm 25.5"
KG	9.5kg 20.9lbs



Ø60mm
Ø76mm



DECORATIVE

KIO LED

Designer: Grandesign



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

Elegance,
comfort,
creation
of ambiance
and
performance

The clean, fluid lines of the KIO LED luminaire adapt to various urban landscapes such as parks, squares, gardens and residential areas.

KIO LED combines the energy efficiency of LED technology with the photometric performance of the LensoFlex® concept developed by Schréder.

This luminaire offers photometric efficiency with visual comfort for the creation of ambiance. It is available with multiple light distributions that provide excellent photometric performance.



KIO LED

Recommended installation height	3 to 5m / 10' to 16'
Typical luminaire output flux (range)	800 to 9,200lm
Power consumption	9.8W to 70W
Colour temperature	Warm white (727, 730 and 830) or neutral white (740)
Nominal voltage	220-240V / 50-60Hz
Surge protection	10kV





KEY ADVANTAGES

- > LensoFlex®2: high-performance photometry adapted to various applications
- > Visual comfort
- > Creation of ambiance
- > Limited maintenance
- > FutureProof: easy replacement of the photometric engine and electronic assembly
- > Connected-ready

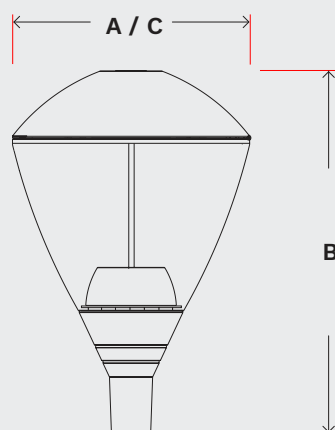
DIMENSIONS | MOUNTING

KIO LED

A	460mm 18.1"
B	703mm 27.7"
C	460mm 18.1"
KG	8.2kg 18lbs



Ø60mm



DECORATIVE

DESIGN HIGHLIGHTS



KIO LED can incorporate various control and dimming options.



KIO LED is available with a wide range of LensoFlex®2 optics.



This luminaire offers slip-over mounting onto a Ø60mm spigot.



KIO LED is available in two versions: direct and comfort (high visual comfort).



DECORATIVE

FRIZA

Designer: Achilles Design



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

Modern
classic design
for
cost-effective
residential
lighting

Designed to light various urban landscapes such as residential areas, parks, squares, bicycle paths and urban historical centres, the FRIZA luminaire combines timeless design with the energy efficiency of LED technology.

The name FRIZA refers to Friesland, a Dutch province and one of the many regions where the original conical 'Kegel' luminaire remains very popular.

This classical shape is now refreshed to provide aesthetic continuity while generating massive energy savings.

FRIZA ensures photometric performance and comfort (low glare) to offer safety and well-being in the public space.

The robust design of the FRIZA luminaire guarantees maintained performance over time.



FRIZA

Recommended installation height

3 to 5m / 10' to 16'

Typical luminaire output flux (range)

900 to 7,100lm

Power consumption

10.4W to 49W

Colour temperature

Warm white (727, 730 and 830) or neutral white (740)

Nominal voltage

220-240V / 50-60Hz

Surge protection

10kV





KEY ADVANTAGES

- > Cost-effective lighting solution for the creation of ambiance
- > Right lighting through LensoFlex®2 offering high performance photometry, comfort and safety
- > Supplied pre-wired to facilitate its installation
- > FutureProof: easy replacement of the photometric engine and electronic assembly
- > Connected-ready

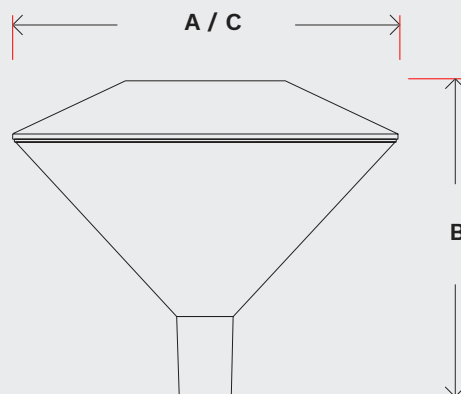
DIMENSIONS | MOUNTING

FRIZA

A	564mm 22.2"
B	462mm 18.2"
C	564mm 22.2"
	9kg 19.8lbs



Ø60mm



DECORATIVE

DESIGN HIGHLIGHTS



FRIZA ensures performance and comfort with its clear protector and internal diffuser.



The luminaire is supplied pre-wired to facilitate installation.



FRIZA offers a slip-over mounting onto Ø60mm spigots.



An integrated hinge retains the canopy and prevents it from falling when opened.



DECORATIVE

INOA LED

Design: Michel Tortel



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

Elegance,
comfort,
creation
of atmosphere
and efficiency

While delivering a high degree of visual comfort, INOA LED enables significant energy savings compared to equivalent luminaires fitted with traditional light sources.

The INOA LED luminaire is available in a wide range of versions. The diffuser bowl can be equipped with an additional clear or striated protector. This second protector surrounds the luminaire with subtle charm.

At night, the magic happens: when one approaches it, the drop of light in the protector seems to move under the play of the reflections.

These various configurations are combined with two sizes of top canopy: small or large.

The discreet elegance of the INOA LED luminaire makes it an ideal choice for enhancing any landscape. It offers several light distributions to meet the requirements for lighting parks and squares as well as urban and residential areas.



INOA LED

Recommended installation height	3.5 to 5m / 11' to 16'
Typical luminaire output flux (range)	700 to 9,900lm
Power consumption	11W to 75W
Colour temperature	Warm white (727, 730 and 830) or neutral white (740)
Nominal voltage	220-240V / 50-60Hz
Surge protection	10kV



KEY ADVANTAGES

- > High visual comfort
- > Low power consumption
- > Multiple configurations
- > Magic of light thanks to protector
- > FutureProof: easy replacement of the photometric engine and electronic assembly
- > Easy maintenance



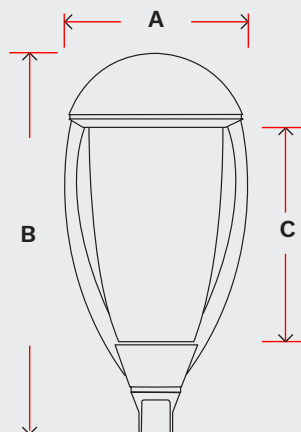
DIMENSIONS | MOUNTING

INOA LED

A	431mm 16.9"
B	903mm 35.5"
C	533mm 21"
KG	11.5-15kg 25.3-33.1lbs



Ø60mm



DECORATIVE

STYLAGE

Design: Michel Tortel



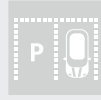
MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

Style and performance for a new age

With its typical 4-faced design, the STYLAGE luminaire brings classical style lanterns into the 21st century.

Thanks to its modern twist on a classic design, the STYLAGE urban luminaire easily blends into both historical city centres and areas with more contemporary architecture.

STYLAGE is the ideal tool for creating aesthetic consistency in cities composed of a mixture of heritage and modern architecture and that wish to highlight their historical patrimony while accentuating their commitment to the future.



STYLAGE

Recommended installation height	3 to 5m / 10' to 16'
Typical luminaire output flux (range)	700 to 10,700lm
Power consumption	10W to 89W
Colour temperature	Warm white (722, 727, 730 and 830) or neutral white (740)
Nominal voltage	120-277V / 220-240V / 50-60Hz
Surge protection	10kV 20kV





KEY ADVANTAGES

- > Elegant, comfortable solution for creating ambiance
- > Available with a flat glass or a polycarbonate full protector
- > Post-top or suspended mounting
- > No light pollution: ULOR 0% in flat glass version
- > Connected-ready
- > LensoFlex®4 versatile solutions for high-end photometries maximising comfort and safety

DIMENSIONS | MOUNTING

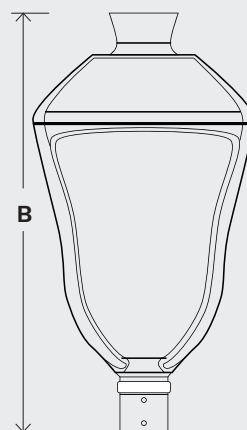
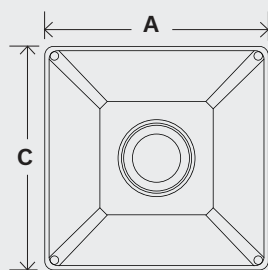
STYLAGE

A	373mm 14.7"
B	705mm 27.8"
C	373mm 14.7"
KG	8kg 17.6lbs



3/4" gas male
Ø60mm

STYLAGE is available with 3/4" gas suspended mounting.



VALENTINO GEN2



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

The classic urban lighting lantern with advanced technology

Beneath its classic and timeless design, VALENTINO GEN2 incorporates cutting-edge LED and connection technologies.

It benefits from the energy efficiency of LEDs with the photometric performance of the LensoFlex® concept developed by Schröder. VALENTINO GEN2 is available in numerous configurations to light urban roads, streets, squares, parks and car parks.

With its various control options, this stylish luminaire is also connected-ready for your smart city projects.

VALENTINO GEN2 is the ideal tool for providing efficient lighting while creating attractive public spaces imbued with a sense of belonging, well-being and safety



VALENTINO GEN2

Recommended installation height	4 to 10m / 13' to 33'
Typical luminaire output flux (range)	600 to 12,500lm
Power consumption	8W to 114W
Colour temperature	Warm white (727, 730, 830) or neutral white (740)
Nominal voltage	220-240V / 50-60Hz
Surge protection	10kV





KEY ADVANTAGES

- > Heritage design for maintaining ambiance and identity
- > Low energy consumption
- > No light pollution (ULOR 0%)
- > Connected-ready for your future smart city requirements
- > Compatible with the Schröder EXEDRA control platform
- > Zhaga-D4i certified
- > CM-compliant
- > Proven LensoFlex®4 photometric engines

DIMENSIONS | MOUNTING

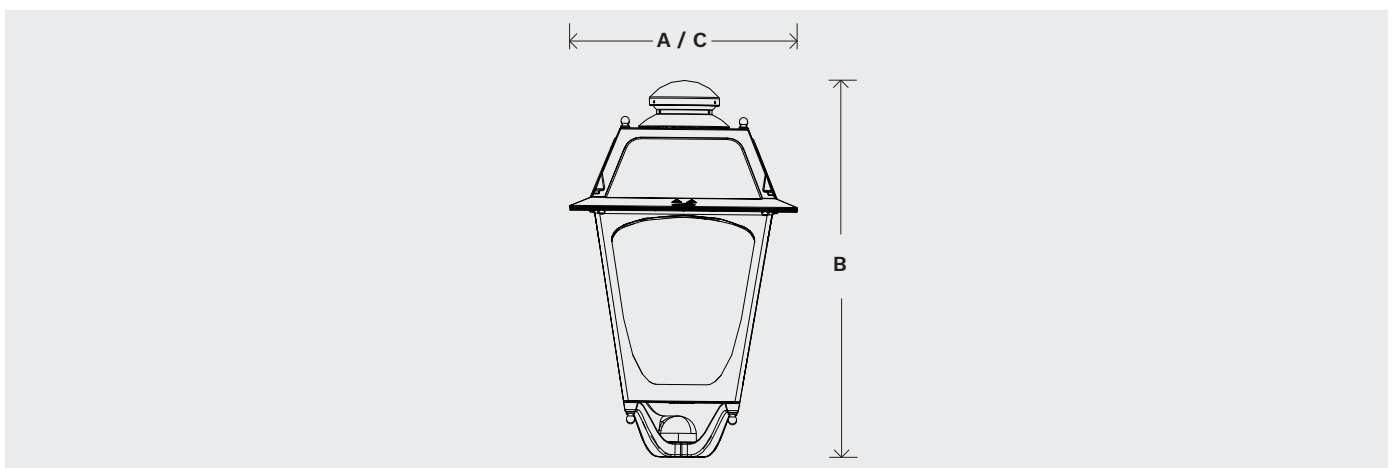
VALENTINO LED

A	400mm 15.7"
B	667mm 26.3"
C	400mm 15.7"
KG	8.7-11.4kg 17.6-24.2lbs



3/4" gas male
Ø60mm

VALENTINO LED is available with 3/4" gas suspended mounting.



DECORATIVE

DESIGN HIGHLIGHTS



VALENTINO GEN2 provides a stylish, robust and sustainable lighting solution.



VALENTINO GEN2 offers various control and sensor options, in both post-top and suspended versions.



ULOR 0% for the flat glass version.



A toolless opening version is available as an option.



VALENTINO GEN2 is offered with a transparent or frosted deep protector.



VALENTINO GEN2 is designed to meet the requirements of a circular economy.



DECORATIVE

ZELA

Design: Michel Tortel



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS

Elegant,
cost-effective
lighting
solution for
the creation
of ambiance

ZELA provides a cost-effective indirect lighting solution for the creation of ambiance.

This modern luminaire is characterised by its distinct flat and conical diffuser, made possible by incorporating LED technology.

Designed by Michel Tortel, this compact luminaire harmoniously integrates both functionality and finish.

For instance, the cooling fins on the base section add a certain elegance by continuing the flow of the pole.

ZELA emits a pleasant, low glare light, making it perfect for architectural spaces.



ZELA

Recommended installation height 3 to 6m / 10' to 20'

Typical luminaire output flux (range) 400 to 3,700lm

Power consumption 10W to 41W

Colour temperature Warm white 830 or neutral white 740

Nominal voltage 220-240V / 50-60Hz

Surge protection 10kV





KEY ADVANTAGES

- > Low glare thanks to indirect lighting
- > Delivered pre-wired to ease installation
- > Available with multiple lumen packages
- > Symmetrical light distribution for general area lighting or asymmetrical light distribution for lighting roads and streets

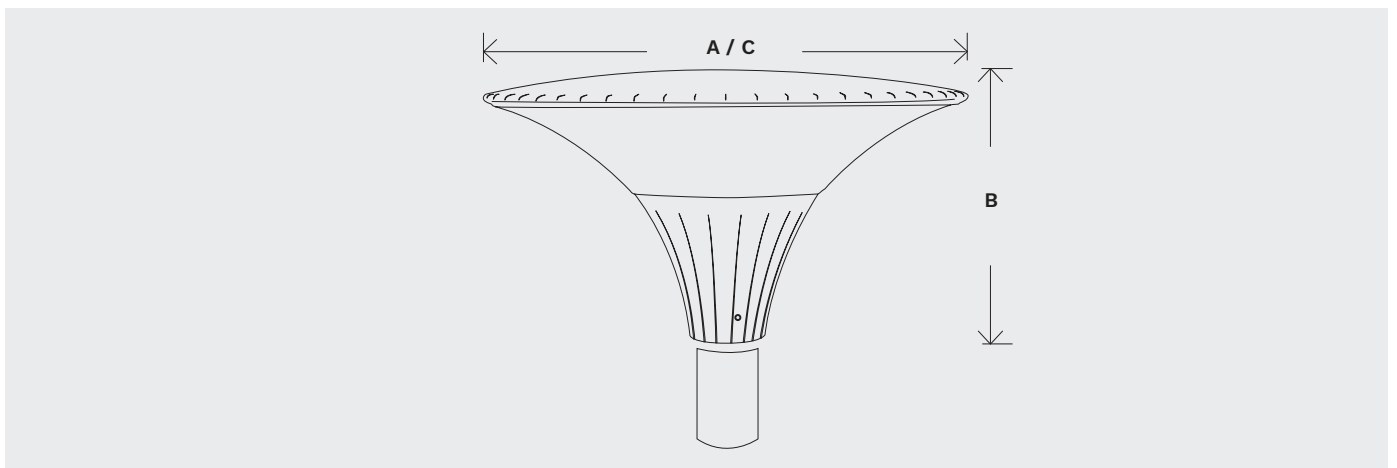
DIMENSIONS | MOUNTING

ZELA

A	578mm 22.8"
B	324mm 12.8"
C	578mm 22.8"
	4.9kg 10.8lbs



Ø60mm
Ø76mm



DECORATIVE

KAZU

Design: Creare Domus



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



CAR PARKS



SQUARES & PEDESTRIAN AREAS



BRIDGES



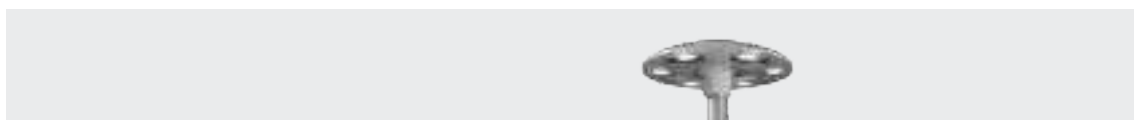
RAILWAY STATIONS & METROS

Efficient,
discreet,
flexible

Inspired by the Kaza hat worn by the Samurai, KAZU is an excellent example of adaptability, anticipation and flexibility.

The minimal and modern look of KAZU was designed around the compactness of the LED engine. It blends into landscapes while providing a sustainable lighting solution that dramatically reduces energy consumption and improves visual comfort for motorists, cyclists and pedestrians.

KAZU is available with a flat (standard version) or a dome-shaped (comfort version) protector to guarantee a perfect fit in any landscape.



KAZU

Recommended installation height	3 to 6m / 10' to 20'
Typical luminaire output flux (range)	800 to 8,900lm
Power consumption	14W to 79W
Colour temperature	Warm white (727, 730, 822 and 830) or neutral white (740)
Nominal voltage	120-277V / 220-240V / 50-60Hz
Surge protection	10 / 20kV





KEY ADVANTAGES

- > Cost-effective, efficient lighting solution for a fast return on investment
- > LensoFlex®2 photometric engine with photometry adapted to various applications
- > ThermiX® to withstand high temperatures
- > 2 designs: standard or comfort
- > Post-top mounting adapted to Ø60mm and Ø76mm spigots
- > Connected-ready

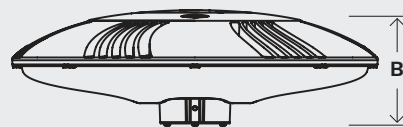
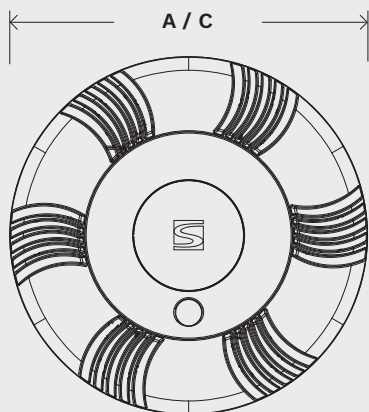
DIMENSIONS | MOUNTING

KAZU

A	525mm 20.7"
B	160mm 6.3"
C	525mm 20.7"
KG	8.5-8.7kg 18.7-19.1lbs



Ø60mm
Ø76mm



DECORATIVE

DESIGN HIGHLIGHTS



KAZU is available with two designs: with a flat or a dome-shaped protector.



KAZU can be combined with various remote management solutions.



KAZU offers a slip-over mounting onto Ø60mm or Ø76mm pole.



With the flat protector, KAZU is dark-sky compliant (ULOR 0%).



DECORATIVE

CITRINE

MAIN APPLICATIONS



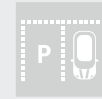
BIKE &
PEDESTRIAN
PATHS



SQUARES &
PEDESTRIAN
AREAS



BRIDGES



CAR PARKS

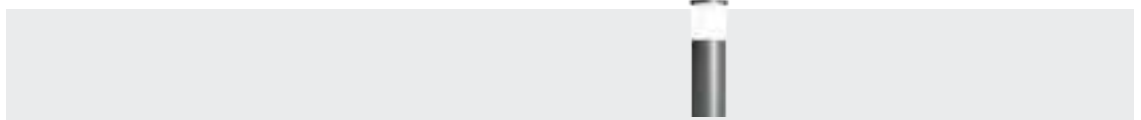
Visual
guidance and
creation
of a pleasant
atmosphere

CITRINE is designed to take up the challenge of providing efficient visual guidance and creating a pleasant atmosphere.

This high-quality, cost-effective lighting solution is available in 3 sizes (Micro, Mini and Midi) and with 2 photometrical options; a symmetrical distribution and an asymmetrical distribution.

Both can be fitted with a diffuse protector for maximised comfort or with a clear protector for high performance.

The photometry has been designed to maximise the spacing between the bollards and thus lower the investment.



