



# Inspiration for urban complete sets

Complete lighting point  
solutions to enhance your city

innovation ✨ you



**PHILIPS**

Inspiration  
for urban  
complete  
sets



# A vibrant future

We believe strongly in the development of creating liveable cities by realising warm and inviting places with a clear own identity where people enjoy living in and want to visit.

Lighting plays a central role in how people feel about their city or village. That's why the lighting in cities and villages has evolved from purely functional lighting into a more demanding and creative discipline. Urban development and regeneration programs of outdated and impoverished areas has helped to support this demand for urbanisation. Lighting should not only provide safety and orientation for people that drive, cycle or walk, but must be pleasing and inviting as well. It should promote communication and well-being, encouraging night-time socialising and complementing the city's night life. Luminaires, poles and brackets for urban area, street and road lighting also have an architectural role. During the day they become an integral part of the street and during the night they create ambience and inspiring environments.

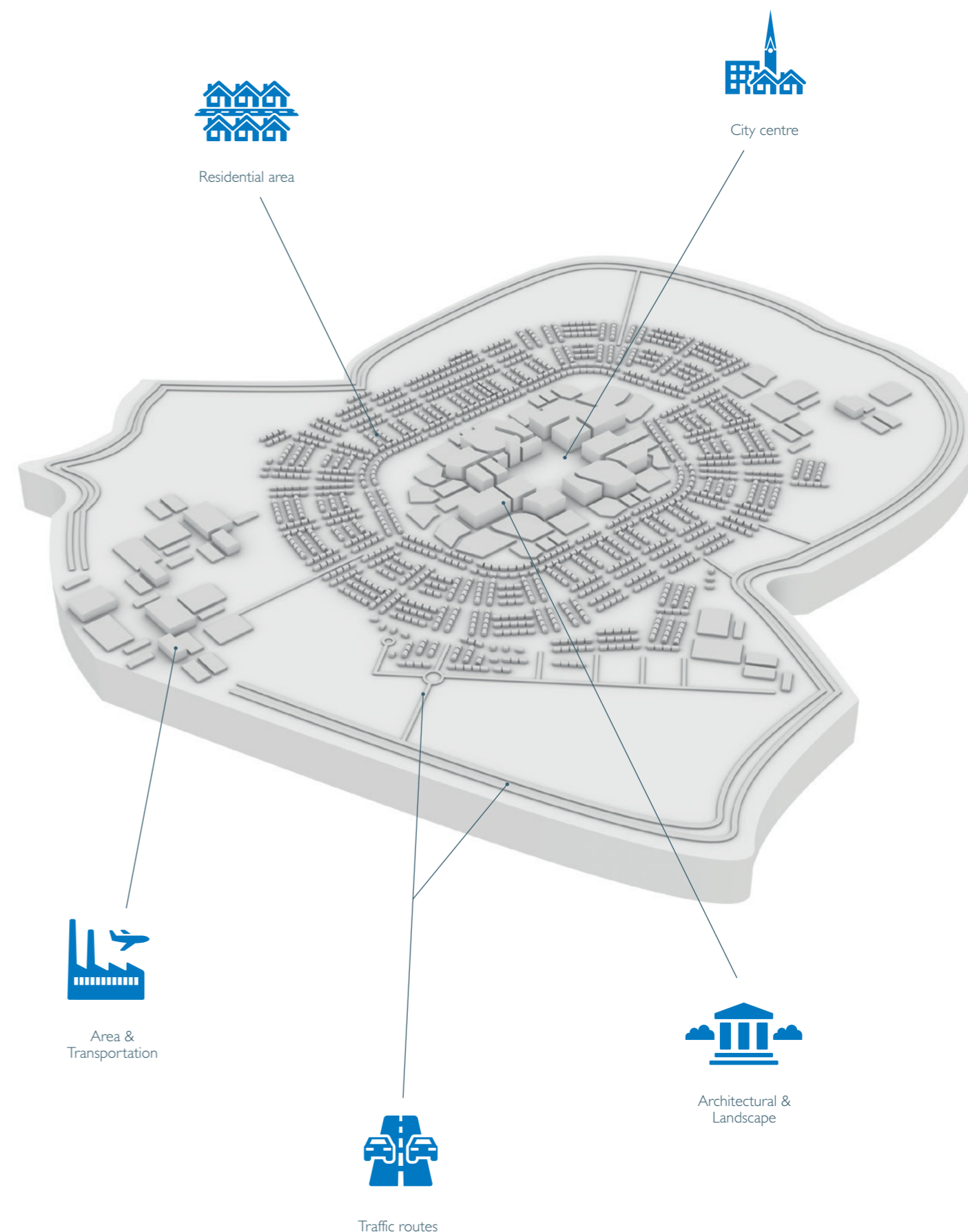
### Feel proud of your city

There is a clear wish of citizens and local politicians to return the city to citizens and bring back the quality of city life. With that respect, lighting products are not only perceived as functional lighting points, but also

as urban furnishment part of the city landscape. Lighting points must participate to the beauty of the city: enhancing the architecture and creating the ambience. The esthetics of the luminaires becomes as important as the technical performances. Luminaires, poles and brackets must form a coherent system with consistent design and perfect integration.

### Feel free to design

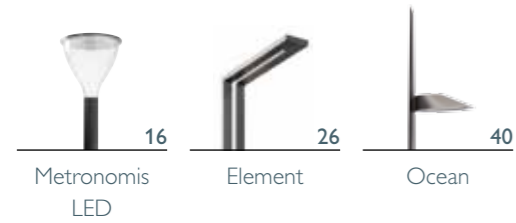
Because every city has a specific heritage and culture landscape architects, urban planners, local authorities, lighting designers and city contractors need to choose the most suitable complete lighting set. As a lighting partner we created this catalogue with the objective to offer ideas and inspiration that will help in making the right choices for an urban project, by presenting a selection of our dedicated complete lighting sets solutions. Apart from our offer in this catalogue we have more tailor-made complete set solutions. Please contact your Philips representative for all possibilities.



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### Ambience lighting



### Urban street & road lighting



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### Urban area & street lighting



### Urban road lighting



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# Services and Tools

We strive to turn a business-effective lighting solution into a simple, streamlined process for our customers. Your industry's needs are extremely familiar to us, so you can count on us to reliably deliver or help coordinate any – or all – parts of the lighting solution, from products to services. When you partner with us to implement a complete lighting point solution, you are assured of results that enhance urban spaces and give you maximum performance with minimum hassle and risk. For integrated complete lighting set solutions we have dedicated services and tools ready for you to make your project a success.



## 1. Advice for complete lighting point solutions

We can give you expert on creating a complete lighting set solution for your project based on your set of requirements. These advisory services contain 2D and 3D mechanical and technical compatibility checks, correct proportion measurements, complete lighting set design, advice on installation, safety and maintenance of complete lighting sets, so you can evaluate your investment from every angle.

## 2. Tailor-made solutions

Apart from the complete sets we show in this catalogue we also have expertise in creating tailor-made complete lighting set solutions if your project demands a special shape or appearance. We can realise your imagination with our know-how! Drawing on expertise, our project team will work closely with you to help you find the solutions that are best suited to the characteristics and constraints of the urban spaces you want to light. From creation and technical design, up to development and manufacturing, we will support you at every stage, with only one objective - help make your project succeed in line with good design and workmanship principles.

## 3. Co-development

Every lighting scheme presents its own unique set of challenges. A myriad of different techniques,

equipment and technologies are available to turn your creative ideas into reality. Our dedicated application and product development teams are here to help. They are actively involved in projects associated with the creative design and implementation of the illumination of prominent landmarks, architecture, landscapes or urban development district programs related to urban lighting and lighting control systems for both indoor and outdoor applications. Our specialists will be happy to work with you to co-create a lighting solution that brings your city lighting ideas to life.

## 4. Customer project presentation

Next to standard light technical advice we can support you with complete customer project presentations either by our own dedicated teams or by a preferred landscape architect or urban planners. A complete customer project presentation consists of different modules that can be selected by you. Modules are light technical advice, more detailed information about suitable complete lighting set solutions, quotation, TCO calculation, 2D complete set configuration, 2D or 3D simulations of the lighting project.

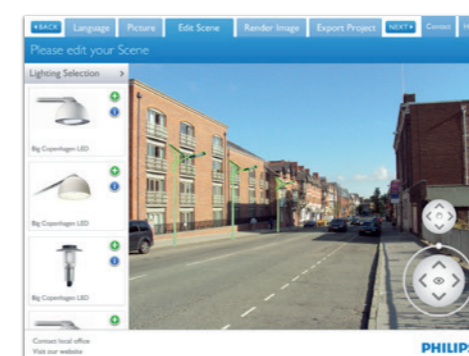
## Tools

### 1. RenderTool

In an urban environment, complete integrated sets of luminaire, bracket and pole are not only considered as just a functional lighting point, but perceived as part of the urban furnishment that contribute to shape the urban landscape. Therefore, their impact on the day-time appearance is a crucial decision factor. But on paper it is difficult to imagine how the complete sets will look like when they will be installed.

To give more sense to the decision making process and to help our customers, we have developed the RenderTool. The tool is a free and easy-to-use software that helps you making visualisations of our complete set solutions in your project. RenderTool is simple to use: take a picture of your project with your mobile or camera, transfer it to your PC, open the tool and upload the picture, select your favourite solution in our database. Put the complete lighting points wherever you want on your picture.

RenderTool uses a 3D engine and can bring perspective to the complete lighting sets and rotate them. You can even change the colour of the complete set and make very realistic renderings. It is now very easy to simulate the day-time appearance of your project when you plan to install new lighting installations or replace them.



All complete set configurations are thoroughly tested and meet all technical and mechanical requirements that you need.

### 2. Complete set configuration tool

With our complete set configuration tool you can make your own 2D complete lighting point composition by selecting the shape or design of your pole, select the luminaire and add the compatible brackets to it.

After the configuration you can customise the configuration further by choosing colours and playing with different installation heights or different brackets. The final result will give you a good impression of the complete lighting set for your project.



All complete set configurations data in the tool are thoroughly tested and meet all technical and mechanical requirements that you need.

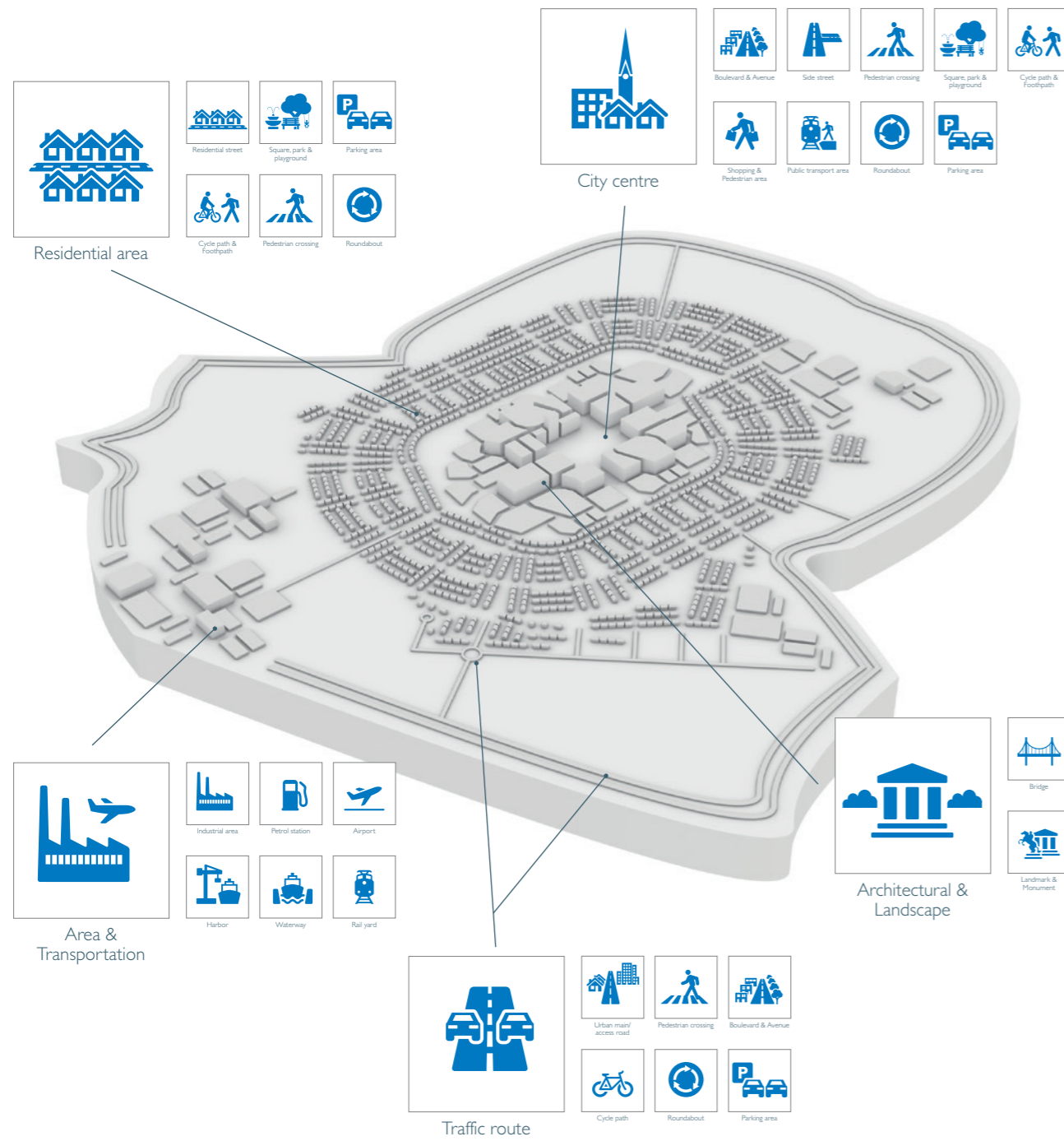




# Urban Inspiration

Cities want to create an identity, branding themselves as unique, beautiful, inspiring and secure places. Our Urban Inspiration complete lighting set solutions can transform the night scene, enhance urban architecture and create an inviting pleasant, vibrant and dynamic ambience for citizens as well as for visitors.





Our Urban Inspiration lighting solutions are incorporating all necessary functional primarily aspects of lighting, but with strong focus on the emotional values of lighting to create the right ambience, enhance areas, well-being, promote tourism and culture and increase the liveability and city branding. For every application in the city we do have several solutions to really inspire and enhance your city, while meeting your demands and beyond.



# Urban Inspiration



## UrbanStyling

The face of a city changes with planning projects, replacements or recovering programs and new uses of public spaces. Different social practices are emerging and every city or village is looking to be more attractive, welcoming, convenient and safe. That is why we have created the UrbanStyling concept to enhance the city and village image and give them a consistent identity to better serve their citizens. These complementary and modular solutions act as practical "tool box" for urban development planners, specifiers and decision makers within municipalities. UrbanStyling is designed for a diversity of uses, focused on contemporary creations, materials and structure, light scenarios, innovation and environmental protection. Quality of life in the city, well-being, conviviality, atmosphere... UrbanStyling is a complete revolution in the lighting and planning of communities, that allows you to shape coherency between several places in the urban landscape.

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## Ambience lighting

In the heart of each city are the people that live there or visit it. Getting together, socialising outside, building a community within an inspiring and safe environment are the cornerstones of city centre life. Our ambience complete lighting set solutions, with strong focus on enhancing and well-being functions up to 6 meters, including modern and classical ranges, show people what light can do for squares, parks, playgrounds, shopping and pedestrian areas as well as for residential areas to make them feel proud of their city.

54



## Urban street & road lighting

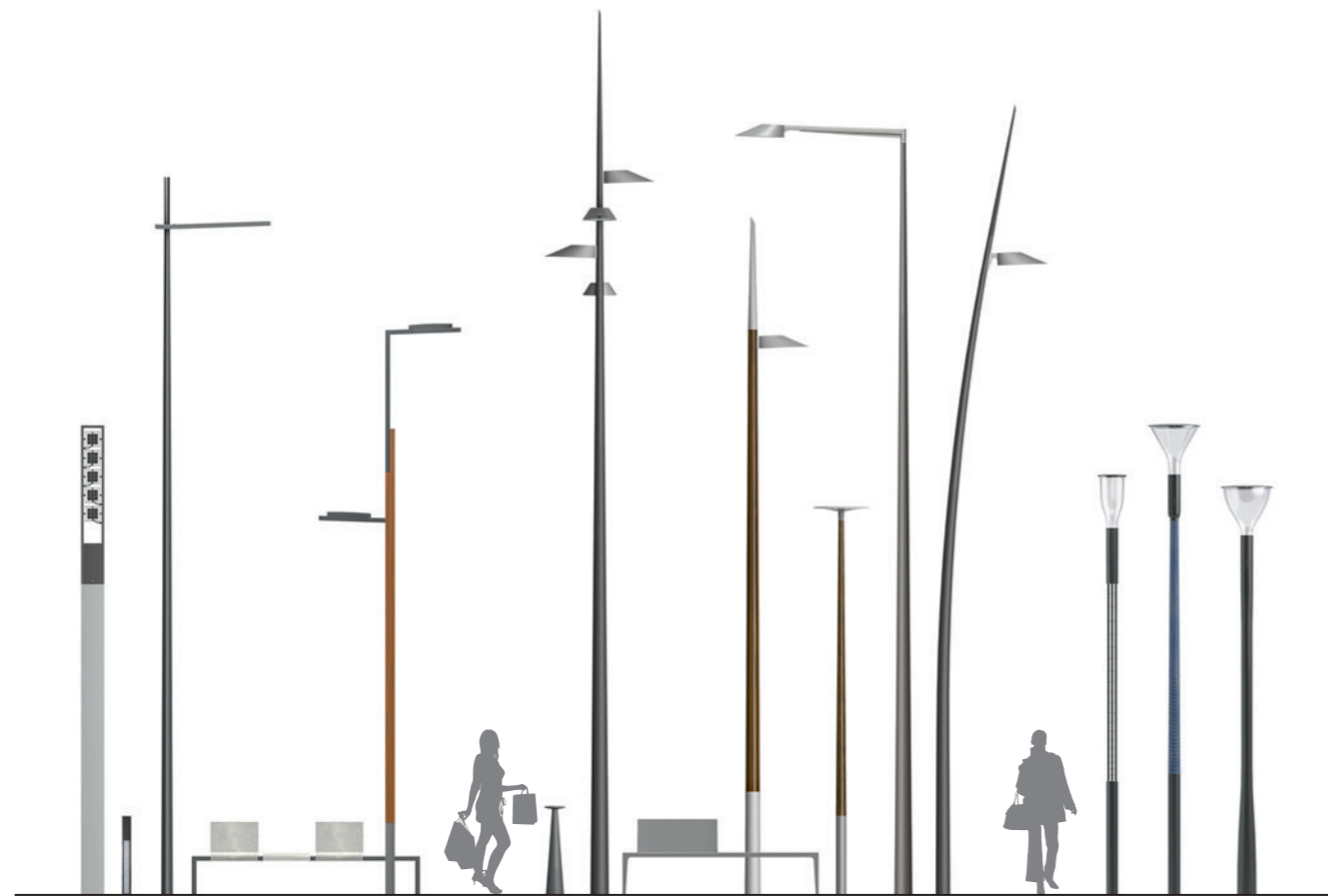
Addressing the environmental, economic, aesthetic and safety concerns of communities is a challenge that we enter every day. That is why we develop a wide range of efficient, comfortable and cost-effective luminaires that perfectly suit in a cityscape and meet all street and road lighting needs in the urban community. We market our lighting solutions differently by offering modular concepts, flexible configurations and the freedom to personalise a lighting solution. Our urban street and road complete lighting set solutions, with strong focus on enhancing and well-being functions in combination with traffic functions from 6 meters up to 12 meters, including modern and classical ranges, show people what light can do for urban main roads, boulevards and avenues, side streets, cycle and footpaths, pedestrian crossings, residential streets, roundabouts and parking areas to make them feel proud of their city.

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# Urban Inspiration

## complete lighting set solutions

Architectural enhancement can only be fully realised when both the luminaires, brackets and poles are designed in one integrated concept. In the chapter of Urban Inspiration you will find a variety of our complete lighting set solutions that bring you inspiration, ideas and creativity to realise your own unique project. Here you can already find an impression of our solutions.



UrbanStyling



Ambience lighting

Urban street & road lighting





**UrbanStyling**

The face of a city changes with planning projects, replacements or recovering programs and new uses of public spaces. Different social practices are emerging and every city or village is looking to be more attractive, welcoming, convenient and safe. That is why we have created the UrbanStyling concept to enhance the city and village image and give them a consistent identity to better serve their citizens. These complementary and modular solutions act as practical "tool box" for urban development

planners, specifiers and decision makers within municipalities. UrbanStyling is designed for a diversity of uses, focused on contemporary creations, materials and structure, light scenarios, innovation and environmental protection. Quality of life in the city, well-being, conviviality, atmosphere... UrbanStyling is a complete revolution in the lighting and planning of communities, that allows you to shape coherency between several places in the urban landscape.

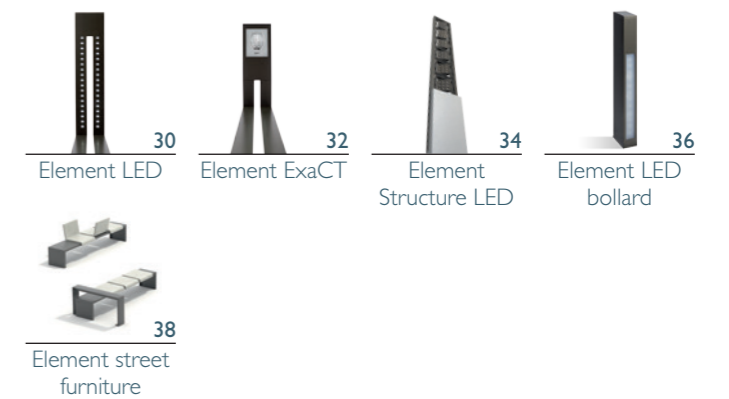
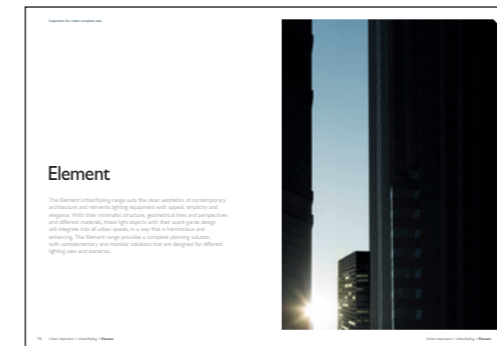


# UrbanStyling

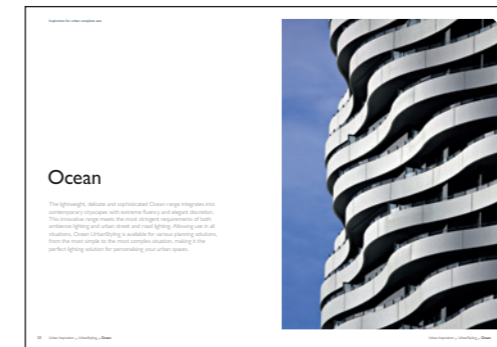
Metronomis LED 16



Element 26



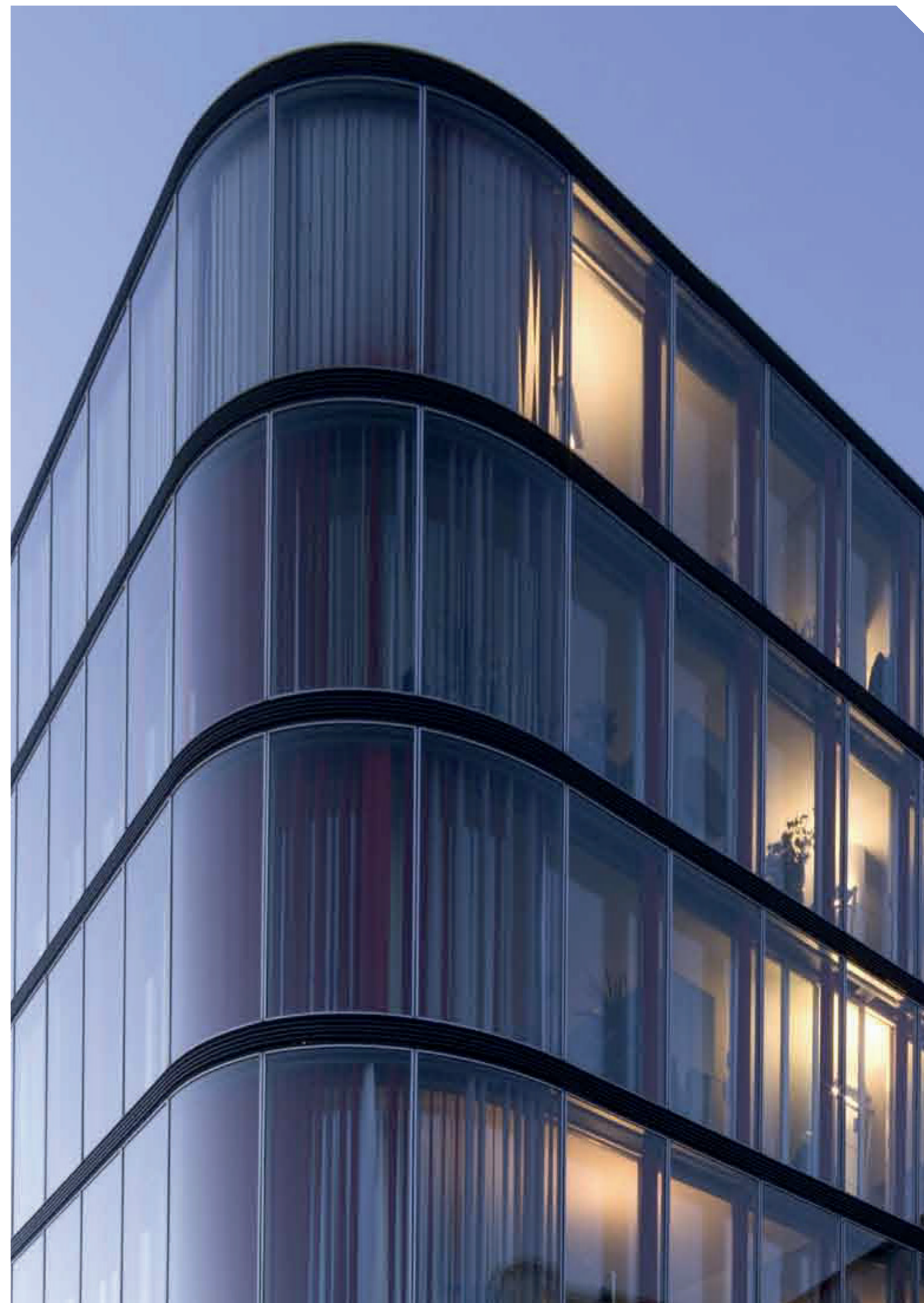
Ocean 40





# Metronomis LED

The efficient and timeless design of Metronomis LED blends ideally into modern architectural environments, uplifting cityscapes with its innate sense of superlative design. Yet its transparent, seamless character is tastefully discrete, enabling the charm and tradition of old-world, heritage architecture to maintain its sense of appeal while providing convincing proof that traditional qualities can successfully blend with state-of-the-art technology. Metronomis LED in this way pays its respect to the common cultural heritage of historic buildings, living witnesses to our long traditions. The diverse character of Metronomis LED luminaires with their variety of bowls, poles and lighting effects means that the luminaires can be adapted in detail to suit any surroundings, providing either a pleasant, discrete contrast to complement the appeal of heritage cityscapes or else enabling lighting installations that blend confidently with modern and contemporary settings.

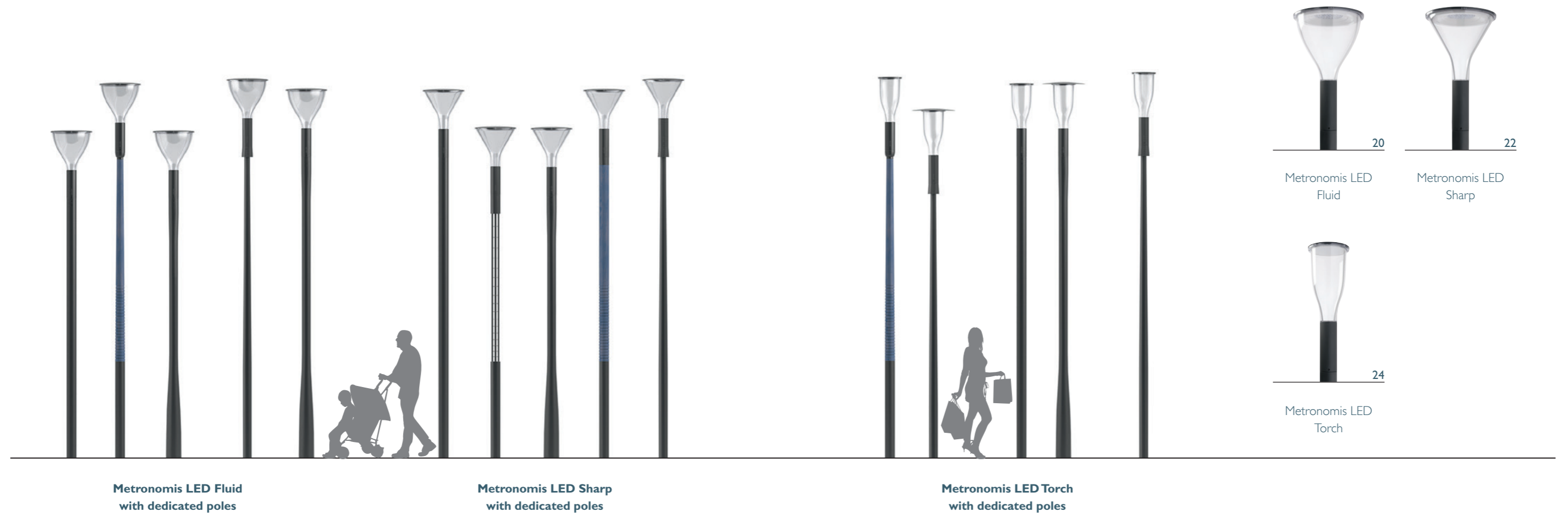




# Metronomis LED

complete lighting point solutions

One of the main characteristics of the Metronomis LED range is the total solution that it offers architects and lighting designers. Architectural enhancement can only be fully realised when both the luminaires and their supports are part of an integrated concept. To this end, Metronomis LED includes a range of dedicated poles which are consistent with the visual style of the luminaires.

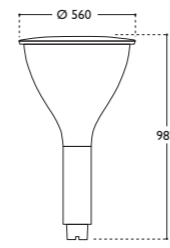


# Metronomis LED Fluid



Metronomis LED Fluid offers a dedicated pole portfolio and is designed for heights of up to 5 m. Its highly efficient design can cover urban ambience pedestrian areas as well as residential areas, parks and squares. Metronomis LED Fluid offers a wide possibility of lighting effects on the ground and in the bowl, which allows you to play with the light by creating different effects and create your own personal touch.

- Play of light and shadow
- Bowl lighting effects on request
- Installation height up to 5 m
- Long lifetime
- Controlled light pollution
- Special lighting effects on ground available



Measurements in mm

See page 219 for technical specifications Metronomis LED Fluid  
See page 280 for technical specifications Metronomis poles

### Complete sets:

1. Metronomis LED Fluid + MetroTube pole
2. Metronomis LED Fluid + MetroCone pole
- 3-4. Metronomis LED Fluid + MetroRiginal pole
5. Metronomis LED Fluid + MetroWood pole
6. Metronomis LED Fluid + MetroLight pole
7. Metronomis LED Fluid + MetroLat pole



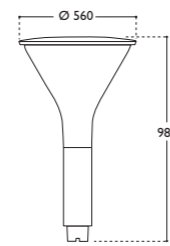


# Metronomis LED Sharp



Metronomis LED Sharp offers a dedicated pole portfolio and is designed for heights of up to 5 m. Its highly efficient design can cover urban ambience pedestrian areas as well as residential areas, parks and squares. Metronomis LED Sharp offers a wide possibility of lighting effects on the ground and in the bowl, which allows you to play with the light by creating different effects and create your own personal touch.

- Play of light and shadow
- Bowl lighting effects on request
- Installation height up to 5 m
- Long lifetime
- Controlled light pollution
- Special lighting effects on ground available



See page 220 for technical specifications Metronomis LED Sharp  
See page 280 for technical specifications Metronomis poles

### Complete sets:

1. Metronomis LED Sharp + MetroLat pole
- 2-3. Metronomis LED Sharp + MetroTube pole
- 4-5. Metronomis LED Sharp + MetroRiginal pole
6. Metronomis LED Sharp + MetroWood pole
7. Metronomis LED Sharp + MetroLight pole
8. Metronomis LED Sharp + MetroCone pole



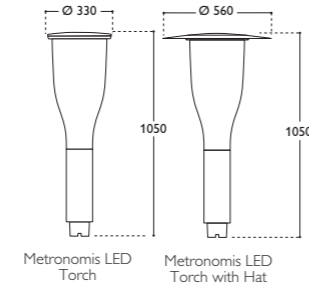


# Metronomis LED Torch



Metronomis LED Torch offers a dedicated pole portfolio and is designed for heights of up to 5 m. Its highly efficient design can cover urban ambience pedestrian areas as well as residential areas, parks and squares. Metronomis LED Torch offers a wide possibility of lighting effects on the ground and in the bowl, which allows you to play with the light by creating different effects and create your own personal touch.

- Play of light and shadow
- Bowl lighting effects on request
- Installation height up to 5 m
- Long lifetime
- Controlled light pollution
- Special lighting effects on ground available



Metronomis LED Torch  
Metronomis LED Torch with Hat

Measurements in mm

See page 221 for technical specifications Metronomis LED Torch  
See page 280 for technical specifications Metronomis poles

### Complete sets:

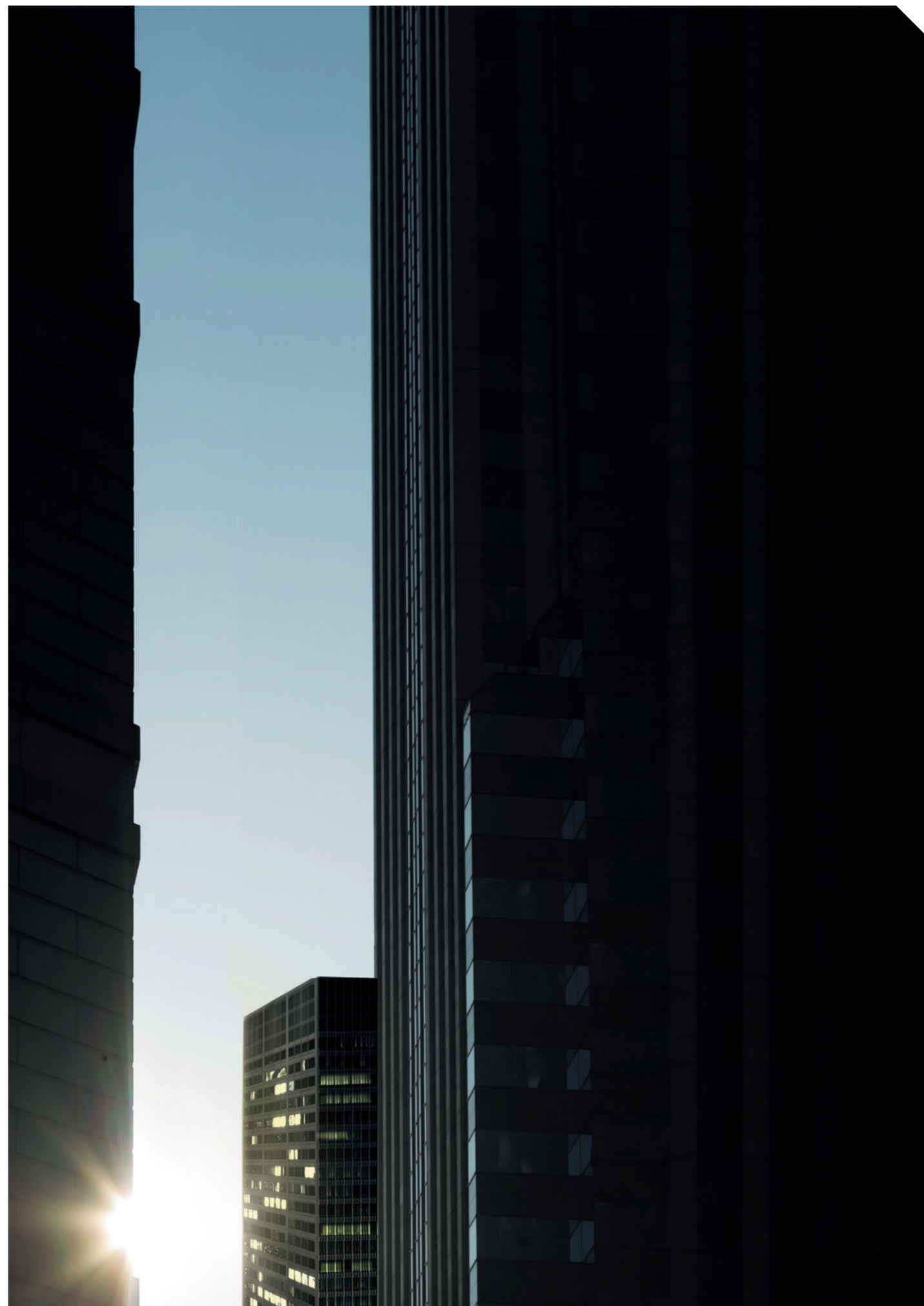
- 1-2. Metronomis LED Torch + MetroCone pole
3. Metronomis LED Torch + MetroTube pole
4. Metronomis LED Torch with Hat + MetroRiginal pole
5. Metronomis LED Torch with Hat + MetroWood pole
6. Metronomis LED Torch + MetroLat pole
7. Metronomis LED Torch with Hat + MetroLight pole





# Element

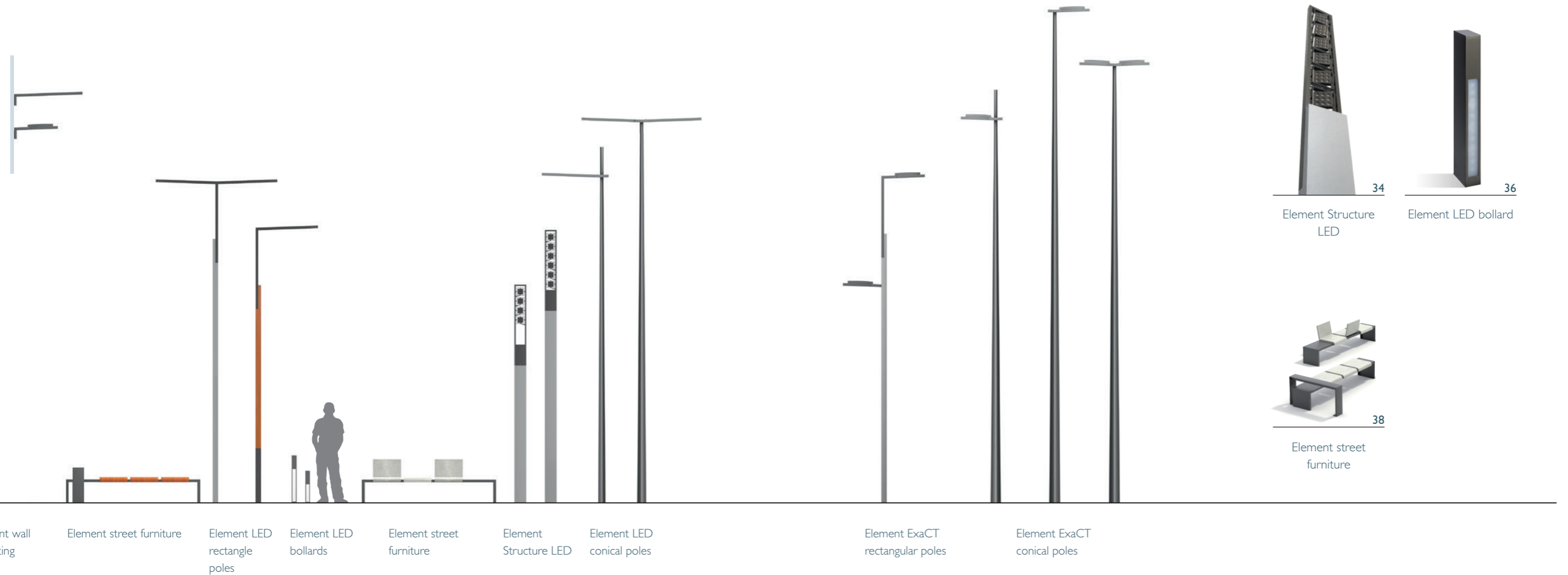
The Element UrbanStyling range suits the clean aesthetics of contemporary architecture and reinvents lighting equipment with appeal, simplicity and elegance. With their minimalist structure, geometrical lines and perspectives and different materials, these light objects with their avant-garde design will integrate into all urban spaces, in a way that is harmonious and enhancing. The Element range provides a complete planning solution, with complementary and modular solutions that are designed for different lighting uses and scenarios.



# Element

## complete lighting point solutions

One of the main characteristics of the Element range is the total solution that it offers municipalities, landscape architects, urban planners and lighting designers. Architectural enhancement can only be fully realised when both the luminaires and their supports are part of an integrated concept. To this end, Element includes a range of dedicated poles and brackets which are consistent with the visual style of the luminaires.



Element wall mounting

Element street furniture

Element LED rectangle poles

Element LED bollards

Element street furniture

Element Structure LED

Element LED conical poles

Element ExaCT rectangular poles

Element ExaCT conical poles

Element LED 30

Element ExaCT 32

Element Structure LED 34

Element LED bollard 36

Element street furniture 38

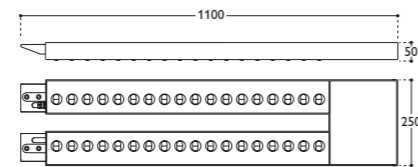


# Element LED



Element LED is a brilliant illustration of the creative possibilities offered. Standing apart by its structured design, which is anticipating from current archetypes. Designed for heights from 4 to 8 m, it is perfect for main and side roads and streets, squares, pedestrian areas and for the surroundings of contemporary architectural constructions. Different dedicated complete sets available (rectangle aluminium or wooden poles, wall mounting and rear bracket versions) to build consistent and exclusive complete sets.

- Energy efficiency and reduction of CO<sub>2</sub> emissions
- Long lifetime
- White light for better guidance
- Optimal colour rendering
- Limited light pollution (ULOR < 0.1)



Measurements in mm

See page 208 for technical specifications Element LED

See page 248 for technical specifications Element AMC / RBC / AM bracket



Rectangle pole

Conical pole

### Complete sets:

1. Element LED + Element aluminium rectangle pole with bracket
2. Element LED + Element wooden rectangle pole with bracket
3. Element LED + AMC single bracket with top point + Accante pole + RBC rear bracket
4. Element LED + AMC double bracket + Accante pole
5. Element LED + AMC single bracket with top point + Accante pole
6. Element LED + AM wall bracket



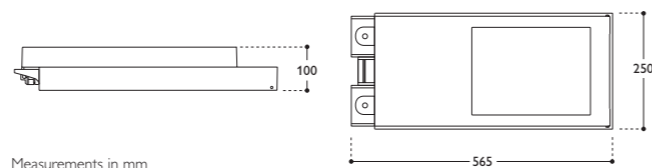


# Element ExaCT



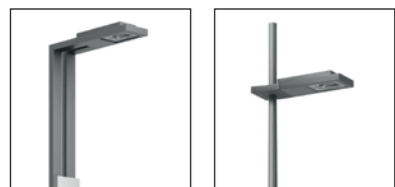
Element ExaCT is a compact luminaire that is exclusively equipped with micro-lamps, with the identifying features of the Element range. Designed for heights from 4 to 9 m, Element ExaCT is designed for lighting main and side roads and streets, squares, pedestrian areas, parking areas and the surroundings of contemporary architectural constructions. Different dedicated complete sets available (rectangle aluminium or wooden poles, wall mounting and rear bracket versions) to build consistent and exclusive complete sets.

- White light for better guidance
- Optimal colour rendering
- Controlled light pollution (ULOR < 1%)
- Optimised pole spacing
- Energy efficiency and reduction of CO<sub>2</sub> emissions



Measurements in mm

See page 207 for technical specifications Element ExaCT  
See page 248 for technical specifications Element AMC / RBC / AM bracket



Rectangle pole

Conical pole

### Complete sets:

1. Element ExaCT + AMC double bracket with top point + Accante pole
2. Element ExaCT + AMC single bracket with top point + RBC rear bracket + Accante pole
3. Element ExaCT + AMC single bracket + Accante pole
4. Element ExaCT + AMC double bracket + Accante pole
5. Element ExaCT + Element wooden rectangle pole with bracket
6. Element ExaCT + Element aluminium rectangle pole with bracket
7. Element ExaCT + AM wall bracket



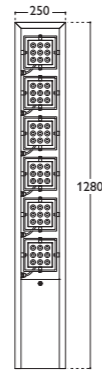


# Element Structure LED



With adjustable LED modules, Element Structure LED allows a number of lighting configurations. Available in different heights and in many module configurations, beam openings, colours and light effects, the range is suitable for lighting paths, pedestrian areas, squares, parks and for illuminating buildings, monuments, structures and landscapes, marking out and highlighting objects.

- Setting the urban scene
- Accentuation & illumination
- Modularity & flexibility
- Creation of ambience lighting
- White LED light for better guidance



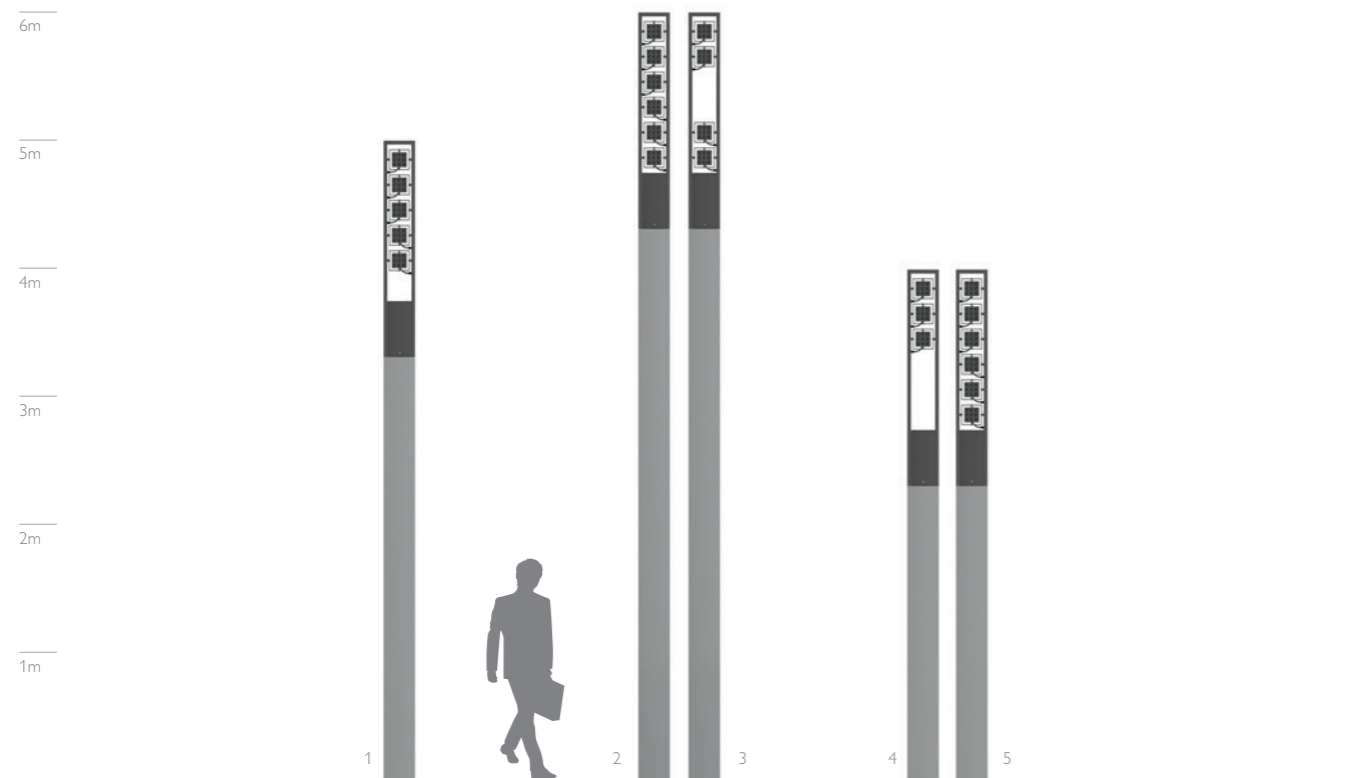
Measurements in mm

See page 211 for technical specifications Element Structure LED



### Complete sets:

1. Element Structure LED V5
- 2-5. Element Structure LED V6
3. Element Structure LED V2S
4. Element Structure LED V3



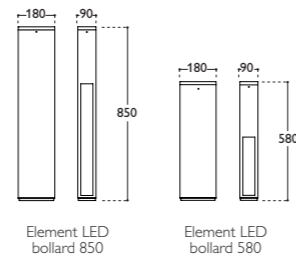


# Element LED bollard



Element LED bollards are part of the Element UrbanStyling range, with several different applications, like lighting pedestrian areas and paths, marking out, creating light effects for squares, parks, or lighting up the surroundings of contemporary buildings.

- Creation of ambiances
- Lighting punctuation
- White light for better guidance
- LED colour temperatures and RGB on request



Measurements in mm

See page 209 for technical specifications Element LED bollard

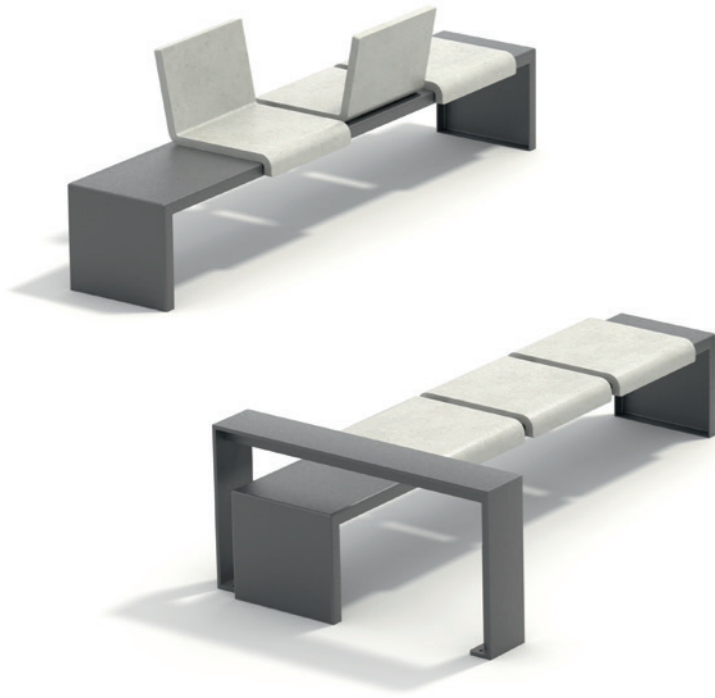
### Complete sets:

- 1-3. Element LED bollards 580
- 2-4. Element LED bollards 850



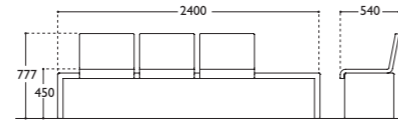


# Element street furniture



In harmony with the distinctive aesthetics of the range, we developed Element street furniture, that particularly includes a bench with a luminous arch, using LED technology that increases the feeling of socialising and safety. The bench plays on the contrast between materials and shapes and provides optimum comfort at the same time.

- Bench with seat with wooden or concrete back
- Luminous arch
- Seat with back in concrete or wood
- Seat without back in concrete or wood



Measurements in mm

See page 210 for technical specifications Element street furniture

## Complete sets:

1. Element bench with 3 concrete seats
2. Element bench with 3 wooden seats + lighting arch

1m





# Ocean

The lightweight, delicate and sophisticated Ocean range integrates into contemporary cityscapes with extreme fluency and elegant discretion. This innovative range meets the most stringent requirements of both ambience lighting and urban street and road lighting. Allowing use in all situations, Ocean UrbanStyling is available for various planning solutions, from the most simple to the most complex situation, making it the perfect lighting solution for personalising your urban spaces.

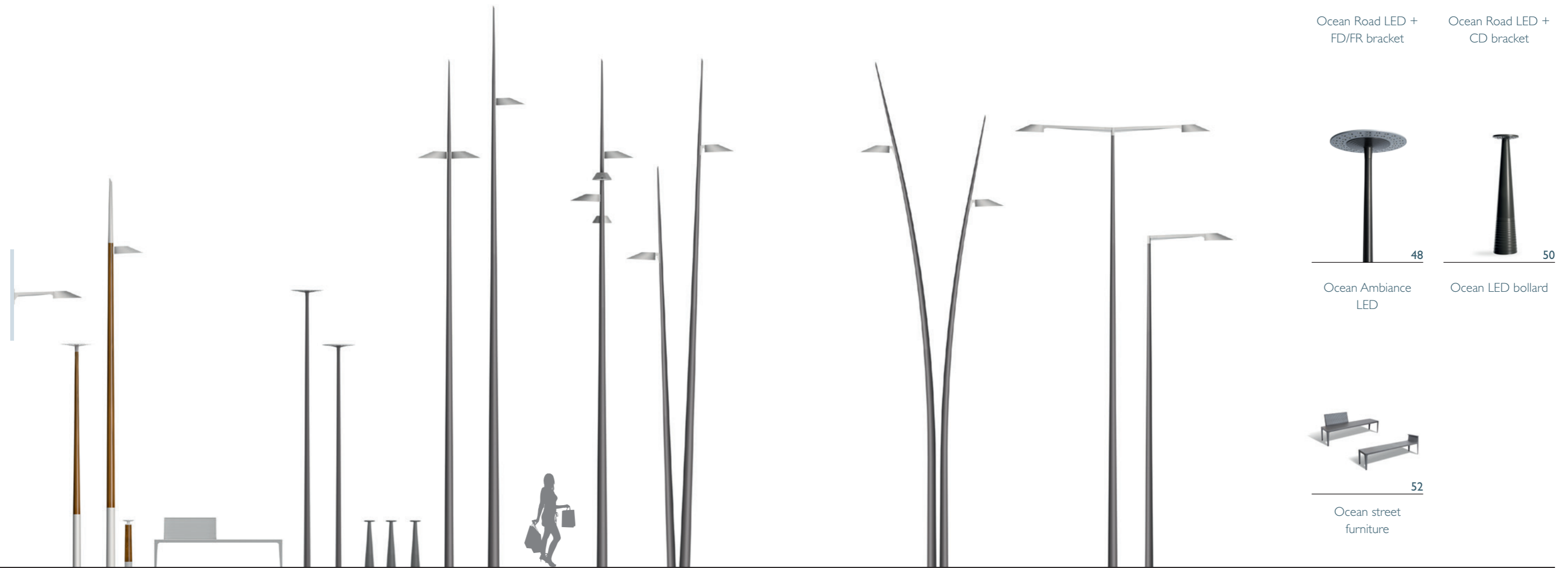




# Ocean

## complete lighting point solutions

One of the main characteristics of the Ocean range is the total solution that it offers to municipalities, landscape architects, urban planners and lighting designers. Architectural enhancement can only be fully realised when both the luminaires and their supports are part of an integrated concept. To this end, Ocean includes a range of dedicated poles and brackets which are consistent with the visual style of the luminaires.



Ocean Road LED CD bracket wall mounting

Ocean wooden poles

Ocean street furniture

Ocean Ambiance LED

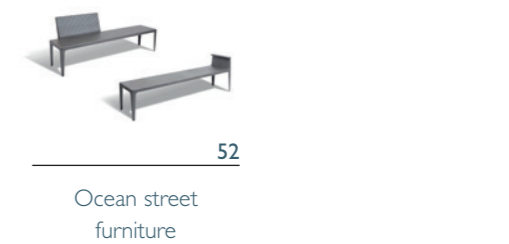
Ocean LED bollards

Ocean Road LED FD bracket straight poles

Ocean Road LED FR bracket inclined poles

Ocean Road LED FR bracket curved poles

Ocean Road LED CD bracket



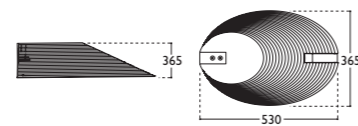


# Ocean Road LED + FD/FR



The graceful and fluid lines of Ocean Road LED will harmonise discretely with all types of urban environment. This modular luminaire can be combined with different dedicated sets, such as straight, curved and inclined poles, brackets and wall mounted luminaires. Designed for heights of 4 to 9 m, Ocean Road LED combines compactness, finesse and efficiency. With different optics, it is suited for several lighting applications, main roads and side streets, pedestrian areas, squares, paths and boulevards and avenues.

- Energy efficiency and reduction of CO<sub>2</sub> emissions
- Optimised pole spacing
- Controlled light pollution
- Tool-less maintenance
- White light with excellent colour rendering



Measurements in mm

See page 231 for technical specifications Ocean Road LED  
See page 290 for technical specifications Ocean Road poles with FD/FR brackets



FD mounting

FR mounting

### Complete sets:

- 1-2-3. Ocean Road LED + Ocean FD bracket + Ocean Road straight steel pole with top point
4. Ocean Road LED + Ocean FD bracket + Ocean Road wooden pole with top point
5. Ocean Road LED + Ocean FR bracket + Ocean Road 2° inclined steel pole with luminous top point
6. Ocean Road LED + Ocean FR bracket + Ocean Road 2° inclined steel pole with top point
- 7-8. Ocean Road LED + Ocean FR bracket + Ocean Road curved steel pole with top point



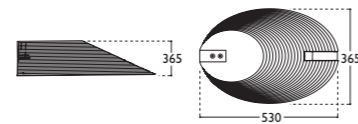


# Ocean Road LED + CD

The graceful and fluid lines of Ocean Road LED will harmonise discretely with all types of urban environment. This modular luminaire can be combined with different dedicated sets, such as straight, curved and inclined poles, brackets and wall mounted luminaires. Designed for heights of 4 to 9 m, Ocean Road LED combines compactness, finesse and efficiency. With different optics, it is suited for several lighting applications, for main roads and side streets, pedestrian areas, squares, paths and boulevards and avenues.



- Energy efficiency and reduction of CO<sub>2</sub> emissions
- Optimised pole spacing
- Controlled light pollution
- Tool-less maintenance
- White light with excellent colour rendering

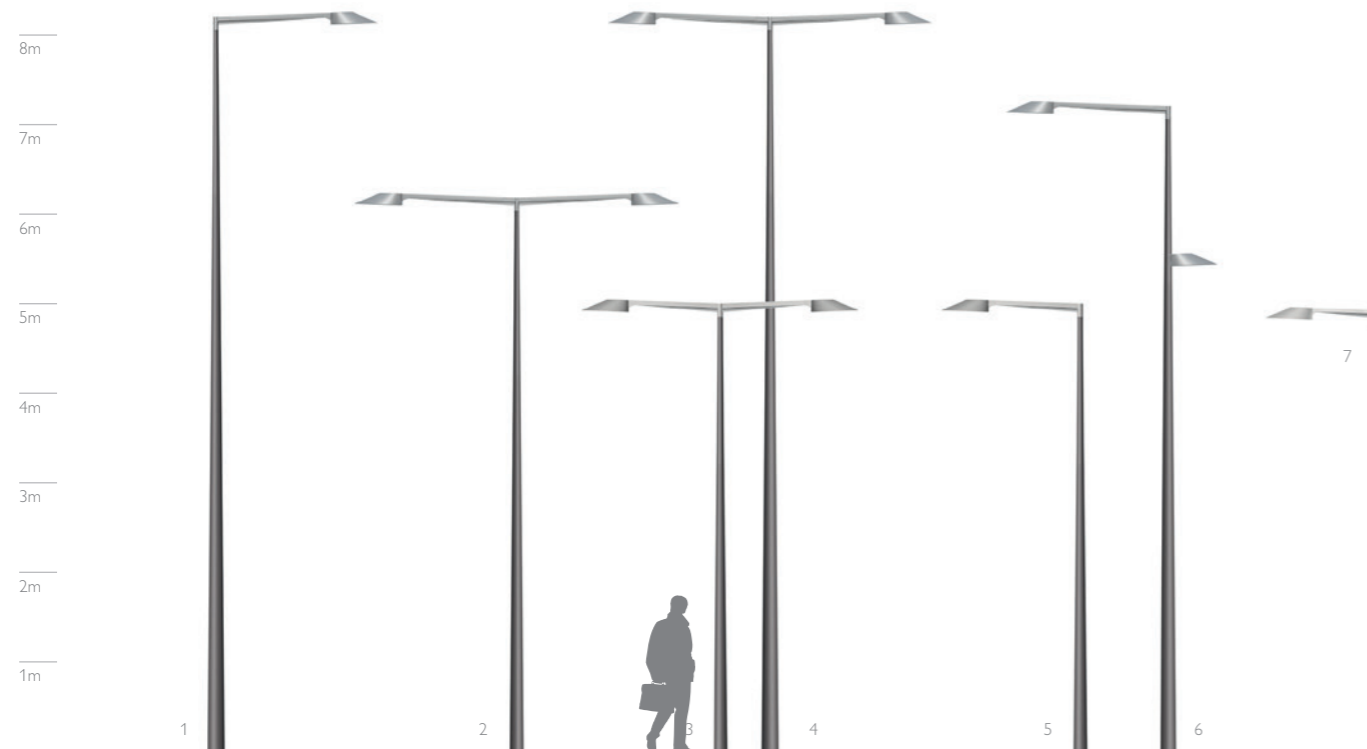


Measurements in mm

See page 231 for technical specifications Ocean Road LED  
See page 252 for technical specifications Ocean CD bracket

### Complete sets:

- 1-2-4. Ocean Road LED + Ocean CD S1500 bracket + Accante pole
- 3-5. Ocean Road LED + Ocean CD S1300 bracket + Accante pole
- 6. Ocean Road LED + Ocean CD S1500 bracket + Accante pole + Ocean FD rear bracket
- 7. Ocean Road LED + Ocean CD wall bracket



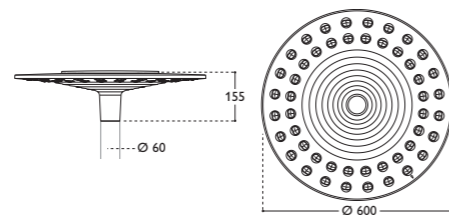


# Ocean Ambiance LED



Using LED technology, Ocean Ambiance LED sets new standards and is in perfect continuity of shape with its support. This ambience lighting luminaire is designed for heights from 4 to 6 m and is ideal for lighting residential areas, squares, parks, playgrounds, pedestrian areas, boulevards and avenues. Ocean Ambiance LED luminaires are designed for post-top Ocean steel or wooden poles, and combine high-quality construction in an integrated concept to compose installations with an exclusive character.