CITRINE

Typical luminaire
output flux (range)

400 to 1,100lm

Power consumption

6W to 9W

Colour temperature

Warm white 830 or neutral white 740

Nominal voltage

220-240V / 120-277V
50-60HZ

Surge protection

4 / 10kV



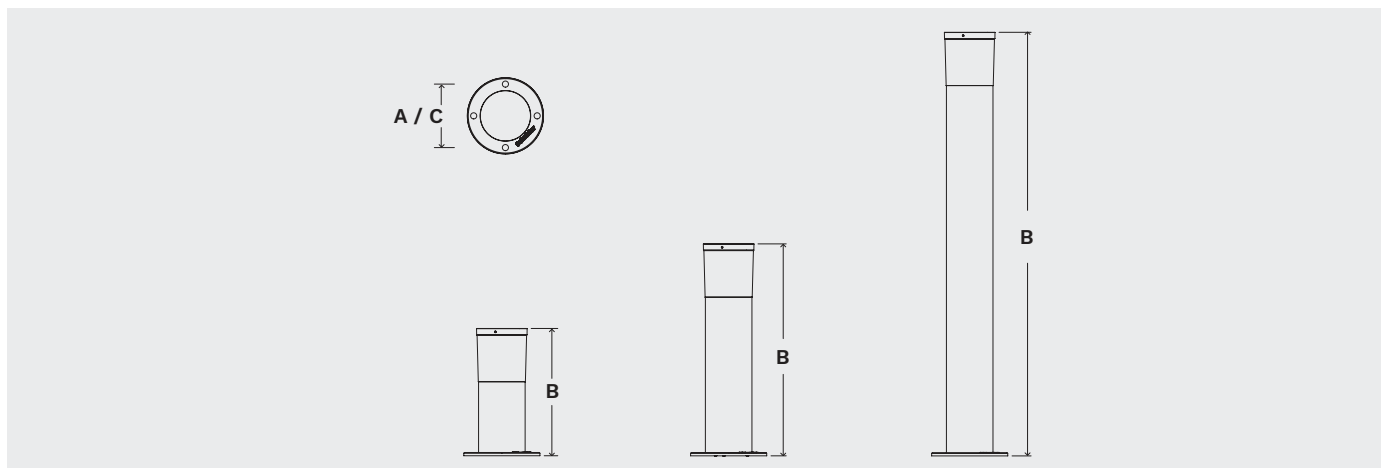


KEY ADVANTAGES

- > Compact and versatile
- > Maximised savings in energy and maintenance costs
- > Diffuse protector for visual comfort and ambiance/clear protector for pathway lighting
- > ThermiX® and LEDSafe® for long-lasting performance
- > Wide range of operating temperatures from -20° up to 50°C
- > Easy installation

DIMENSIONS | MOUNTING

CITRINE	Micro	Mini	Midi
A	110mm 4.3"	110mm 4.3"	110mm 4.3"
B	300mm 11.8"	500mm 19.7"	1000mm 39.4"
C	110mm 4.3"	110mm 4.3"	110mm 4.3"
KG	2kg 4.4lbs	2.7kg 5.9lbs	4.3kg 9.5lbs



DECORATIVE

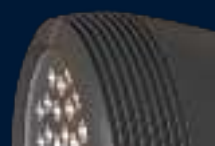
Shape your environments with the ultimate platform for lighting designers

VALINTA

3 AESTHETICS



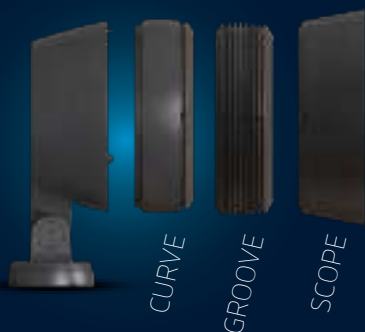
CURVE



GROOVE



SCOPE



CURVE

GROOVE

SCOPE

2 TYPES



Urban lighting



2700K



3000K



4000K



Architectural lighting



RGBW



2700K



3000K



4000K

Micro



Mini



Midi



Maxi



DECORATIVE

VALINTA

Design: Michel Tortel



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



SQUARES & PEDESTRIAN AREAS



BRIDGES



RAILWAY STATIONS & METROS



ACCENT & ARCHITECTURAL

The holistic lighting solution for living cities

Where there are people, there is light. But not all lighting solutions can create the desired atmosphere and contribute to the attractiveness of a place. With the right light, all urban spaces unleash their potential to connect people and create a sense of well-being and safety.

Every urban setting has a story to tell. With this belief in mind, we have created VALINTA. Designed both as a luminaire for urban lighting and a floodlight for architectural enhancement, VALINTA provides aesthetic and technical consistency for all types of application in the city, through various lumen packages, light distributions and LED types (white or RGBW).

This holistic approach to urban lighting enables city planners, lighting designers and architects to explore the power of VALINTA to beautify cities. From basic lighting to peak illumination, VALINTA is your ally in revealing and magnifying every detail of the city.

VALINTA	Micro ILLUM	Mini ILLUM	Midi ILLUM	Maxi ILLUM	Midi URBAN	Maxi URBAN
Recommended installation height	-	-	-	-	4 to 8m 13' to 26'	4 to 12m 13' to 39'
Typical luminaire output flux (range)	890 to 1,130lm	1,700 to 4,400lm	2,900 to 7,700lm	5,300 to 13,300lm	1,200 to 7,900lm	2,500 to 12,000lm
Power consumption	3W to 12W	13W to 37W	26W to 65W	48W to 110W	13W to 66W	25W to 88W
Colour temperature	Warm white (827 and 830), neutral white (840) or RGBW				Warm white (727, 730 and 830) or neutral white (740)	
Nominal voltage	220-240V / 50-60Hz					
Surge protection	10kV					



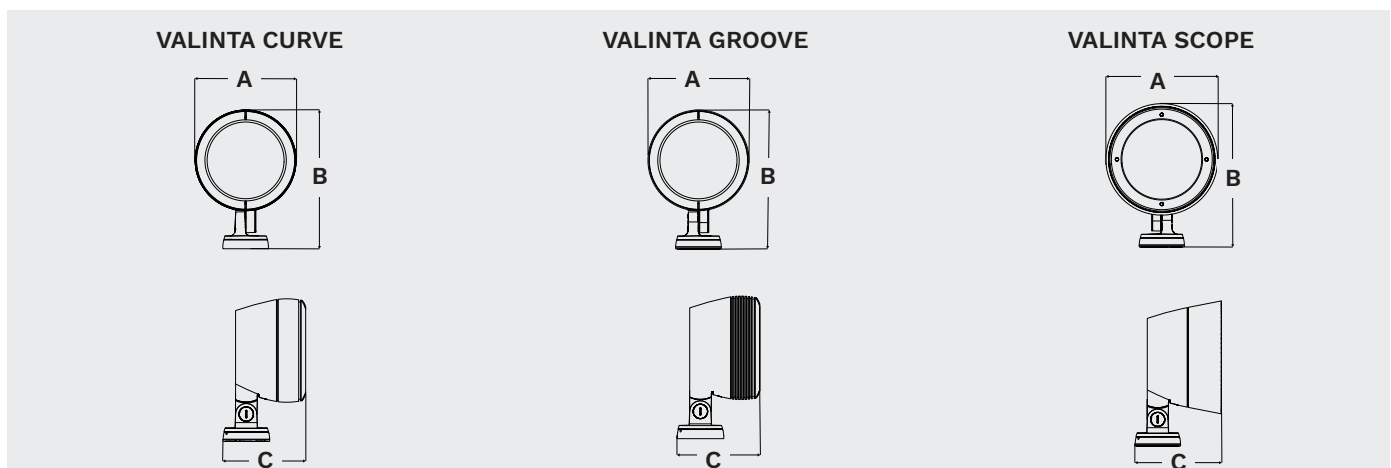


KEY ADVANTAGES

- > Three ranges, each including different sizes, all with elegant aesthetics
- > Versatile platform: floodlight and luminaire
- > High energy efficiency and LED consistency (as low as 3 MacAdam ellipses)
- > Unique mounting system for easy installation on flat surfaces or poles, by one person
- > Various cabling options to facilitate application/installation
- > Multiple on-site settings (lateral, vertical, optical block) for sharp-edge photometry
- > Connected-ready

DIMENSIONS

	CURVE Micro	CURVE/ GROOVE Mini	CURVE/ GROOVE Midi	CURVE/ GROOVE Maxi	SCOPE Mini	SCOPE Midi	SCOPE Maxi
A	100mm 3.9"	194mm 7.6"	266mm 10.5"	325mm 12.8"	220mm 8.7"	297mm 11.7"	354mm 13.9"
B	162mm 6.4"	296mm 11.6"	366mm 14.4"	430mm 19.9"	308mm 12.1"	382mm 15"	445mm 17.9"
C	160mm 6.3"	216mm 8.5"	212mm 8.3"	201mm 7.9"	231mm 9.1"	227mm 8.9"	216mm 8.5"
KG	1.6kg 3.6lbs	5kg 11lbs	7.5kg 16.5lbs	10.5kg 22lbs	5kg 11lbs	7.5kg 16.5lbs	10.5kg 22lbs



DESIGN HIGHLIGHTS



To provide efficient urban lighting solutions, VALINTA takes advantage of the latest generation of LensoFlex photometric engines.



The floodlight version of VALINTA relies on a unique LED PCBA layout, inspired by stained glass windows.



Unique mounting system: fix the base on a surface or a pole, insert the male part and lock it by rotating the luminaire. This two-step operation only requires one person.



The tiltable bracket offers a wide range of settings in both axes to direct light precisely where it is needed.



For maximum flexibility, the photometric engine can be orientated on site over a range of +/- 90°.



VALINTA is designed both for surface and pole mounting.



DECORATIVE

VALINTA

CURVE



GROOVE

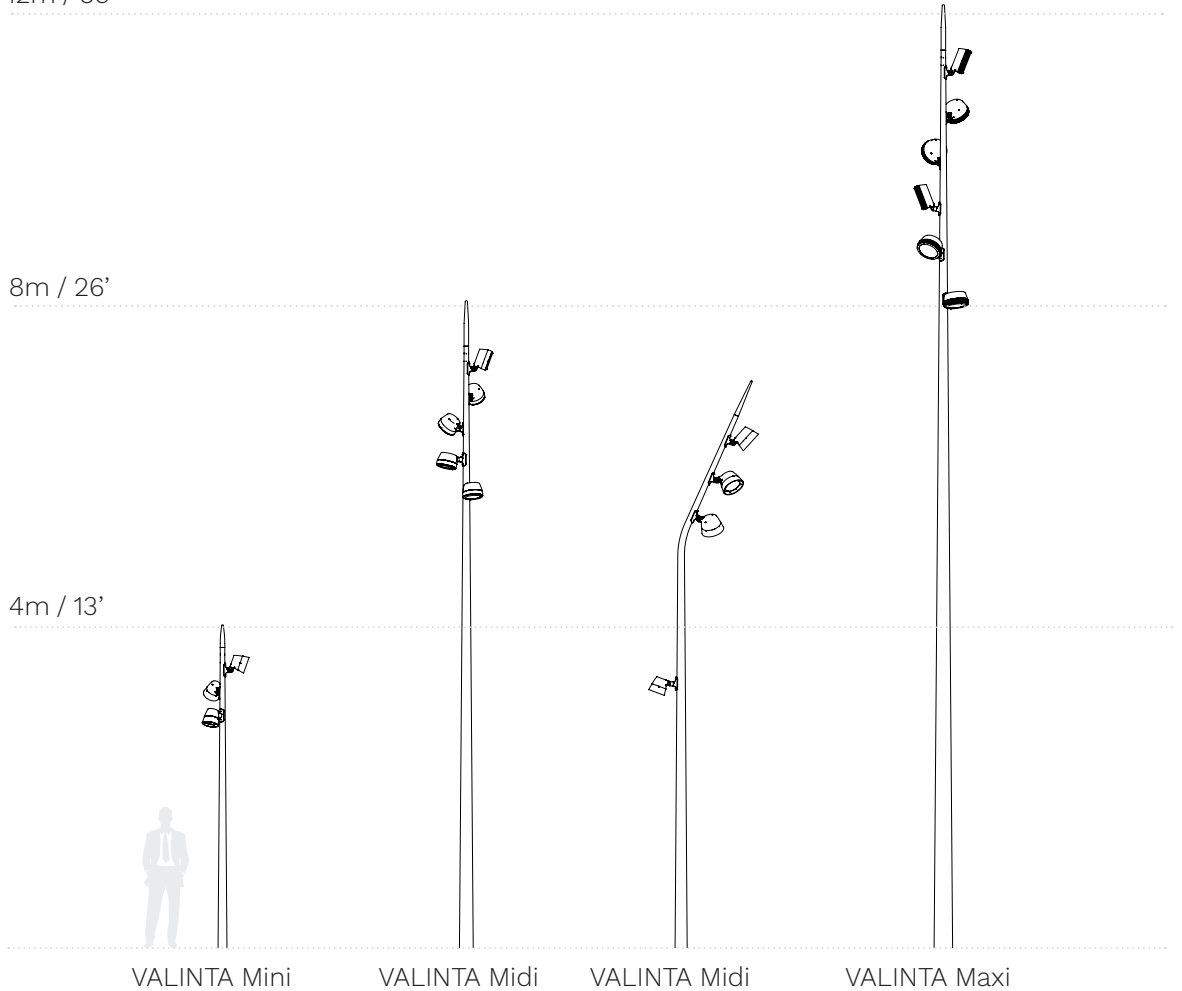


SCOPE



DIMENSIONS

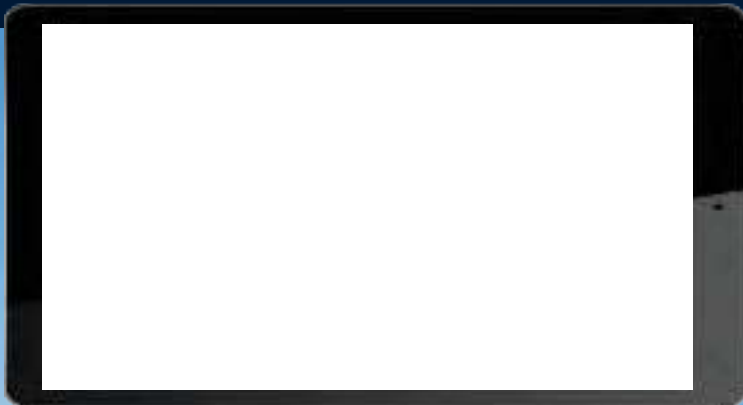
12m / 39'

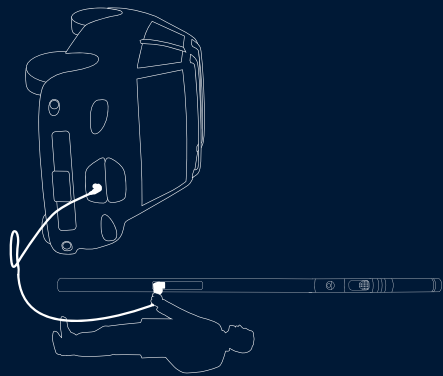
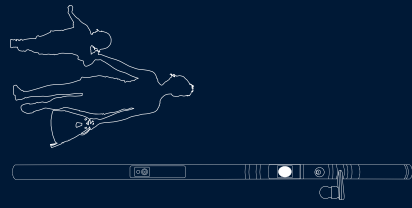
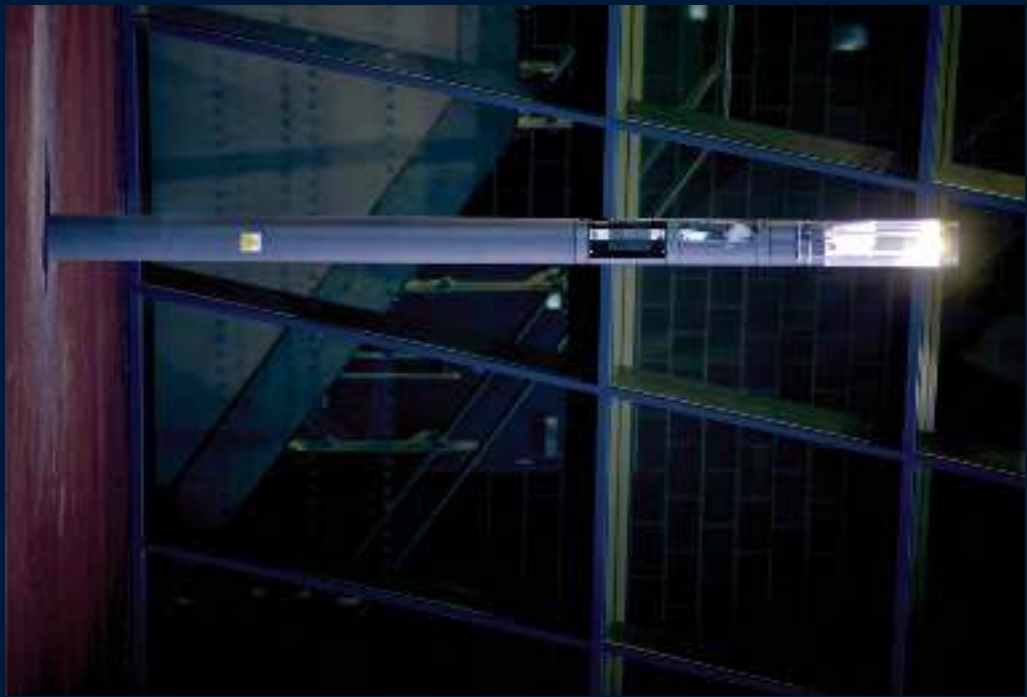




DECORATIVE

It's time to
SHUFFLE
your world!





SMART & CONNECTED

SHUFFLE



Decluttering
cities on their
journey to
becoming smart

The SHUFFLE smart column is a connected, modular approach to city hardware. With plug-and-play rotatable modules that contain pre-certified hardware, it can be configured to suit your specific needs.

Redesign. Reorganise. Improve. Combine. Do these all at once with SHUFFLE, an integrated concept with unlimited opportunities to **bring the experience to a new level** in cities and venues. Information, identity, safety, communication, entertainment, mobility and much more. All your various features can be gathered elegantly into **one integrated platform**. Not set in stone, but with versatility and ready for future evolutions. You can create your personalised SHUFFLE by associating **up to 5 modules per column**, or pick one of our preconfigured variants.

KEY ADVANTAGES

- › Seamless integration of urban hardware in a refined column
- › Personalised combinations: up to 5 modules per column
- › Preconfigured versions: Campus, SOS, Security, Light and Mobility
- › Total versatility with 360° rotatable modules
- › Patented system for easy installation
- › Upgradable: modules can be added or replaced after installation
- › Fully connected platform

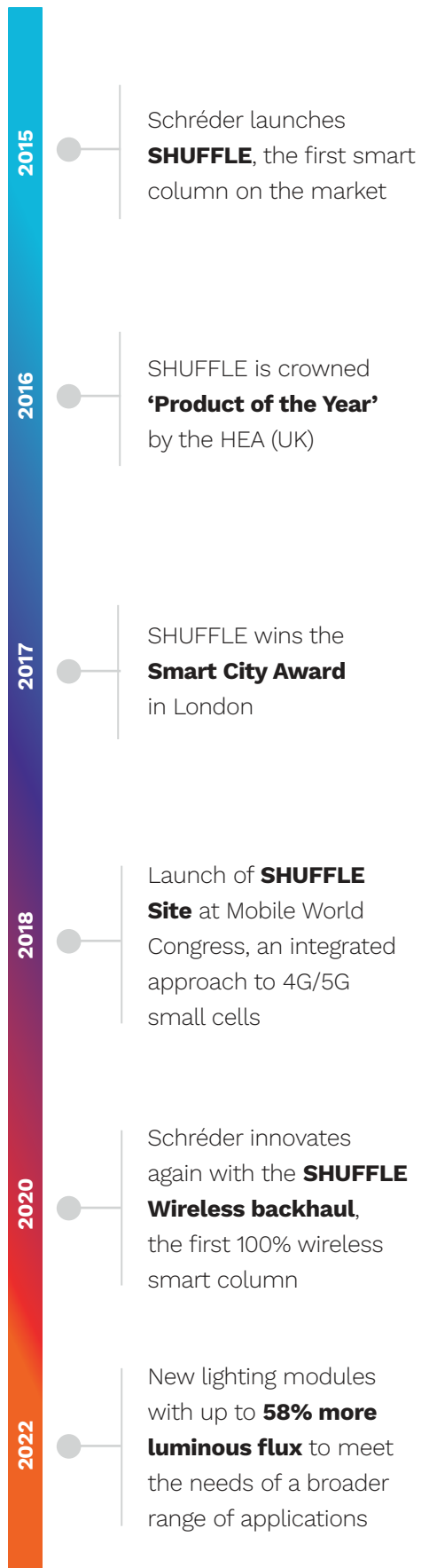




Leading with **non-stop innovation**

SHUFFLE was launched in 2015, and many enthusiastic customers who set out to shed extra light on their vibrant urban living spaces have installed it. And they went **beyond simple outdoor lighting**. They took the opportunity offered by this platform to bring new services into their environments, such as WiFi, surveillance cameras, loudspeakers, emergency buttons and EV chargers.

Just a year after its launch, SHUFFLE was awarded '**Product of the Year 2016**' by the Highway Electrical Association (HEA) in the UK. A little while later, in 2017, SHUFFLE received the '**Smart City Award**' in London for its technology with great potential for smart cities. In 2020, Schröder made SHUFFLE independent from physical wiring for lightning-speed connectivity, creating the first wireless smart column. This spirit of constant innovation combined with exquisite design, attention to detail and a deep understanding of customer needs has positioned SHUFFLE as a benchmark in the market. Since their launch, SHUFFLE columns have delighted cities and private companies in **more than 35 countries** worldwide.



SHUFFLE SOS

THE CITIZENS' GUARDIAN ANGEL

SHUFFLE SOS offers the perfect solution for helping people and emergency services in critical situations. With one simple push of a button, citizens can quickly get in touch with the emergency services if they witness an incident or are the victim of an accident.

Using a voice-over IP intercom, people can explain the problem and **receive proper assistance**. The embedded cameras enable call centres to take the right actions thanks to a real-time video feed. The strobe light and horn, which can be triggered remotely, make sure that the emergency signal is seen and heard by bystanders in the area. They also **guide the emergency crew** to the exact location of the incident.

With SHUFFLE SOS, people never feel alone in a city. They receive the support they expect in the shortest possible time. Emergency services are able to react accordingly and cover a larger area, optimising their resources.

	SHUFFLE SOS BASIC	SHUFFLE SOS CORE	SHUFFLE SOS ACTIVE
Pole height	4370mm 14.34'	4370mm 14.34'	4370mm 14.34'
Control node	Yes	Yes	Yes
Module (top)	360° Lighting with strobe (SH36L2-HL)	360° Lighting with strobe (SH36L2-HL)	360° Lighting with strobe (SH36L2-HL)
Module 2	Horn (SH18S2-HN)	Camera without extra PC protector (SH18C2-JH)	Red light ring (SHLR2-RE)
Module 3	-	Horn (SH18S2-HN)	Quadview (SHCQV)
Module 4	-	-	Horn (SH18S2-HN)
Integrated in pole	Intercom (SHPOIC2-GH)	Intercom with camera (SHPOIC2-G)	Intercom with camera (SHPOIC2-G)



Click for more information



BASIC

CORE

ACTIVE



SHUFFLE CAMPUS

CREATING PLACES PEOPLE LOVE TO BE IN

SHUFFLE Campus is the right tool for ambitious companies, institutions, public services and cities wanting to offer a high-quality experience to their workers, customers, residents, citizens or visitors.

It is designed to provide multiple services, aesthetically and efficiently, to **business facilities, condominiums, academic, medical or sport complexes, parks, shopping malls or transport infrastructures** such as airports and train or bus stations. SHUFFLE Campus creates **safe, pleasant places, connecting people** to the internet, informing and entertaining them, while keeping an elegant and discreet presence that blends into any environment.

SHUFFLE Campus is **a great asset for placemaking** as it strengthens the connection between people and the urban environment with a minimal footprint.

	SHUFFLE CAMPUS BASIC	SHUFFLE CAMPUS CORE	SHUFFLE CAMPUS ACTIVE
Pole height	4370mm 14.34'	4370mm 14.34'	4370mm 14.34'
Control node	Yes	Yes	Yes
Module (top)	360° Lighting with WLAN (SH36LW2-CS/CX)	360° Lighting with WLAN (SH36LW2-JT)	360° Lighting with WLAN (SH36LW2-JT)
Module 2	-	Blue light ring (SHLR2-BL)	Blue light ring (SHLR2-BL)
Module 3	-	Analogue speaker (SH18S2-CP)	Quadview (SHCQV)
Module 4	-	-	Analogue speaker (SH18S2-CP)
Integrated in pole	PIR sensor (C0)	PIR sensor (C0)	PIR sensor (C0) Power sockets (SHPOLE2-G8)



SMART & CONNECTED

SHUFFLE SECURITY

BUILDING CONFIDENCE IN OUTDOOR AREAS

Feeling secure is a basic human right. Your residents and visitors want to feel safe at all times. SHUFFLE Security delivers a strategic breakthrough to address this challenge with advanced lighting and security features.

It is designed to **create safe and pleasant outdoor areas:** tourist sites, parks and squares, outdoor spaces around public and private buildings (embassies, ministry buildings, banks, hospitals, schools, etc.), metro, bus or train stations, car parks and sports or leisure venues. SHUFFLE Security provides a monitoring system that enables bidirectional communication: from authorities to citizens or security companies to people in the environment, and vice versa, from end users to public/property managers.

SHUFFLE Security improves confidence in using outdoor environments. It encourages people to socialise, to contribute to the local economy and to develop a true sense of community.

	SHUFFLE SECURITY BASIC	SHUFFLE SECURITY CORE	SHUFFLE SECURITY ACTIVE
Pole height	4370mm 14.34'	4370mm 14.34'	4370mm 14.34'
Control node	Yes	Yes	Yes
Module (top)	360° Lighting (SH36L2)	360° Lighting (SH36L2)	360° Lighting (SH36L2)
Module 2	Camera without extra PC protector (SH18C2-JH)	Quadview (SHCQV)	Universal camera bracket (SHCBR)
Module 3	-	Analogue speaker (SH18S2-CP)	Camera without extra PC protector (SH18C2-JH)
Module 4	-	-	Analogue speaker (SH18S2-CP)
Integrated in pole	-	-	Intercom (SHPOIC2-GH)



Click for more information



BASIC

CORE

ACTIVE



SHUFFLE MOBILITY

MOVING TOWARDS NET ZERO

SHUFFLE Mobility is designed to charge electric vehicles and protect them from vandals. It can be installed in streets where it is difficult to establish infrastructure for electric vehicle charging.

SHUFFLE Mobility not only provides a charging solution for electric vehicles, it ensures **an outstanding experience for EV drivers** by helping them to find vacant chargers, by ensuring a high level of security for them and their car and by offering the best lighting solution at night.



	SHUFFLE MOBILITY BASIC	SHUFFLE MOBILITY CORE	SHUFFLE MOBILITY ACTIVE
Pole height	4370mm 14.34'	4370mm 14.34'	4370mm 14.34'
Control node	No	Yes	Yes
Module (top)	Blue/green light ring (SHLR2-BL/GR)	360° Lighting (SH36L2)	360° Lighting (SH36L2)
Module 2	-	Green/blue light ring (SHLR2-GR/FK)	Green/blue light ring (SHLR2-GR/FK)
Module 3	-	-	180° Lighting Spot (SH18L)
Module 4	-	-	Camera without extra PC protector (SH18C2-JH)
Integrated in pole	EV charger 11kW (SHPOEV)	EV charger 11kW (SHPOEV)	EV charger 11kW (SHPOEV)



BASIC

CORE

ACTIVE

SMART & CONNECTED

SHUFFLE LIGHT

FOR ENDLESS CHALLENGES

SHUFFLE Light is designed to meet the various lighting needs of an area with elegance and high energy efficiency. Its aesthetic design integrates various lighting modules (360°, spot and light ring) with smart control features for dimming and light-on-demand scenarios.

The SHUFFLE Light smart column can be installed in any location where its versatility, connectivity and simplicity create additional value beyond basic lighting.

Designed to light roads, streets, squares and other places where creating a pleasant atmosphere is a key element, SHUFFLE Light benefits from **a wide range of photometries** and provides aesthetic consistency for various urban environments. It offers the perfect tool for placemaking as it frees up space that can then be used to enhance the urban experience and promote people's health, happiness and well-being.

	SHUFFLE LIGHT BASIC	SHUFFLE LIGHT CORE	SHUFFLE LIGHT ACTIVE
Pole height	4370mm 14.34'	4370mm 14.34'	4370mm 14.34'
Control node	Yes	Yes	Yes
Module (top)	360° Lighting (SH36L2)	360° Lighting (SH36L2)	360° Lighting (SH36L2)
Module 2	-	180° Lighting Spot (SH18L)	Blue light ring (SHLR2-BL)
Module 3	-	-	180° Lighting Spot (SH18L)
Integrated in pole	-	-	PIR sensor (C0)





WLAN 

	WLAN (SH18W2-CS)	WLAN (SH36LW2-CS/ SH36LW2-CX)	WLAN (SH36LW2-JT)	WLAN (SH36LW2-FO/ SH36LW2-FV)
WiFi coverage	★☆☆	★☆☆	★★★	★★★★
WiFi throughput	★☆☆	★☆☆	★★★	★★★★
Ethernet throughput	★☆☆	★☆☆	★★★	★★★★
Mesh	No	No	Yes	Yes
Powered by PoE	No	No	Yes	Yes
Client capacity	NA	NA	250 per AP	512 per AP
Maximum transmission power	20dBm	20dBm	20dBm	26dBm
Wi-Fi 6	No	No	No	Yes
Management platform	No	No	Yes	Yes

Professional and secure wireless network

- Available in a 360° lighting module or in a dedicated module
- Multiple concurrent users per access point
- Stable connections at higher data rates
- Divisible bandwidth: e.g. to assign a dedicated part to city operators and a restricted bandwidth for the general public
- Unmatched scalability, cloud or locally managed

4G/5G **Providing 4G/5G capacity and coverage**

- High-speed mobile connection
- Blends into the urban environment
- Easy site acquisition for mobile operators
- Range of up to 100m
- Upgradable antenna can be added later, when additional capacity is needed
- The operator installs and owns the telecom equipment
- Easy access for maintenance
- Waterproof IP material
- Upgradable base module can be equipped for 5G networks

4G/5G antenna
(SH18A-GD)Side cabinet
(SHSC-HA)

WIRELESS BACKHAUL



Base Unit
(SH18WB2-JN)

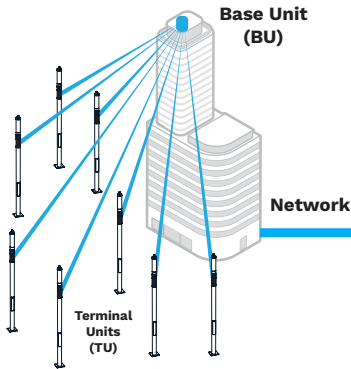
Terminal Unit
(SH18WB2-JM)

Wireless fibre communication network for smart city applications

- Wireless extended fibre connections to and from a pole
- The speed of fibre (up to 2.3Gbps), the flexibility of wireless
- Easy street level deployment
- Reliable, virtually interference-free operation
- Connect up to 8 SHUFFLEs from one Base Unit
- 400m auto-aligned range
- AES encryption
- Integrated managed PoE switch
- Operates in 60GHz V band

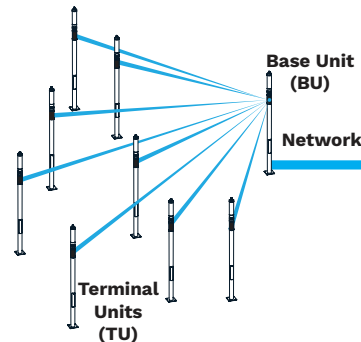


1 Building to SHUFFLE (star mode)



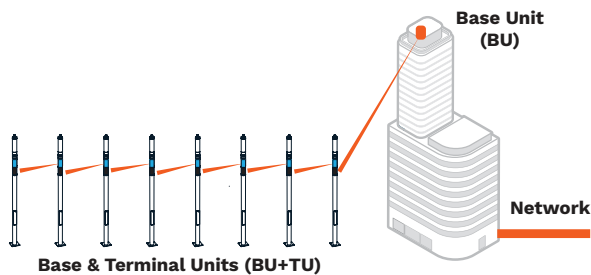
The Base Unit is mounted outdoors, on the side of a building or on a rooftop. It connects to 8 SHUFFLEs (Terminal Units) installed within a range of 400 metres max.

2 SHUFFLE to SHUFFLEs (star mode)



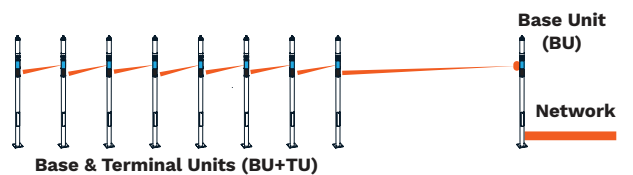
The Base Unit is integrated into a SHUFFLE. This connects to 8 SHUFFLEs (Terminal Units) installed within a range of 400 metres max.

3 Building to SHUFFLE (linear mode)



The Base Unit is mounted outdoors, on the side of a building or on a rooftop. It connects to one SHUFFLE (Base and Terminal Units) that itself connects to another SHUFFLE having the same hardware (BU+TU) and so on, in a daisy chain layout. The spacing between two SHUFFLEs can be up to 400 metres (max).


4 SHUFFLE to SHUFFLEs (linear mode)



The Base Unit is integrated into a SHUFFLE. It connects to one SHUFFLE (Base and Terminal Units) that itself connects to another SHUFFLE having the same hardware (BU+TU) and so on, in a daisy chain layout. The spacing between two SHUFFLEs can be up to 400 metres (max).

SPEAKER **Professional sound system for public service announcements, warnings and music**


- Frequency range: 90 - 19,000Hz
- Full range speaker with dual cone
- Perfect sound - up to 25W power output
- Weatherproof / adapted to indoor and outdoor applications
- Digitally connected network speaker



	Analogue speaker (SH18S2-CP)	Digital speaker (SH18S2-S8)
Frequency range	100 - 18000Hz	90 - 19000 Hz
Sound pressure level (1W/1m)	89dB	90dB
Max. power rating	20W	25W
Ethernet connection	No	Yes
Internal amplifier	No	Yes

POWER SUPPLY **Auxiliary power source**

- Secured access with locked door (T25 screws at the top of pole, key at the bottom)
- Integrated fuse
- Integrated cable retainer
- Passage to the outside for cables



	Power sockets (SHPOLE2-G8)	Event lighting socket (SHPOLE2-FU)
Location	At the bottom of the pole	At the top of the pole
Number of sockets	2	1
Type	Schuko Type F 16A 230V	Schuko Type F 16A 230V
Purpose	Power sockets for any need	Power socket for decorative lighting
Max. power	3500W	1200W

EV CHARGING 

EV charger
(SHPOEV2)

Professional charging station

- AC charging 11kW
- European socket (type 2)
- Safety locking during charging
- Access unit (for cabinet mounting)



LIGHTING

360° LensoFlex®2/
LensoFlex®4 (SH36L2)

Street lighting / Ambiance lighting / Pedestrian crossing lighting

- Lumen package range: from 1,500 to 8,100lm
- Back light control (optional)
- Warm or neutral white LEDs
- Optional internal diffuser or external diffuse protector for enhanced visual comfort



180° Spot (SH18L)

Up/down (on-site adjustment): architectural lighting

- Lumen package range: from 1,300 to 2,400lm
- On-site inclination angle settings: -10/+40°
- Warm or neutral white LEDs



180° LensoFlex®2 (SH18L)

Street lighting

- Lumen package range: from 2,200 to 5,500lm
- Back-light control (optional)
- Warm or neutral white LEDs



180° reflector (SH18L)

Down: Street lighting / Ambiance lighting / Area lighting Up: Architectural lighting

- Lumen package range: from 2,300 to 6,000lm
- Neutral or warm white LEDs



Light ring (SHLR2)

Signage / beautification (identity) / creation of ambiance

- Static red, blue, green, warm or neutral white variants
- 1 or 2 alternating static colours
- RGB for colour changing effects



Luminaire bracket (SHLB)

Street lighting / Pedestrian crossing lighting

- For luminaire with mounting for Ø60mm/2.3"
- Inclination angle: +5°



With PIANO Midi



With FLEXIA FG Midi



With YMERA



With CITEA NG Mini

CCTV - 180° **For professional camera networks**

- Resolution: full HD (1920 x 1080)
- Image optimisation (back-light, contrasts, night vision, high luminosity)
- Privacy layers
- ONVIF communication standard
- Event triggering: motion detection, video analytics, tampering, etc.
- Digital zoom
- Data optimisation: selected and/or delayed transmission, on-site recording (SD memory slot)
- Compatible with video management systems



Camera with or without
extra PC protector
(SH18C2-HK)



Camera with or without
extra PC protector
(SH18C2-GC)



Camera with or without
extra PC protector
(SH18C2-JH)

Smart features	No	Yes	Yes
Security features	★☆☆	★★★	★★★★
Angular field of view	Horizontal: 108° Vertical: 60°	Horizontal: 110° Vertical: 62°	Horizontal: 108° Vertical: 59.3°
IR	15m	No	30m
Power consumption	3W	6.4W	7.5W

CCTV - 360° 

QuadView
(SHCQV)

**Integrated 360-degree video
CCTV solution**

- Offers a 360° field of view
- Contains 4 separate sensors with wide 113° horizontal field of view per sensor
- Vertical angle of view: 62°
- Streams videos from four sensor units simultaneously
- Supports 1920x1200/1080 (1080p) resolution with up to 50/60fps (50/60Hz)
- Supports Wide Dynamic Range (WDR) – Forensic Capture
- Ideal for very bright and/or dark areas
- Support for Zipstream technology lowers bandwidth and storage use
- Withstands dust, rain, snow, vibrations, shocks and impacts
- IP connectivity through standard Ethernet ports
- Power over Ethernet or 8–28V DC
- Features two SD card slots for optional local storage



Universal camera
bracket (SHCBR)

Integrated hanging bracket for PTZ cameras

- Compatible with most PTZ cameras on the market
- Excellent stability for minimal camera movement
- Concealed cable management

INTERCOM SOS

One-touch system to contact operators and/or to trigger panic response scenarios

- Vandal-resistant SIP and IP intercom
- Optional HD video at up to 30FPS (1440x1080px) and H.264 for integration with most video solutions
- Crystal clear audio
- Active background noise cancellation
- Automatic volume adjustment
- Stainless steel front plate with one button
- Can interact with SHUFFLE Strobe, light ring, horn and cameras



	Intercom (SHPOIC2-GH)	Intercom with camera (SHPOIC2-GI)
Internal speaker amplifier	10W class D	10W class D
Microphone	Digital MEMS, omnidirectional	Digital MEMS, omnidirectional
Power supply	PoE or external power supply	PoE or external power supply
Camera	-	Fixed lens, 1440x1080 pixels
Power consumption	Idle 1.8W Max 12W	Idle 3.5W Max 12W



STROBE SOS



360° Lighting with strobe (SH36L2-HL/SH36L2-HM)

Vital visual aid for emergencies

- Lumen package range: from 1,500 to 8,100lm
- Flashing blue strobe light
- Can be triggered remotely or locally via the intercom button