- Energy efficiency and reduction of CO<sub>2</sub> emissions
- Long lifetime
- Controlled light pollution
- White light and optimal colour rendering



Measurements in mm

See page 230 for technical specifications Ocean Ambiance LED  
See page 288 for technical specifications Ocean Ambiance poles

### Complete sets:

- 1-2. Ocean Ambiance LED + Ocean Ambiance aluminium pole
3. Ocean Ambiance LED + Ocean Ambiance wooden pole



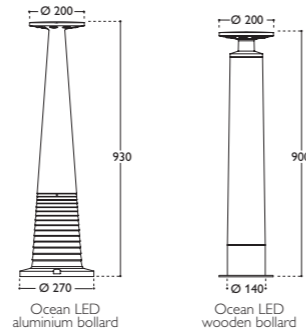


# Ocean LED bollard



The Ocean LED bollards form an integral part of the Ocean range, elegantly lighting for marking pedestrian areas and paths or creating light effects for squares, parks and playgrounds.

- Creation of ambiances
- Marking & lighting
- White light for better guidance
- LED white colour temperatures or RGB on request

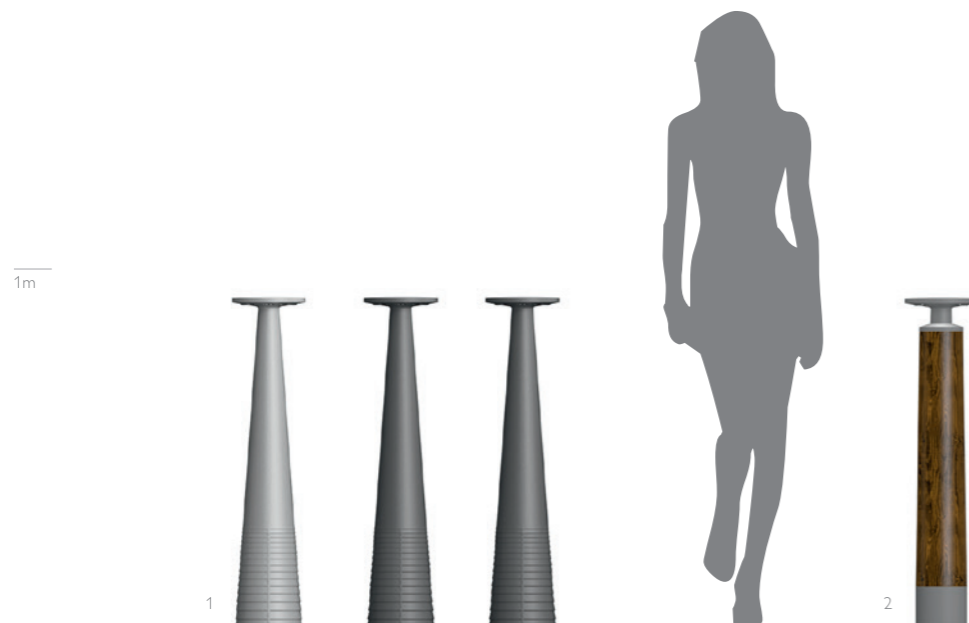


Measurements in mm

See page 232 for technical specifications Ocean LED bollard

### Complete sets:

1. Ocean LED bollard aluminium version
2. Ocean LED bollard wooden version



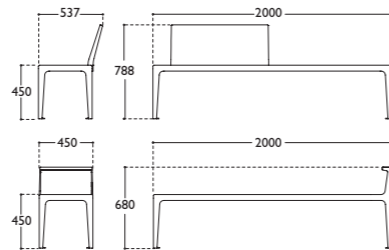


# Ocean street furniture



Ocean street furniture is developed for full integration into the identity of the complete Ocean range. The range invites to supplement your city planning solution using three elements with clean lines, capable of integrating LED technology lighting.

- Bench with back
- Bench with armrest



Measurements in mm

See page 233 for technical specifications Ocean street furniture

### Complete sets:

1. Ocean bench with back rest
2. Ocean bench with LED lighting arm rest

1m







**Ambience lighting**

In the heart of each city are the people that live there or visit it. Getting together, socialising outside, building a community within an inspiring and safe environment are the cornerstones of city centre life. Our ambience complete lighting set

solutions, with strong focus on enhancing and well-being functions up to 6 meters, including modern and classical ranges, show people what light can do for squares, parks, playgrounds, shopping and pedestrian areas as well as for residential areas to make them feel proud of their city.



# Ambience lighting

CitySpirit LED



56

Thema LED



68

Metronomis



72

ParkView LED



86

UrbanScene



90

UrbanStar



96

Micenas LED



100

Jargeau LED



104





# CitySpirit LED

CitySpirit LED is a range of urban inspiration ambience luminaires designed to provide excellent, environmentally friendly lighting without compromising on architectural appearance. The distinctive designs are clearly linked yet allow modularity. To ensure perfect integration in the urban streetscape, the luminaire with dedicated poles and brackets of CitySpirit LED have been developed as one design. The range provides elegant and above all complete project solutions. Furthermore, transparent materials have been used to lighten the daytime appearance.

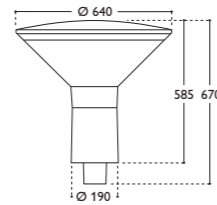




# CitySpirit LED Cone



- Installation height 3.5 to 6 m
- Long lifetime
- Complete solution with poles and brackets
- Suitable for all urban ambience lighting applications
- Substantial energy savings compared with conventional systems
- Serviceable & upgradeable



Measurements in mm

See page 202 for technical specifications CitySpirit LED Cone  
See page 255 for technical specifications standard brackets  
See page 273 for technical specifications CitySpirit poles

## Complete sets:

1. CitySpirit LED Cone + CitySpirit inverted steel pole with single bracket
2. CitySpirit LED Cone + Aloa/Accante pole
- 3-7. CitySpirit LED Cone + CitySpirit inverted wooden pole
4. CitySpirit LED Cone + CitySpirit inverted steel pole with double bracket
5. CitySpirit LED Cone + Altua pole
6. CitySpirit LED Cone + CitySpirit inverted steel pole

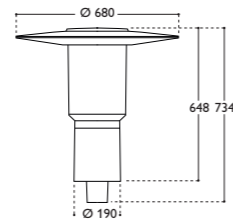




# CitySpirit LED Modern



- Installation height 3.5 to 6 m
- Long lifetime
- Complete solution with poles and brackets
- Suitable for all urban ambience lighting applications
- Substantial energy savings compared with conventional systems
- Serviceable & upgradeable



Measurements in mm

See page 203 for technical specifications CitySpirit LED Modern

See page 255 for technical specifications standard brackets

See page 273 for technical specifications CitySpirit poles

## Complete sets:

1-4. CitySpirit LED Modern + CitySpirit inversed wooden pole

2. CitySpirit LED Modern + CitySpirit inversed steel pole

3. CitySpirit LED Modern + CitySpirit inversed steel pole with double bracket

5. CitySpirit LED Modern + Altua pole

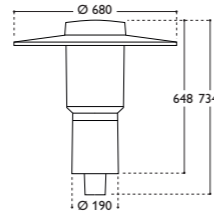




# CitySpirit LED Classic



- Installation height 3.5 to 6 m
- Long lifetime
- Complete solution with poles and brackets
- Suitable for all urban ambience lighting applications
- Substantial energy savings compared with conventional systems
- Serviceable & upgradeable



Measurements in mm

See page 201 for technical specifications CitySpirit LED Classic

See page 255 for technical specifications standard brackets

See page 273 for technical specifications CitySpirit poles

## Complete sets:

1. CitySpirit LED Classic + Aloa/Accante pole 2. CitySpirit LED Classic + CitySpirit inversed steel pole 3-4. CitySpirit LED Classic + CitySpirit inversed wooden pole

5. CitySpirit LED Classic + CitySpirit inversed steel pole with double bracket 6. CitySpirit LED Classic + Altua pole 7. CitySpirit LED Classic + CitySpirit inversed steel pole with single bracket

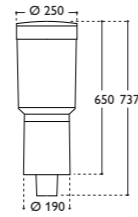




# CitySpirit LED Torch



- Installation height 3.5 to 6 m
- Long lifetime
- Complete solution with poles and brackets
- Suitable for all urban ambience lighting applications
- Substantial energy savings compared with conventional systems
- Serviceable & upgradeable



Measurements in mm

See page 205 for technical specifications CitySpirit LED Torch  
See page 255 for technical specifications standard brackets  
See page 273 for technical specifications CitySpirit poles

## Complete sets:

1. CitySpirit LED Torch + Acteo pole
- 2-3. CitySpirit LED Torch + CitySpirit inverted wooden pole
4. CitySpirit LED Torch + CitySpirit inverted steel pole
5. CitySpirit LED Torch + Actua pole

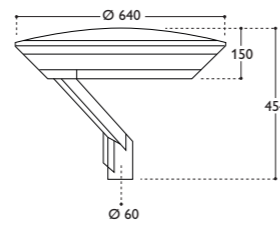




# CitySpirit LED Street



- Installation height 4 to 6 m
- Long lifetime
- Complete solution with poles and brackets
- Suitable for all urban street and road lighting applications
- Substantial energy savings compared with conventional systems
- Serviceable & upgradeable



Measurements in mm

See page 204 for technical specifications CitySpirit LED Street  
See page 255 for technical specifications standard brackets  
See page 273 for technical specifications CitySpirit poles

### Complete sets:

- 1-2-6-7. CitySpirit LED Street + CitySpirit tilted pole
- 3-4-5. CitySpirit LED Street + Aloa/Accante pole





# Thema LED

The Thema LED range is pre-eminently an urban ambience luminaire available in two versions: Thema T1 LED and Thema T2 LED. Noticeably present by day and by night, reinforcing the character of a public space and giving it a touch of timelessness. Designed for installation heights up to 6 meters it can light streets and roads, paths, squares and pedestrian areas with warm and comfortable light. Striking the right balance between the light volume and material, the modular design of Thema T1 LED allows it to suit most developed environments and also to the constraints and ambitions of each project. Thema T2 LED is a compact round luminaire, which allows a number of installation possibilities: on a bracket for one or two luminaires, on a forked bracket or in a pendant version.

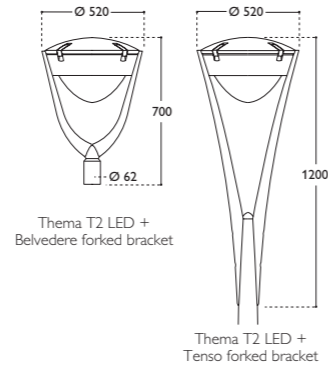




# Thema T2 LED



- Installation height 4 to 6 m
- Modularity
- Controlled light pollution
- Dedicated brackets: Tenso & Belvedere forked brackets
- Energy efficiency and reduction of CO<sub>2</sub> emissions

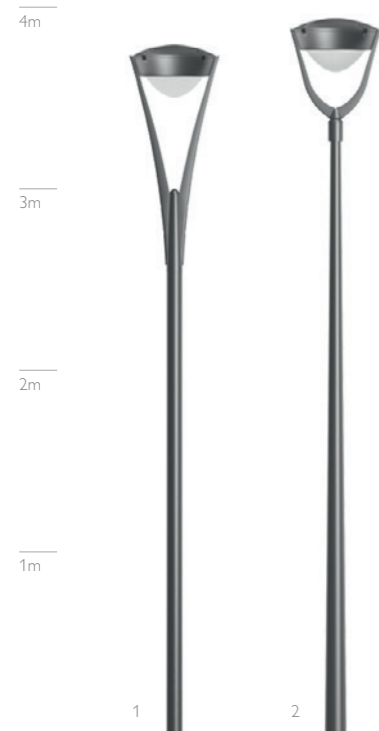


Measurements in mm

See page 240 for technical specifications Thema T2 LED  
See page 255 for technical specifications standard brackets

## Complete sets:

1. Thema T2 LED + Tenso forked bracket + Tenso pole
2. Thema T2 LED + Belvedere forked bracket + Aloa/Accante pole





# Metronomis

The efficient and timeless design of Metronomis blends ideally into modern architectural environments, uplifting cityscapes with its innate sense of superlative design. Yet its transparent, seamless character is tastefully discrete, enabling the charm and tradition of old-world, heritage architecture to maintain its sense of appeal while providing convincing proof that traditional qualities can successfully blend with state-of-the-art technology. Metronomis in this way pays its respect to the common cultural heritage of historic buildings, living witnesses to our long traditions. The diverse character of Metronomis post-top and suspended luminaires with their variety of bowls, poles and brackets means that the luminaires can be adapted in detail to suit any surroundings, providing either a pleasant, discrete contrast to complement the appeal of heritage cityscapes or else enabling lighting installations that blend confidently with modern and contemporary settings.

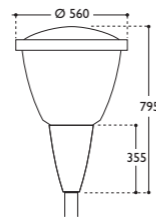




# Metronomis Anncy



- Dedicated poles match the style of the luminaires
- Installation height 3.5 to 8 m
- Different bowl versions available; clear bowl and opal bowl
- Variation in lighting effects, accents and atmospheres can be created by the use of different light sources and optical elements
- Ideally suited to modern urban areas



Measurements in mm

See page 222 for technical specifications Metronomis Anncy  
See page 280 for technical specifications Metronomis poles

5m

4m

3m

2m

1m

### Complete sets:

- 1-2-3. Metronomis Anncy + MetroSpun pole
- 4-5-6. Metronomis Anncy + MetroConical pole

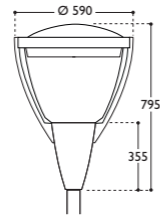




# Metronomis Berlin



- Dedicated poles and brackets match the style of the luminaires
- Installation height 3.5 to 8 m
- Different bowl versions available; clear bowl and opal bowl
- Different light sources and optics available
- Combines traditional gas street lamps outline with contemporary styling
- Designed primarily for urban areas that embrace history without copying the past



Measurements in mm

See page 223 for technical specifications Metronomis Berlin  
See page 250 for technical specifications Metronomis brackets  
See page 280 for technical specifications Metronomis poles



### Complete sets:

- 1-3. Metronomis Berlin + Metronomis short curved brackets + MetroSpun pole
- 2-4. Metronomis Berlin + MetroSpun pole
- 5-6-7. Metronomis Berlin + MetroConical pole

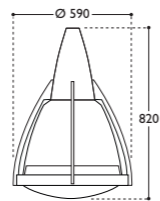




# Metronomis Bordeaux



- Dedicated poles and brackets match the style of the luminaires
- Installation height 3.5 to 8 m
- Different versions available; clear bowl and clear bowl with rotational symmetrical reflector
- Different light sources and optics available
- Offers tremendous flexibility, because a variety of lighting applications are possible within a single design concept

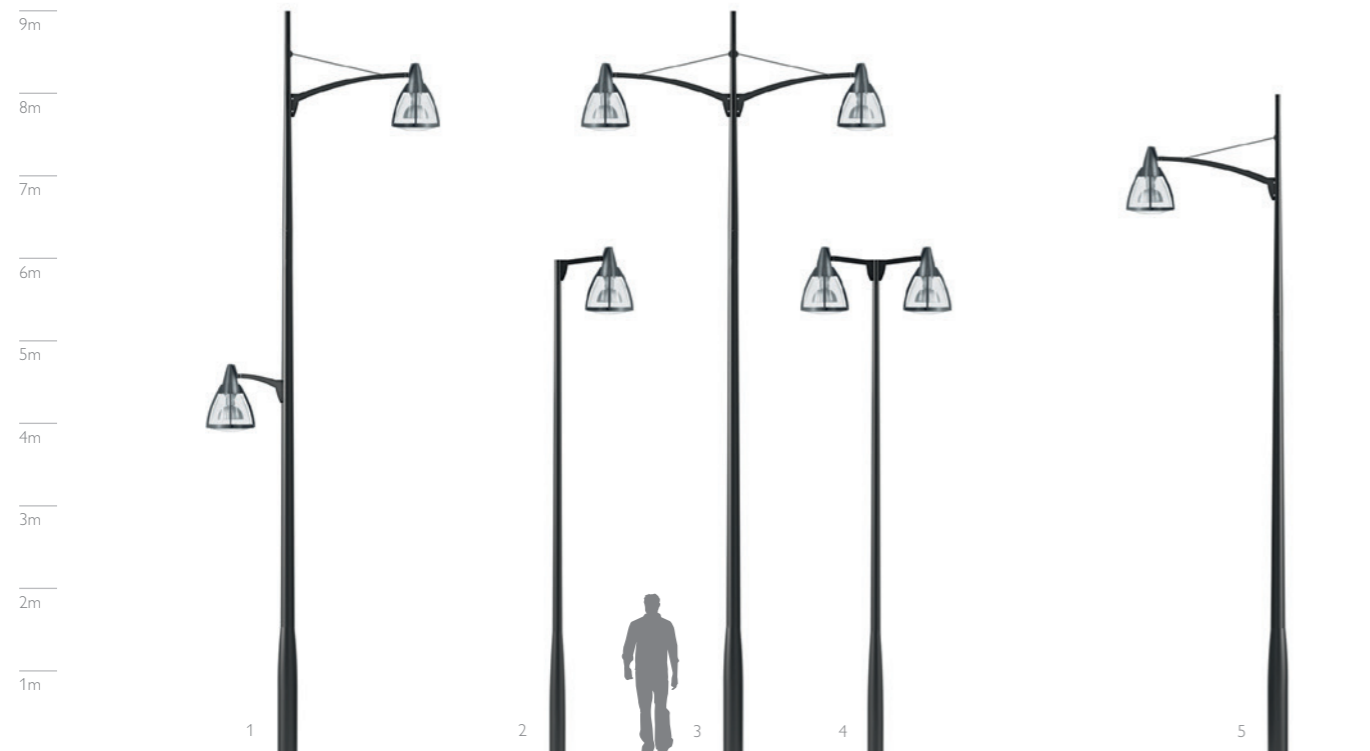


Measurements in mm

See page 224 for technical specifications Metronomis Bordeaux  
See page 250 for technical specifications Metronomis brackets  
See page 280 for technical specifications Metronomis poles

### Complete sets:

1. Metronomis Bordeaux + Metronomis long curved bracket + MetroSpun pole + Metronomis short curved rear bracket
- 2-4. Metronomis Bordeaux + Metronomis short straight bracket + MetroSpun pole
- 3-5. Metronomis Bordeaux + Metronomis long curved bracket + MetroSpun pole

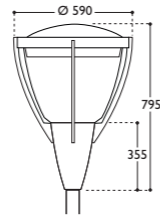




# Metronomis Cambridge



- Dedicated poles match the style of the luminaires
- Installation height 3.5 to 8 m
- Different bowl versions available; clear bowl and opal bowl
- Different light sources and optics available
- Contemporary version of the classic street lamps
- Special attention has been devoted to the lighting effects required to enhance the ambience of historical areas



Measurements in mm

See page 225 for technical specifications Metronomis Cambridge  
See page 280 for technical specifications Metronomis poles

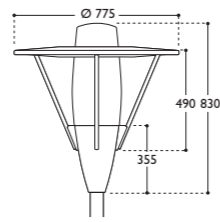




# Metronomis Malmö



- Dedicated poles match the style of the luminaires
- Installation height 3.5 to 8 m
- Different bowl versions available; clear bowl and prismatic refractor
- Different light sources and optics available
- Combines direct lighting with gently reflected light effect through the use of a reflective disc
- With its transparent design it creates the impression of a virtual ceiling in public spaces



Measurements in mm

See page 226 for technical specifications Metronomis Malmö  
See page 280 for technical specifications Metronomis poles

5m

4m

3m

2m

1m

### Complete sets:

1-2-3. Metronomis Malmö + MetroSpun pole  
4-5-6. Metronomis Malmö + MetroConical pole

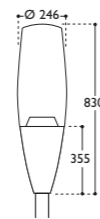




# Metronomis Torino



- Dedicated poles and brackets match the style of the luminaires
- Installation height 3.5 to 8 m
- Different bowl versions available; louver, opal bowl, clear bowl and prismatic refractor
- The simple, elegant outline integrates harmoniously with most modern urban environments
- A basic light element that enhances the rhythm and direction of public spaces



Measurements in mm

See page 227 for technical specifications Metronomis Torino  
See page 250 for technical specifications Metronomis brackets  
See page 280 for technical specifications Metronomis poles

5m

4m

3m

2m

1m

### Complete sets:

1-3. Metronomis Torino + Metronomis short straight bracket + MetroSpun pole  
2. Metronomis Torino + MetroSpun pole 4-5 Metronomis Torino + MetroSpun pole





# ParkView LED

ParkView LED is an elegant urban ambience luminaire designed for mainly pedestrian and residential areas. Its construction of clear polycarbonate and white louvres gives the luminaire a sense of lightness and minimalism. Its cone-shaped housing marked in quarters with vertical cuts, cone-shaped louvre and base create a smooth integration with the pole. ParkView LED is a rotation-symmetrical luminaire, with the LED light source hidden behind louvres. This ensures that the light is directed to the ground with very limited light pollution or glare. ParkView LED is developed in co-development with designer Tegnestuen Bjarne Frost.

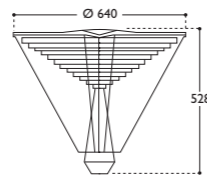




# ParkView LED



- Installation height 3.5 to 6 m
- A unique typical design for parks and urban landscapes
- Energy efficient LED solution
- Symmetrical light distribution



Measurements in mm

See page 234 for technical specifications ParkView LED  
See page 270 for technical specifications dedicated poles

#### Complete sets:

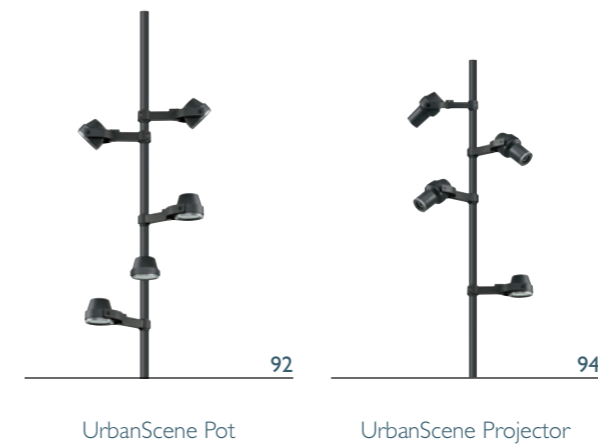
1. ParkView LED + Filigree pole
2. ParkView LED + Arrow pole
- 3-4. ParkView LED + Faubourg pole
- 5-6. ParkView LED + Aloa/ Accante pole





# UrbanScene

UrbanScene is a range of complete urban ambience lighting solutions, plus dedicated poles and brackets. Their flexibility, coherent design and outstanding optical performance allow them to fulfill all main applications – street lighting, area lighting, illumination and image projection. UrbanScene's energy-saving features enable local authorities to adopt a sustainable approach to urban inspirational lighting. Designed to be unobtrusive, night-preserving and fully recyclable, UrbanScene has an elegant daytime appearance. Smart brackets allow total flexibility in aiming, while preserving the overall appearance of the total light point. The UrbanScene range consists of an LED luminaire and small and medium-sized architectural floodlights.

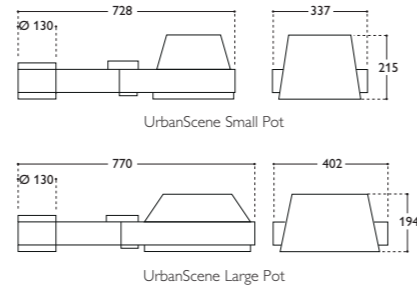




# UrbanScene



- Accentuation & Illumination
- Modularity & flexibility
- Creation of ambience lighting
- Installation height 3.5 to 12 m depending on the size
- Complete system solution including floodlights, poles and brackets for general illumination and street lighting
- Energy savings thanks to high-efficiency lamps and electronic gear
- Night-preserving with little or no light spill through well controlled light distribution
- Dedicated poles and smart brackets for flexibility



Measurements in mm

See page 241 for technical specifications UrbanScene Pot  
See page 296 for technical specifications UrbanScene pole

### Complete sets:

- 1-2. UrbanScene Large Pot + UrbanScene stepped pole
- 3-4-5-6. UrbanScene Small Pot + UrbanScene stepped pole

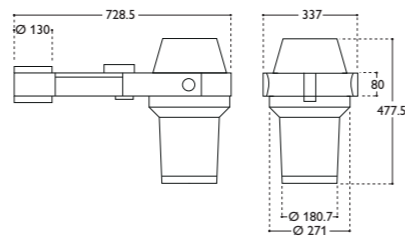




# UrbanScene Projector



- Accentuation & Illumination
- Modularity & flexibility
- Creation of ambience lighting
- Gobo projector installation height 4 to 12 m
- Dedicated poles and smart brackets for flexibility
- Night-preserving with little or no light spill through well controlled light distribution



Measurements in mm

See page 242 for technical specifications UrbanScene Projector  
See page 296 for technical specifications UrbanScene pole

### Complete sets:

- 1-2-3-4-5. UrbanScene Projector + UrbanScene stepped pole
- 6. UrbanScene Projector + UrbanScene wall bracket





# UrbanStar

In residential areas, the familiar conical luminaires equipped with PL-L or HPL lamps can now be replaced by a charming design luminaire incorporating leading-edge LED technology – without losing any of the visual balance and ambience provided by the former solution. UrbanStar is a highly efficient LED luminaire, which enables a significant reduction in energy consumption compared to conventional solutions. It has been specially designed for residential areas in co-development with the Dutch city of Almere, and its translucent cone delivers very comfortable light.

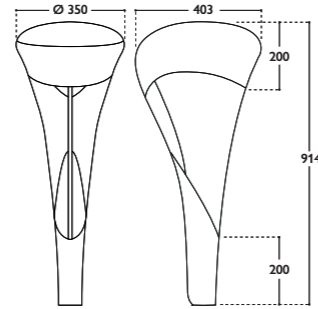




# UrbanStar



- Installation height 3.5 to 6 m
- Energy efficiency and reduction of CO<sub>2</sub> emissions
- Long lifetime
- Comfortable light creates atmosphere
- Frosted bowl
- Dedicated luminaire and pole combinations combining innovative design and LED performance



Measurements in mm

See page 243 for technical specifications UrbanStar

### Complete sets:

- 1-2. UrbanStar + Woody Urban pole
- 3. UrbanStar + Accante pole
- 4. UrbanStar + UrbanStar bi-colour pole
- 5-6. UrbanStar + Vida pole





# Micenas LED

Micenas LED translates in a unique modern way the traditional four-sided street luminaire. Combining contemporary aesthetics and classical inspiration, Micenas LED fits elegantly in both city centres and areas where varied urban identities exist. Recommended for installation heights of 4-6 meters, this luminaire provides comfortable ambience lighting of urban streets, pedestrian and shopping areas, historic centres, residential areas, newly developed areas, squares and parks.

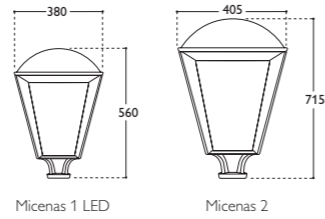




# Micenas LED



- Installation height 4 to 6 m
- Available for pole or bracket mounting
- Available for suspended mounting
- Energy efficiency and reduction of CO<sub>2</sub> emissions
- Controlled light pollution
- Two versions available, only Micenas 1 in LED version



Micenas 1 LED

Micenas 2

Measurements in mm

See page 228 for technical specifications Micenas LED

See page 254 for technical specifications standard brackets

## Complete set





# Jargeau LED

Jargeau LED combines the symbolic features of the first four-sided street lamps of the 19<sup>th</sup> century with the technical performance of 21<sup>st</sup> century luminaires. With a completely updated design, it allows to meet the highest requirements in terms of performance. Made of cast aluminium, for heights of 4-6 meters, this luminaire is well accepted in our urban landscapes and ideal for lighting city centres, historic areas, old villages, residential environments, streets, squares and parks.

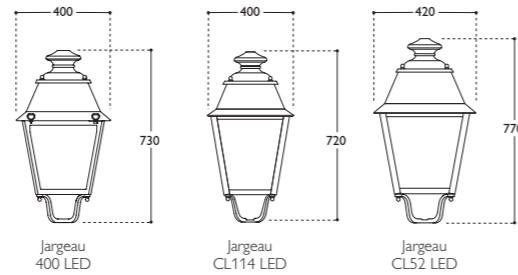




# Jargeau LED



- Installation height 4 to 6 m
- Available in post top or suspended mounting
- Can be combined with different poles, brackets, wall mounting brackets and multiple-arm brackets
- Energy efficiency and reduction of CO<sub>2</sub> emissions
- Available in a polycarbonate four-sided bowl or in flat glass



Measurements in mm

See page 215 for technical specifications Jargeau LED

See page 254 for technical specifications standard brackets

## Complete set







**Urban street & road lighting**

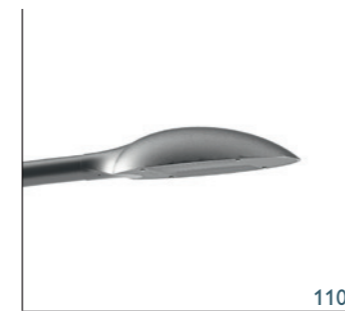
Addressing the environmental, economic, aesthetic and safety concerns of communities is a challenge that we enter every day. That is why we develop a wide range of efficient, comfortable and cost-effective luminaires that perfectly suit in a cityscape and meet all street and road lighting needs in the urban community. We market our lighting solutions differently by offering modular concepts, flexible configurations and the freedom to personalise a lighting

solution. Our urban street and road complete lighting set solutions, with strong focus on enhancing and well-being functions in combination with traffic functions from 6 meters up to 12 meters, including modern and classical ranges, show people what light can do for urban main roads, boulevards and avenues, side streets, cycle and footpaths, pedestrian crossings, residential streets, roundabouts and parking areas to make them feel proud of their city.