HORN SOS

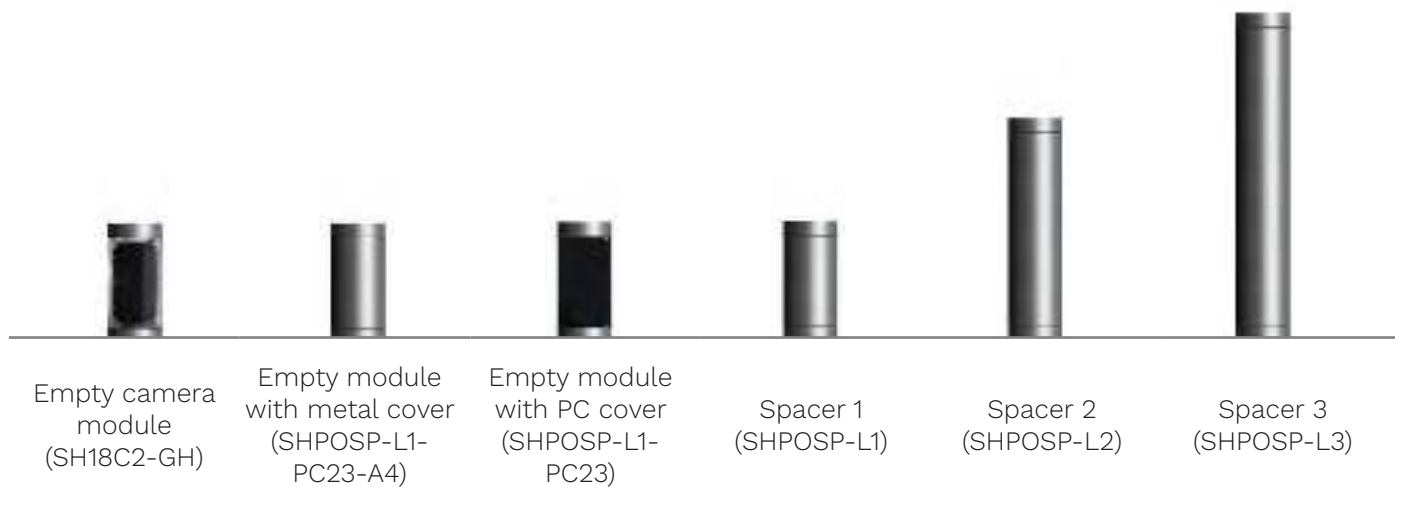


Horn (SH18S2-HN/SH18S2-HO)

Warning or alarm with a powerful electronic tone

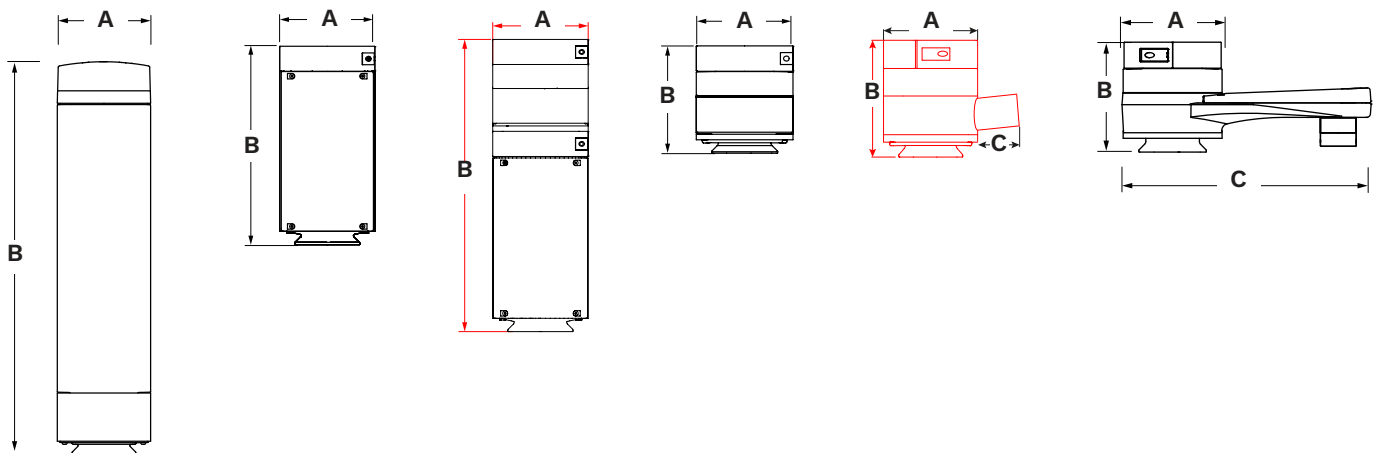
- Warning or alert to the nearby population
- Supports voice-over IP
- Multi-tone up to 105dB
- Can be triggered remotely
- Can be integrated into a global warning system
- Can be linked to SHUFFLE Intercom

SPACER



DIMENSIONS

	360° module	180° module	QuadView module	Light ring	Luminaire bracket (Ø60mm)	Camera bracket
A	194mm 7.6"	194mm 7.6"	194mm 7.6"	194mm 7.6"	194mm 7.6"	194mm 7.6"
B	815mm 32"	403mm 15.9"	593mm 23.4"	215mm 8.5"	215mm 8.5"	215mm 8.5"
C	-	-	-	-	109mm 4.3"	490mm 19.3"



6.84M / 22.5'

Max. 5 modules

4M / 13'

2.28M / 6.5'

Min.
pole
height



Design your **ideal** **SHUFFLE**



Visit <https://shuffle.schreder.com>

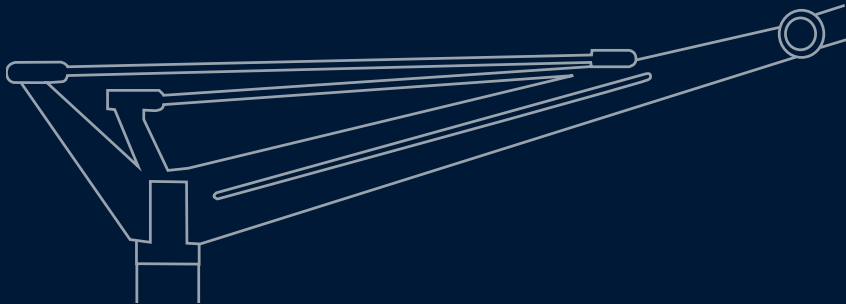


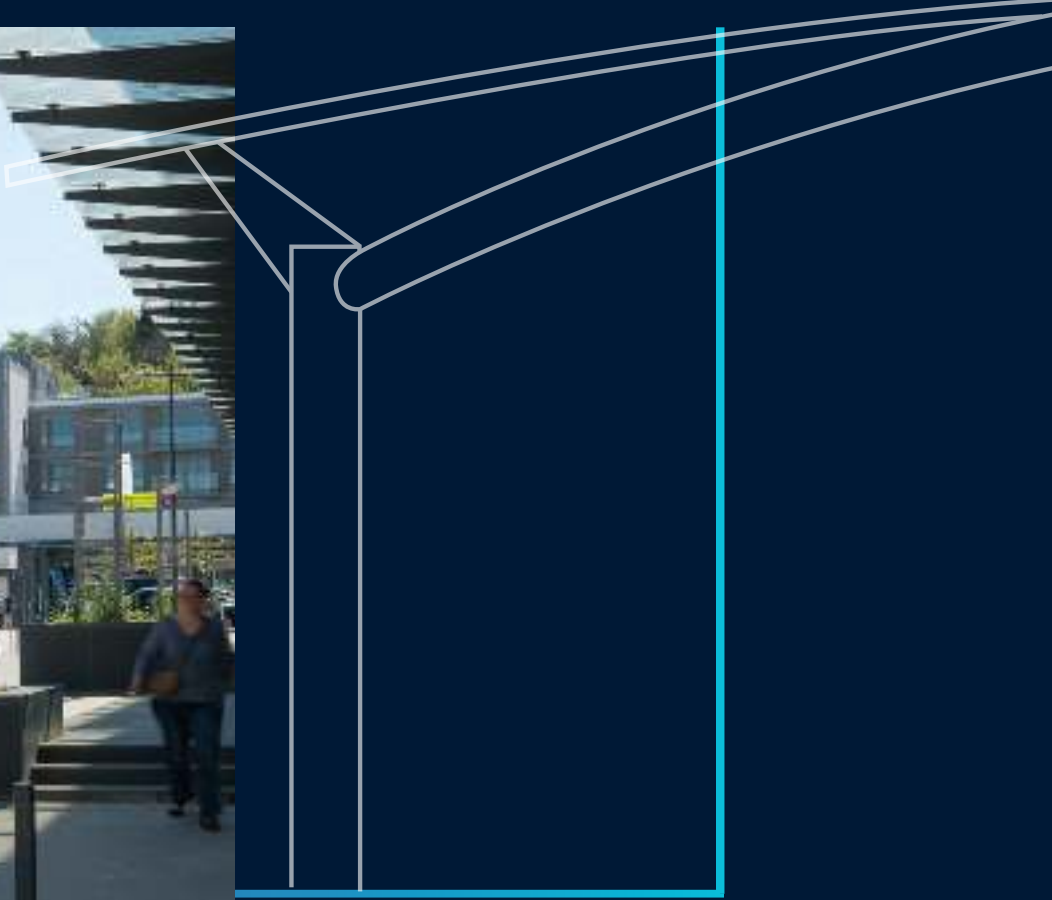
SMART & CONNECTED

POLES & BRACKETS



“ Design consistency and elegance for urban landscapes ”







POLES & BRACKETS

RANGE

POLES



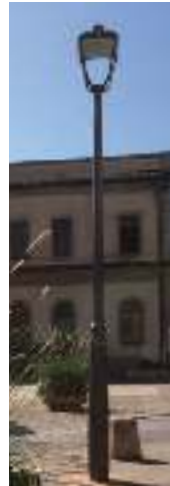
DESCOBERTAS



THYLIA



FLEXIA



STYLAGE



NUN'ÁLVARES



PERLA



FUNCTIONAL
POLES

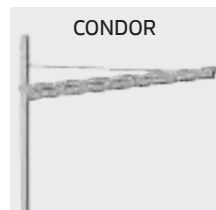
BRACKETS



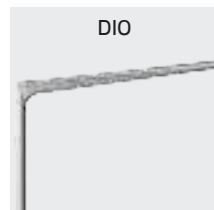
ANDO



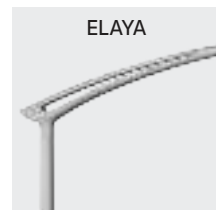
BOREAL



CONDOR



DIO



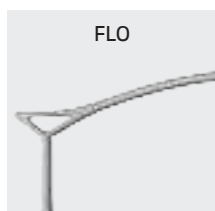
ELAYA



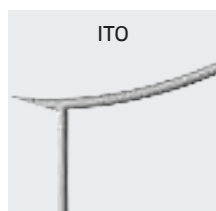
EQUINOXE



EVENS



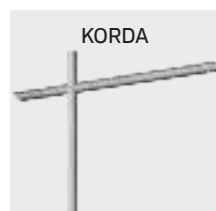
FLO



ITO



KEMA



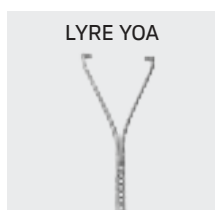
KORDA



LUCEA



LUTECIA



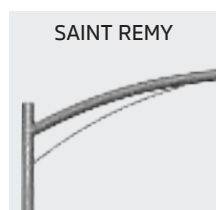
LYRE YOA



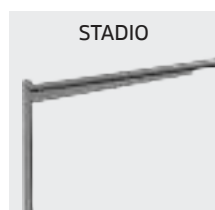
MILLA



SOFIA



SAINT REMY



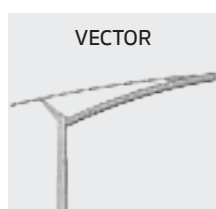
STADIO



STYLAGE



TRESSA



VECTOR



YOHO

DESCOBERTAS

DESCRIPTION

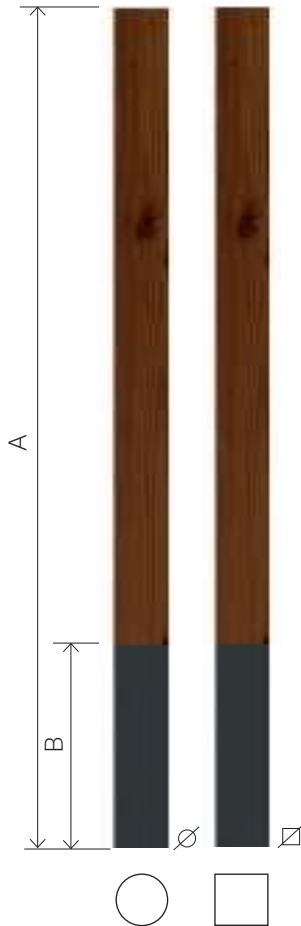
The DESCOBERTAS wooden columns contribute to creating a pleasant atmosphere by combining wood and metal. They are available in circular or square variants with lengths ranging from 4m to 8m.

The woods used in our columns are FSC and PEFC certified. For more detailed technical information and the availability of custom variants, please contact your local sales representative.

RECOMMENDED LUMINAIRES



DIMENSIONS



	A	4m	6m	8m
	B	1200mm	1500mm	1500mm
Circular	∅	140mm	140mm	194mm
Square	∅	120mm	120mm	140mm

COLOUR/WOOD RANGE

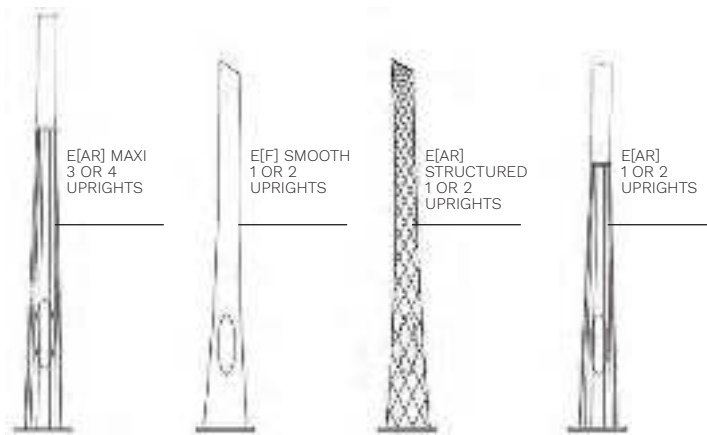


THYLIA

DESCRIPTION

The uniquely designed THYLIA pole, combined with one of our luminaires (such as TECEO S), has been a Schröder exclusive for many years. The range is perfect for lighting roads, pedestrian areas or squares. The standard offering consists of a base part available in 4 different design materials, combined with straight or curved arms. One, two, three or four poles can be mounted on a base. A faceted steel base and a steel wall bracket are available.

VARIANTS



	Upright height: 1600mm (HF 4200)		Upright height: 3600mm (HF 6200)			Upright height: 5500mm (HF8100)		
	straight	1 curved	straight	1 curved	2 curved	straight	1 curved	2 curved
THYLIA standard steel E[AR] 1 or 2 uprights	X	X	X	X	X	X	X	X
THYLIA maxi steel E[AR] 3 or 4 uprights	-	X	-	X	X	-	X	X
THYLIA smooth cast iron E[F] 1 or 2 uprights	X	X	X	X	X	X	X	X
THYLIA smooth cast iron E[FS] 1 or 2 uprights	X	X	X	X	X	X	X	X



FLEXIA

DESCRIPTION

Created in collaboration with VALMONT Structures, the range of FLEXIA poles complements the FLEXIA luminaires, offering complete lighting ensembles, fully consistent for your applications. Particular care has been taken in the design of this range to ensure the most homogeneous associations possible between the pole, the SOFIA bracket (if applicable) and the FLEXIA luminaire.

The poles are available in different materials (aluminium, galvanised or corten steel, and wood) and with different design options to suit your local needs. The result is an almost infinite number of possible combinations, available in all standard Schröder colours. Certified for the loads defined in the EN40 standard, the FLEXIA POLES range is CE marked.

ASSOCIATED LUMINAIRES



FLEXIA TOP



FLEXIA BRASO



FLEXIA FG



FLEXIA POEME



FLEXIA QUERCUS



	Height	Spigot on top
Conical steel	4 - 6 - 8m	Ø60/Ø76
Conical aluminium	4 - 6 - 8m	Ø60/Ø76
Conical corten sealed steel	4 - 6 - 8m	Ø60/Ø76
Conical wood NEMUS	4 - 6 - 8m	Ø60/Ø76
Conical wood MIVAT	4 - 6 - 8m	Ø60/Ø76
Square round wood KLAXE	4 - 6 - 8m	Ø60/Ø76





AESTHETIC DETAILS



NEMUS
Optional collar



NEMUS
Optional vertical flutes



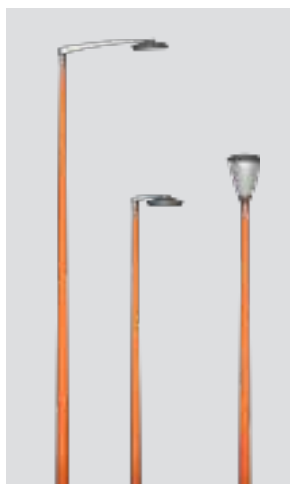
MIVAT
Sculpted column



KLAXE
Square to round shape



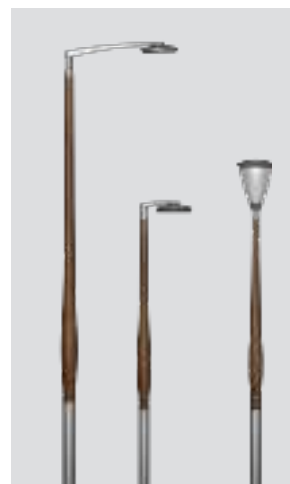
Conical steel
and conical aluminium



Conical corten
sealed steel



Conical wood
NEMUS



Conical wood
MIVAT



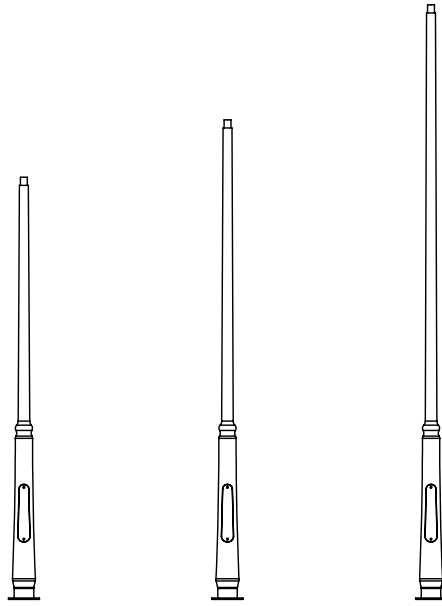
Square round
wood KLAXE

STYLAGE

DESCRIPTION

The STYLAGE luminaire is offered with a modern column in thermo-formed aluminium (60mm spigot) or a bracket for suspended or post-top mounting. Its aesthetic coherence and elegance characterise this ensemble.

VARIANTS



DIMENSIONS

	3.5m	4m	5m
STYLAGE	X	X	X

Available with a base plate or for ground-recessed mounting.



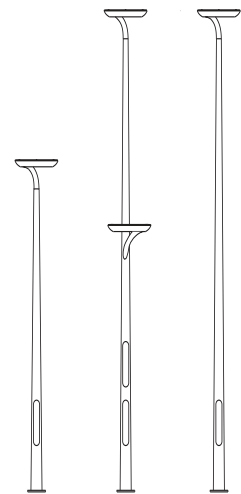
PERLA



DESCRIPTION

The PERLA's sober and pure line plays an important aesthetic role both by day and at night. Specifically designed for this elegant luminaire, a galvanised steel column is available in various heights, with or without a rear bracket for pavement lighting.

VARIANTS



DIMENSIONS

	3.5m	4m	4.5m	5m	6m
1 PERLA luminaire (1 door)	X	X	X	X	X
2 PERLA luminaires (2 doors)	-	-	X	X	X

Available with a base plate or for ground-recessed mounting.

NUN'ÁLVARES

DESCRIPTION

The NUN'ÁLVARES columns are composed of rectangular profiles with a longitudinal opening at the top of the pole. The large models - with rear bracket - are suitable both for lighting both large avenues and pavements. Available with two bracket sizes, they offer the flexibility to project light onto the road from various distances.

The small models can be installed along streets and squares in city centres. Aesthetic coherence between the suburbs and the city centre is one of the main advantages provided by the NUN'ÁLVARES range.