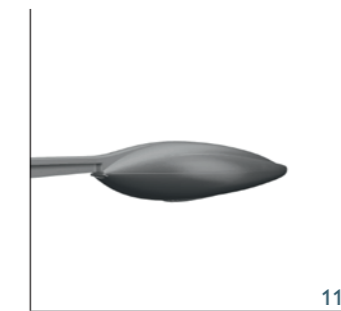
# Urban street & road lighting

MileWide<sup>2</sup> LED



110

Alliance LED



118

CitySoul LED



128

Harmony LED



138

Élysée LED



144





# MileWide<sup>2</sup> LED

Many municipalities are embracing the benefits of contemporary outdoor lighting – increasing comfort, safety and security, making districts more attractive, and enhancing the public's sense of well-being. Not to mention its positive impact on environmental protection and city branding. Retaining MileWide's pure design, Knud Holscher has designed a successor featuring an LED module and slim form factor. The luminaire's design, including dedicated poles and brackets, integrates perfectly with today's cityscape. Blending clean, simple design and high performance, MileWide<sup>2</sup> LED is suitable for a host of urban inspirational applications.

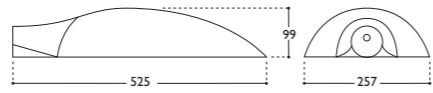




# MileWide<sup>2</sup> LED + Curve



- Standard extruded steel bracket on a steel pole
- Set with one luminaire and single bracket in several pole heights



Measurements in mm

See page 229 for technical specifications MileWide<sup>2</sup> LED

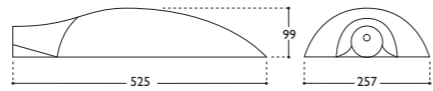
Complete sets:  
1-2-3-4-5-6-7. MileWide<sup>2</sup> LED + Curve pole with bracket





# MileWide<sup>2</sup> LED + Boulevard

- Standard cast aluminium bracket on a natural or coloured anodised aluminium pole
- Sets with one or two luminaires, single or double bracket in several pole heights

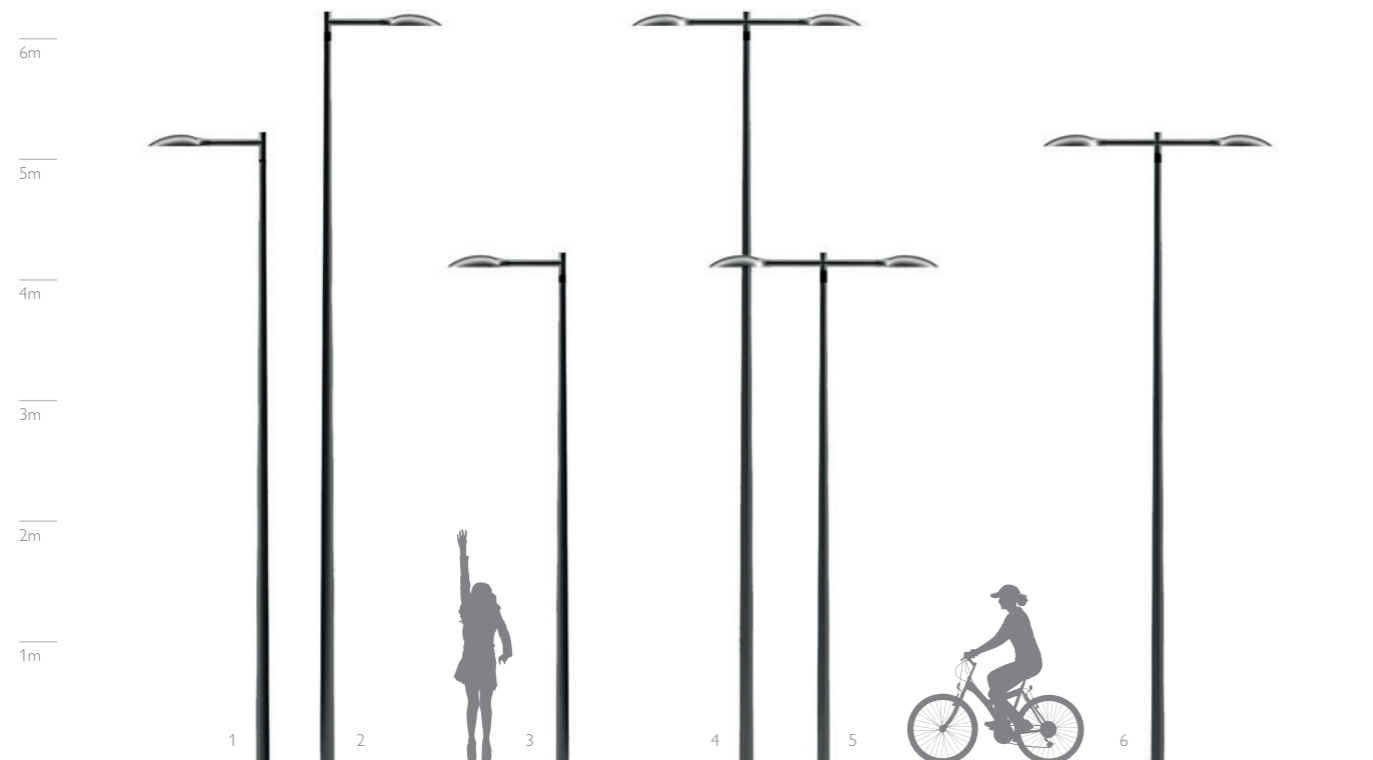


Measurements in mm

See page 229 for technical specifications MileWide<sup>2</sup> LED

#### Complete sets:

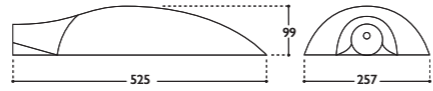
- 1-2-3. MileWide<sup>2</sup> LED + Boulevard pole with single bracket
- 4-5-6. MileWide<sup>2</sup> LED + Boulevard pole with double bracket





# MileWide<sup>2</sup> LED + Slend

- Dedicated extruded aluminium bracket on an aluminium spun pole
- Sets with one or two luminaires, single, double or rear bracket in several pole heights



Measurements in mm

See page 229 for technical specifications MileWide<sup>2</sup> LED

See page 294 for technical specifications Slend pole with bracket

### Complete sets:

1. MileWide<sup>2</sup> LED + Slend pole with single bracket + MileWide<sup>2</sup> LED + rear bracket
- 2-3. MileWide<sup>2</sup> LED + Slend pole with double bracket
- 4-5-6. MileWide<sup>2</sup> LED + Slend pole with single bracket

8m

7m

6m

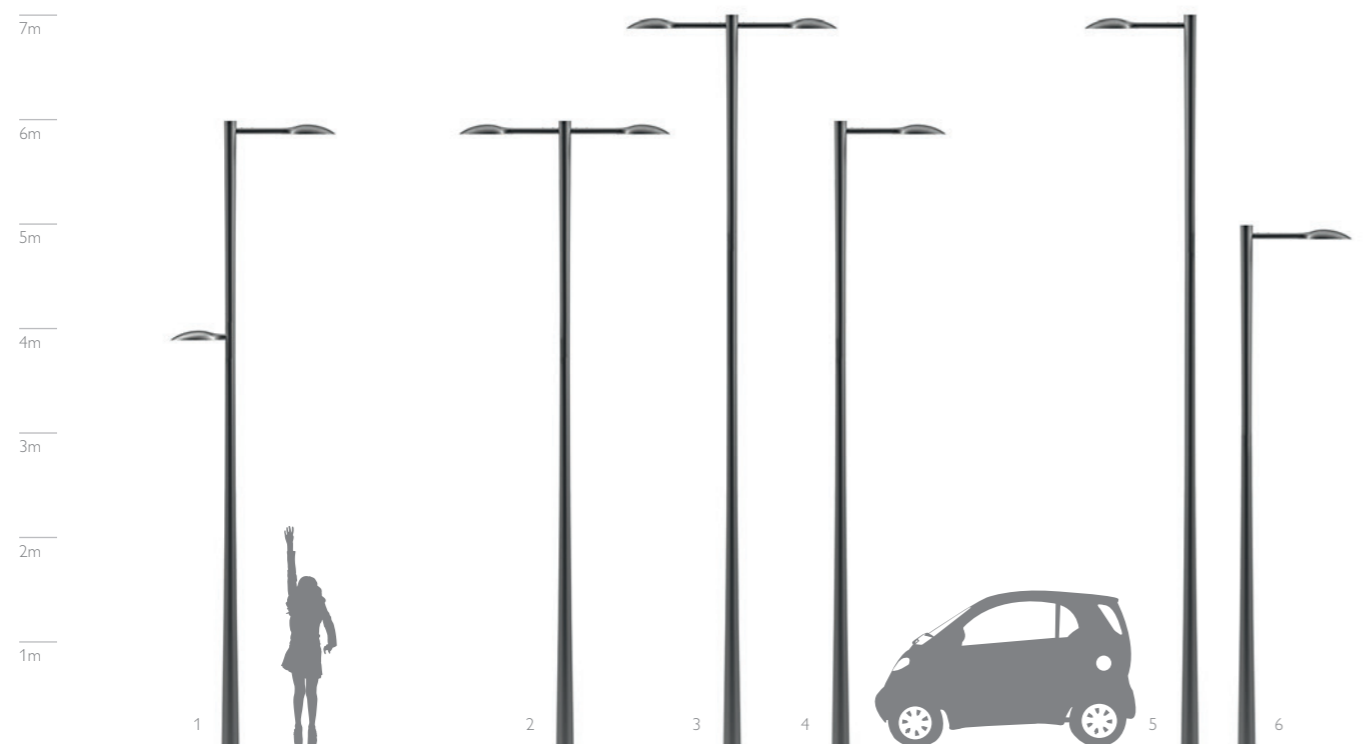
5m

4m

3m

2m

1m

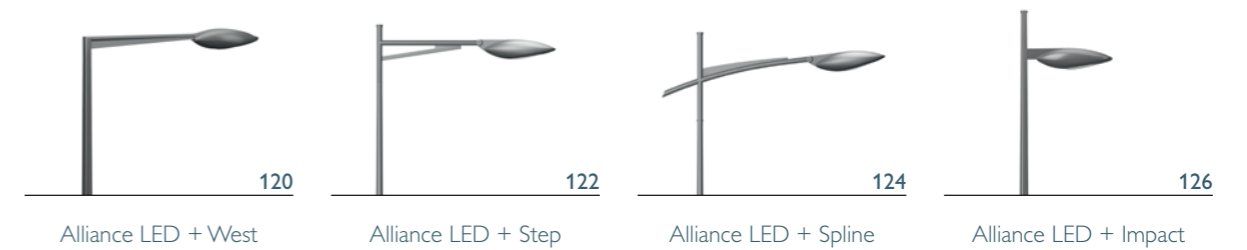






# Alliance LED

Alliance LED is characterised by its original design, which is based on the principle of optical and mechanical modularity. Alliance LED covers a large number of configurations and can address, within one and the same range, the lighting needs for main and side streets, urban main roads and ringroads in and around cities. Designed for heights of 4 to 10 meters, this luminaire can be mounted on a number of dedicated brackets to suit different environment styles and all urban configurations.

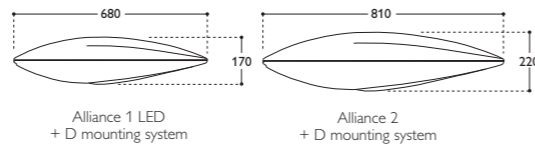




# Alliance LED + West



- Dedicated extruded cast aluminium bracket
- Compatible with Accante conical pole in steel (top Ø 89 mm) or Aloa conical pole in aluminium (top Ø 90 mm)
- Sets with one or two luminaires, single or double, rear bracket and wall mounted in different lengths and several pole heights
- Only Alliance 1 is available in LED version

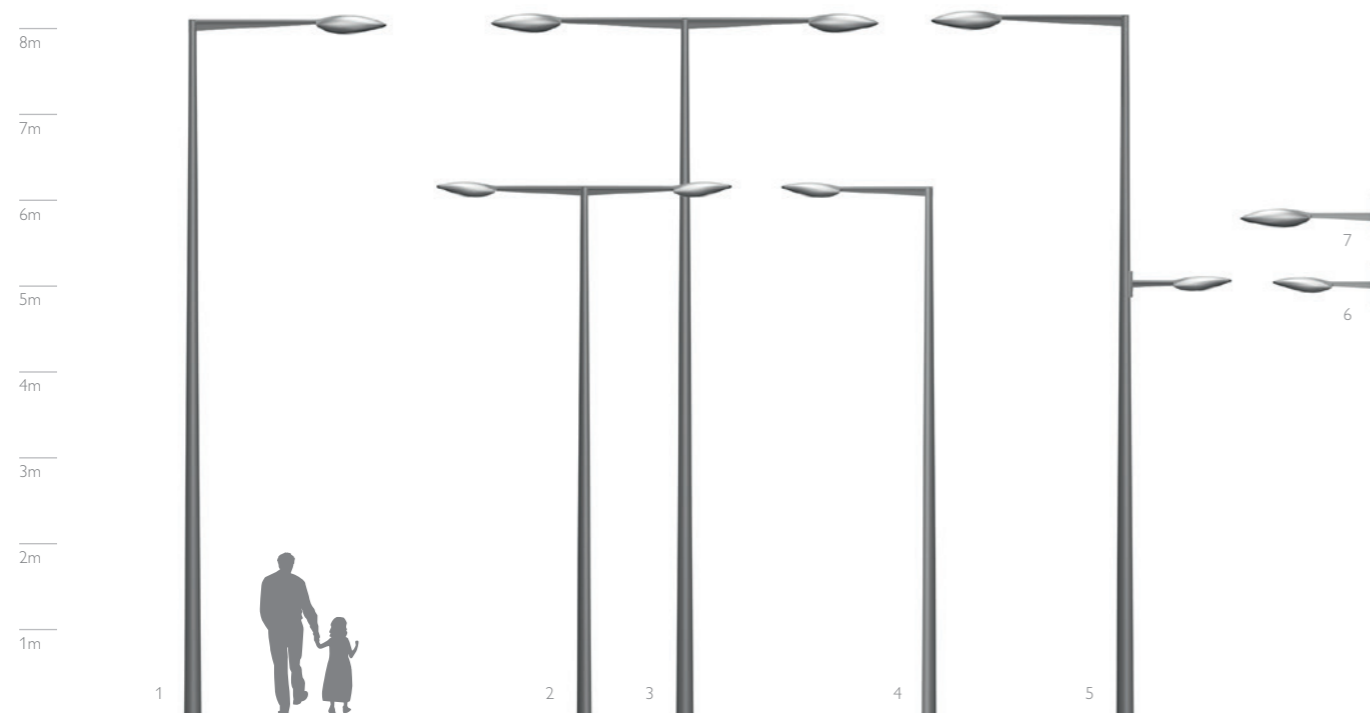


Measurements in mm

See page 199 for technical specifications Alliance LED  
See page 253 for technical specifications West bracket

### Complete sets:

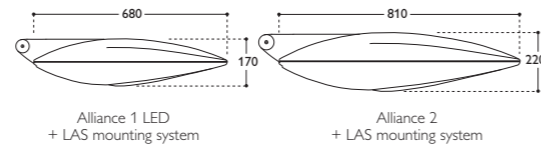
- 1-3. Alliance 2 + West S1900 bracket + Aloa/Accante pole
- 2-4. Alliance 1 LED + West S1450 bracket + Aloa/Accante pole
5. Alliance 2 + West S1900 bracket + Aloa/Accante pole + Alliance 1 LED + West S920 rear bracket
6. Alliance 2 + West S920 wall bracket
7. Alliance 2 + West S1225 wall bracket





# Alliance LED + Step

- Standard extruded aluminium bracket
- Compatible with Accante conical pole in steel (top Ø 60, 62 or 89 mm) or Aloa conical pole in aluminium (top Ø 90 mm)
- Sets with one or two luminaires, single or double, rear bracket and wall mounted in different lengths and several pole heights
- Only Alliance 1 is available in LED version

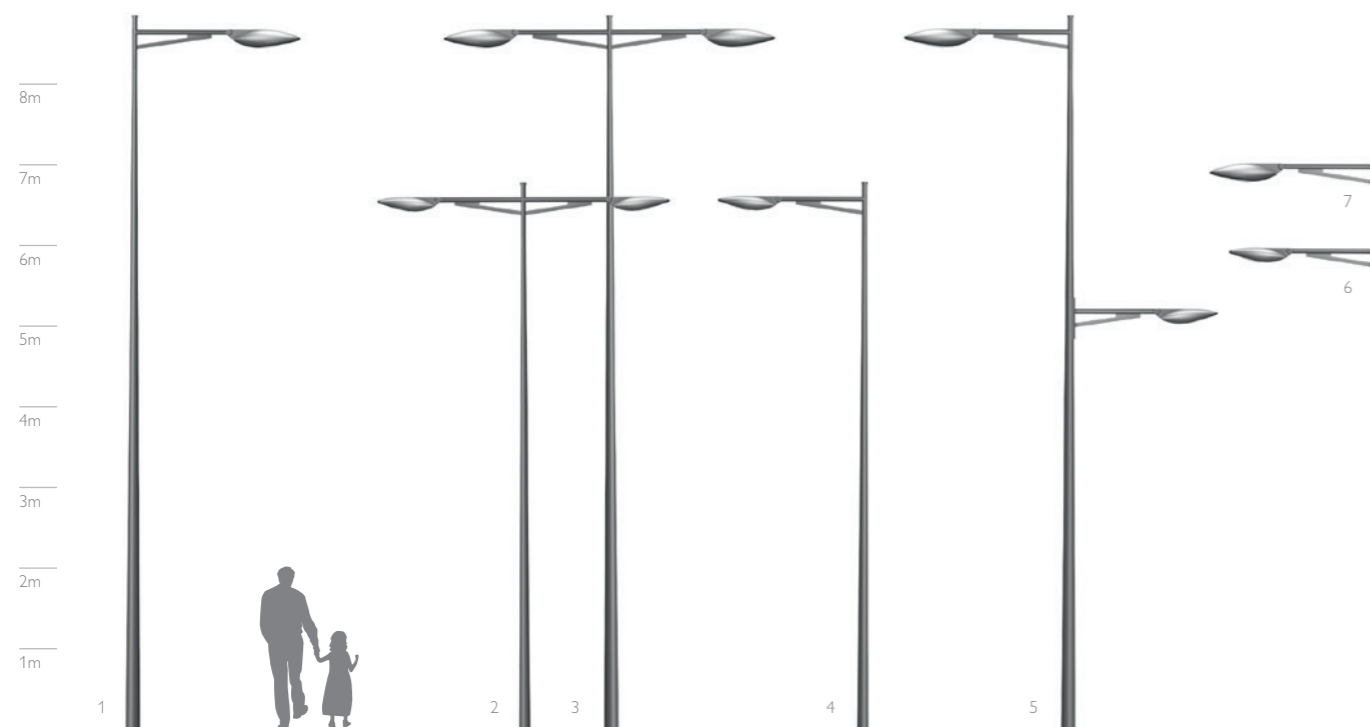


Measurements in mm

See page 199 for technical specifications Alliance LED  
See page 262 for technical specifications Step bracket

### Complete sets:

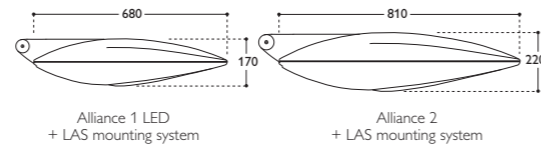
- 1-3. Alliance 2 + Step L1080 bracket + Aloa/Accante pole
- 2-4. Alliance 1 LED + Step L980 bracket + Aloa/Accante pole
5. Alliance 2 + Step L1080 bracket + Aloa/Accante pole + Alliance 1 LED + Step L980 rear bracket
6. Alliance 1 LED + Step L980 wall bracket
7. Alliance 2 + Step L1080 wall bracket





# Alliance LED + Spline

- Standard extruded aluminium bracket
- Compatible with Accante conical pole in steel (top Ø 60, 62 or 89 mm) or Aloa conical pole in aluminium (top Ø 90 mm)
- Sets with one or two luminaires, single or double, rear bracket and wall mounted in different lengths and several pole heights
- Only Alliance 1 is available in LED version

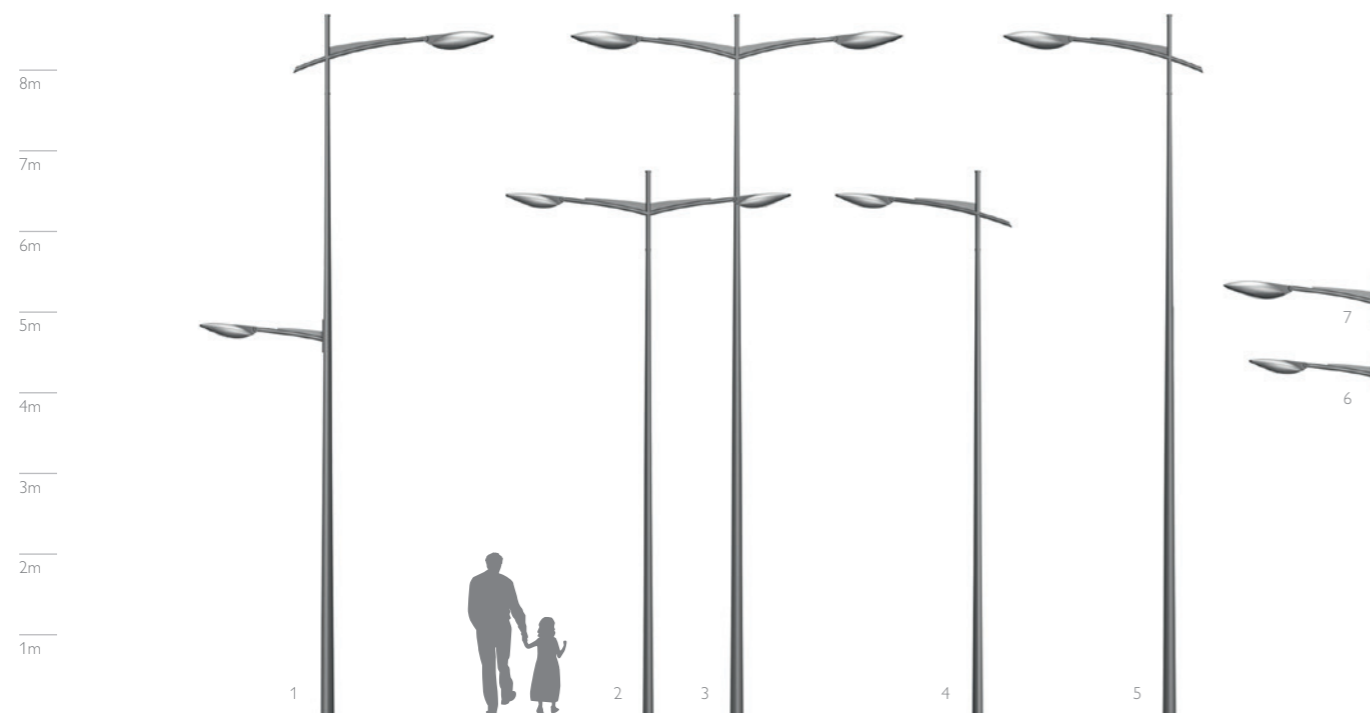


Measurements in mm

See page 199 for technical specifications Alliance LED  
See page 262 for technical specifications Spline bracket

### Complete sets:

1. Alliance 2 + Spline L1205 brackets + Aloa/Accante pole + Alliance 1 LED + Spline L1045 rear bracket
- 2-4. Alliance 1 LED + Spline L1045 bracket + Aloa/Accante pole
- 3-5. Alliance 2 + Spline L1205 bracket + Aloa/Accante pole
6. Alliance 1 LED + Spline L1045 wall bracket
7. Alliance 2 + Spline L1205 wall bracket

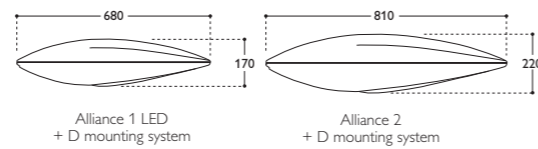




# Alliance LED + Impact



- Dedicated cast aluminium bracket
- Compatible with Accante conical pole in steel (top Ø 60, 62 or 76 mm)
- Sets with one or two luminaires, single or double, rear bracket and wall mounted in several pole heights
- Only Alliance 1 is available in LED version

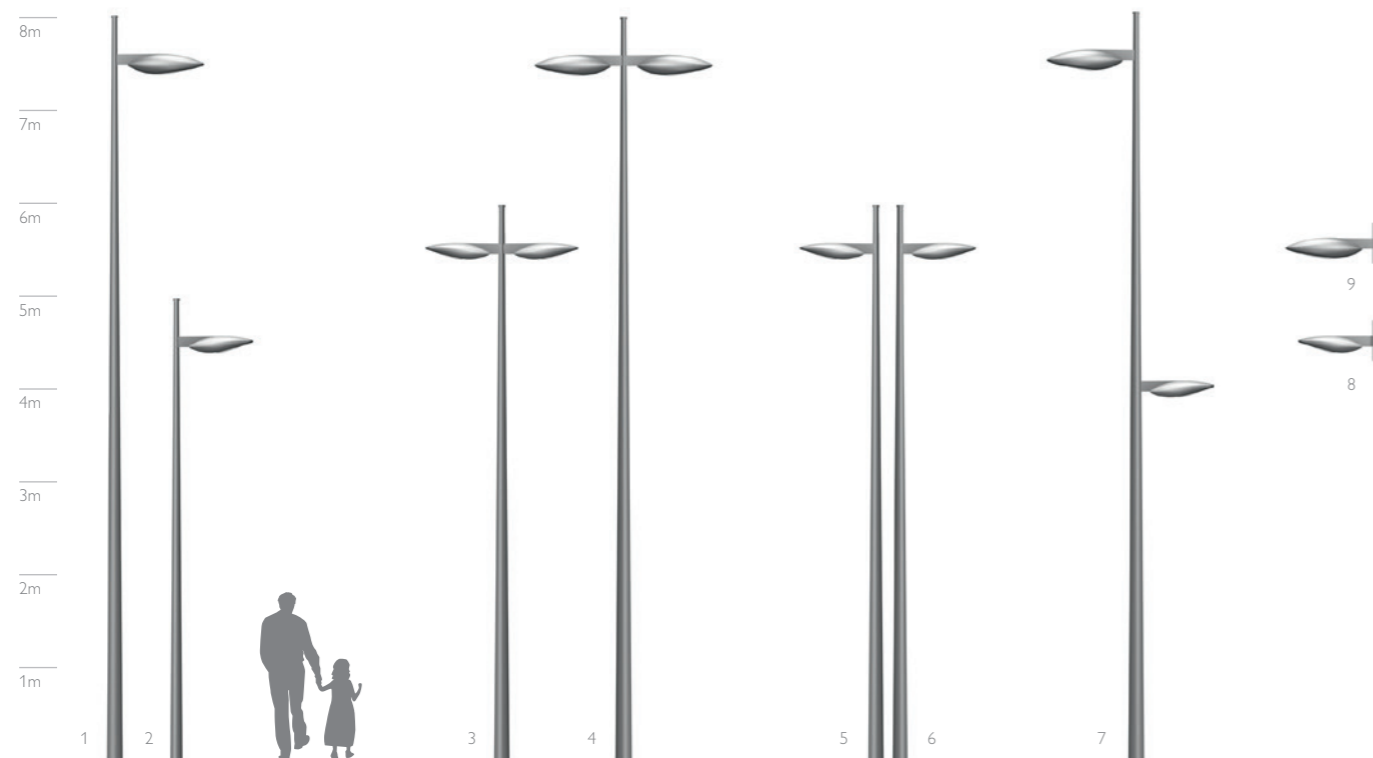


Measurements in mm

See page 199 for technical specifications Alliance LED  
See page 249 for technical specifications Impact bracket

## Complete sets:

1-4. Alliance 2 + Impact S600 bracket + Accante pole 2-3-5-6. Alliance 1 LED + Accante pole + Alliance 1 LED + Impact S550 rear bracket 8. Alliance 1 LED + Impact S500 bracket + Accante pole 7. Alliance 2 + Impact S600 bracket + Accante pole + Alliance 2 + Impact S550 wall bracket 9. Alliance 2 + Impact S600 wall bracket





# CitySoul LED

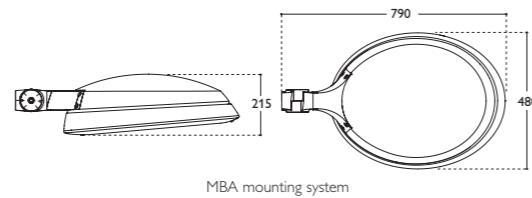
CitySoul LED is a family of modular street LED luminaires. Its classic design, including dedicated poles and brackets – merges well with today's urban environment. Available in two sizes, the simple, flat, ellipsoidal form of the luminaire creates an elegant lighting point. Suitable for mounting heights of 6 to 10 meters in side-entry, suspended or post-top installation, this versatile luminaire fits every application.