RECOMMENDED LUMINAIRES

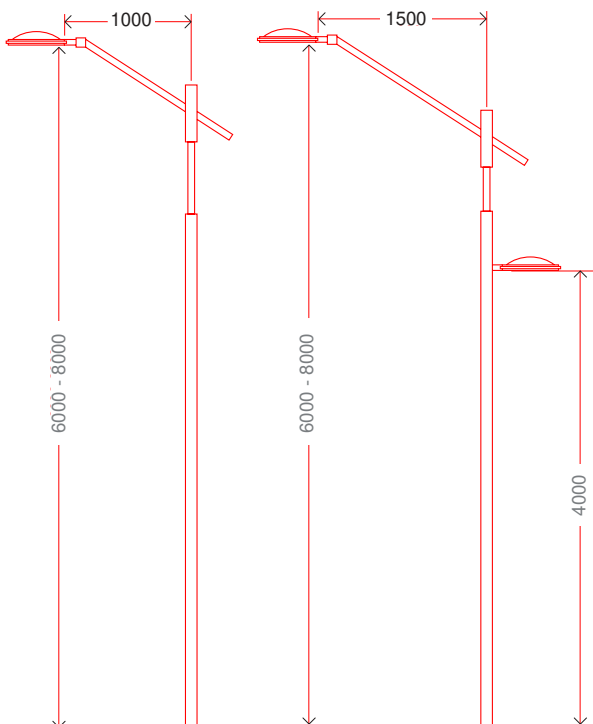


DIMENSIONS

LARGE MODELS

Pole with
bracket 1000

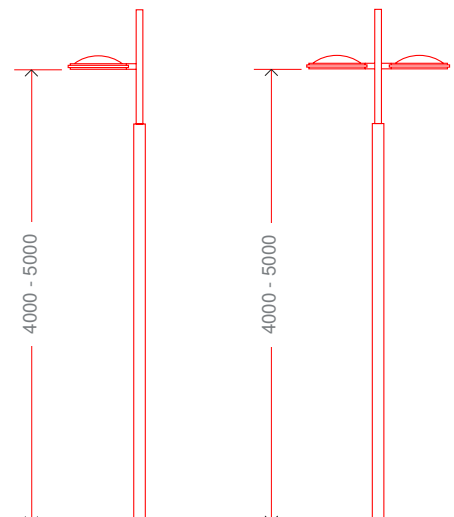
Pole with bracket
1500 + rear bracket
for sidewalk



SMALL MODELS

Pole for single
mounting

Pole for double
mounting



(*) Other dimensions available on request



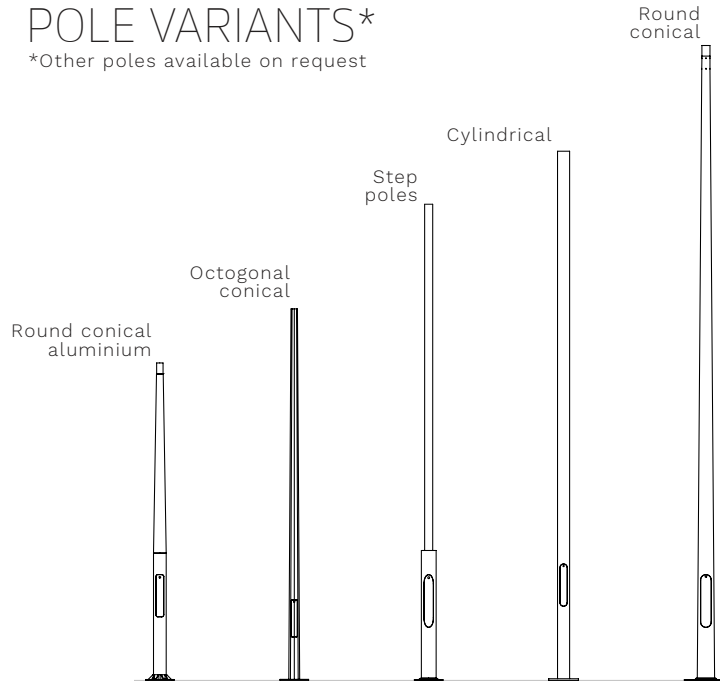
FUNCTIONAL POLES

DESCRIPTION

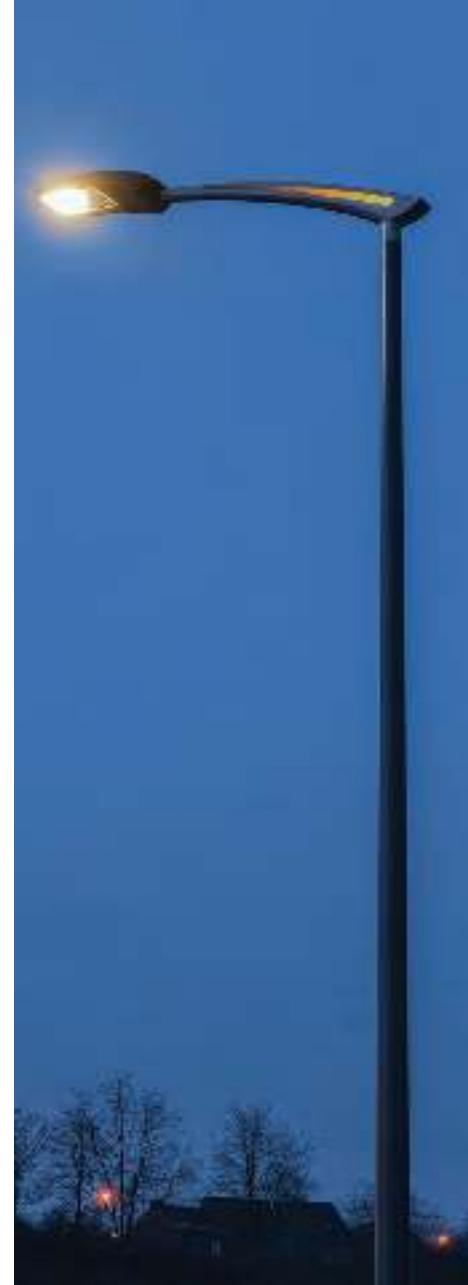
With a range of poles combined with a large portfolio of luminaires and brackets, Schröder offers complete light points for your application. The standard pole offering consists of 5 different shapes, with heights ranging from 3 to 14m, made of aluminium or galvanised steel, and always adapted to your local market requirements. The poles can be ordered from Schröder or via one of our local partners. For more detailed technical information and the availability of custom variants, please contact your local sales representative.

POLE VARIANTS*

*Other poles available on request



Available with a base plate or for ground-recessed mounting.



Height (m)	Round conical (top diameter in mm)				Cylindrical			Step poles		Octogonal conical (top diameter in mm)	Round conical aluminium (top diameter in mm)
	Ø60	Ø76	Ø89	Ø106	Ø89	Ø102	Ø114	Ø 140 / Ø89	Ø 140 / Ø60	Ø60	Ø60
3	X	-	-	-	X	-	-	X	X	X	X
3.5	X	X	-	-	X	-	-	X	X	X	X
4	X	X	-	-	X	X	X	X	X	X	X
4.5	X	X	-	-	X	X	X	X	X	X	X
5	X	X	-	-	X	X	X	X	X	X	X
5.5	X	-	-	-	-	X	X	X	X	X	-
6	X	X	X	-	-	X	X	-	-	X	X
7	X	X	X	X	-	-	-	-	-	X	X
8	X	X	X	X	-	-	-	-	-	X	X
9	X	X	X	X	-	-	-	-	-	X	X
10	X	X	X	X	-	-	-	-	-	X	X
12	X	X	X	X	-	-	-	-	-	X	X
14	-	-	X	X	-	-	-	-	-	-	-

The combination of these poles with post-top brackets or luminaires should be mechanically checked according to local standards.



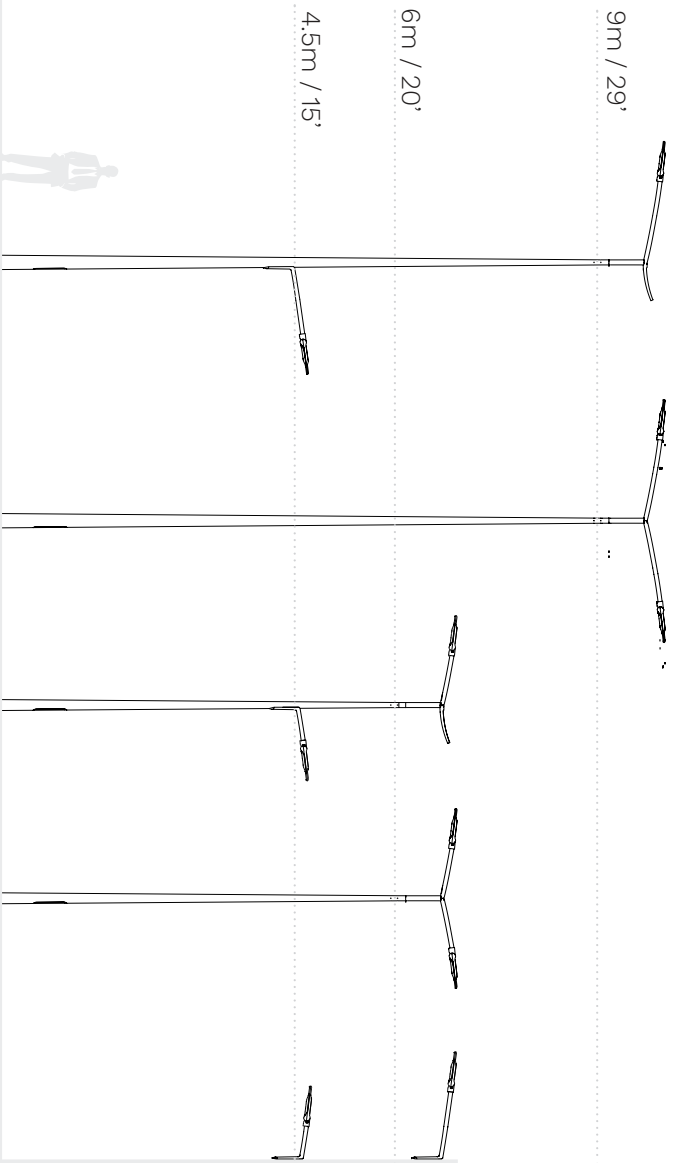
POLES & BRACKETS

ANDO

Design: Michel Tortel

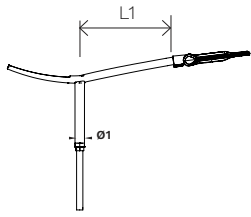


RANGE

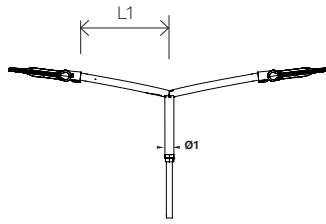


DIMENSIONS

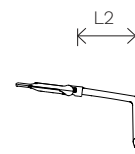
SINGLE BRACKETS



DOUBLE BRACKETS



WALL/REAR BRACKETS



L1	840mm 33"	L2	595mm 23"
	1310mm 52"		1110mm 44"
Ø1	76mm 3"		

RECOMMENDED LUMINAIRES



GENERAL INFORMATION

Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm

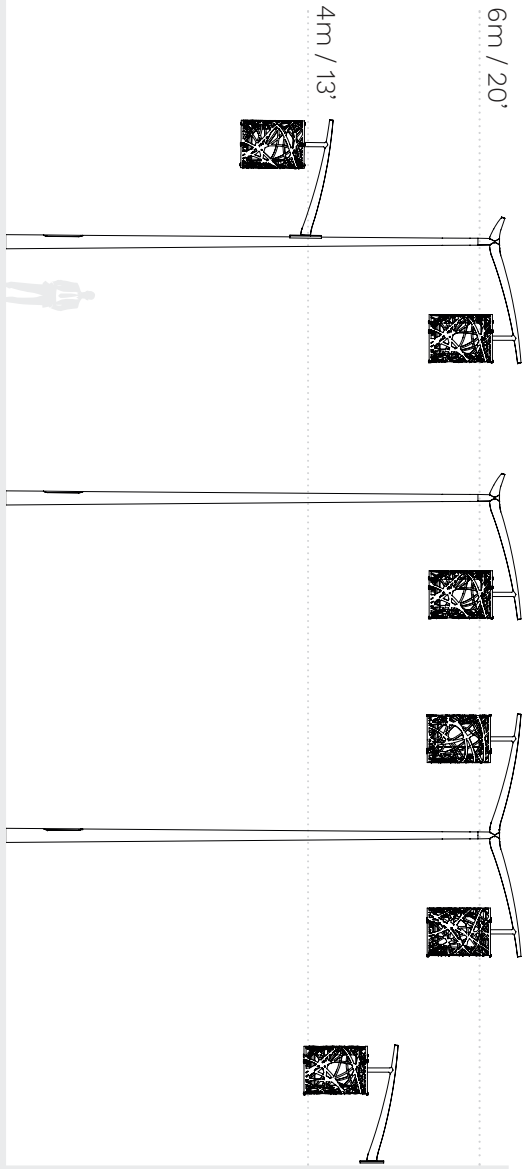


BOREAL BRACKET

Design: Laurent Fachard

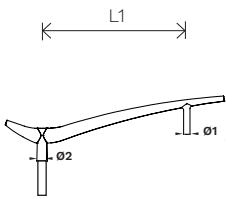


RANGE

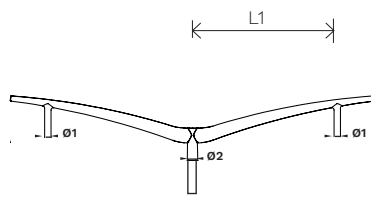


DIMENSIONS

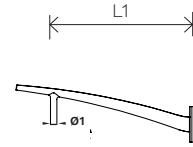
SINGLE BRACKET



DOUBLE BRACKET



WALL BRACKET



L1	1200mm 47"
Ø1	Suspended 1" female
Ø2	89mm 3.5"

RECOMMENDED LUMINAIRES



GENERAL INFORMATION

Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Suspended 1" gas male

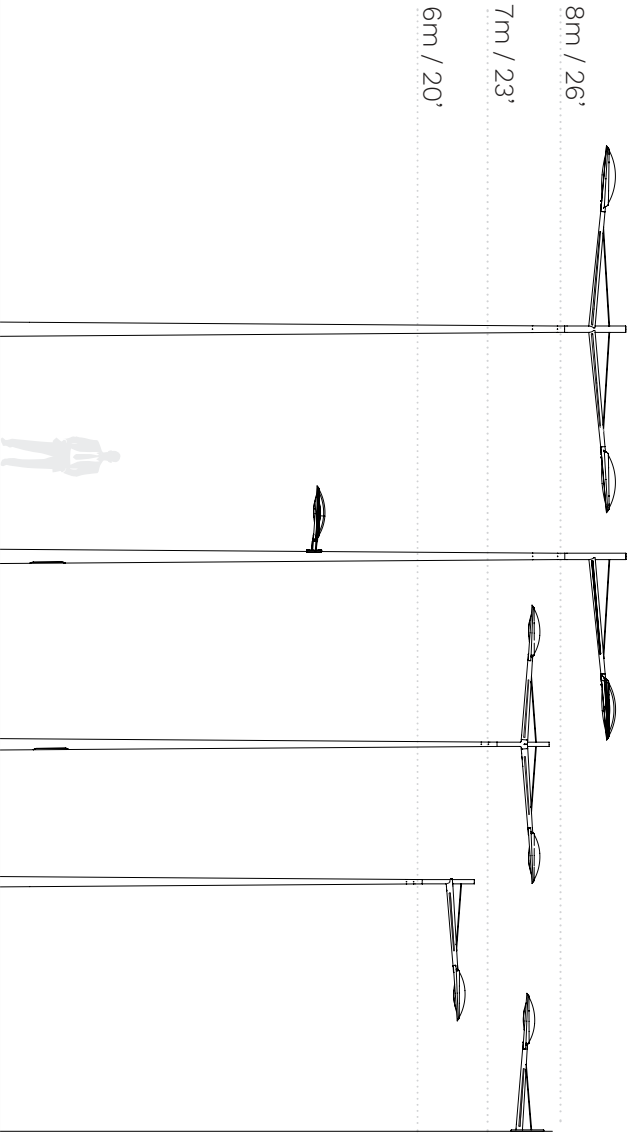


CONDOR

Design: Elizabeth de Portzamparc

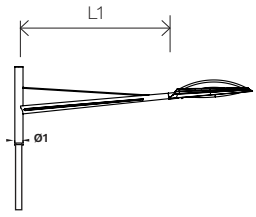


RANGE

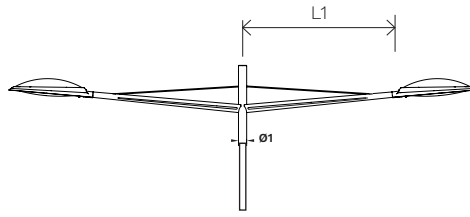


DIMENSIONS

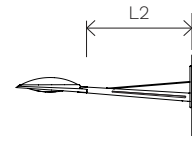
SINGLE BRACKETS



DOUBLE BRACKETS



WALL BRACKET



L1	1150mm 45"	Ø1	60mm 2.5"
	1650mm 65"		89mm 3.5"
L2	1150mm 45"		

RECOMMENDED LUMINAIRES



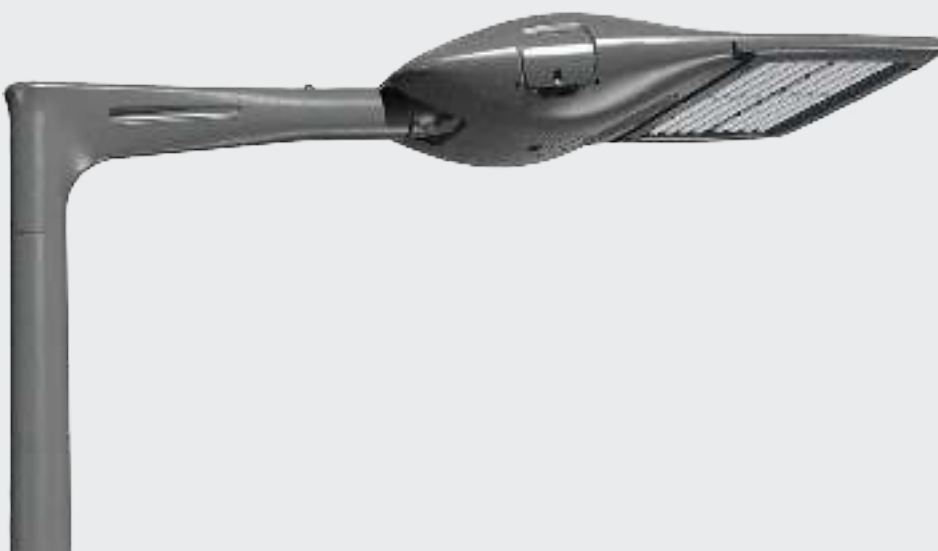
HESTIA

GENERAL INFORMATION

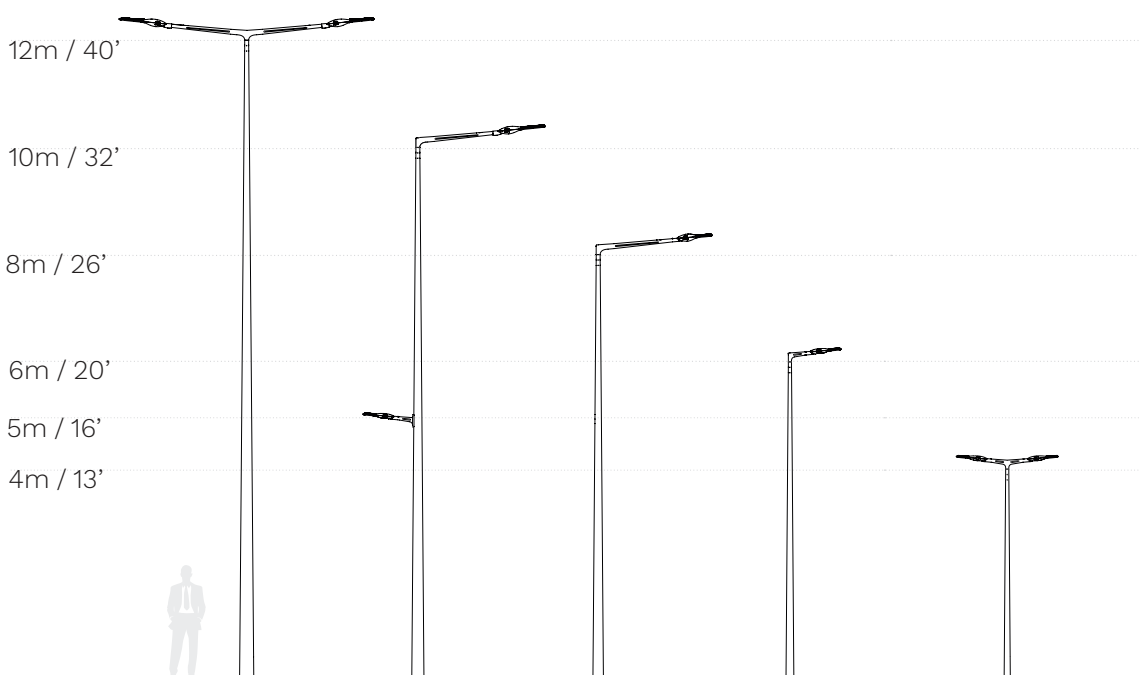
Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Specific for HESTIA



DIO

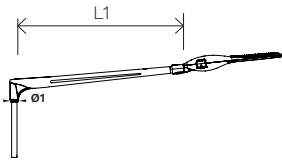


RANGE

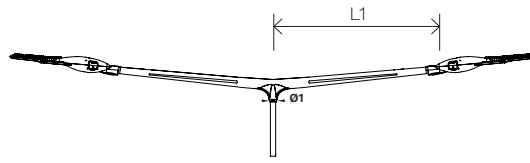


DIMENSIONS

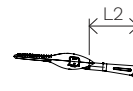
SINGLE BRACKETS



DOUBLE BRACKETS



WALL/REAR BRACKETS



L1	415mm 16"	Ø1	60mm 2.5"
	1500mm 59"		76mm 3"
L2	415mm 16.5"		

RECOMMENDED LUMINAIRES



GENERAL INFORMATION

Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm Side-entry penetrating Ø60mm



ELAYA

Design: Michel Tortel



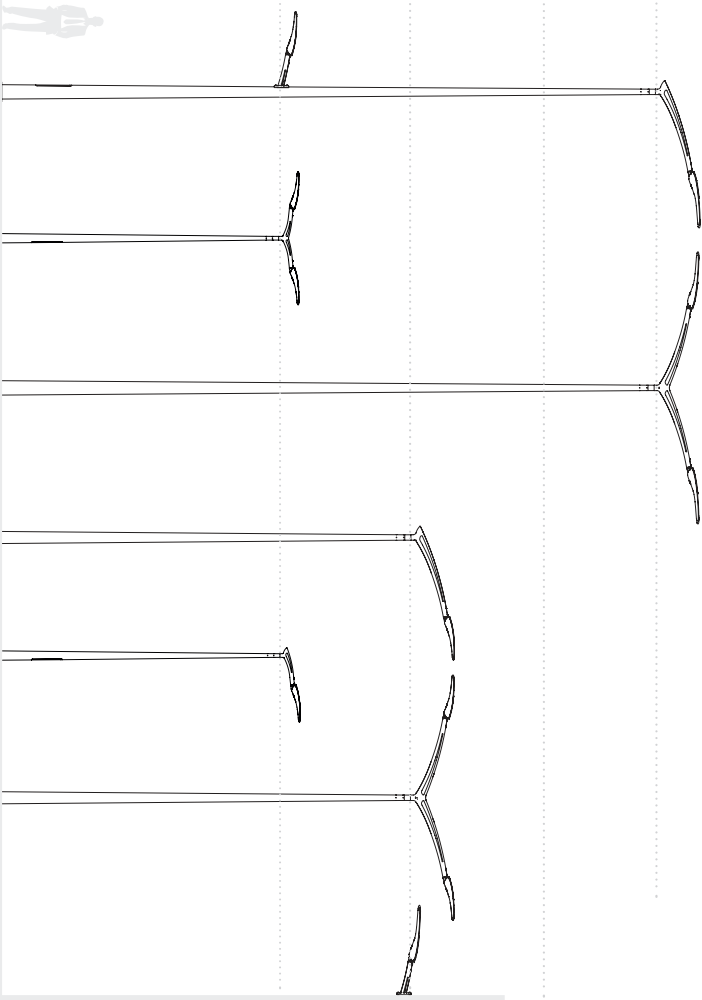
RANGE

10m / 32'

8m / 26'

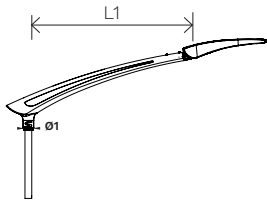
6m / 20'

4m / 13'

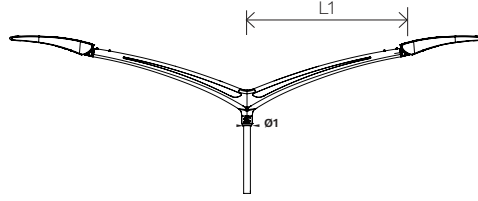


DIMENSIONS

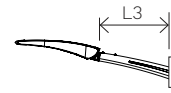
SINGLE BRACKETS



DOUBLE BRACKETS



WALL/REAR BRACKETS



L1	480mm 19"	Ø1	60mm 2.5"
	1100mm 43"		76mm 3"
L2	480mm 19"		

RECOMMENDED LUMINAIRES



GENERAL INFORMATION

Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm Side-entry penetrating Ø60mm
Decorative option	Integrated static coloured LEDs



EQUINOXE

Design: Jean-Michel Wilmotte



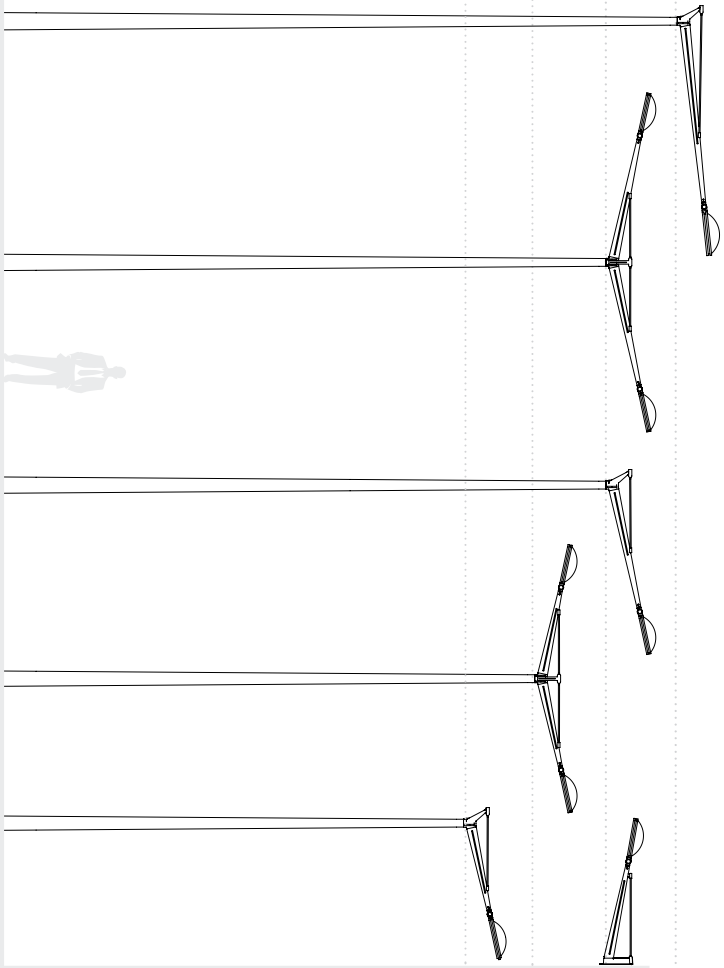
RANGE

9.5m / 30'

8.5m / 26'

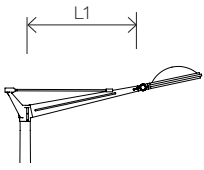
7.5m / 23'

6.5m / 21'

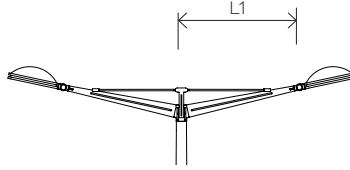


DIMENSIONS

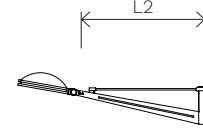
SINGLE BRACKETS



DOUBLE BRACKETS



WALL/REAR BRACKETS



L1	1330mm 52.5"	L2	1280mm 61"
	1830mm 72"	Pole Ø	110mm 4.5"
	2940mm 104.5"		

RECOMMENDED LUMINAIRES



CITEA NG2



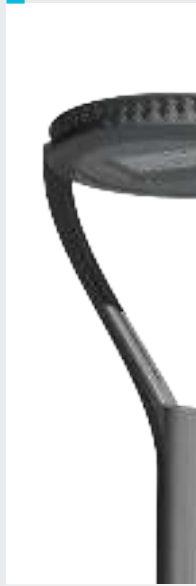
FLEXIA

GENERAL INFORMATION

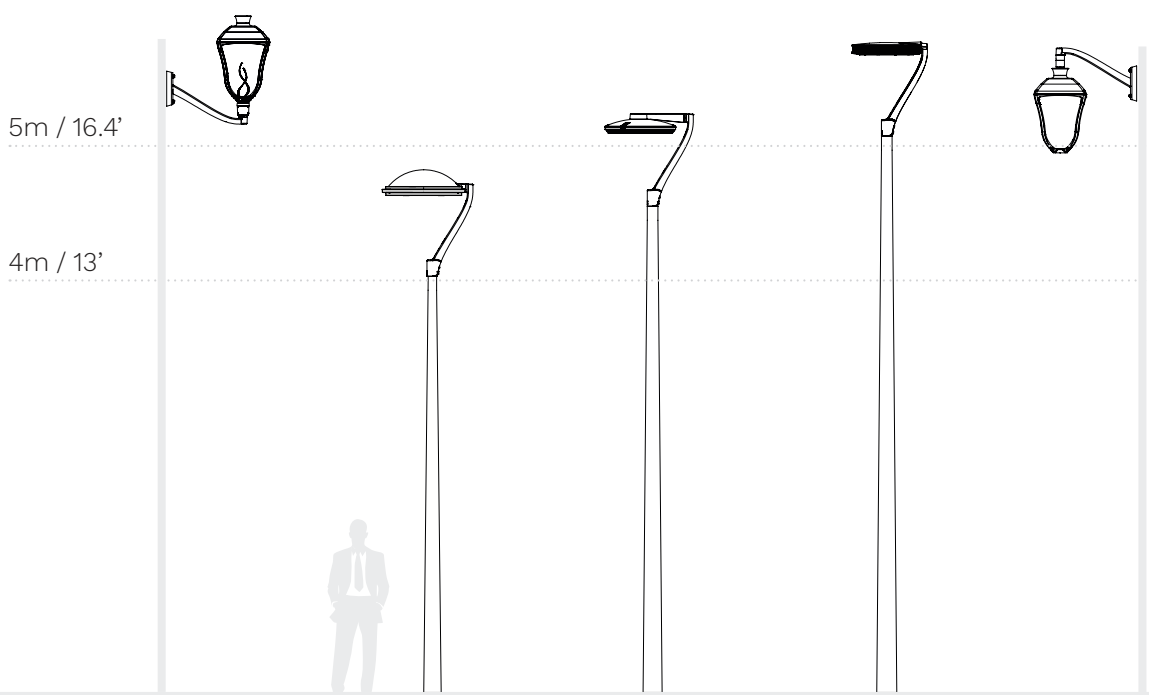
Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry 40x40 square



EVENS

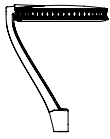


RANGE

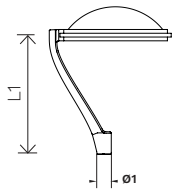


DIMENSIONS

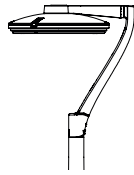
POST-TOP FOR
SIDE-ENTRY
MOUNTING Ø60



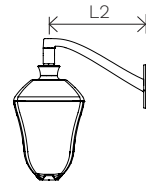
POST-TOP
WITH CITEA
NG2



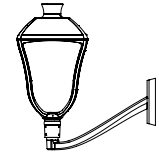
POST-TOP
WITH FLEXIA



WALL BRACKET FOR
SUSPENDED LUMINAIRE



WALL BRACKET FOR
POST-TOP LUMINAIRE



L1 580mm | 23" L2 550mm | 21.5"

Ø1 76mm | 3"

GENERAL INFORMATION

Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm Side-entry 40x40 square Suspended 1" gas male Post-top slip-over – Ø60mm

RECOMMENDED LUMINAIRES



ELO

Design: Michel Tortel



RANGE

10m / 32'

9m / 30'

8m / 26'

7m / 22'

6m / 20'

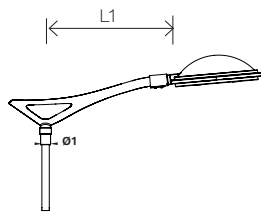
5m / 16'

4m / 13'

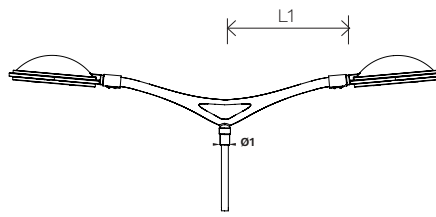


DIMENSIONS

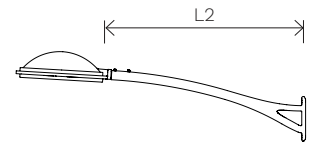
SINGLE BRACKETS



DOUBLE BRACKETS



WALL/REAR BRACKETS



L1	790mm 31"	L2	1250mm 49"
	1250mm 49"	Ø1	76mm 3"

RECOMMENDED LUMINAIRES



GENERAL INFORMATION

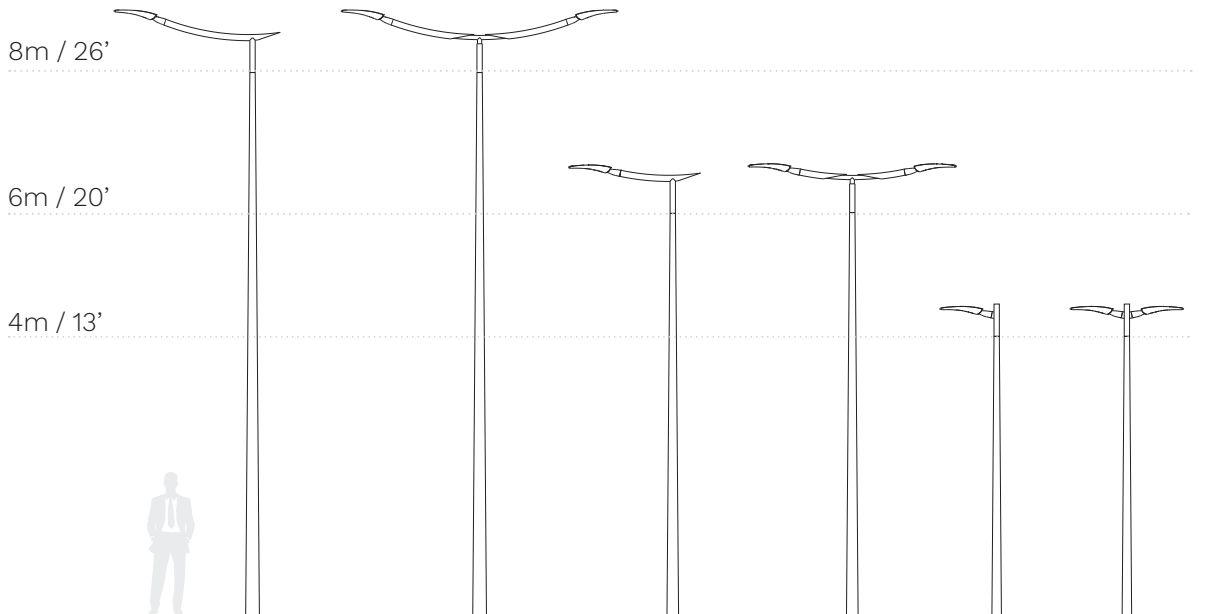
Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm Side-entry penetrating Ø60mm



ITO

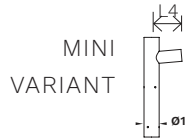
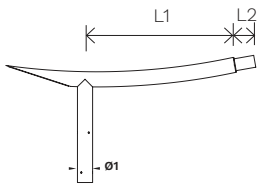


RANGE

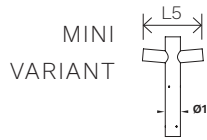
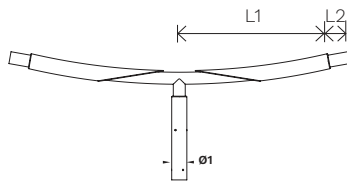


DIMENSIONS

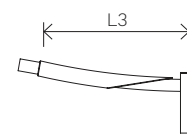
SINGLE BRACKETS



DOUBLE BRACKETS



WALL/REAR BRACKETS



L1	750mm 30"	L4	150mm 6"
	1250mm 49"	L5	300mm 12"
L2	100mm 4"	Ø1	76mm 3"
L3	750mm 30"		

RECOMMENDED LUMINAIRES

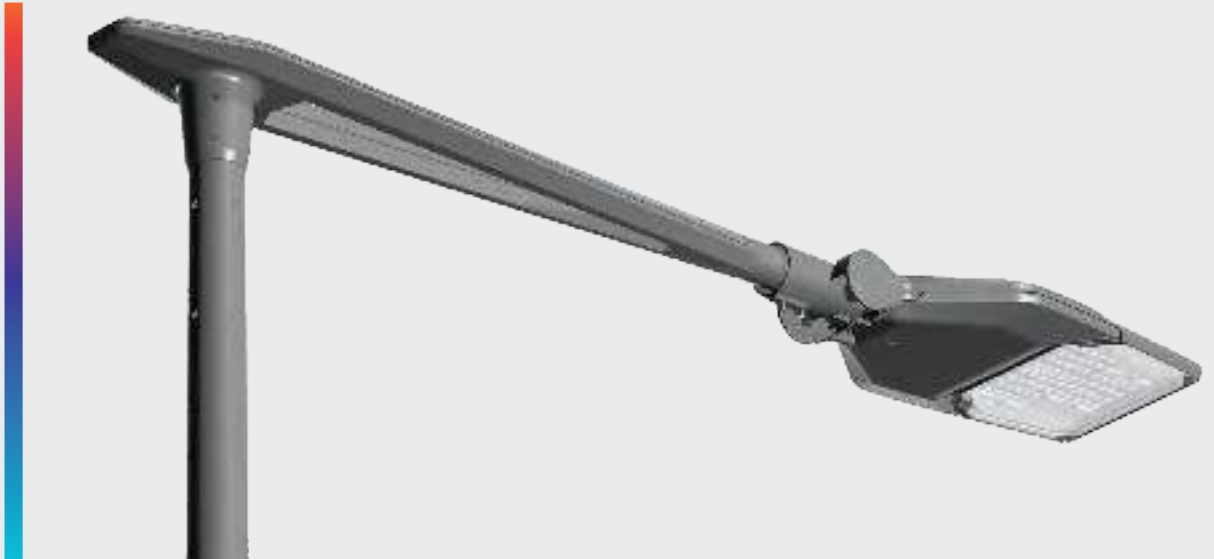


GENERAL INFORMATION

Material	Galvanised steel
Finishing	Liquid paint
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm



KEMA

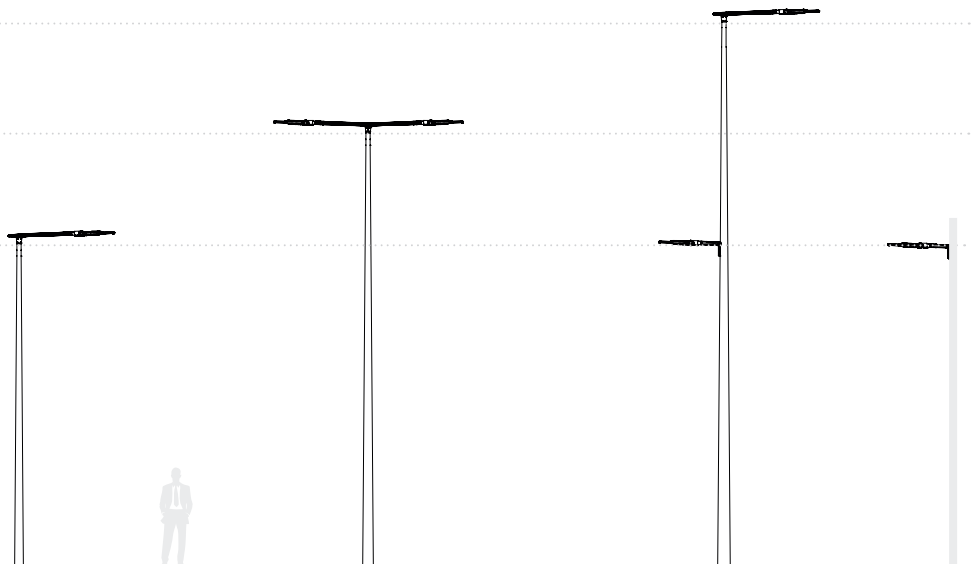


RANGE

10m / 33'