# CitySoul LED + Morph

- Dedicated cast aluminium bracket
- Compatible with Accante conical pole in steel top Ø 76 mm
- Sets with one or two luminaires, single or double, rear bracket in several pole heights



Measurements in mm

See page 200 for technical specifications CitySoul LED  
See page 251 for technical specifications Morph bracket

#### Complete sets:

- 1-2-3-4. CitySoul LED + Morph S1500 bracket + Accante pole
5. CitySoul LED + Morph S1500 bracket + Accante pole + Mini CitySoul LED + Sweep short bracket

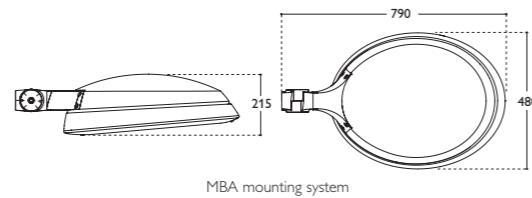




# CitySoul LED + Sweep



- Dedicated pole in steel with short bracket in cast aluminium
- Set with one luminaire in different pole heights



MBA mounting system

Measurements in mm

See page 200 for technical specifications CitySoul LED

See page 295 for technical specifications Sweep poles with short bracket

### Complete sets:

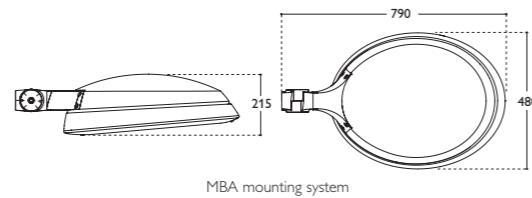
1-2-3-4-5-6-7. CitySoul LED + Sweep pole with short bracket





# CitySoul LED + Jump

- Dedicated steel bracket
- Compatible with Accante conical pole in steel top  $\varnothing$  76 mm
- Sets with one or two luminaires, single or double, rear bracket and wall mounted in different lengths and several pole heights



MBA mounting system

Measurements in mm

See page 200 for technical specifications CitySoul LED  
See page 250 for technical specifications Jump bracket

### Complete sets:

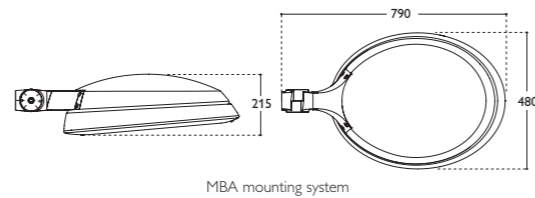
- 1-2-3-4. CitySoul LED + Jump S1500 bracket + Accante pole
5. CitySoul LED + Jump S1500 bracket + Accante pole + Mini CitySoul LED + Sweep short bracket
6. CitySoul LED + Jump S1000 wall bracket





# CitySoul LED + Flip

- Dedicated steel bracket
- Compatible with Accante conical pole in steel top  $\varnothing$  76 mm
- Sets with one or two luminaires, single or double, rear bracket and wall mounted in different lengths and several pole heights



Measurements in mm

See page 200 for technical specifications CitySoul LED  
See page 249 for technical specifications Flip bracket

### Complete sets:

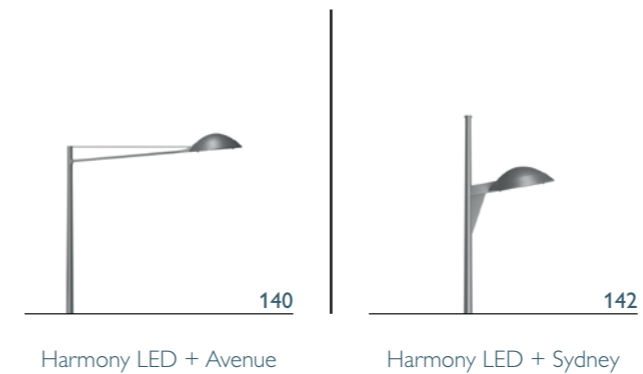
- 1-2-3-4. CitySoul LED + Flip S1500 bracket + Accante pole
5. CitySoul LED + Flip S1500 bracket + Accante pole + Mini CitySoul LED + Sweep short bracket
6. CitySoul LED + Flip S500 wall bracket
7. CitySoul LED + Flip S1000 wall bracket





# Harmony LED

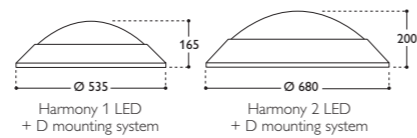
Harmony LED is based on clean shapes, an accomplished modular construction and complementary optical systems, Harmony LED can be adapted to all environment styles and types of application. Available in two sizes designed for heights from 4 to 10 meters, the luminaire is ideally combined with several brackets and wall mounted solutions. Allowing you to compose varied, yet consistent installations. Harmony LED is the overall lighting solution for classic and contemporary urban settings, integrating the most advanced technologies in the field of photometric and mechanical engineering, as well as in respect of sustainability, safety and maintenance.





# Harmony LED + Avenue

- Dedicated extruded cast aluminium bracket
- Compatible with Accante conical pole in steel (top Ø 60 and 62 mm)
- Sets with one or two luminaires, single, double or rear bracket and wall mounted in different lengths and several pole heights



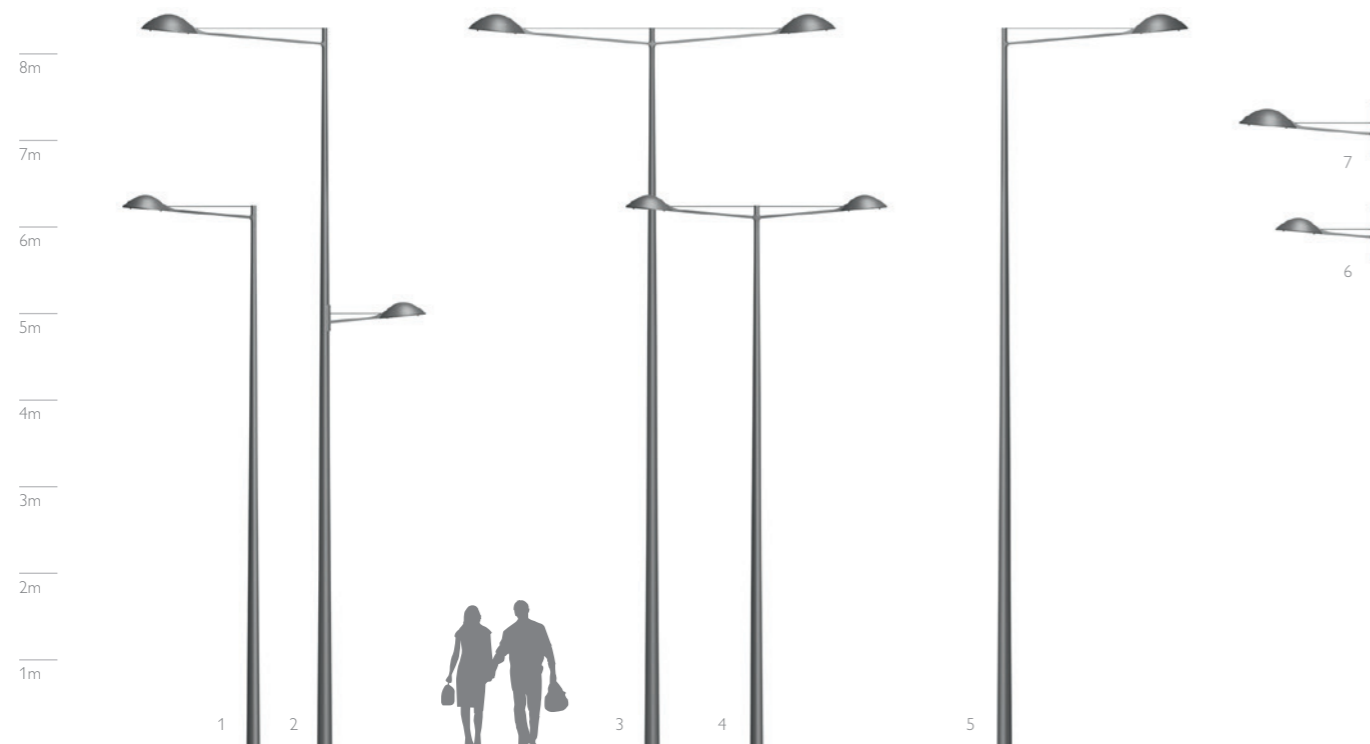
Measurements in mm

See page 213 for technical specifications Harmony LED  
See page 248 for technical specifications Avenue bracket

**Complete sets:**

1-4. Harmony 1 LED + Avenue S1250 bracket + Accante pole  
2. Harmony 2 LED + Avenue S1800 bracket + Accante pole +  
Harmony 1 LED + Avenue S870 rear bracket

3-5. Harmony 2 LED + Avenue S1800 bracket + Accante pole  
6. Harmony 1 LED + Avenue S870 wall bracket 7. Harmony 2 LED +  
Avenue S1220 wall bracket

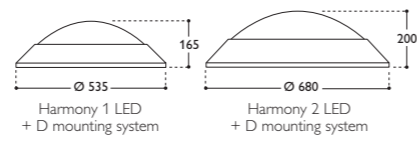




# Harmony LED + Sydney



- Dedicated cast aluminium bracket
- Compatible with Accante conical pole in steel (top Ø 60, 62 or 76 mm)
- Sets with one or two luminaires, single or double, rear bracket and wall mounted in different lengths and several pole heights



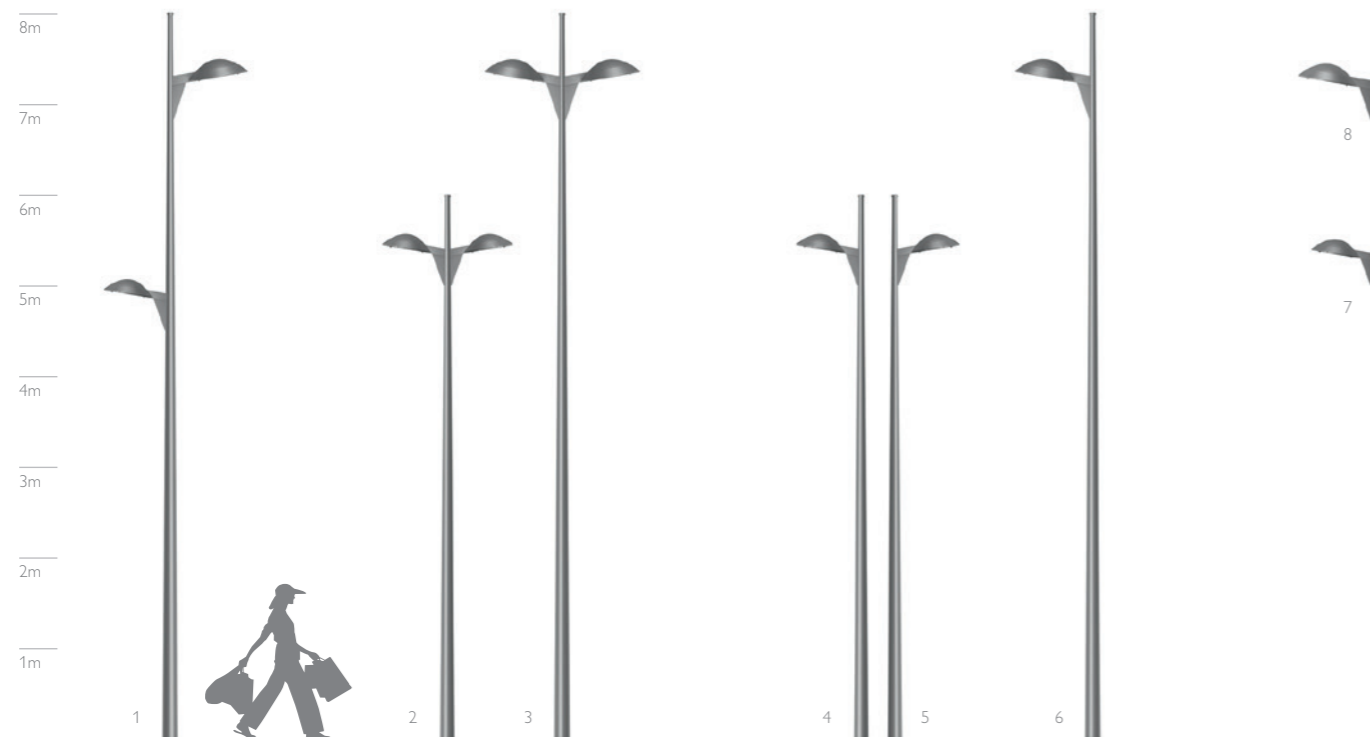
Measurements in mm

See page 213 for technical specifications Harmony LED  
See page 252 for technical specifications Sydney bracket

## Complete sets:

**1.** Harmony 2 LED + Sydney S550 bracket + Accante pole + Harmony 1 LED + Sydney S450 rear bracket  
**2-4-5.** Harmony 1 LED + Sydney S450 bracket + Accante pole

**3-6.** Harmony 2 LED + Sydney S550 bracket + Accante pole  
**7.** Harmony 1 LED + Sydney S450 wall bracket  
**8.** Harmony 2 LED + Sydney S550 wall bracket





# Élysée LED

Élysée LED is a classical luminaire with a typical retro appearance. Nevertheless it fits also in contemporary environments. This luminaire is available in an LED version or with micro-lamps, which allows cities to focus on reducing energy consumption. Designed for heights of 4-8 meters. Pure, simple and minimalist are the best words to describe the architectural retro design of this luminaire with a timeless character. Designed for suspended mounting, Élysée LED is offered in two different versions. Élysée LED is ideal for lighting urban and village streets and roads and city centres.



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Élysée LED + Ourcelles



148

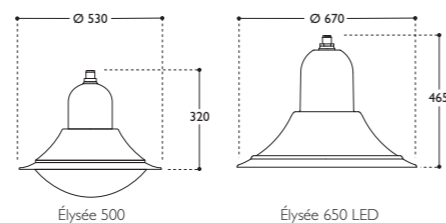
Élysée LED + Tradition



# Élysée LED + Ourcelles



- Standard extruded steel bracket
- Compatible with Accante conical pole in steel (top Ø 60 or 62 mm)
- Sets with one or two luminaires, single or double bracket and wall mounted in different lengths and several pole heights
- Only Élysée 650 is in LED version



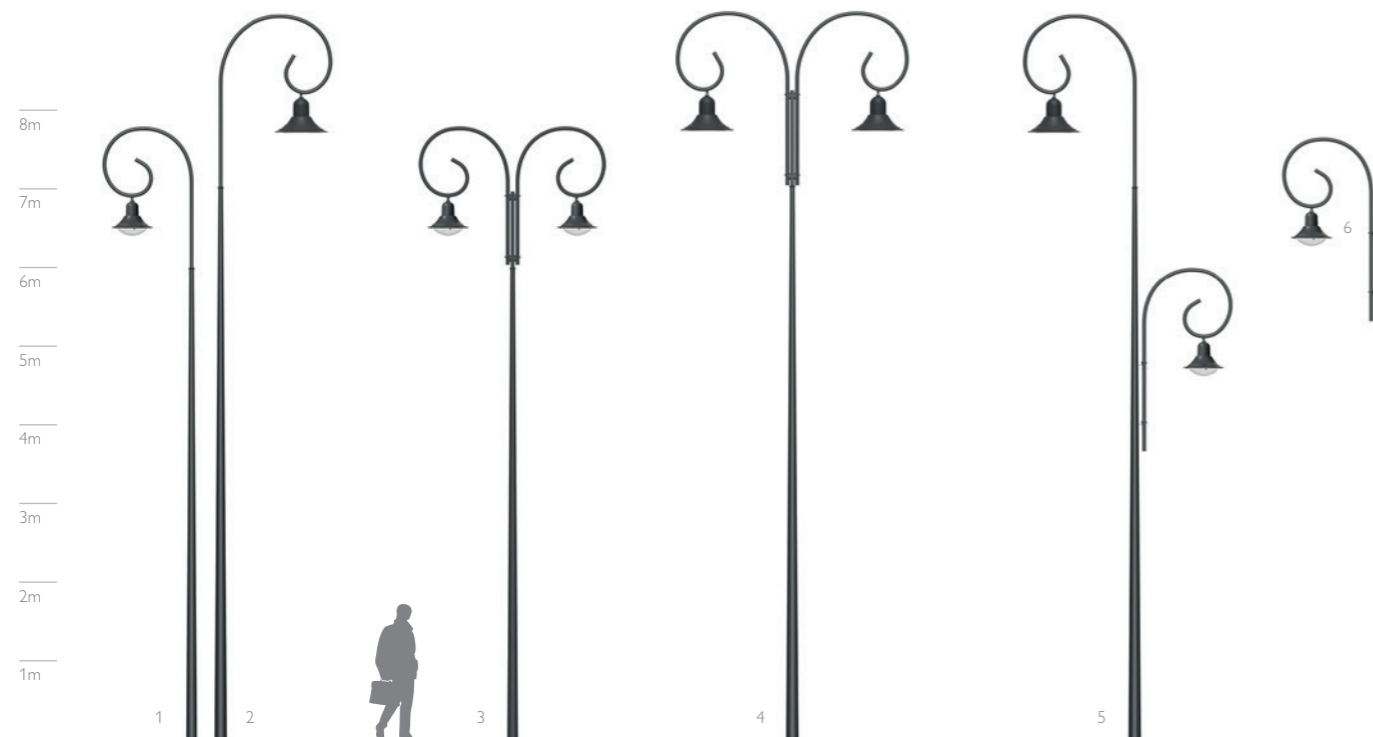
Measurements in mm

See page 212 for technical specifications Élysée LED

See page 260 for technical specifications Ourcelles bracket

### Complete sets:

- 1-3. Élysée 500 + Ourcelles S750 bracket + Accante pole
- 2-4. Élysée 650 LED + Ourcelles S1000 bracket + Accante pole
5. Élysée 650 LED + Ourcelles S1000 bracket + Accante pole + Élysée 500 + Ourcelles S750 rear bracket
6. Élysée 500 + Ourcelles S750 wall bracket

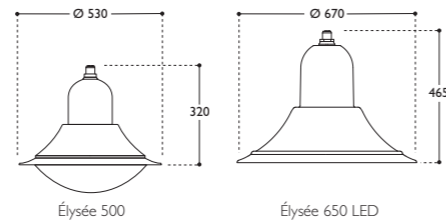




# Élysée LED + Tradition



- Standard extruded cast aluminum bracket (top cap Ø 76 and 90 mm) or extruded aluminium bracket (top tenon Ø 60-62 mm and staggered versions)
- Sets with one or two luminaires, single or double bracket and wall mounted in different lengths and several pole heights
- Only Élysée 650 is in LED version



Measurements in mm

See page 212 for technical specifications Élysée LED  
See page 263 for technical specifications Tradition bracket

## Complete sets:

1. Élysée 500 + Tradition S500 top cap + Accante pole
2. Élysée 650 LED + Tradition S880 brace staggered bracket + Accante pole
- 3-4. Élysée 500 + Tradition S500 brace staggered bracket + Accante pole
5. Élysée 650 LED + Tradition S630 top tenon 60 bracket + Accante pole
6. Élysée 500 + Tradition S500 top cap 90 bracket + Alteo pole 140/90
7. Élysée 650 LED + Tradition S500 wall bracket



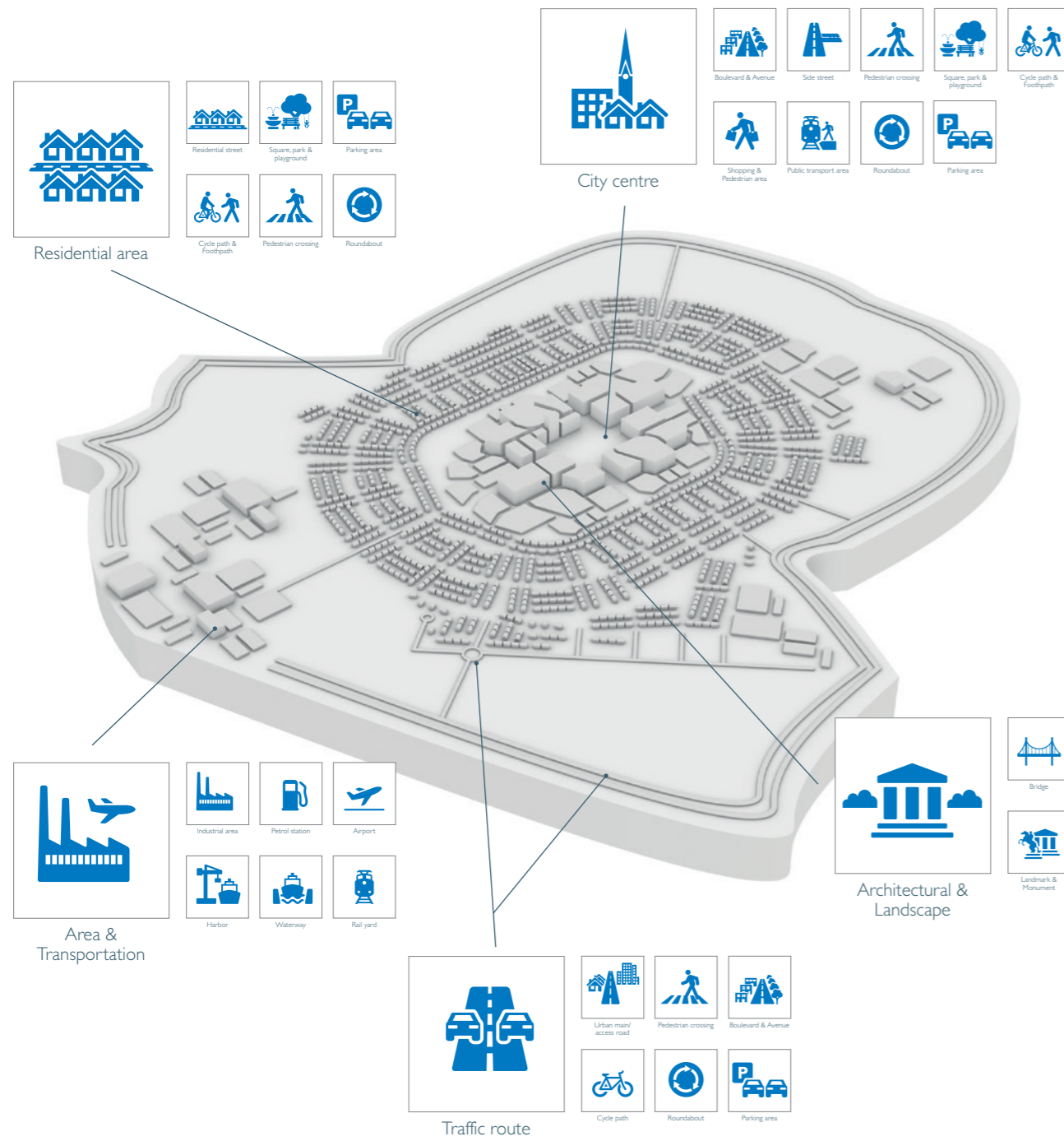




# Urban Functional

Our Urban Functional lighting range combines functional lighting needs for primarily traffic, living and being functions with design to provide comfort, orientation and safety, both to pedestrians and drivers. It can easily be extended towards a more decorative complete lighting point solution for urban areas, streets and roads to give daytime and nighttime appearance to lighting points and cities their own identity.





Our Urban Functional lighting solutions are developed for more task driven requirements for drivers and pedestrians like guidance, orientation, safety, recognition and social security. For every application in the city we do have several solutions to fulfill the functional aspects of lighting, but we can add some enhancement to it by creating complete lighting sets with these functional luminaires.



# Urban Functional



## Urban area & street lighting

Lighting in city centres, streets and residential areas plays a critical role in the way a city operates and feels. Our functional lighting solutions for urban streets and areas incorporate primarily living or being elements, and less dominant traffic functions. These functions are necessary criteria in sustainable energy efficient lighting that contribute significantly to improve the safety, the environment and the comfort of city centres, urban streets and residential areas. These lighting solutions, suitable for installation heights up to 8 meters, can be combined with complete sets of poles and brackets from our standard pole and bracket portfolio to give it a more decorative look.

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## Urban road lighting

With the increasing traffic densities in our communities, urban functional road lighting has become of major importance to guarantee traffic participants a safe journey. Our functional lighting solutions for urban roads incorporate primarily traffic functions that offer guidance and orientation, in a way that traffic safety for all participants is secured, mainly by having perfect glare control, white colour rendering and uniformity quality up to all relevant standards. At the same time maximisation of pole spacings is targeted by designing high performance optics, to match various lighting classes and road geometries for basic urban roads in and around cities. These lighting solutions, suitable for installation heights from 8 to 12 meters, can be combined with complete sets of poles and brackets from our standard pole and bracket portfolio to give it a more decorative look.

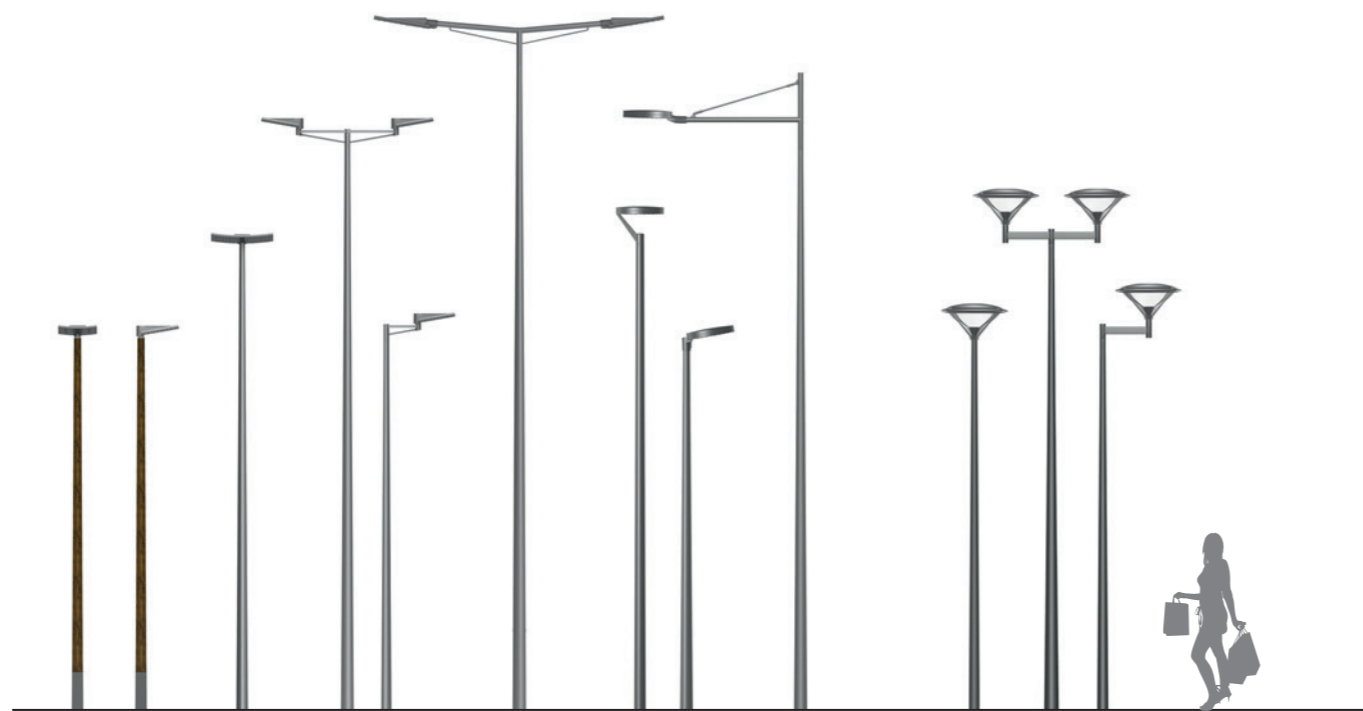
177



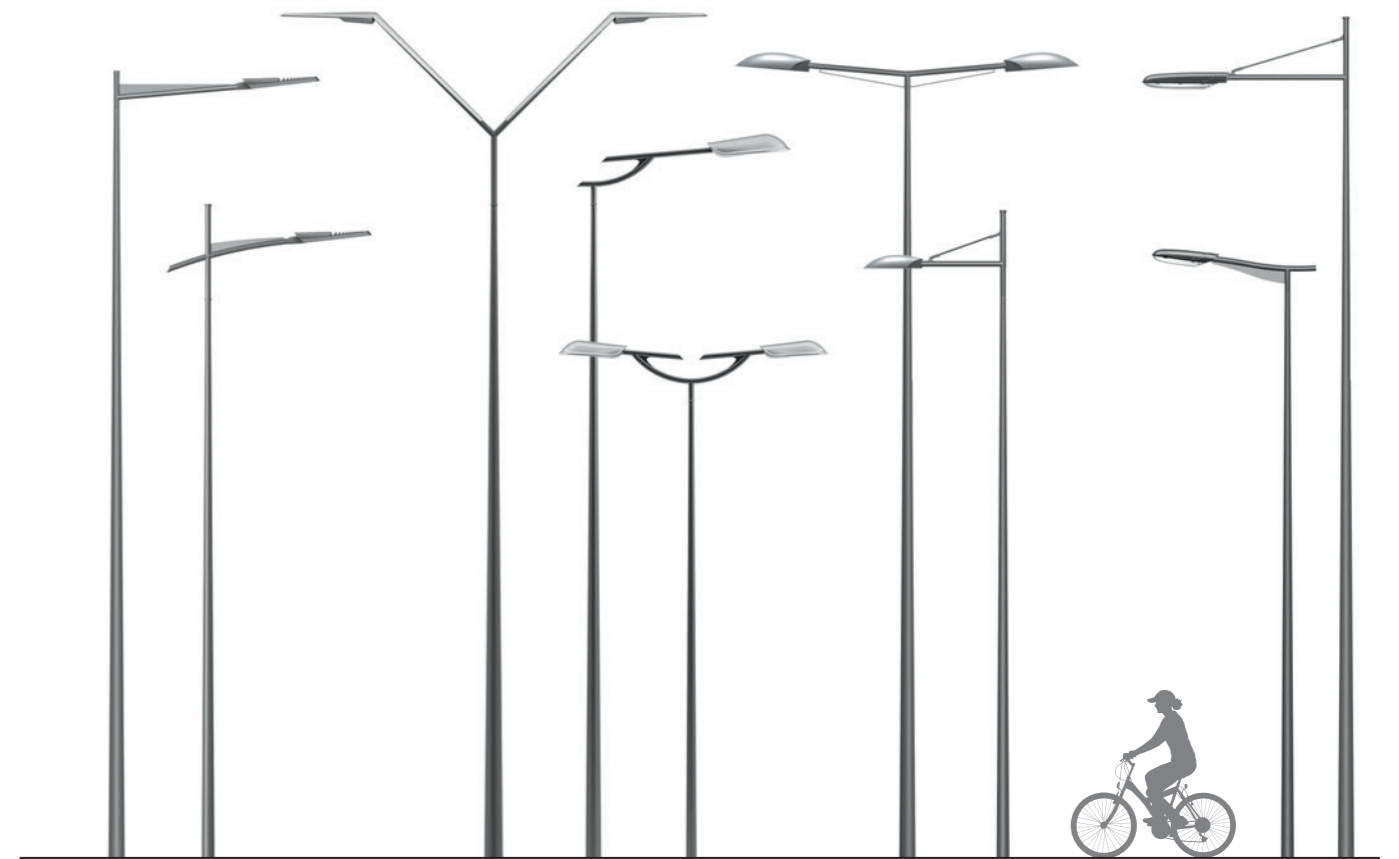
# Urban Functional

## Poles and brackets

Our Urban Functional lighting solutions can easily be extended towards a more decorative complete lighting point solution for urban areas, streets and roads to give daytime and nighttime appearance to complete lighting points and cities their own identity.



Urban area & street lighting



Urban road lighting





**Urban area & street lighting**

Lighting in city centres, streets and residential areas plays a critical role in the way a city operates and feels. Our functional lighting solutions for urban streets and areas incorporate primarily living or being elements, and less dominant traffic functions. These functions are necessary criteria in sustainable energy efficient lighting that contribute

significantly to improve the safety, the environment and the comfort of city centres, urban streets and residential areas. These lighting solutions, suitable for installation heights up to 8 meters, can be combined with complete sets of poles and brackets from our standard pole and bracket portfolio to give it a more decorative look.

# Urban area & street lighting

Stela



158

Disq LED



168

Logo LED



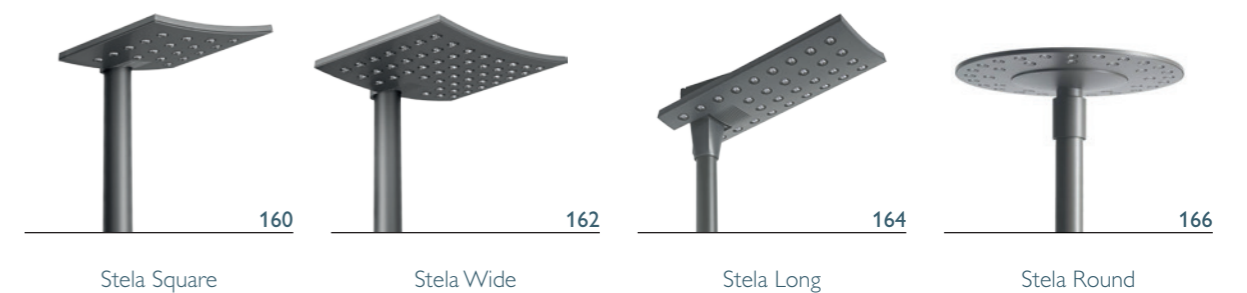
172





# Stela

Take one glance at Stela and it becomes clear that it is something totally different from what we have been used to in functional public lighting up to till now. Using LED for functional outdoor lighting provides luminaire designers with new opportunities in designing public spaces. The luminaire has become less the “packaging” of the light source and housing are much better integrated in one clear design concept. Stela has its own unique identity designed for a new era in lighting. The range especially covers the city centre and residential area applications and consists of the post-top versions Stela Square and Stela Wide, the post-top / side-entry version Stela Long and the symmetrical round post-top Stela Round.

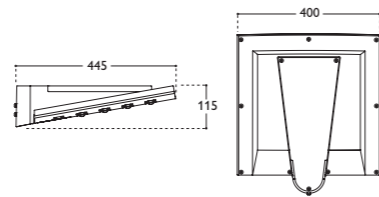




# Stela Square



- Installation height 4 to 6 m
- Energy saving LED solution
- Suitable for post-top mounting Ø 60 mm and Ø 76 mm
- Several standard lumen packages available, offering a wide range of lighting solutions
- Several optics available for different street geometries
- Suitable for residential, pedestrian and shopping areas, squares, parks and also around buildings



Measurements in mm

See page 238 for technical specifications Stela Square

#### Complete sets:

- 1-2. Stela Square + Botua wooden pole
- 3-4. Stela Square + Aloa/ Accante pole

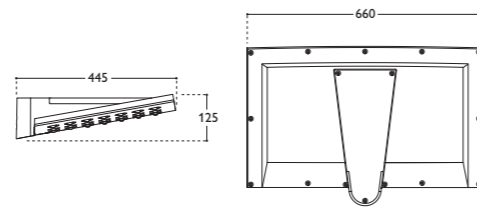




# Stela Wide



- Installation height 4 to 8 m
- Energy saving LED solution
- Suitable for post-top mounting Ø 60 mm and Ø 76 mm
- Several standard lumen packages available, offering a wide range of lighting solutions
- Several optics available for different street geometries
- Suitable for residential streets and areas, pedestrian and shopping areas, side streets, squares, parks and also around buildings



Measurements in mm

See page 239 for technical specifications Stela Wide

#### Complete sets:

1. Stela Wide + Botua wooden pole
- 2-3. Stela Wide + Aloa/Accante pole

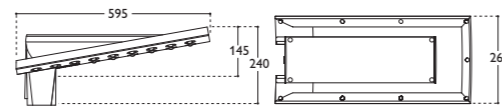




# Stela Long



- Installation height 5 to 8 m
- Energy saving LED solution
- Longitudinal shape is typically used for side-entry installations
- Suitable for side-entry mounting  $\varnothing$  32/60 mm and post-top  $\varnothing$  60/76 mm
- Several standard lumen packages available, offering a wide range of lighting solutions
- Lumen packages create a perfect overlap between Stela Square and Wide
- Several optics available for different street geometries
- Suitable for residential streets and areas, pedestrian and shopping areas, side streets, squares, parks and also around buildings



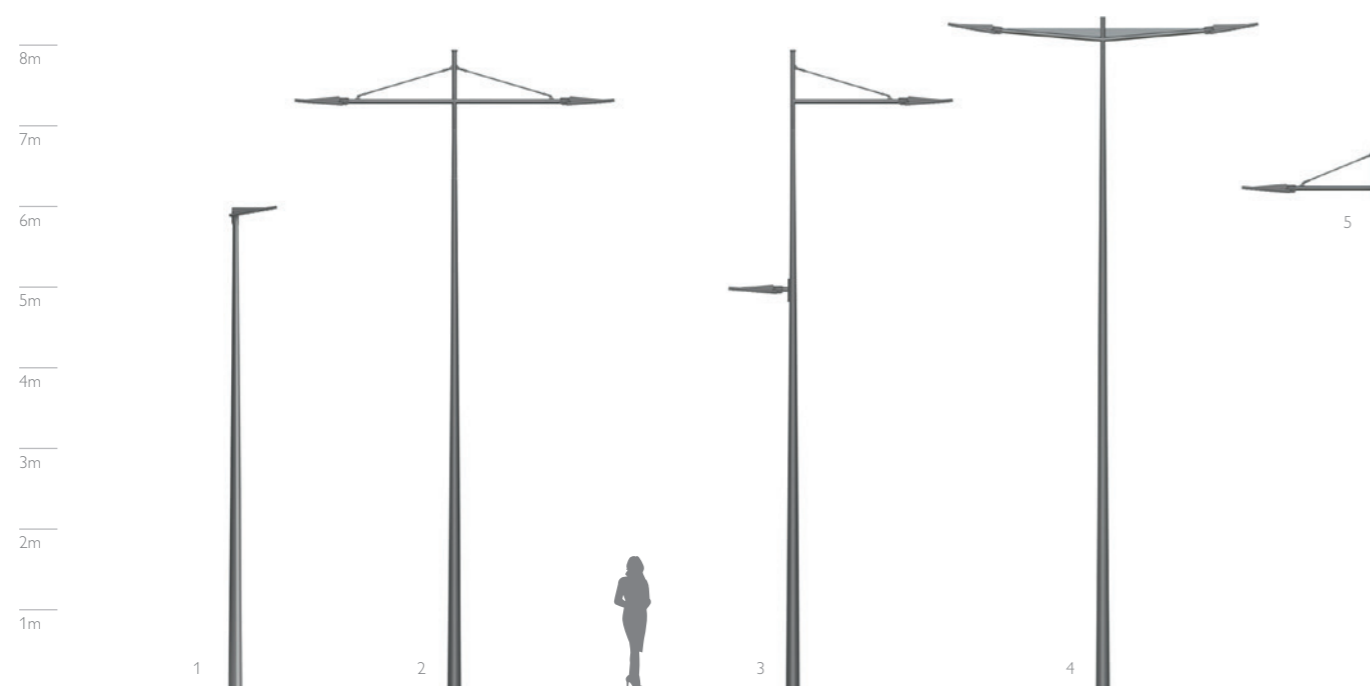
Measurements in mm

See page 236 for technical specifications Stela Long  
See page 254 for technical specifications standard brackets

## Complete sets:

1. Stela Long + Aloa/Accante pole 2. Stela Long + Caravelle low L1400 bracket + Aloa/Accante pole 3. Stela Long + Caravelle low L1400 bracket + Aloa/Accante pole + Stela Long + rear bracket 4. Stela Long + Mayotte

L1400 bracket + Aloa/Accante pole 5. Stela Long + Caravelle low L900 wall bracket

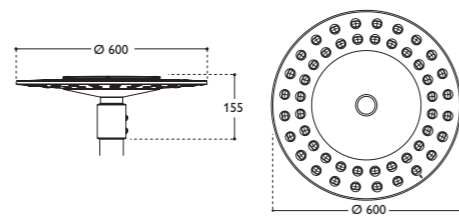




# Stela Round



- Installation height 4 to 5 m
- Energy saving LED solution natural round shape adds a certain flair to the environment
- Suitable for post-top  $\varnothing$  60/76 mm
- Several standard lumen packages available, offering a wide range of lighting solutions
- Very suitable for areas like parks or squares (area optic), but can also be used in street geometries (street optic)

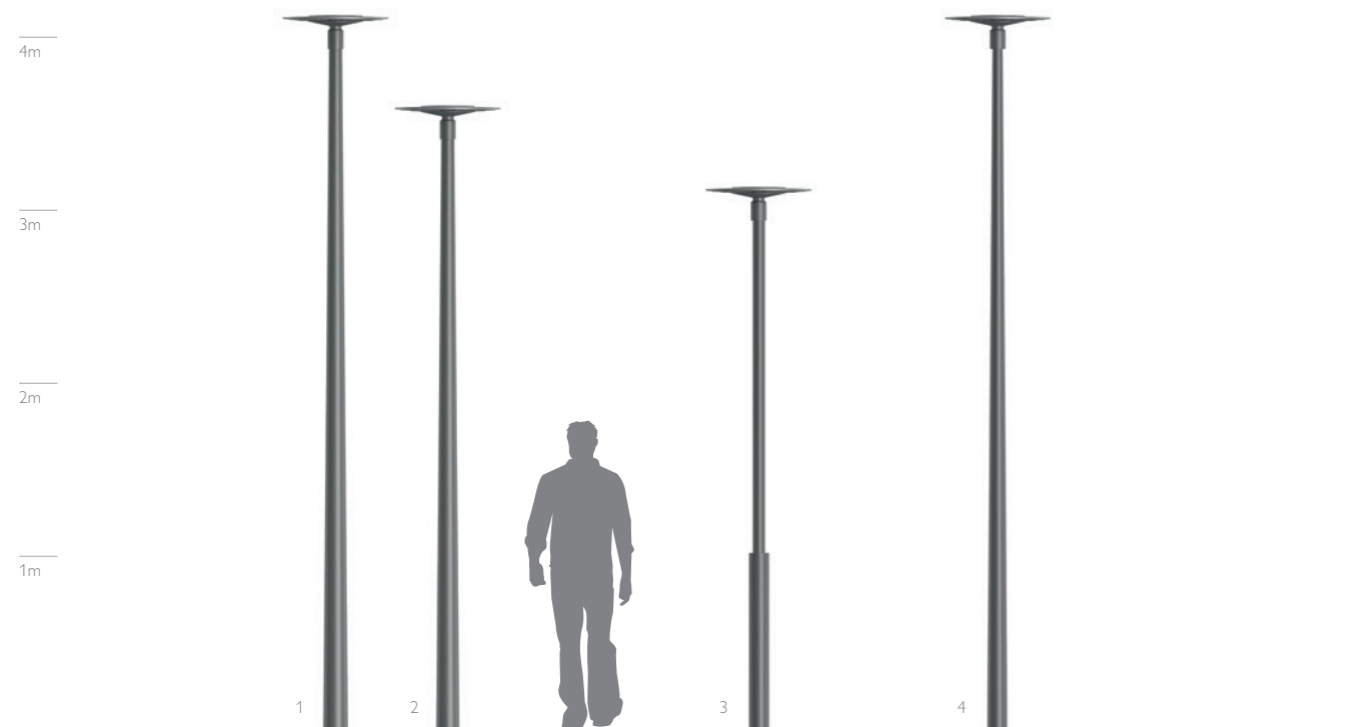


Measurements in mm

See page 237 for technical specifications Stela Round

#### Complete sets:

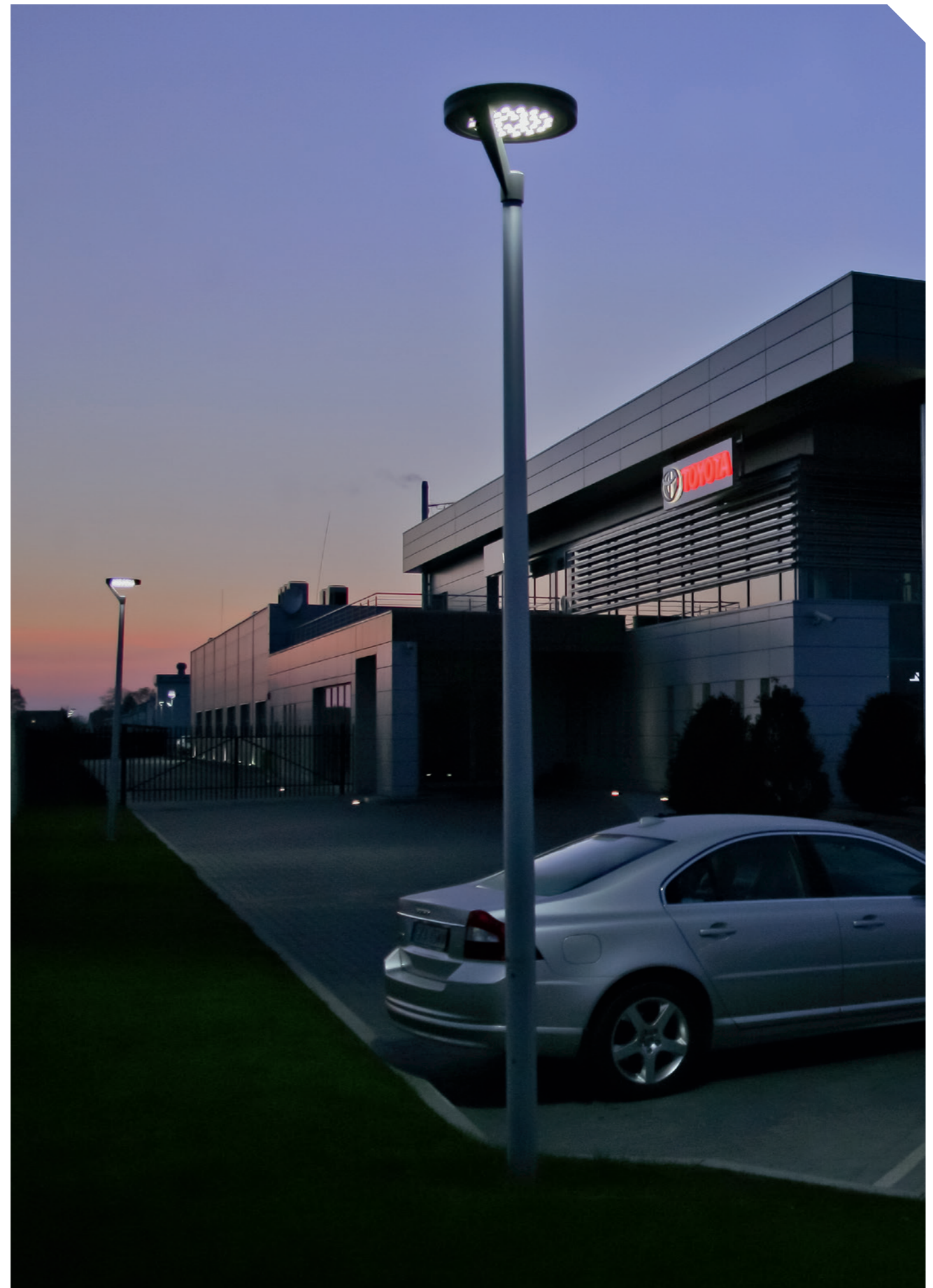
1-2-4. Stela Round + Aloa/Accante pole 3. Stela Round + Acteo/Alteo pole





# Disq LED

The design of Disq LED was inspired by the need for new, broadly applicable standard luminaires. Both in large scale projects, for example residential streets, where timelessness and functionality are desired, but also in specific projects such as squares, parks and shopping areas, where strong design accents can create a distinctive atmosphere. Disq LED offers modern simplicity in harmony with the environment.

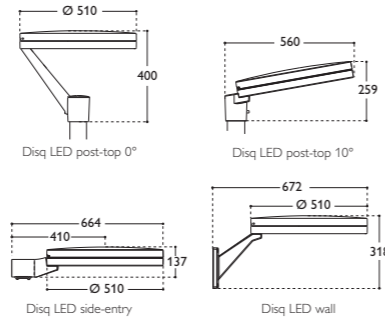




# Disq LED



- Installation height 4 to 8 m
- Energy saving LED solution
- Different mounting versions for a large implementation of the Disq shape in the cityscape
- Several standard lumen packages available, offering a wide range of lighting solutions
- Several optics available for different street and area geometries
- Special retrofit kit solution available to update conventional Disq luminaires



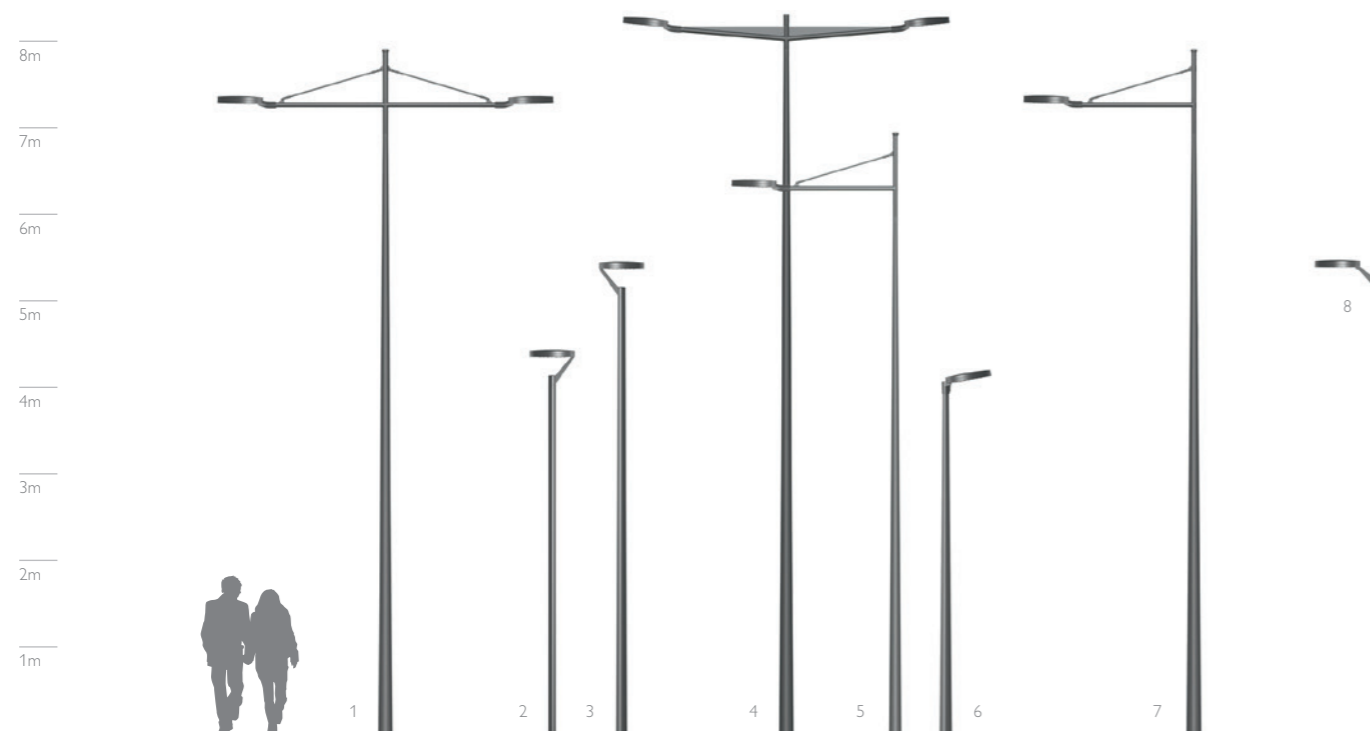
Measurements in mm

See page 206 for technical specifications Disq LED

See page 254 for technical specifications standard brackets

### Complete sets:

- 1-5-7. Disq LED + Caravelle low L1400 bracket + Aloa/Accante pole  
 2-3. Disq LED + Actua pole 4. Disq LED + Mayotte L1400 bracket + Accante pole 6. Disq LED + Aloa/Accante pole 8. Disq LED wall





# Logo LED

Versatility and decorative design are key words when talking about Logo LED. Both these elements return in the combination with LED as light source. A dedicated street and a specific area light distribution are available. Existing Logo luminaires can be easily upgraded to an LED standard by use of a special retrofit kit. The timeless appearance makes Logo LED perfect for large-scale application for a long period, such as in residential areas or squares. The perfect modern classic mix!

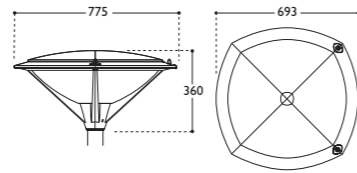




# Logo LED



- Installation height 4 to 6 m
- Energy saving LED solution
- Several standard lumen packages available, offering a wide range of lighting solutions
- Several optics available for different street and area geometries
- Special retrofit kit solution available to update conventional Logo luminaires



Measurements in mm

See page 217 for technical specifications Logo LED  
See page 257 for technical specifications Chandelier bracket

### Complete sets:

- 1-4-5-6. Logo LED + Chandelier S500 bracket + Aloa/Accante pole
- 2-3. Logo LED + Aloa/Accante pole
- 7. Logo LED + Chandelier S500 wall bracket







**Urban road lighting**

With the increasing traffic densities in our communities, urban functional road lighting has become of major importance to guarantee traffic participants a safe journey. Our functional lighting solutions for urban roads incorporate primarily traffic functions that offer guidance and orientation, in a way that traffic safety for all participants is secured, mainly by having perfect glare control, white colour rendering and uniformity quality up

to all relevant standards. At the same time maximisation of pole spacings is targeted by designing high performance optics, to match various lighting classes and road geometries for basic urban roads in and around cities. These lighting solutions, suitable for installation heights from 8 to 12 meters, can be combined with complete sets of poles and brackets from our standard pole and bracket portfolio to give it a more decorative look.

# Urban road lighting

Luma



178

SpeedStar



184

Iridium<sup>2</sup> LED

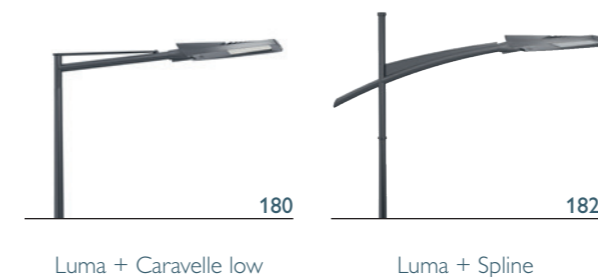
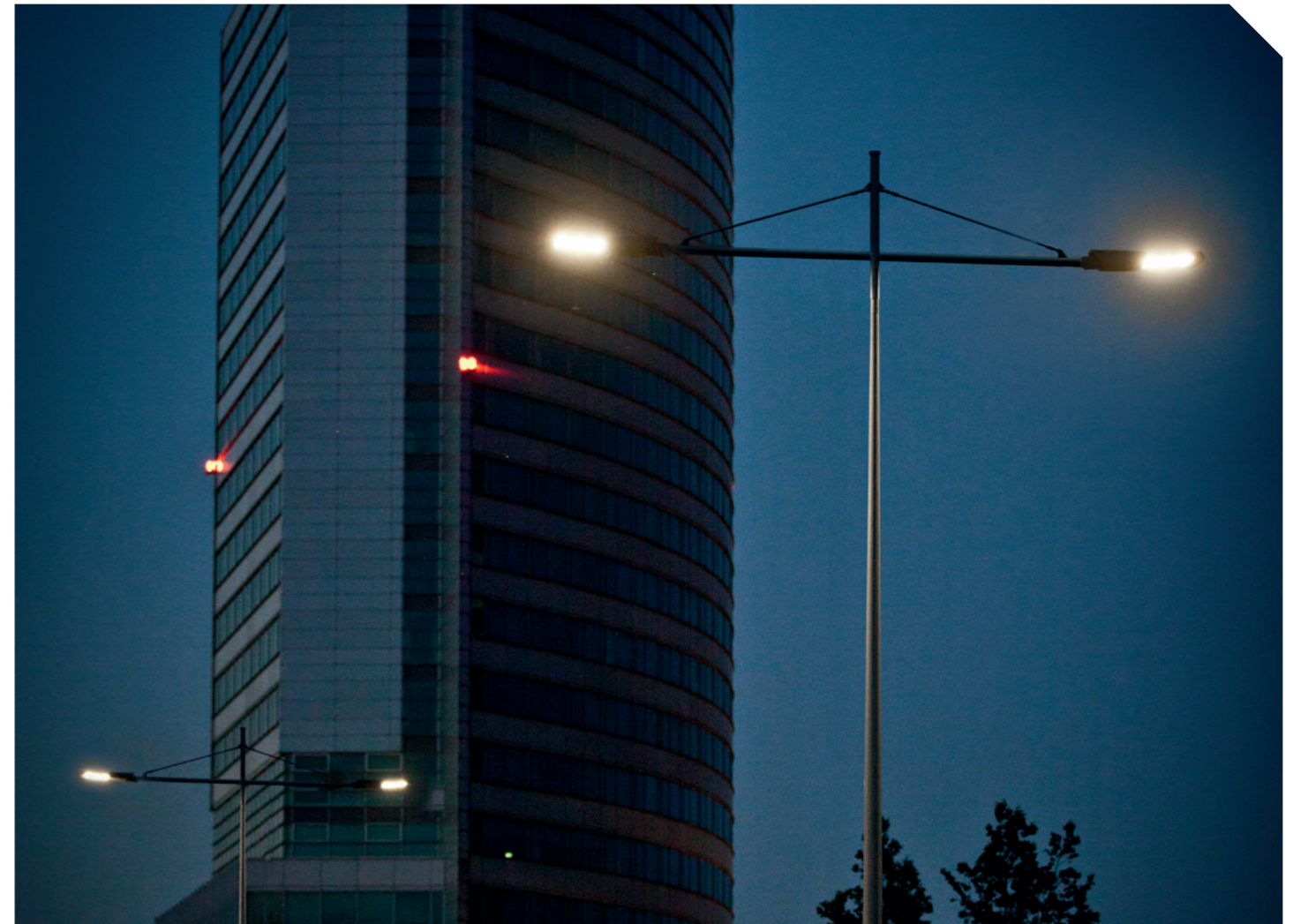


188



# Luma

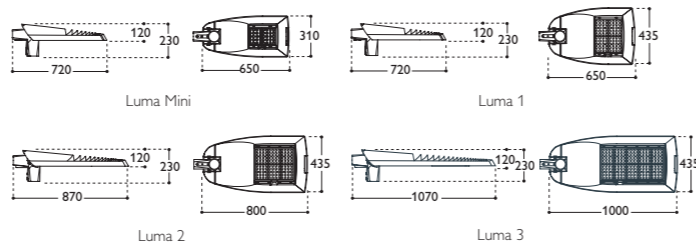
The modern Luma shapes have serene, recognisable lines and will therefore be at home in various road and street lighting environments. This makes Luma extremely suitable as the standard LED luminaire for a community from an urban ring road, urban roads and streets towards residential areas. The Luma family has three versions that are suitable for functional urban lighting. The Luma Mini has a very elegant and compact appearance. This design character, combined with a range of optics, makes it very suitable for relatively lower installation heights on streets in residential areas. Luma 1 combines the evident modern design of the Luma range with a relatively compact size. Luma 2 is clearly the modern LED alternative for all major urban traffic routes (Luma 3 is dedicated to major traffic routes outside the communities, like motorways). The functional though elegant design of the Luma range matches the relatively higher installation heights and realises the big lumen packages needed for these urban traffic routes.