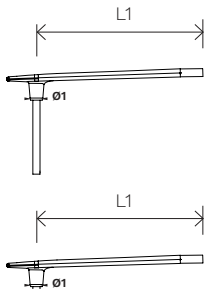
8m / 26'

6m / 20'

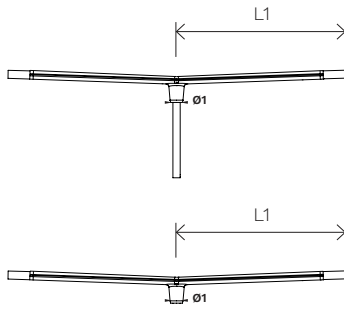


DIMENSIONS

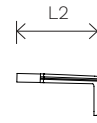
SINGLE BRACKETS



DOUBLE BRACKETS



WALL/REAR BRACKETS



L1 1115mm | 44" Ø1 76mm | 3"

L2 514mm | 20.2"

GENERAL INFORMATION

Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm Side-entry penetrating Ø60mm

RECOMMENDED LUMINAIRES

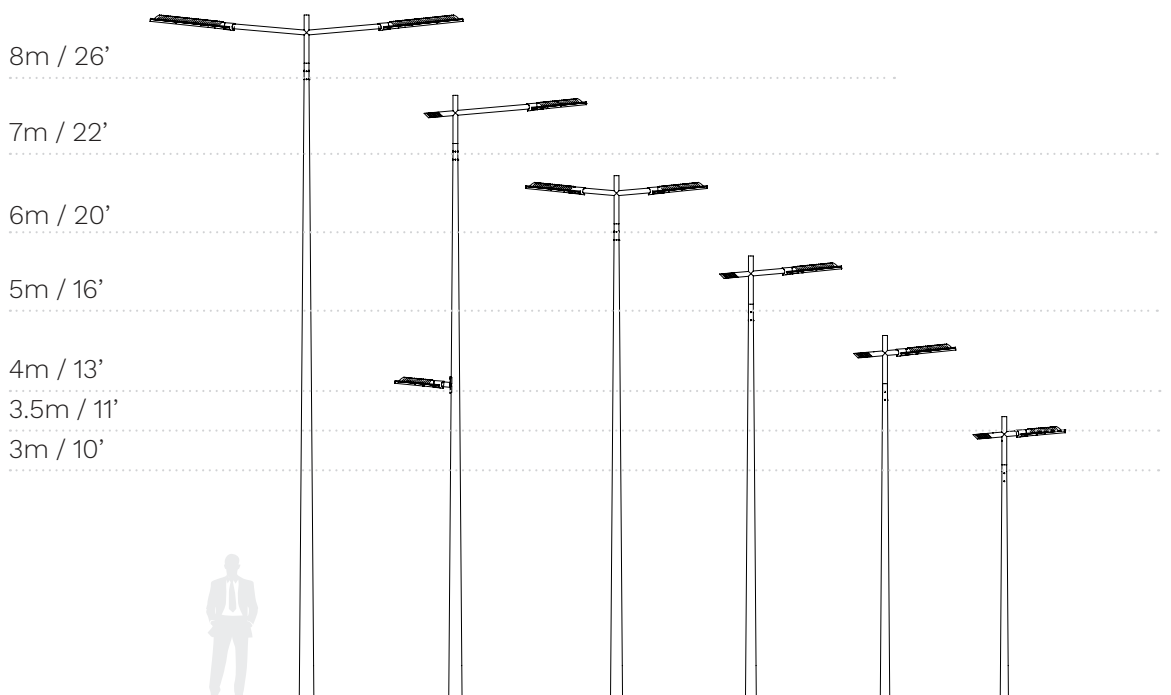


KORDA

Design: Michel Tortel

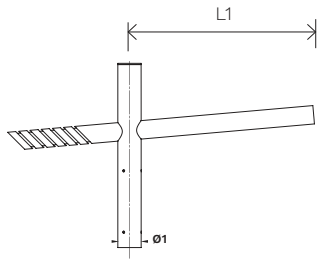


RANGE

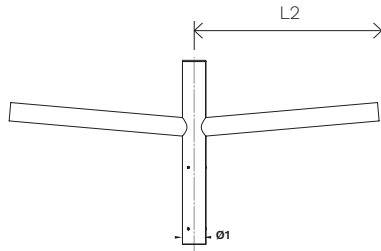


DIMENSIONS

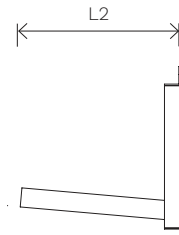
SINGLE BRACKETS



DOUBLE BRACKETS



WALL/REAR BRACKETS



L1	250mm 10"	L2	250mm 10"
	500mm 20"		500mm 20"
	750mm 30"		750mm 30"
	1000mm 40"		1000mm 40"
	1250mm 50"	Ø1	60/76mm 2.5"/3"
	1250mm 50"		

RECOMMENDED LUMINAIRES



GENERAL INFORMATION

Material	Galvanised steel
Finishing	Liquid paint
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm Side-entry penetrating Ø60mm



LUCEA

Design: Michel Tortel

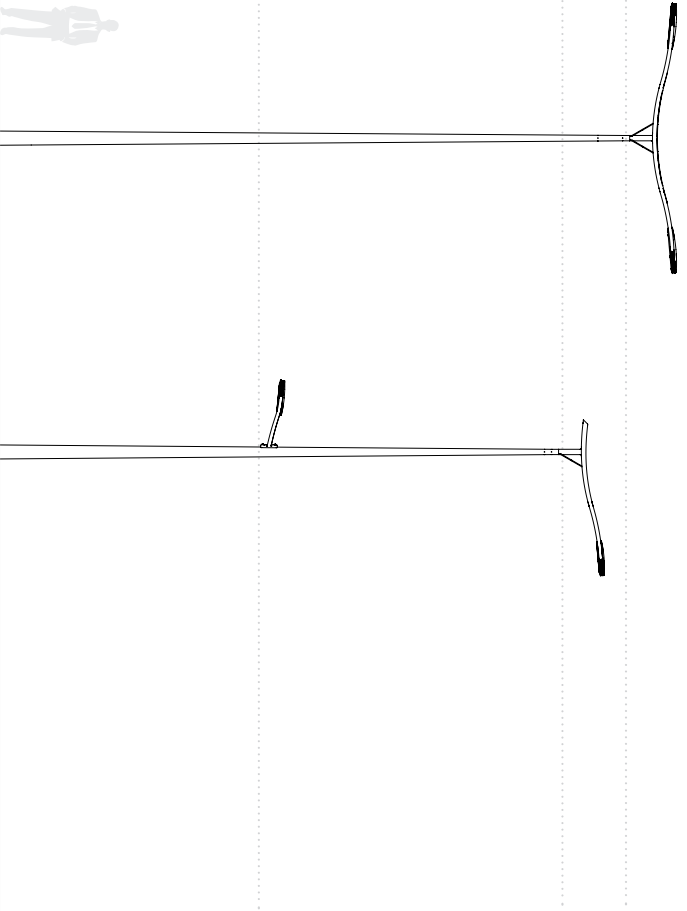


RANGE

10m / 32'

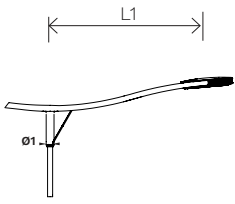
9m / 29'

4m / 13'

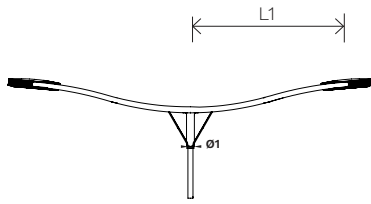


DIMENSIONS

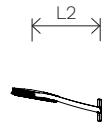
SINGLE BRACKETS



DOUBLE BRACKETS



WALL/REAR BRACKETS



L1	1500mm 60"	L2	710mm 28"
	1600mm 63"	Ø1	76mm 3"

RECOMMENDED LUMINAIRES



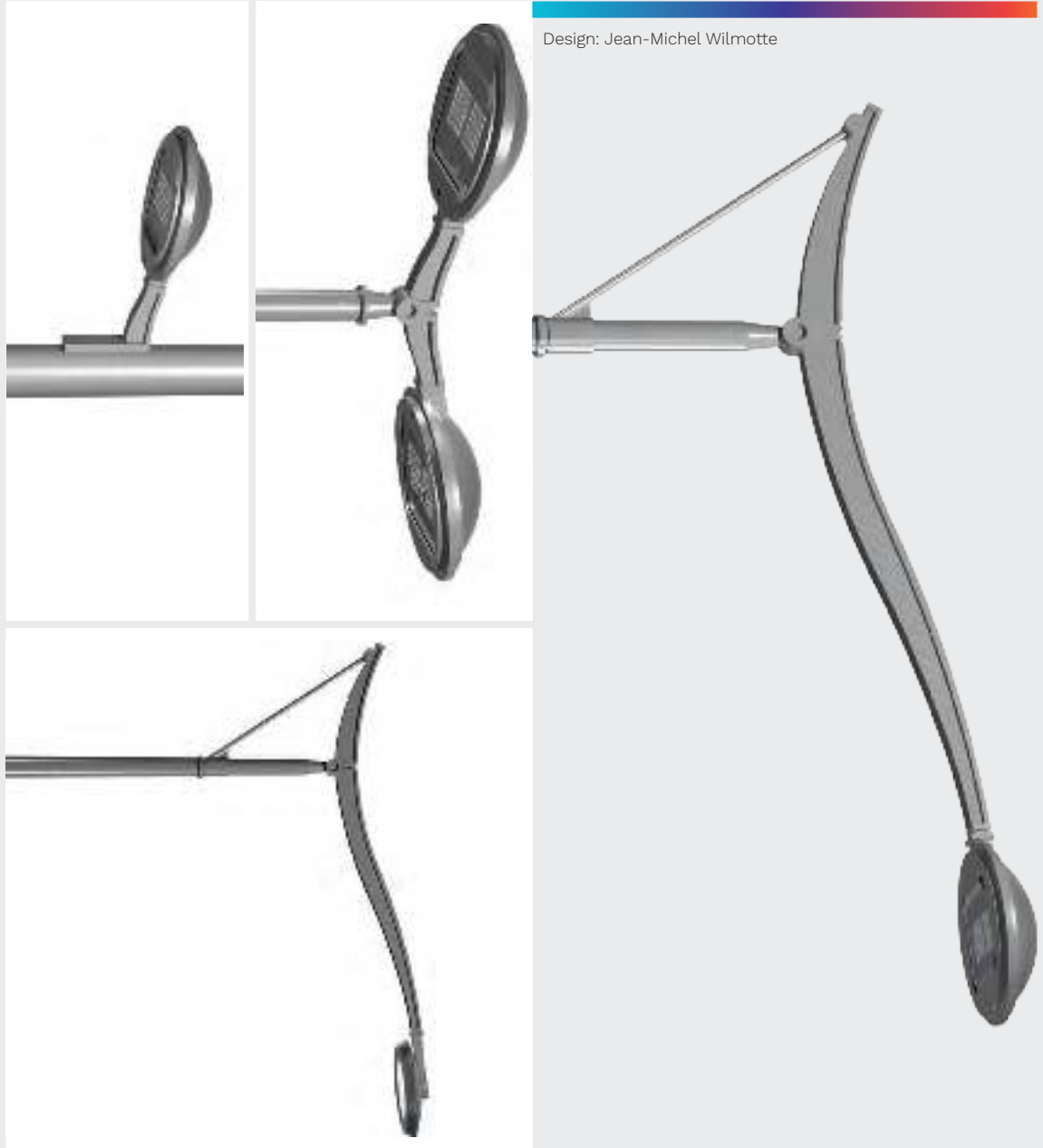
GENERAL INFORMATION

Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Stirrup fork prepared (YOA specific)

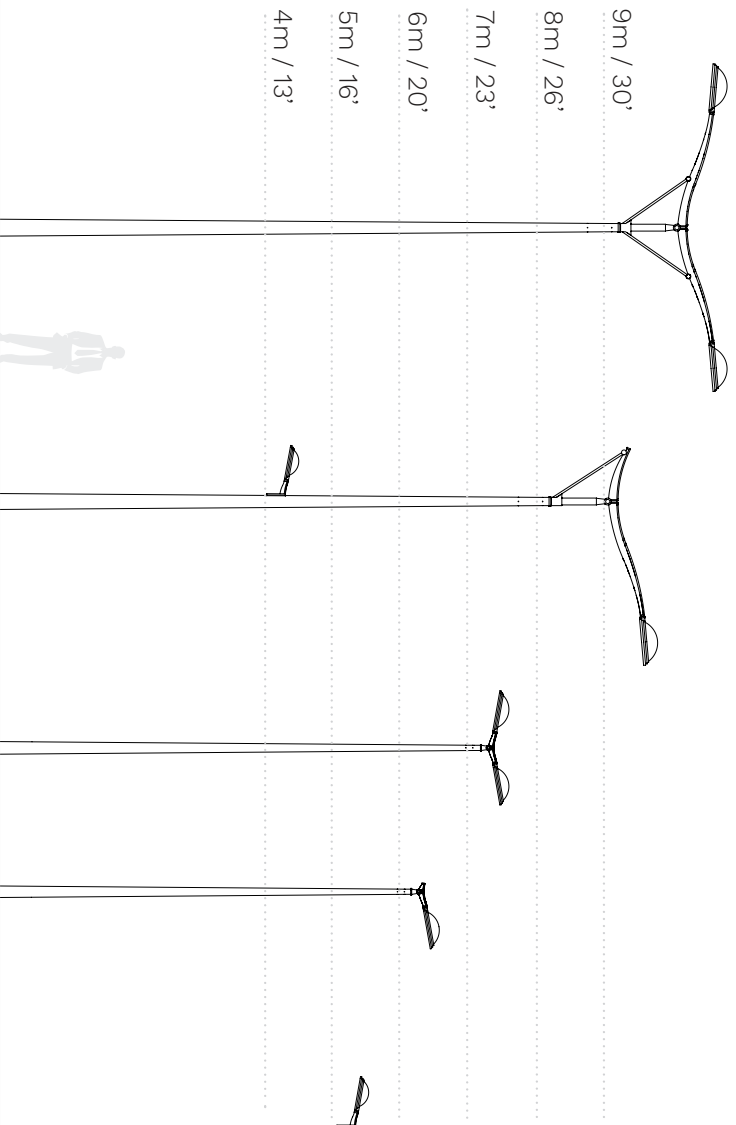


LUTECIA

Design: Jean-Michel Wilmotte

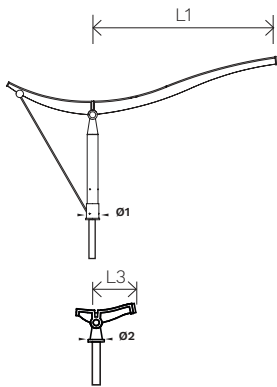


RANGE

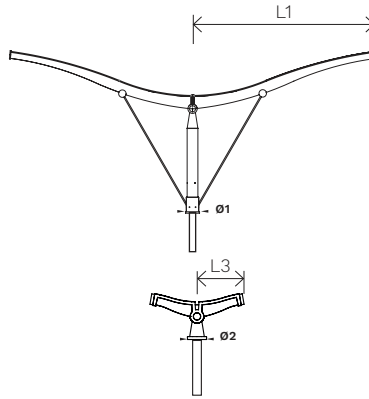


DIMENSIONS

SINGLE BRACKET



DOUBLE BRACKET



WALL/REAR BRACKETS



L1	1700mm 67"	Ø1	120mm 4.5"
L2	245mm 9.7"		
L3	240mm 9.5"	Ø2	100mm 4"

RECOMMENDED LUMINAIRES



GENERAL INFORMATION

Material	Galvanised steel or aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry 40x40 square



LYRE Y0A

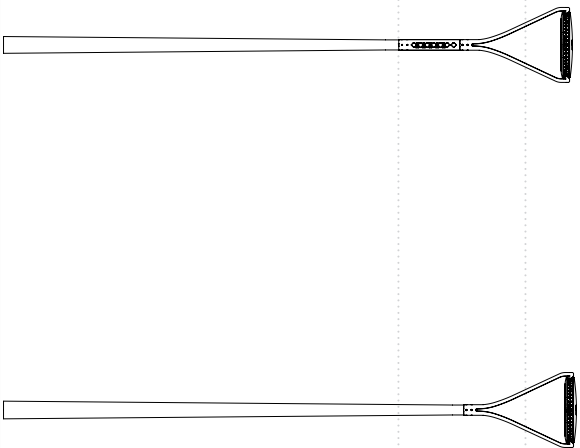
Design: Michel Tortel



RANGE

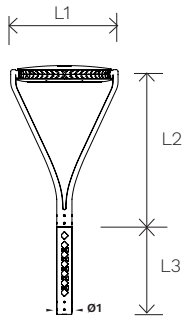
4m / 13'

3m / 10'

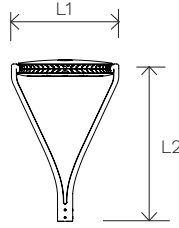


DIMENSIONS

WITH EMBELLISHMENT



WITHOUT EMBELLISHMENT



L1	565mm 22"	L3	460mm 18"
L2	850mm 33.5"	Ø1	76mm 3"

RECOMMENDED LUMINAIRES



YOA

GENERAL INFORMATION

Material	Aluminium or galvanised steel (variants without embellishment)
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Stirrup fork prepared (YOA specific)



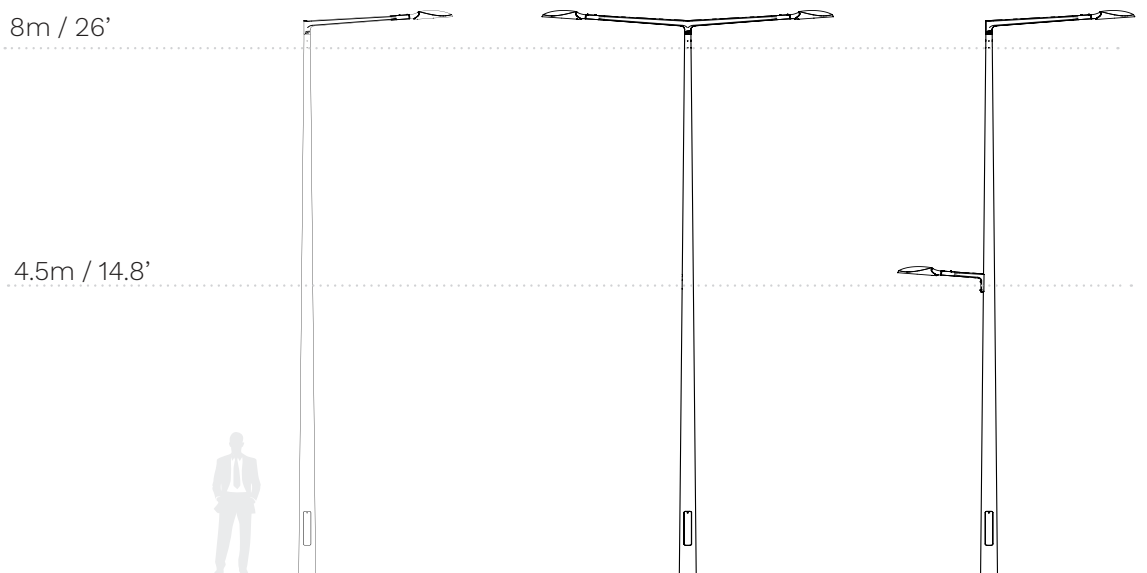
MILLA



RANGE

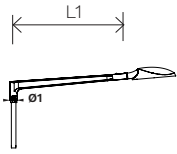
8m / 26'