# Luma + Caravelle low

- Standard extruded aluminium bracket
- Compatible with Accante conical pole in steel (top Ø 60 or 62 mm) or Aloa conical pole in aluminium (top Ø 90 mm)
- Sets with one or two luminaires, single or double, rear bracket and wall mounted in different lengths and several pole heights



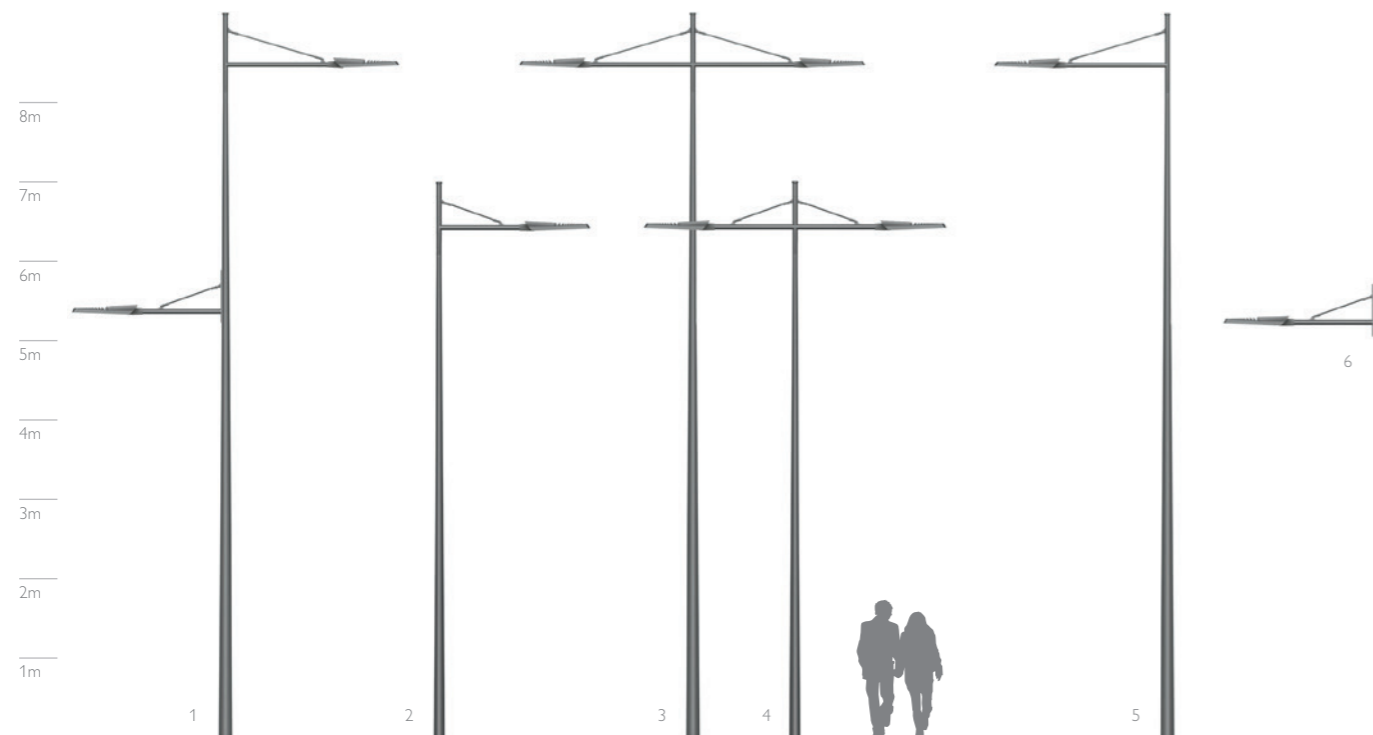
Measurements in mm

See page 218 for technical specifications Luma

See page 256 for technical specifications Caravelle low

### Complete sets:

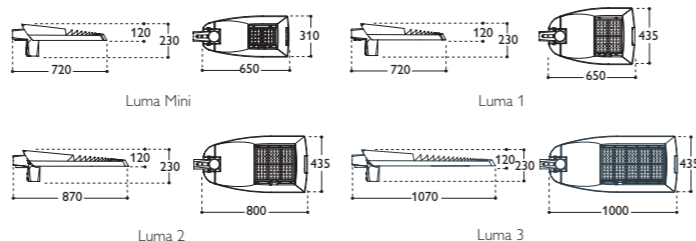
1. Luma 2 + Caravelle low L1400 bracket + Aloa/Accante pole + Luma Mini + Caravelle low L1000 rear bracket
- 2-4. Luma 1 + Caravelle low L1000 bracket + Aloa/Accante pole
- 3-5. Luma 2 + Caravelle low L1400 bracket + Aloa/Accante pole
6. Luma 1 + Caravelle low L1000 wall bracket





# Luma + Spline

- Standard extruded aluminium bracket
- Compatible with Accante conical pole in steel (top Ø 60, 62 or 89 mm) or Aloa conical pole in aluminium (top Ø 90 mm)
- Sets with one or two luminaires, single or double, rear bracket and wall mounted in different lengths and several pole heights

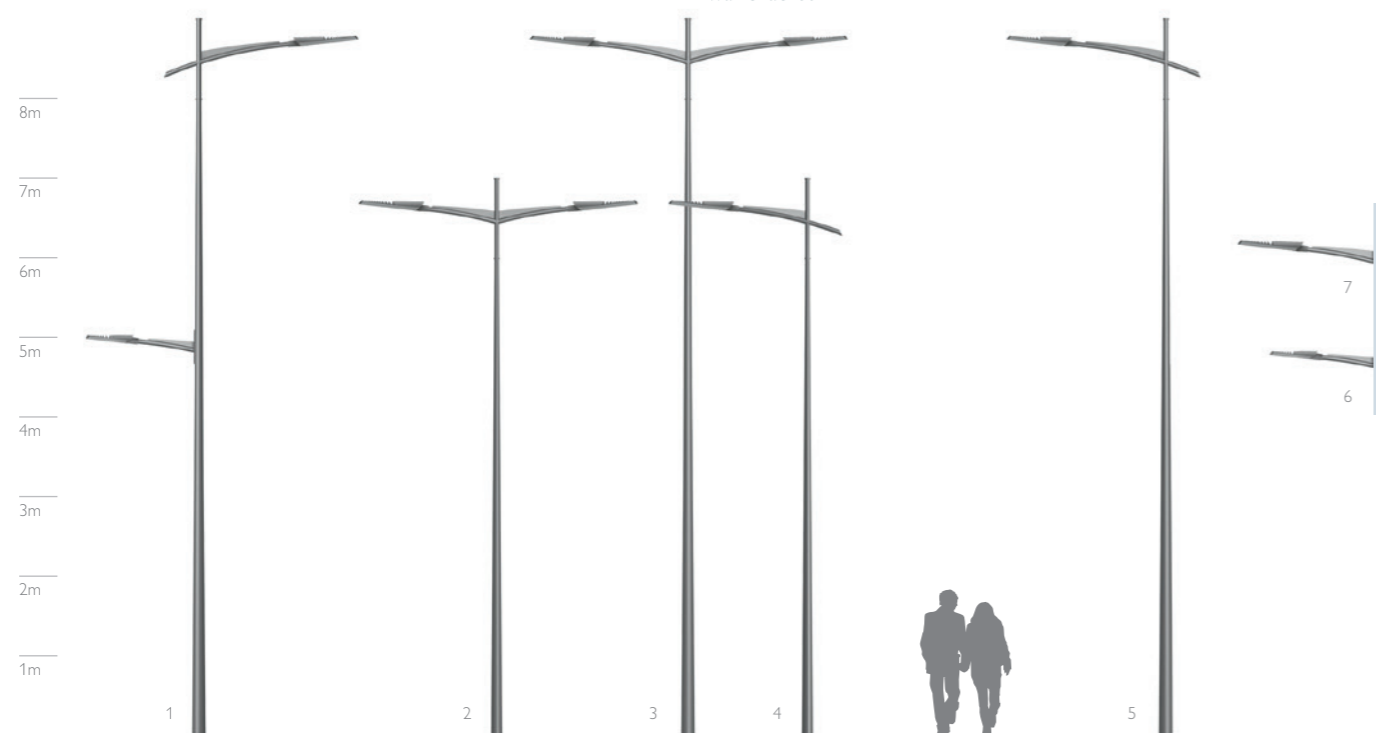


Measurements in mm

See page 218 for technical specifications Luma  
See page 262 for technical specifications Spline bracket

### Complete sets:

1. Luma 2 + Spline L1645 bracket + Aloa/Accante pole + Luma Mini + Spline L1485 rear bracket
- 2-4. Luma 1 + Spline L1485 bracket + Aloa/Accante pole.
- 3-5. Luma 2 + Spline L1645 bracket + Aloa/Accante pole
6. Luma Mini + Spline L1485 wall bracket
7. Luma 2 + Spline L1645 wall bracket





# SpeedStar

The introduction of SpeedStar marked the beginning of a new era for LED functional road lighting. For the first time LED luminaires covered applications ranging from residential streets and urban traffic routes with SpeedStar Medium to provincial roads and motorways with SpeedStar Large, replacing existing conventional lighting sources. With SpeedStar, the city of tomorrow is becoming a reality; being lit with better-quality light that is directed at the road, consuming much less energy and featuring smarter lighting level control options.

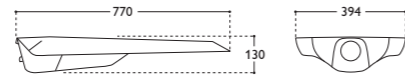


SpeedStar + Step

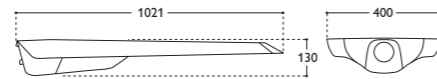


# SpeedStar + Step

- Standard extruded aluminium bracket
- Compatible with Accante conical pole in steel (top Ø 60, 62 or 89 mm) or Aloa conical pole in aluminium (top Ø 90 mm)
- Sets with one or two luminaires, single or double, rear bracket and wall mounted in different lengths and several pole heights



SpeedStar Medium



SpeedStar Large

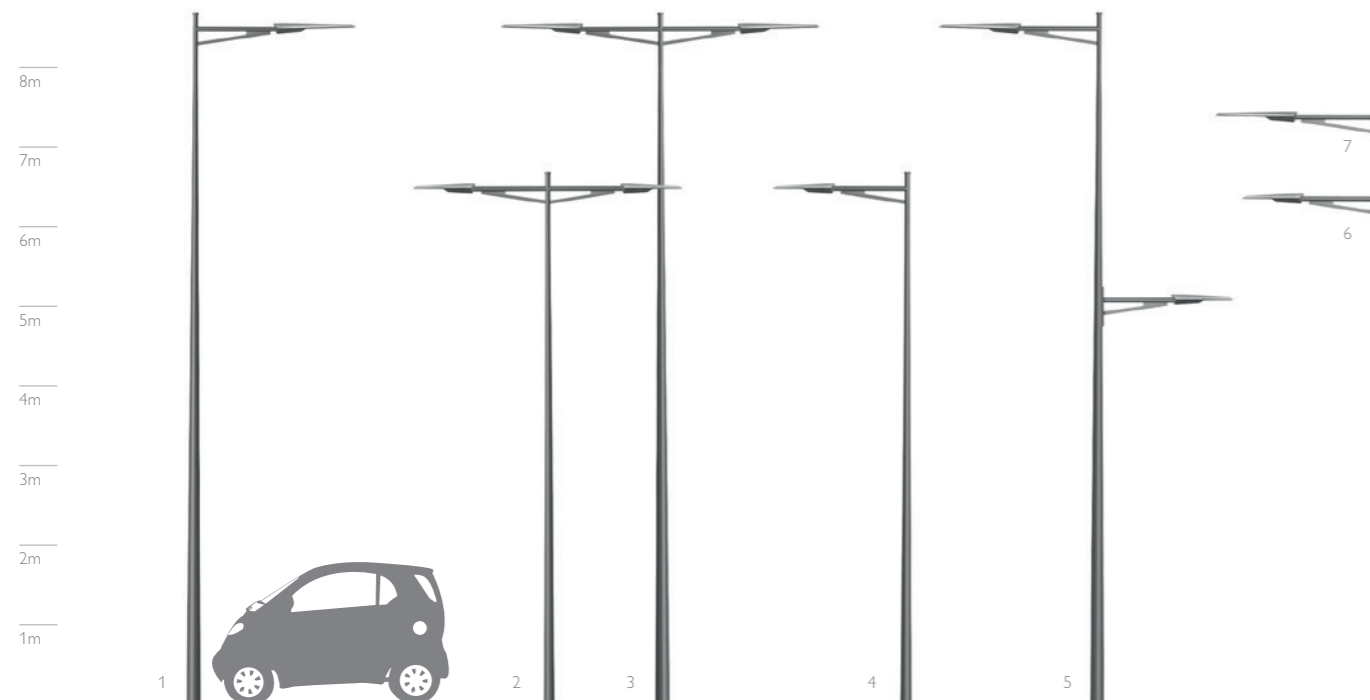
Measurements in mm

See page 235 for technical specifications SpeedStar  
See page 262 for technical specifications Step bracket

## Complete sets:

- 1-3. SpeedStar Large + Step L1080 bracket + Aloa/Accante pole
- 2-4. SpeedStar Medium + Step L980 bracket + Aloa/Accante pole
5. SpeedStar Large + Step L1080 bracket + Aloa/Accante pole +

6. SpeedStar Medium + Step L980 rear bracket
7. SpeedStar Large + Step L1080 wall bracket





# Iridium<sup>2</sup> LED

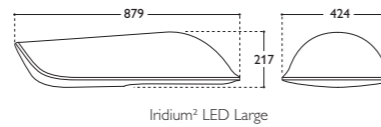
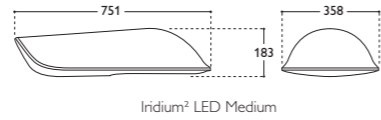
Iridium<sup>2</sup> LED is a family of road lighting luminaires designed for performance and sustainability. Iridium<sup>2</sup> LED is available in a medium and large version. Whatever the initial choice, Iridium<sup>2</sup> LED's modularity allows customers to upgrade their installations whenever they want, simply by changing the light engine. All these features, combined ease of installation and maintenance, ensure that customers enjoy low Total Cost of Ownership.





# Iridium<sup>2</sup> LED + UrbanWave

- Standard extruded aluminium bracket
- Compatible with Accante conical pole in steel (top Ø 60 or 62 mm)
- Sets with one or two luminaires, single, double or rear bracket and wall mounted in different lengths and several pole heights



Measurements in mm

See page 214 for technical specifications Iridium<sup>2</sup> LED

See page 263 for technical specifications UrbanWave bracket

### Complete sets:

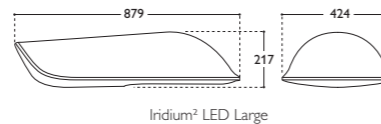
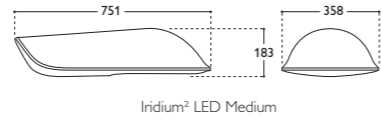
- 1-3. Iridium<sup>2</sup> LED Large + UrbanWave L750 bracket + Accante pole
- 2-4-6. Iridium<sup>2</sup> LED Large + UrbanWave L1200 bracket + Accante pole
- 5. Iridium<sup>2</sup> LED Large + UrbanWave L1200 bracket + Accante pole + UrbanWave L750 rear bracket
- 7. Iridium<sup>2</sup> LED Medium + UrbanWave L750 wall bracket





# Iridium<sup>2</sup> LED + Sao Paulo

- Standard extruded steel bracket
- Compatible with Accante conical pole in steel (top Ø 60 or 62 mm)
- Sets with one or two luminaires, single or double bracket and wall mounted in different lengths and several pole heights



Measurements in mm

See page 214 for technical specifications Iridium<sup>2</sup> LED

See page 261 for technical specifications Sao Paulo bracket

### Complete sets:

1-2-5. Iridium<sup>2</sup> LED Large + Sao Paulo L1660 bracket + Accante pole

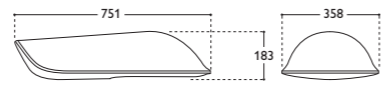
3-4. Iridium<sup>2</sup> LED Medium + Sao Paulo L1400 bracket + Accante pole



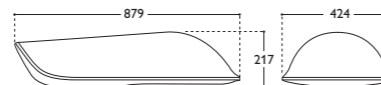


# Iridium<sup>2</sup> LED + Phi

- Standard extruded steel bracket family on a steel top Ø 60 mm
- Compatible with Accante conical pole in steel (top Ø 60 or 62 mm)
- Complete set with one or two luminaires, single or double bracket in different lengths



Iridium<sup>2</sup> LED Medium



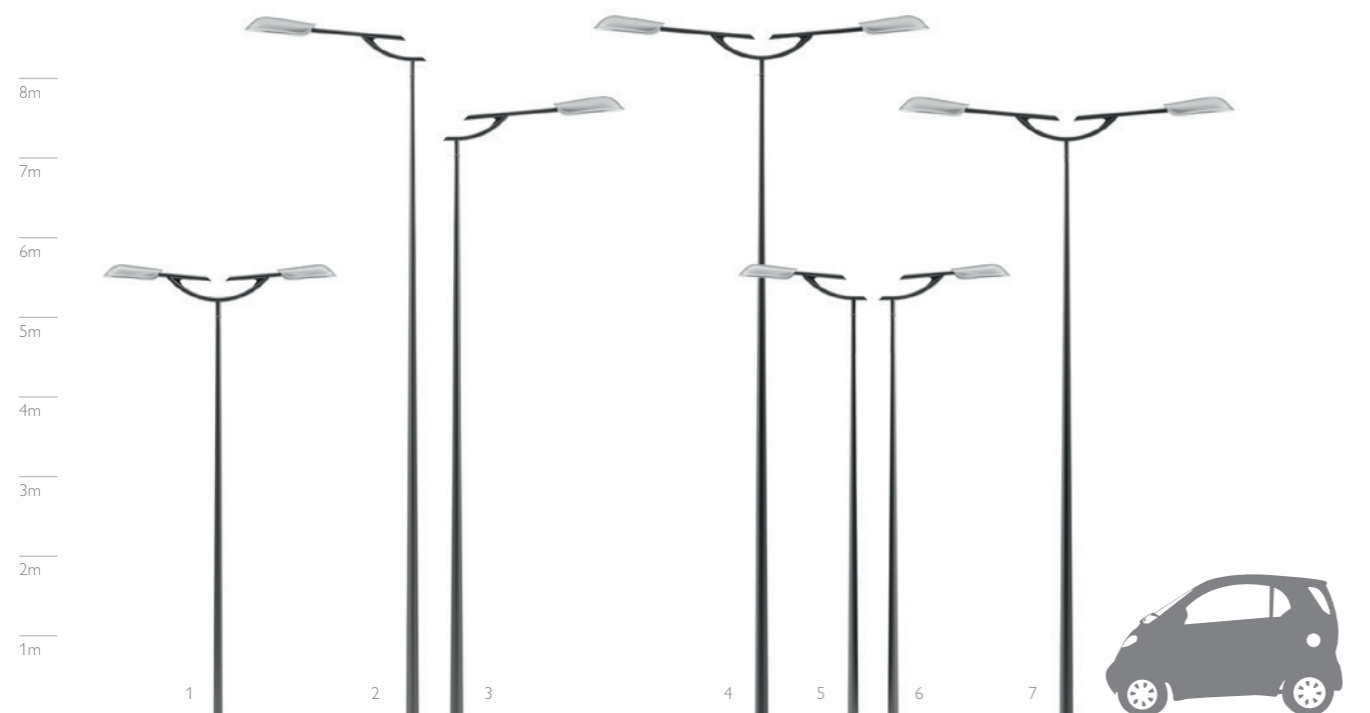
Iridium<sup>2</sup> LED Large

Measurements in mm

See page 214 for technical specifications Iridium<sup>2</sup> LED  
See page 260 for technical specifications Phi bracket

### Complete sets:

- 1-5-6. Iridium<sup>2</sup> LED Medium + Phi L850 bracket + Accante pole
- 2-3-4-7. Iridium<sup>2</sup> LED Large + Phi L1330 bracket + Accante pole





# Luminaires

In the technical appendix we publish the most relevant technical specifications of the luminaires. If you need more technical specifications we recommend you to visit the product catalogue in our website [www.lighting.philips.com](http://www.lighting.philips.com).

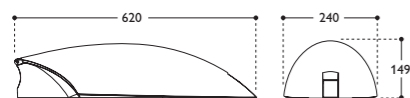




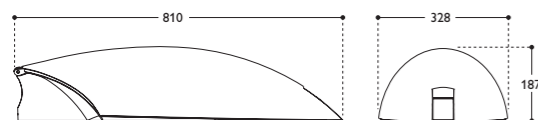
# Airtrace

## Technical specifications

Measurements in mm



Airtrace 1



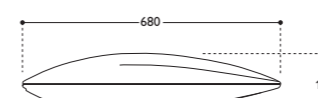
Airtrace 2

<b>Type</b>	Airtrace 1 Airtrace 2
<b>IP rate</b>	IP66
<b>IK rate</b>	IK09
<b>Light source</b>	Airtrace 1: MASTER PL-T / GX24q-3 or 4 / 26, 32, 42, 57 W SON-T / E27 / 50-70 W / 70, 50 W MASTER CityWhite CDO-TT / E40 / 50, 70 W MASTERCouleur CDM-T / G12 / 35, 70, 150 W MASTER CosmoWhite CPO-TW / PGZ12 / 45, 60, 90, 140 W  Airtrace 2: SON-T / E40 / 100, 150, 250 W MASTER CityWhite CDO-TT / E40 / 100, 150, 250 W MASTERCouleur CDM-T / G12 / 35, 70, 150 W MASTER CosmoWhite CPO-TW / PGZ12 / 90, 140 W
<b>Colour temperature</b>	Depending on lamp choice colour 628, 728, 830, 840
<b>Dimming</b>	DALI / Dynadim / LumiStep / SDU
<b>Optics</b>	iReflec100 iReflec300 (only Airtrace 2) ExaCT Performer (only Airtrace 1) ExaCT Comfort (only Airtrace 1)
<b>Material</b>	Housing and spigot high pressure die-cast aluminium Flat glas (FG) or curved toughened glass (CG) Gasket high temperature resistant silicone Closing clip extruded anodised aluminium Optic high purity anodised aluminium reflector Gear tray thermoplastic or metal
<b>Colour</b>	Pyrite grey upper canopy and Horn blue lower frame Horn blue upper canopy and Pyrite grey lower frame Other RAL or Akzo Nobel Futura colours available on request
<b>Installation</b>	Post-top Ø 60 and 76 mm Side-entry Ø 32-60 mm
<b>Weight</b>	From 5.45 kg to 13.5 kg
<b>SCx</b>	Airtrace 1 FG: 0.071 m <sup>2</sup> Airtrace 1 CG: 0.083 m <sup>2</sup> Airtrace 2 FG: 0.118 m <sup>2</sup> Airtrace 2 CG: 0.130 m <sup>2</sup>

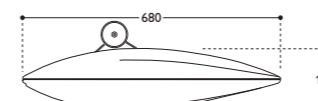
# Alliance LED

## Technical specifications

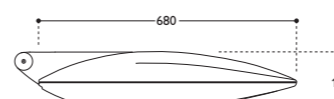
Measurements in mm



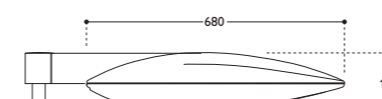
Alliance 1 LED  
+ D mounting system



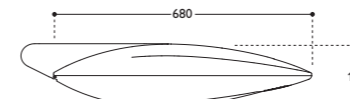
Alliance 1 LED  
+ SA mounting system



Alliance 1 LED  
+ LAS mounting system



Alliance 1 LED  
+ TF mounting system



Alliance 1 LED  
+ LFT mounting system

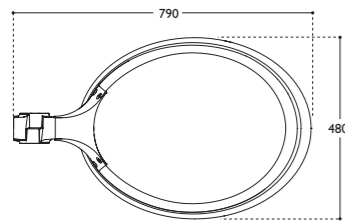
<b>Type</b>	Alliance 1 LED
<b>IP</b>	IP66
<b>IK</b>	IK06
<b>Light source</b>	Build-in LED module
<b>Power</b>	From 28 W to 52 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	From 2,400 lumen to 4,200 lumen
<b>Maintenance of lumen output</b>	93,000 hours at L80F10 for 350 mA 70,000 hours at L80F10 for 500 mA 47,000 hours at L80F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium 0,05% per 1000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard and Wide optic
<b>Optical element</b>	Micro lens-optic for Road
<b>Material</b>	Housing die-cast aluminium, non corrosive PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Gris 900 Sablé Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	D mounting system prepared for direct mounting on dedicated West, Patio, Boston, Galéo, Dialog & Impact brackets SA mounting system for top mounting, tilt in 5° steps, max angle -10°/+10° LAS mounting system for upper articulated side mounting, tilt in 5° steps, max angle -10°/+10° LAI mounting system for lower articulated side mounting, tilt in 5° steps, max angle -10°/+10° Post-top Ø 60 mm, Alliance LFT & TF Side-entry Ø 60 mm Alliance LFT Side-entry Ø 49 mm Alliance LFT
<b>Weight</b>	Max 9.5 kg
<b>SCx</b>	0.08 m <sup>2</sup>



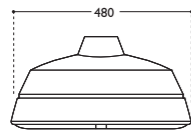
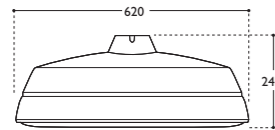
# CitySoul LED

## Technical specifications

Measurements in mm



CitySoul LED  
+ MBA mounting system



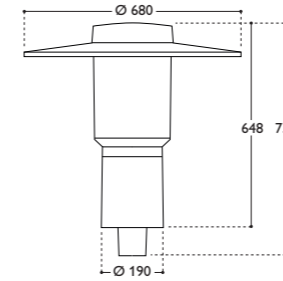
CitySoul LED  
+ Suspended mounting system

<b>Type</b>	CitySoul LED CitySoul LED suspended
<b>IP rate</b>	IP66
<b>IK rate</b>	IK08
<b>Light source</b>	LEDGINE
<b>Power</b>	CitySoul LED: GRN from 16 W to 78 W / ECO from 20 W to 97 W CitySoul LED suspended: GRN from 46 W to 150 W / ECO from 71 W to 246 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	84 (WW) 76 (NW)
<b>System lumens</b>	CitySoul LED: GRN from 1,492 lumen to 8,165 lumen / ECO from 1,809 lumen to 13,319 lumen CitySoul LED suspended: GRN from 4,340 lumen to 15,837 lumen / ECO from 5,926 lumen to 23,111 lumen
<b>Maintenance of lumen output</b>	GRN: 100,000 hours at L80F10 ECO: 70,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium
<b>Dimming</b>	1-10V / DALI / Dynadim / SDU / LumiStep / StarSense RF
<b>Optics</b>	Medium (DM), Wide (DW), Comfort (DC), Road Wet (DK), Narrow (DN), Asymmetric (A), Symmetrical (S), Pedestrian crossing (DP-L & DP-R), Wide Residential (DRW - not available in suspended version)
<b>Material</b>	Housing high pressure die-cast aluminium Frame, spigot and top cover aluminium Glass reinforced polypropylene Internal heat sink high-pressure extrusion aluminium, non-corrosive
<b>Colour</b>	Cover Philips Ultra Dark Grey Frame Philips Silver Grey Other RAL and Akzo Nobel Futura colours available on request
<b>Installation</b>	Post-top Ø 60 and 76 mm Side-entry Ø 42-60 mm MBA mounting system Suspended mounting
<b>Weight</b>	CitySoul LED: 12.6 kg CitySoul LED suspended: 17.2 kg
<b>SCx</b>	CitySoul LED: 0.049 m <sup>2</sup> CitySoul LED suspended: 0.063 m <sup>2</sup>

# CitySpirit LED Classic

## Technical specifications

Measurements in mm



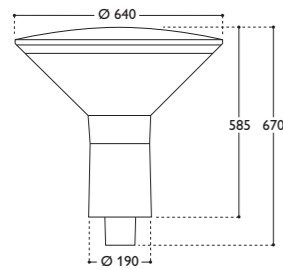
<b>Type</b>	CitySpirit LED Classic
<b>IP rate</b>	IP65
<b>IK rate</b>	IK09
<b>Light source</b>	Build-in LED module
<b>Power</b>	30 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 70 (NW)
<b>System lumens</b>	Up to 1,500 lumen
<b>Maintenance of lumen output</b>	50,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium
<b>Dimming</b>	1-10V / DALI / Dynadim / LumiStep
<b>Optics</b>	Indirect, Indirect Asymmetrical, Indirect Bi-directional, Indirect Symmetrical
<b>Optical element</b>	Top reflector; Indirect (T IO) Top reflector; Indirect Asymmetrical (TA IO) Top reflector; Indirect Bi-directional (TB-LED IO) Top reflector; Indirect Symmetrical (TS IO)
<b>Material</b>	Housing and spigot high-pressure die-cast aluminium, non corrosive Bowl and skirt polycarbonate, translucent UV-stabilised Top cover aluminium Reflectors anodised aluminium, brightened 99.99%
<b>Colour</b>	Philips Ultra Dark Grey (10714) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 60 and 76 mm
<b>Weight</b>	10 kg
<b>SCx</b>	0.093 m <sup>2</sup>



# CitySpirit LED Cone

## Technical specifications

Measurements in mm

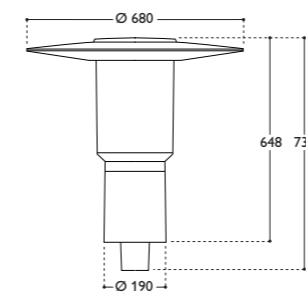


<b>Type</b>	CitySpirit LED Cone
<b>IP rate</b>	IP65
<b>IK rate</b>	IK09
<b>Light source</b>	Build-in LED module
<b>Power</b>	30 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 70 (NW)
<b>System lumens</b>	Up to 1,500 lumen
<b>Maintenance of lumen output</b>	50,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium
<b>Dimming</b>	1-10 V / DALI / Dynadim / LumiStep
<b>Optics</b>	Indirect, Indirect Asymmetrical, Indirect Bi-directional, Indirect Symmetrical
<b>Optical element</b>	Top reflector; Indirect (T IO) Top reflector; Indirect Asymmetrical (TA IO) Top reflector; Indirect Bi-directional (TB-LED IO) Top reflector; Indirect Symmetrical (TS IO)
<b>Material</b>	Housing and spigot high-pressure die-cast aluminium, non corrosive Bowl and skirt polycarbonate, translucent UV-stabilised Top cover aluminium Reflectors anodised aluminium, brightened 99.99%
<b>Colour</b>	Philips Ultra Dark Grey (10714) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 60 and 76 mm
<b>Weight</b>	10.5 kg
<b>SCx</b>	0.091 m <sup>2</sup>

# CitySpirit LED Modern

## Technical specifications

Measurements in mm



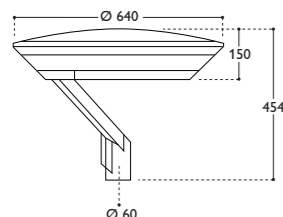
<b>Type</b>	CitySpirit LED Modern
<b>IP rate</b>	IP65
<b>IK rate</b>	IK09
<b>Light source</b>	Build-in LED module
<b>Power</b>	30 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 70 (NW)
<b>System lumens</b>	Up to 1,500 lumen
<b>Maintenance of lumen output</b>	50,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium
<b>Dimming</b>	1-10 V / DALI / Dynadim / LumiStep
<b>Optics</b>	Indirect, Indirect Asymmetrical, Indirect Bi-directional, Indirect Symmetrical
<b>Optical element</b>	Top reflector; Indirect (T IO) Top reflector; Indirect Asymmetrical (TA IO) Top reflector; Indirect Bi-directional (TB-LED IO) Top reflector; Indirect Symmetrical (TS IO)
<b>Material</b>	Housing and spigot high-pressure die-cast aluminium, non corrosive Bowl and skirt polycarbonate, translucent UV-stabilised Top cover aluminium Reflectors anodised aluminium, brightened 99.99%
<b>Colour</b>	Philips Ultra Dark Grey (10714) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 60 and 76 mm
<b>Weight</b>	10 kg
<b>SCx</b>	0.09 m <sup>2</sup>



# CitySpirit LED Street

## Technical specifications

Measurements in mm

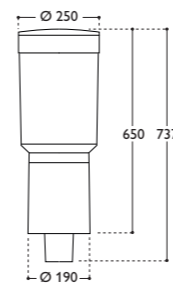


<b>Type</b>	CitySpirit LED Street
<b>IP rate</b>	IP65
<b>IK rate</b>	IK09
<b>Light source</b>	LEDGINE
<b>Power</b>	GRN: from 16 to 75 W ECO: from 20 W to 110 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	84 (WW) 76 (NW)
<b>System lumens</b>	GRN: from 1,215 lumen to 6,449 lumen ECO: from 1,470 lumen to 9,494 lumen
<b>Maintenance of lumen output</b>	GRN: 100,000 hours at L80F10 ECO: 70,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU / LumiStep
<b>Optics</b>	Medium (DM), Wide (DW), Comfort (DC), Road Wet (DK), Narrow (DN), Asymmetrical (A), Symmetrical (S), Pedestrian crossing optic (DP-L & DP-R) and Wide Residential (DRW)
<b>Material</b>	Housing and spigot high-pressure die-cast aluminium, non corrosive Flatt glass Internal heatsink extruded aluminium
<b>Colour</b>	Philips Ultra Dark Grey (10714) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 60 and 76 mm
<b>Weight</b>	13.4 kg
<b>SCx</b>	0.055 m <sup>2</sup>