4.5m / 14.8'

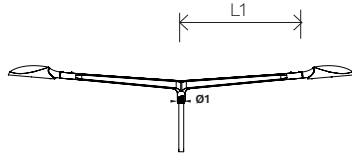


DIMENSIONS

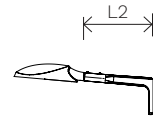
SINGLE BRACKET



DOUBLE BRACKET



WALL/REAR BRACKETS



L1	1200mm 47"	Ø1	76mm 3"
L2	500mm 20"		

GENERAL INFORMATION

Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm Side-entry penetrating Ø60mm

RECOMMENDED LUMINAIRES



SOFIA

Design: iOL Design

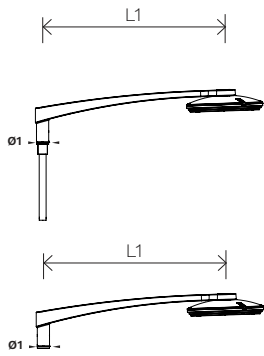


RANGE

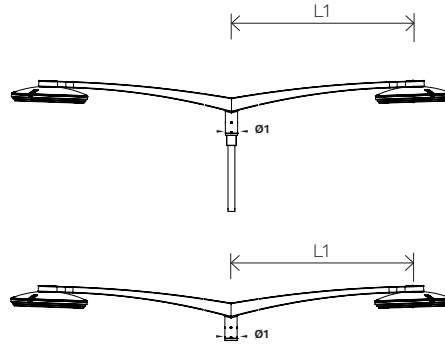


DIMENSIONS

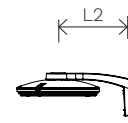
SINGLE BRACKETS



DOUBLE BRACKETS



WALL/REAR BRACKETS



L1	400mm 16"	Ø1	60mm 2.5"
	1200mm 47"	Ø1	76mm 3"
L2	415mm 16.5"		

RECOMMENDED LUMINAIRES



GENERAL INFORMATION

Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	No mounting (FLEXIA specific)



SAINT REMY

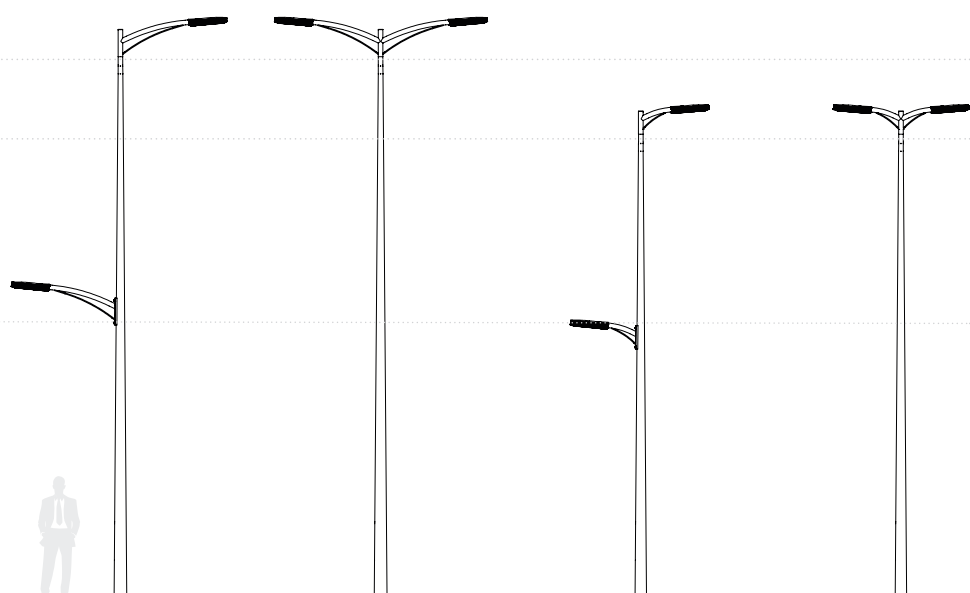


RANGE

7m / 23'

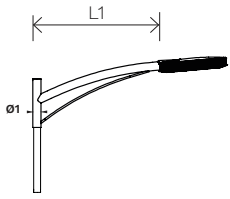
6m / 19,7'

3.5m / 9'8"

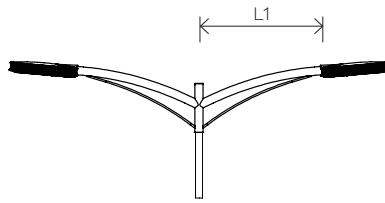


DIMENSIONS

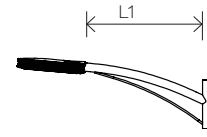
SINGLE BRACKETS



DOUBLE BRACKETS



WALL/REAR BRACKETS



L1	500mm 20"	Ø1	60mm 2.5"
	1000mm 40"		

RECOMMENDED LUMINAIRES



GENERAL INFORMATION

Material	Galvanised steel
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm Side-entry penetrating Ø60mm



STADIO

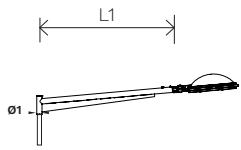


RANGE

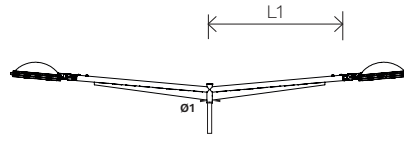


DIMENSIONS

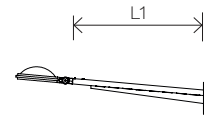
SINGLE BRACKETS



DOUBLE BRACKETS



WALL/REAR BRACKETS



L1	500mm 20"	Ø1	60mm 2.4"
	1000mm 40"		
	1500mm 60"		

RECOMMENDED LUMINAIRES



GENERAL INFORMATION

Material	Galvanised steel
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm Side-entry penetrating Ø60mm

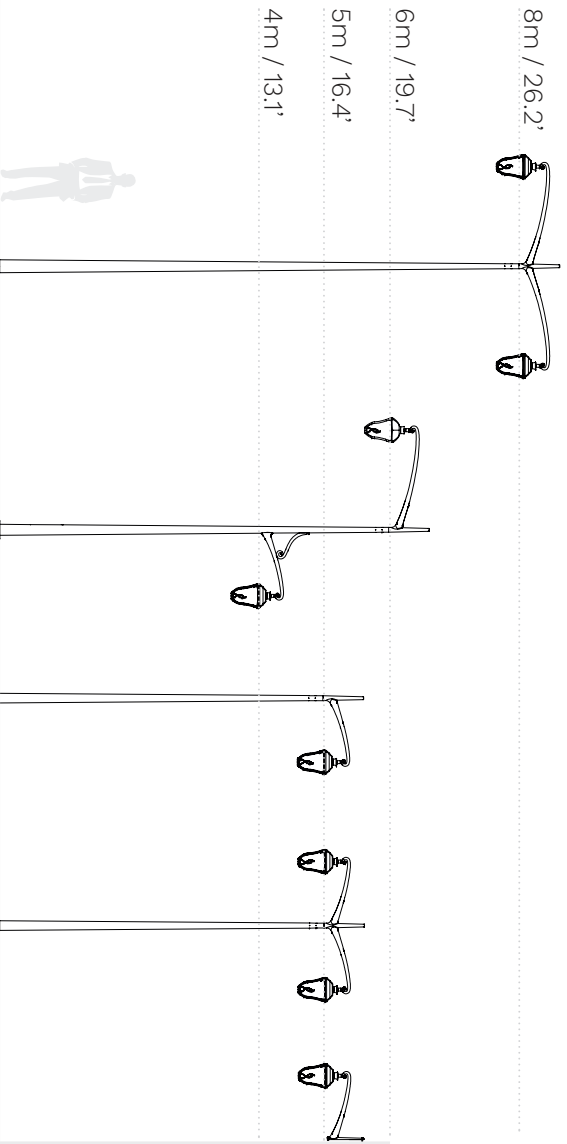


STYLAGÉ

Design: Michel Tortel

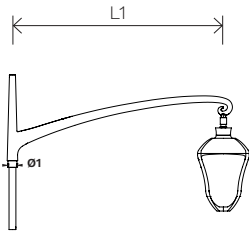


RANGE

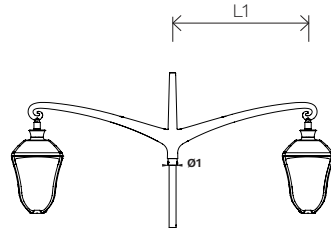


DIMENSIONS

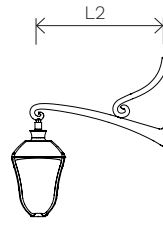
SINGLE BRACKETS



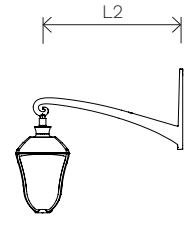
DOUBLE BRACKETS



REAR BRACKET



WALL BRACKET



L1	980mm 38.5"	L2	976mm 38.5"
	1530mm 60"	Ø1	76mm 3"

RECOMMENDED LUMINAIRES



GENERAL INFORMATION

Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Suspended 1" gas male



TRESSA

Design: Michel Tortel

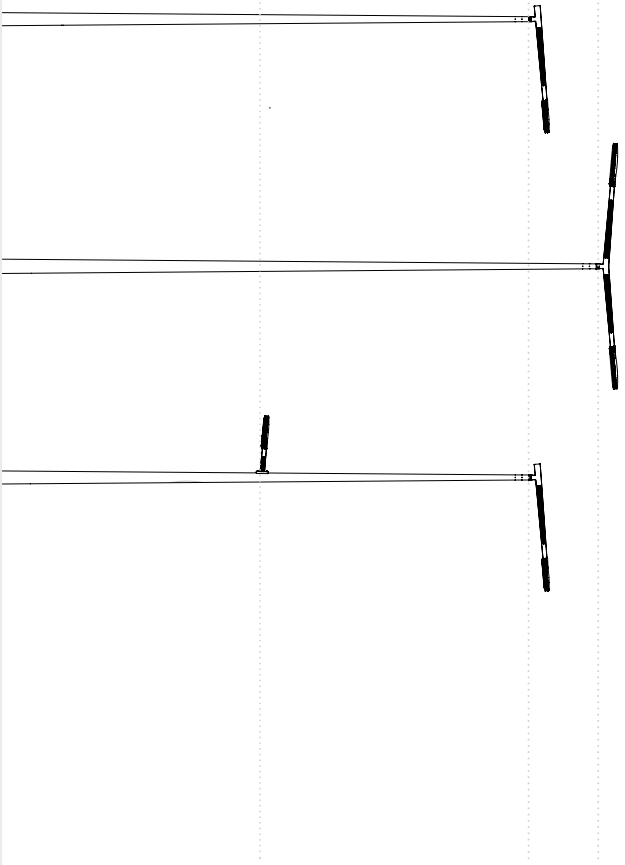


RANGE

9m / 30'

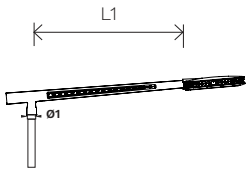
8m / 26'

4m / 13'

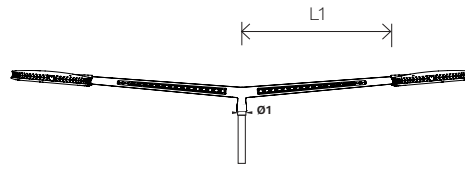


DIMENSIONS

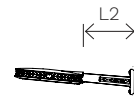
SINGLE BRACKET



DOUBLE BRACKET



WALL/REAR BRACKETS



L1	1320mm 52"	Ø1	76mm 3"
L3	480mm 19"		

RECOMMENDED LUMINAIRES



GENERAL INFORMATION

Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm Side-entry penetrating Ø60mm
Decorative option	Integrated static coloured LEDs



VECTOR

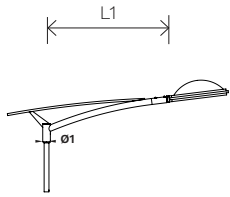


RANGE

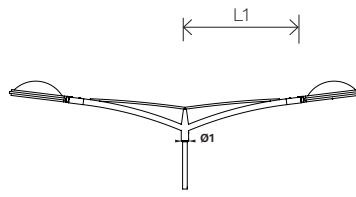


DIMENSIONS

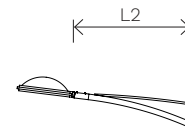
SINGLE BRACKET



DOUBLE BRACKET



WALL/REAR BRACKETS



L1 1200mm | 47" Ø1 76mm | 3"

L2 775mm | 30.5"

1225mm | 48"

RECOMMENDED LUMINAIRES



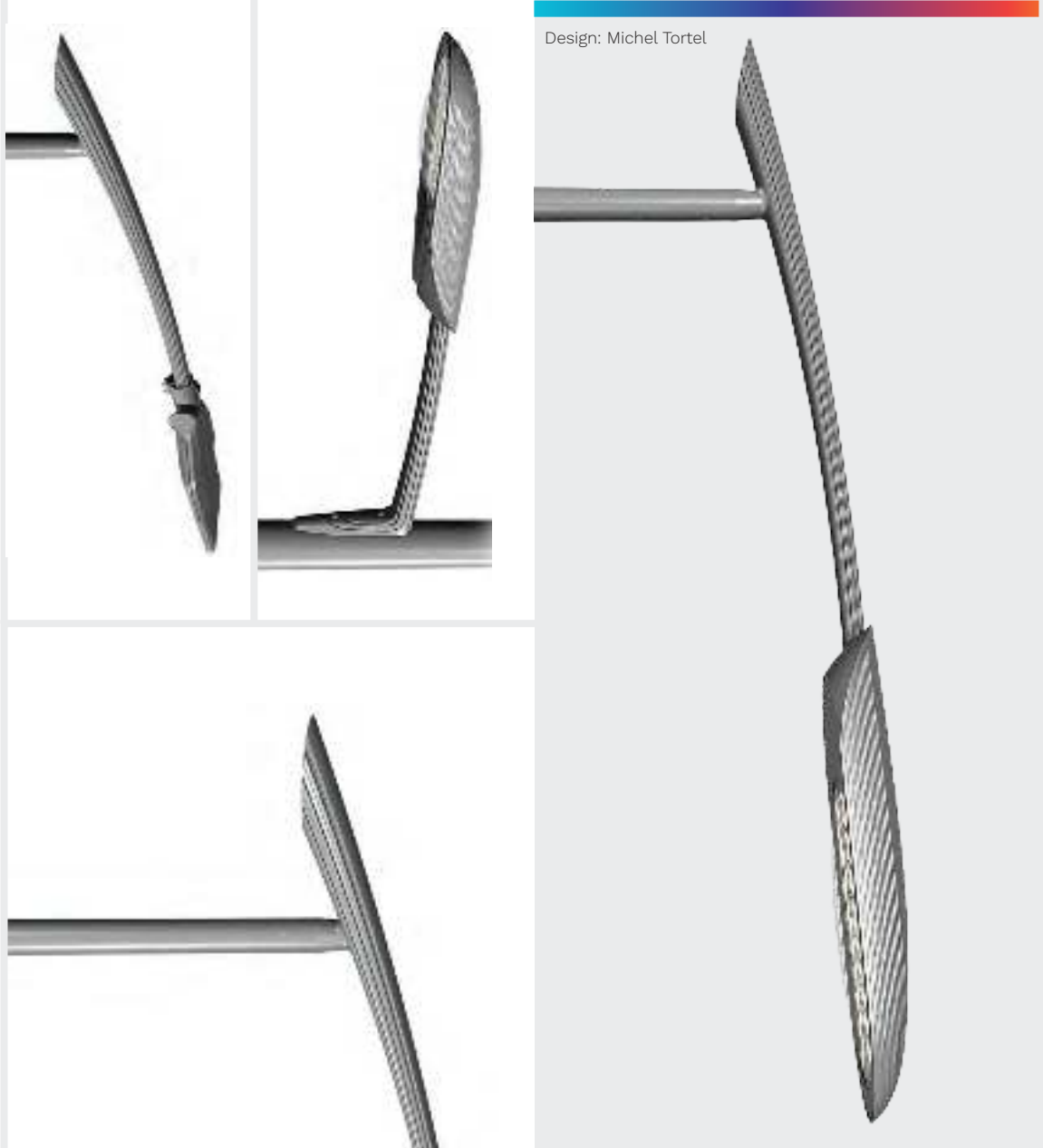
GENERAL INFORMATION

Material	Galvanised steel
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm Side-entry penetrating Ø60mm

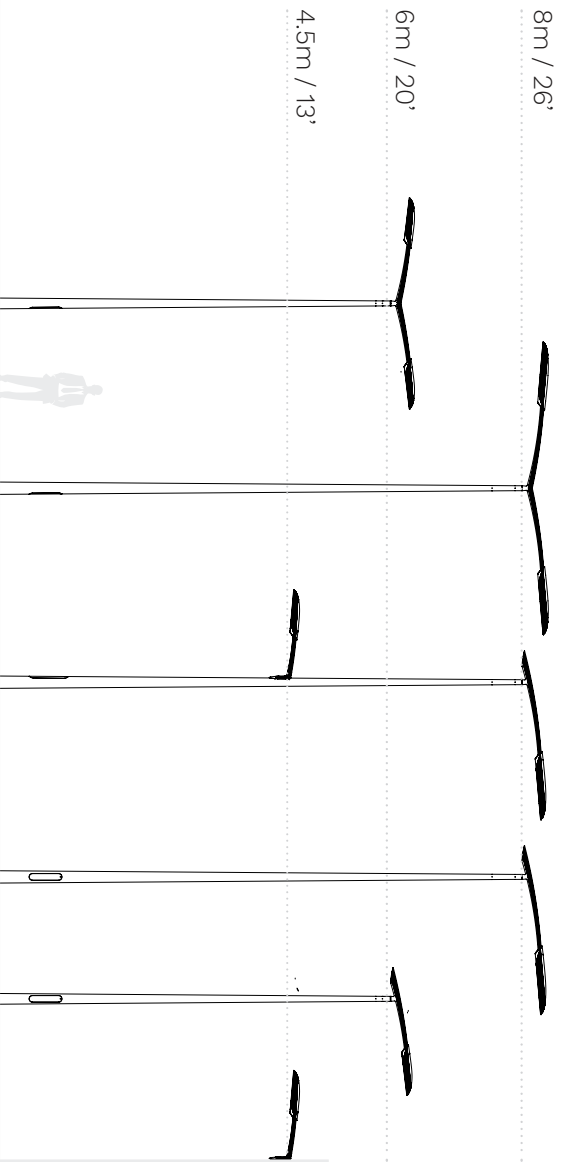


YOHO

Design: Michel Tortel

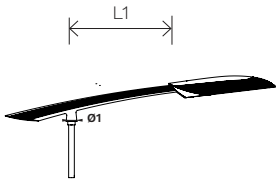


RANGE

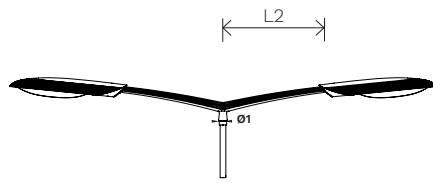


DIMENSIONS

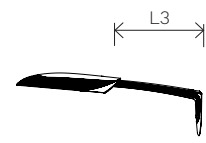
SINGLE BRACKETS



DOUBLE BRACKETS

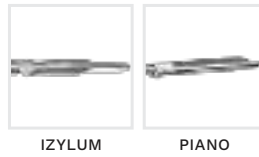


WALL/REAR BRACKETS



L1	850mm 33.5"	L3	747mm 29.5"
	1200mm 47"	Ø1	76mm 3"
L2	990mm 39"		
	1340mm 53"		

RECOMMENDED LUMINAIRES



GENERAL INFORMATION

Material	Aluminium
Finishing	Polyester powder coating
Colour	AKZO 900 grey sanded Any other RAL or AKZO colour
Seaside coating	Available on request
Cable puller	Included as an option
Luminaire mounting compatibility	Side-entry slip-over Ø60mm



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