# CitySpirit LED Torch

## Technical specifications

Measurements in mm



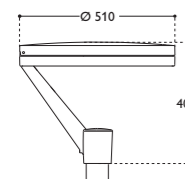
<b>Type</b>	CitySpirit LED Torch
<b>IP rate</b>	IP65
<b>IK rate</b>	IK09
<b>Light source</b>	Build-in LED module
<b>Power</b>	30 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 70 (NW)
<b>System lumens</b>	Up to 1,500 lumen
<b>Maintenance of lumen output</b>	50,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium
<b>Dimming</b>	1-10 V / DALI / Dynadim / LumiStep
<b>Optics</b>	Indirect, Indirect Asymmetrical, Indirect Bi-directional, Indirect Symmetrical
<b>Optical element</b>	Top reflector; Indirect (T IO) Top reflector; Indirect Asymmetrical (TA IO) Top reflector; Indirect Bi-directional (TB-LED IO) Top reflector; Indirect Symmetrical (TS IO)
<b>Material</b>	Housing and spigot high-pressure die-cast aluminium, non corrosive Bowl and skirt polycarbonate, translucent UV-stabilised Top cover aluminium Reflectors anodised aluminium, brightened 99.99%
<b>Colour</b>	Philips Ultra Dark Grey (10714) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 60 and 76 mm
<b>Weight</b>	7.5 kg
<b>SCx</b>	0.086 m <sup>2</sup>



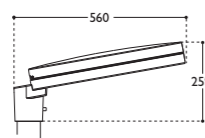
# Disq LED

## Technical specifications

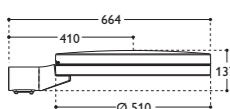
Measurements in mm



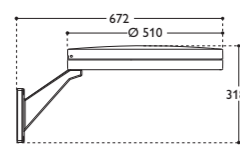
Disq LED post-top 0°



Disq LED post-top 10°



Disq LED side-entry



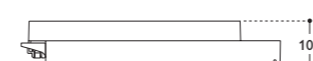
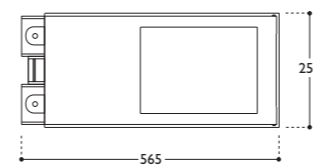
Disq LED wall

<b>Type</b>	Disq LED 40/45 (post-top 0°) Disq LED 41 (wall mounting) Disq LED 42/47 (side-entry) Disq LED 44/49 (Post-top 10°)
<b>IP rate</b>	IP65 / IP66 (LED module)
<b>IK rate</b>	IK08
<b>Light source</b>	Build-in LED module
<b>Power</b>	From 9 W to 113 W
<b>Colour temperature</b>	4000K (NW)
<b>Colour rendering index</b>	65 (NW)
<b>System lumens</b>	From 900 lumen to 9,750 lumen
<b>Maintenance of lumen output</b>	95,000 hours at L80F10 for 250 / 350 mA 70,000 hours at L80F10 for 500 mA 50,000 hours at L77F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1,000 hours for Philips Xitanium 0,05% per 1,000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard, Wide, ME 5/6 and Pedestrian crossing optic
<b>Optical element</b>	Micro lens-optic for Road or Area distribution
<b>Material</b>	Housing high-pressure die-cast aluminium LM6 quality, non corrosive PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Gris 900 Sablé Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 76 mm Post-top Ø 60 mm, incl adapter Side-entry Ø 60 mm Wall mounting
<b>Weight</b>	From 7 kg to 7.5 kg
<b>SCx</b>	Disq LED 40/45: 0.065 m² Disq LED 41/44/49: 0.055 m² Disq LED 42/47: 0.054 m²

# Element ExaCT

## Technical specifications

Measurements in mm



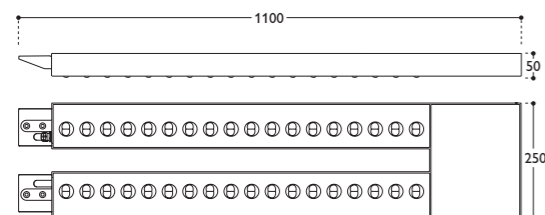
<b>Type</b>	Element ExaCT
<b>IP rate</b>	IP66
<b>IK rate</b>	IK10
<b>Light source</b>	HID MASTER CosmoWhite CPO-TT / PGZ12 / 45, 60, 90, 140 W MASTERColour CDM-T / G12 / 35, 70, 150 W
<b>Colour temperature</b>	Depending on lamp choice 830, 840
<b>Dimming</b>	DALI / Dynadim / SDU
<b>Optics</b>	ExaCT Comfort & ExaCT Performer optic
<b>Material</b>	Housing cast aluminium, non corrosive ExaCT Performer & Comfort anodised stamped aluminium Bowl toughened flat glass
<b>Colour</b>	Akzo Nobel Futura Silver (pole) Akzo Nobel Futura Platine (bracket & luminaire) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Dedicated side mounting to Element AMC and RBC brackets Dedicated side mounting to Element Rectangle pole, RBR bracket and AM wall mounted bracket
<b>Weight</b>	8 kg
<b>SCx</b>	0.06 m²



# Element LED

## Technical specifications

Measurements in mm

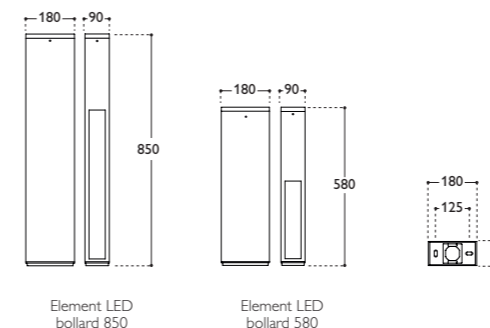


<b>Type</b>	Element LED
<b>IP rate</b>	IP66
<b>IK rate</b>	IK06
<b>Light source</b>	Integral LED module
<b>Power</b>	From 41 W to 88 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	From 4,320 lumen to 7,350 lumen
<b>Maintenance of lumen output</b>	97,000 hours at L80F10 for 350 mA 51,000 hours at L80F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium 0,05% per 1000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard and Wide optic
<b>Optical element</b>	Micro lens-optic
<b>Material</b>	Housing cast aluminium, non corrosive PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Silver (pole) Akzo Nobel Futura Platine (luminaire & bracket) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Dedicated side mounting to Element AMC and RBC brackets Dedicated side mounting to Element Rectangle pole, RBR bracket and AM wall mounted bracket
<b>Weight</b>	14 kg
<b>SCx</b>	0.06 m <sup>2</sup>

# Element LED bollard

## Technical specifications

Measurements in mm



Element LED bollard 850

Element LED bollard 580



Bi-directional distribution

Uni-directional distribution

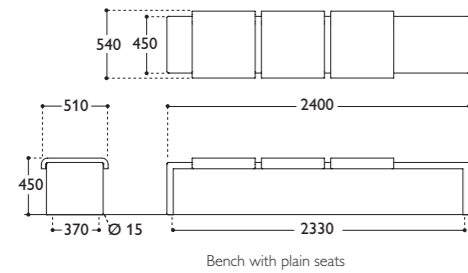
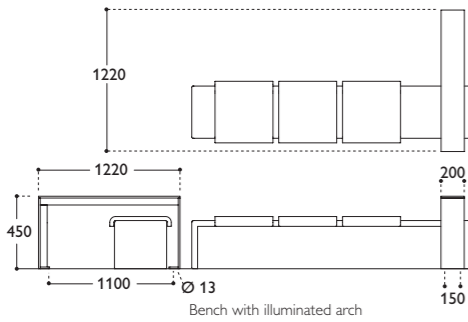
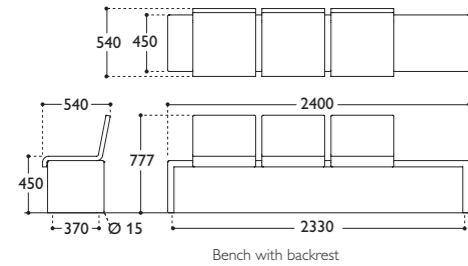
<b>Type</b>	Element LED bollard 580 (uni-directional distribution) Element LED bollard 580 (bi-directional distribution) Element LED bollard 850 (uni-directional distribution) Element LED bollard 850 (bi-directional distribution)
<b>IP rate</b>	IP66
<b>IK rate</b>	IK06
<b>Light source</b>	Integral LED module
<b>Power</b>	From 7 W to 31 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	From 420 lumen to 2,160 lumen
<b>Maintenance of lumen output</b>	95,000 hours at L80F10 for 350 mA 51,000 hours at L80F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium 0,05% per 1000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim
<b>Optics</b>	Directa
<b>Optical element</b>	Micro lens-optic
<b>Material</b>	Housing extruded aluminium Canopy and base plate cast aluminium Opal (satin finish) polycarbonate optical diffuser
<b>Colour</b>	Akzo Nobel Futura Platine Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Base plate
<b>Weight</b>	580 mm: 10 kg 850 mm: 15 kg



# Element street furniture

## Technical specifications

Measurements in mm

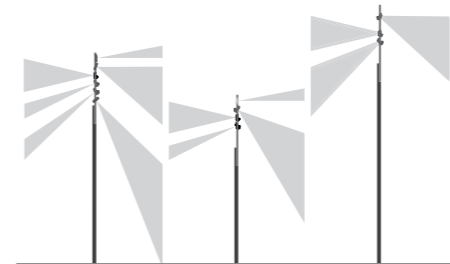
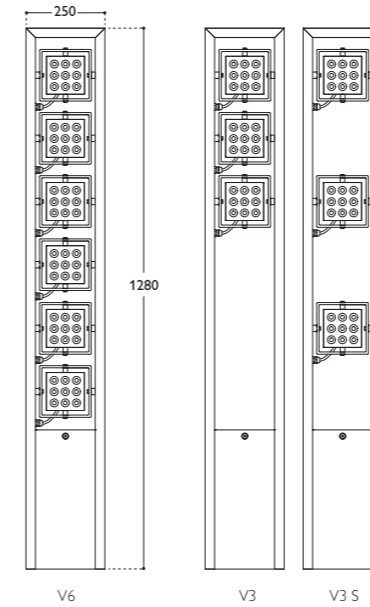


<b>Dimensions</b>	Bench with back rest: L 2400 mm - W 540 mm H 777 mm - Seat height 450 mm Bench with plain seats: L 2400 mm - W 510 mm - Seat height 450 mm Bench with illuminated arch: L 1220 mm - W 200 mm - H 625 mm
<b>Weight</b>	Steel base: 75 kg Wooden plain seat: 6.5 kg Wooden back rest: 9 kg Concrete plain seat: 25 kg Concrete back rest: 34 kg Illuminated arch: 80 kg
<b>Materials and finish</b>	Base and illuminated arch: Sand-blasted, metallised and powder coated steel. Platinum, RAL or Akzo Nobel Futura colours available on request  Seats: Polymer concrete (bleached stone) or tropical wood with protective clear varnish
<b>Light</b>	LED: 10 modules of 2 LED 230V / 12V - 1.5A Class II - IP 67 - Cool White Options: Other colours: Neutral White, Warm White or blue
<b>Installation</b>	Bench: 4 holes Ø 15 mm (bolts not supplied). Installation in massive concrete Illuminated arch: 4 holes Ø 13 mm (bolts not supplied). Installation in massive concrete
<b>Delivery</b>	Seats are delivered separately (bolts supplied) Depending on your project you can fix the position of the back rest seats in one or two directions

# Element Structure LED

## Technical specifications

Measurements in mm



Examples of light distribution

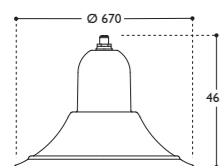
<b>Type</b>	Element Structure LED (V3 S LED module) Element Structure LED (V3 LED module) Element Structure LED (V4 LED module) Element Structure LED (V5 LED module) Element Structure LED (V6 LED module)
<b>IP rate</b>	IP66
<b>IK rate</b>	IK06
<b>Light source</b>	Integral LED module
<b>Power</b>	From 31 W (V3) to 122 W (V6)
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	From 3,250 lumen (V3) to 11,600 lumen (V6)
<b>Maintenance of lumen output</b>	94,000 hours at L80F10 for 350 mA 48,000 hours at L80F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium 0,05% per 1000 hours for non-Philips driver
<b>Dimming</b>	1-10V / DALI / Dynadim
<b>Optics</b>	Directa Beam 14°, 25°, 40° & 17°x34°
<b>Optical element</b>	Micro lens-optic
<b>Material</b>	Housing cast aluminium, non corrosive Frame extruded aluminium PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Silver (structure) Akzo Nobel Futura Platine (frame & LED module) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Dedicated aluminium rectangular structure
<b>Weight</b>	0.6 kg per LED module, excluding frame



# Élysée LED

## Technical specifications

Measurements in mm



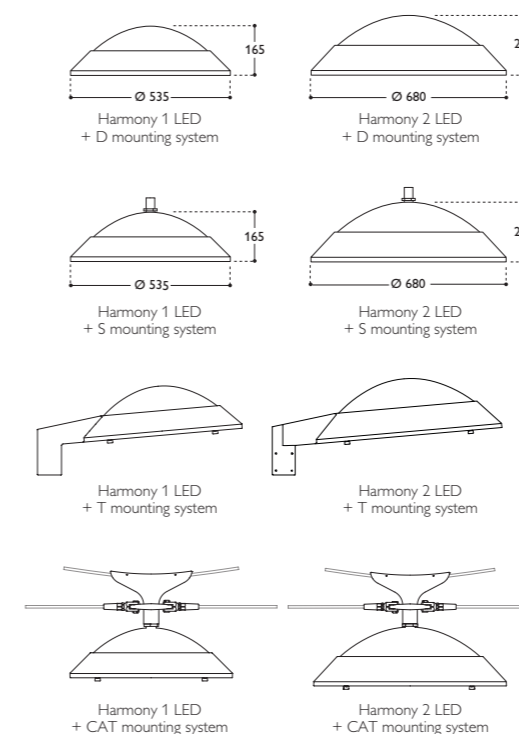
Élysée 650 LED

<b>Type</b>	Elysée 650 LED
<b>IP rate</b>	IP65
<b>IK rate</b>	IK06
<b>Light source</b>	Build-in LED module
<b>Power</b>	From 31 W to 115 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	From 3,350 lumen to 10,450 lumen
<b>Maintenance of lumen output</b>	95,000 hours at L80F10 for 350 mA 65,000 hours at L80F10 for 500 mA 50,000 hours at L80F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium 0,05% per 1000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard and Wide optic
<b>Optical element</b>	Micro lens-optic for Road and Area distribution
<b>Material</b>	Housing spun aluminium PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Gris 900 Sablé Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Suspended mounting 34 pdg
<b>Weight</b>	12.5 kg
<b>SCx</b>	0.952 m <sup>2</sup>

# Harmony LED

## Technical specifications

Measurements in mm



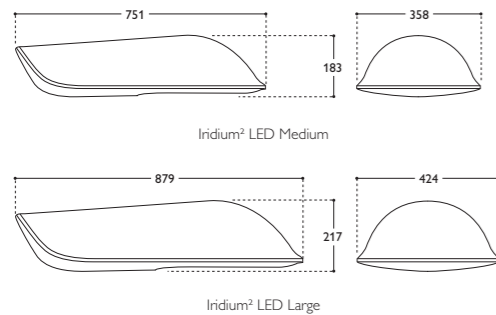
<b>Type</b>	Harmony 1 LED Harmony 2 LED
<b>IP rate</b>	IP66
<b>IK rate</b>	IK06 IK09 (flat glass) IK10 (polycarbonate bowl)
<b>Light source</b>	Build-in LED module
<b>Power</b>	From 31 W to 115 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	From 3,350 lumen to 10,450 lumen
<b>Maintenance of lumen output</b>	95,000 hours at L80F10 for 250 / 350 mA 70,000 hours at L80F10 for 500 mA 50,000 hours at L80F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium 0,05% per 1000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard and Wide optic
<b>Optical element</b>	Micro lens-optic for Road and Area distribution
<b>Material</b>	Housing die-cast aluminium, non corrosive Clear polycarbonate bowl Flat glass PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Gris 150 Sablé Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	D mounting system for direct mounting on dedicated Avenue, Oxford, Sydney and Constance brackets T mounting system for post-top cap Ø 60/62 mm L mounting system for rear bracket LA mounting system for articulated rear bracket, tilt in 5° steps, max. angle -10° / +10° S mounting system for suspended mounting SA mounting system for articulated suspended mounting, tilt in 5° steps, max. angle -10° / +10° Catenary mounting Lyre mounting for post-top Ø 60 mm
<b>Weight</b>	Harmony 1 LED: max. 15 kg Harmony 2 LED: max. 21.5 kg (except Harmony 2 LED T: 43 kg)
<b>SCx</b>	Harmony 1 LED: 0.07 m <sup>2</sup> Harmony 2 LED: 0.09 m <sup>2</sup> (except Harmony 2 LED: 0.18 m <sup>2</sup> )



# Iridium<sup>2</sup> LED

## Technical specifications

Measurements in mm

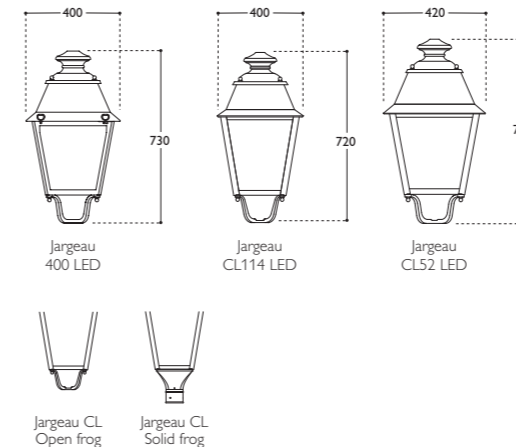


<b>Type</b>	Iridium <sup>2</sup> LED Medium Iridium <sup>2</sup> LED Large
<b>IP rate</b>	IP66
<b>IK rate</b>	IK08
<b>Light source</b>	LEDGINE 2.0 module
<b>Power</b>	GRN: from 16 W to 139 W ECO: from 20 W to max 219 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW) 5700K (CW)
<b>Colour rendering index</b>	≥ 84 (WW) ≥ 76 (NW) ≥ 68 (CW)
<b>System lumens</b>	Medium: from 1,393 lumen to 13,474 lumen Large: from 6,056 lumen to 23,441 lumen
<b>Maintenance of lumen output</b>	GRN: 100,000 hours at L80F10 ECO: 70,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1,000 hours for Philips Xitanium
<b>Dimming</b>	1-10V / DALI / Dynadim / SDU / LumiStep / StarSense RF / Mains dimming
<b>Optics</b>	Road Medium (DM), Road Narrow (DN), Road Wide (DW), Road Comfort (DC), Road Wet (DK), Asymmetric (A) and Pedestrian crossing (DP-L & DP-R)
<b>Optical element</b>	Flat glass
<b>Material</b>	Housing high-pressure die-cast aluminium Cover extra white toughened glass, 6 mm thick
<b>Colour</b>	RAL 7035 or Philips Satin Silver Grey (close to RAL 9006) Other RAL or Akzo Nobel Futura colours available on request
<b>Installation</b>	Post-top Ø 60 and 76 mm Side-entry Ø 48 and 60 mm
<b>Weight</b>	Medium: 15 kg Large: 18 kg
<b>SCx</b>	Medium: 0.044 m <sup>2</sup> Large: 0.064 m <sup>2</sup>

# Jargeau LED

## Technical specifications

Measurements in mm



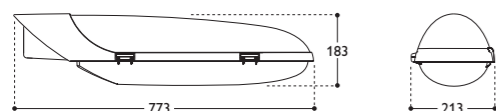
<b>Type</b>	Jargeau 400 LED Jargeau CL 114 LED Jargeau CL 52 LED
<b>IP rate</b>	IP44 / IP66 (LED module)
<b>IK rate</b>	Jargeau 400 LED: IK06 Jargeau CL LED: IK10 (PMMA bowl with sanded bottom)
<b>Light source</b>	Build-in LED module
<b>Power</b>	From 17 W to 82 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	From 2,300 lumen to 6,950 lumen
<b>Maintenance of lumen output</b>	95,000 hours at L80F10 for 250 / 350 mA 70,000 hours at L80F10 for 500 mA 50,000 hours at L77F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium 0,05% per 1000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard and Wide optic
<b>Optical element</b>	Micro lens-optic for Road and Area distribution
<b>Material</b>	Jargeau 400 LED: Housing gravity die-cast aluminium, non corrosive Jargeau CL LED: Housing stainless steel or copper Clear PPMA bowl with sanded bottom PMMA clear lenses
<b>Colour</b>	Jargeau 400 LED: Textured black Jargeau CL LED: Akzo Nobel Futura Black 100 Sablé Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Jargeau 400 LED: Post-top Ø 76 mm incl. adapter Post-top Ø 60 mm incl. adapter Suspended mounting using a brass threaded spigot Ø 34 pdg (1" G) or Ø 27 pdg (3/4" G) Top mounting for brass threaded spigot Ø 34 pdg (1" G) or Ø 27 pdg (3/4" G)  Jargeau CL LED: Top mounting star type for threaded spigot Ø 27 pdg (3/4" G) Suspended mounting using a threaded spigot in galvanised steel Ø 27 pdg (3/4" G) Open and Solid frog
<b>Weight</b>	Jargeau 400 LED: 18.5 kg Jargeau CL 114 LED: 13 kg (stainless steel) Jargeau CL 52 LED: 16 kg (stainless steel)
<b>SCx</b>	Jargeau 400 LED: 0.245 m <sup>2</sup> Jargeau CL 114 LED: 0.21 m <sup>2</sup> (stainless steel) Jargeau CL 52 LED: 0.25 m <sup>2</sup> (stainless steel)



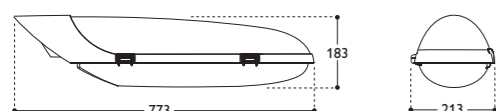
# Libra LED

## Technical specifications

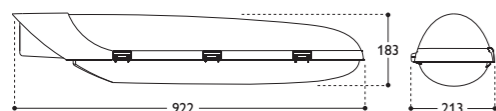
Measurements in mm



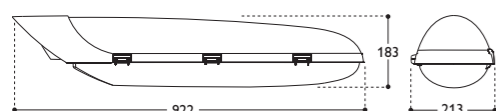
Libra 65 LED



Libra 66 LED



Libra 70 LED



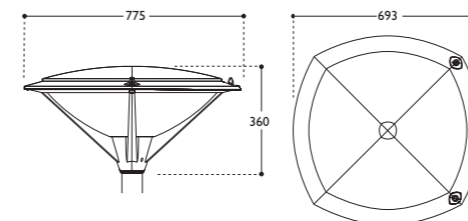
Libra 71 LED

<b>Type</b>	Libra LED 65 (post-top/side-entry, small version) Libra LED 66 (side-entry, small version) Libra LED 67 (post-top 0° tilt, small version) Libra LED 70 (post-top/side-entry, large version) Libra LED 71 (side-entry, large version) Libra LED 72 (post-top 0° tilt, large version)
<b>IP rate</b>	IP65
<b>IK rate</b>	IK08 (housing) IK09 (bowl)
<b>Light source</b>	Build-in LED module
<b>Power</b>	From 9 W to 113 W
<b>Colour temperature</b>	4000K (NW)
<b>Colour rendering index</b>	65
<b>System lumens</b>	From 1,050 lumen to 5,050 lumen
<b>Maintenance of lumen output</b>	95,000 hours at L80F10 for 250 / 350 mA 65,000 hours at L80F10 for 500 mA 50,000 hours at L77F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1,000 hours for Philips Xitanium 0,05% per 1,000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard, Wide, ME 5/6 and Pedestrian crossing optic
<b>Optical element</b>	Micro lens-optic for Road distribution
<b>Material</b>	Housing high-pressure die-cast aluminium Bowl impact resistant and UV stabilised clear polycarbonate PMMA clear lenses
<b>Colour</b>	RAL 9007 Other RAL colours on request
<b>Installation</b>	Post-top Ø 76 mm Post-top Ø 60 mm, incl adapter Side-entry Ø 60 mm
<b>Weight</b>	From 5.5 to 7 kg
<b>SCx</b>	Libra LED 65/66/67: 0.10 m <sup>2</sup> Libra LED 70/71/72: 0.13 m <sup>2</sup>

# Logo LED

## Technical specifications

Measurements in mm



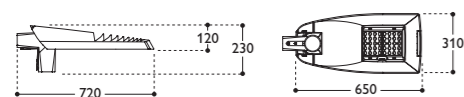
<b>Type</b>	Logo LED 48 (Road distribution) Logo LED 49 (Area distribution)
<b>IP rate</b>	IP65
<b>IK rate</b>	IK10
<b>Light source</b>	Build-in LED-module
<b>Power</b>	From 10 W to 60 W
<b>Colour temperature</b>	4000K (NW)
<b>Colour rendering index</b>	65
<b>System lumens</b>	From 900 lumen to 10,100 lumen
<b>Maintenance of lumen output</b>	95,000 hours at L80F10 for 250 / 350 mA 70,000 hours at L80F10 for 500 mA 50,000 hours at L77F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1,000 hours for Philips Xitanium 0,05% per 1,000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard, Wide, ME 5/6 and Pedestrian crossing optic
<b>Optical element</b>	Micro lens-optic for Road (Logo 48 LED) and Area (Logo 49 LED) distribution
<b>Material</b>	Housing high-pressure die-cast aluminium LM6 quality, non corrosive Bowl impact resistant and UV stabilised clear polycarbonate PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Gris 900 Sablé or RAL 9007 Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 76 mm Post-top Ø 60 mm, incl adapter
<b>Weight</b>	From 13 to 15 kg
<b>SCx</b>	0.155 m <sup>2</sup>



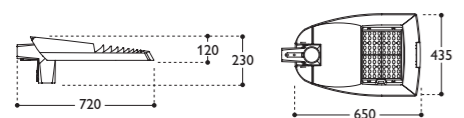
# Luma

## Technical specifications

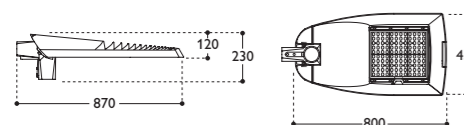
Measurements in mm



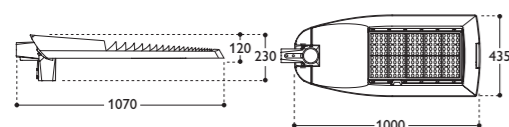
Luma Mini



Luma 1



Luma 2



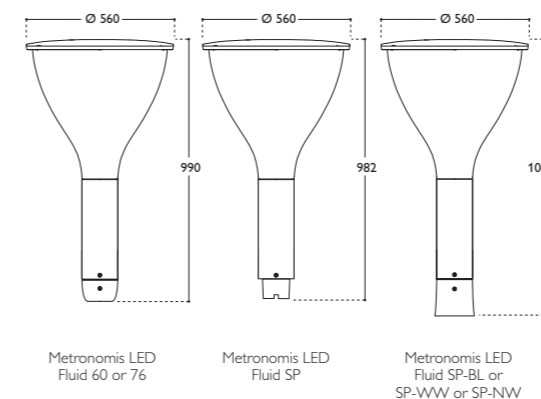
Luma 3

<b>Type</b>	Luma Mini Luma 1 Luma 2 Luma 3
<b>IP rate</b>	IP66
<b>IK rate</b>	IK09
<b>Light source</b>	Integral LED Module
<b>Power</b>	Luma Mini: from 10 W to 86 W Luma 1: from 15 W to 152 W Luma 2: from 40 W to 271 W Luma 3: from 68 W to 447 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW) 5700K (CW)
<b>Colour rendering index</b>	≥ 84 (WW) ≥ 76 (NW) ≥ 68 (CW)
<b>System lumens</b>	Luma Mini: from 850 lumen to 10,350 lumen Luma 1: from 1,400 lumen to 20,400 lumen Luma 2: from 4,200 lumen to 30,300 lumen Luma 3: from 6,950 lumen to 49,600 lumen
<b>Maintenance of lumen output</b>	100,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1,000 hours for Philips Xitanium 0,05% per 1,000 hours for non-Philips driver
<b>Dimming</b>	1-10V / DALI / Dynadim / SDU / LumiStep / StarSense RF / Mains dimming
<b>Optics</b>	Optiflux R1 (Medium < ME1-2), R2 (Narrow ME), R3 (Medium < ME3), R4 (Medium S), R5 (Wide S), R6 (Extra Wide S) and R7 (Narrow S)
<b>Optical element</b>	Flat glass
<b>Material</b>	Housing and spigot high-pressure die-cast aluminium LM6 quality, non corrosive Cover flat toughened glass
<b>Colour</b>	Akzo Nobel Futura Gris 900 Sablé or Akzo Nobel Futura Gris 150 Sablé Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Luma Mini: Post-top Ø 76 mm Side-entry Ø 32- 60 mm / Post-top Ø 60 mm Luma 1: Post-top Ø 76 mm Side-entry Ø 32- 60 mm / Post-top Ø 60 mm Luma 2: Post-top Ø 76 mm Side-entry Ø 42- 60 mm / Post-top Ø 60 mm Luma 3: Post-top Ø 76 mm Side-entry Ø 42- 60 mm / Post-top Ø 60 mm
<b>Weight</b>	Luma Mini: 9.5 kg Luma 1: from 11 to 11.5 kg Luma 2: from 14 to 15.5 kg Luma 3: from 19 to 19.5 kg
<b>SCx</b>	Luma Mini: 0.055 m <sup>2</sup> Luma 1: 0.057 m <sup>2</sup> Luma 2: 0.067 m <sup>2</sup> Luma 3: 0.079 m <sup>2</sup>

# Metronomis LED Fluid

## Technical specifications

Measurements in mm



Metronomis LED Fluid 60 or 76

Metronomis LED Fluid SP

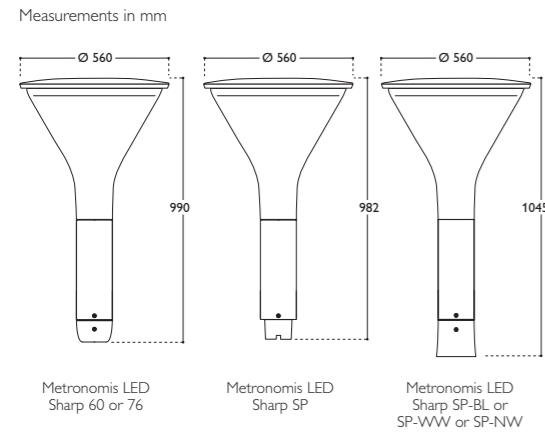
Metronomis LED Fluid SP-BL or SP-WW or SP-NW

<b>Type</b>	Metronomis LED Fluid
<b>IP rate</b>	IP66
<b>IK rate</b>	IK10
<b>Light source</b>	LEDGINE round
<b>Power</b>	From 16 W to 130 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	GRN: from 1,400 lumen to 7,100 lumen ECO: from 2,250 lumen to 10,650 lumen
<b>Maintenance of lumen output</b>	GRN: 100,000 hours at L80F10 ECO: 70,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1,000 hours for Philips Xitanium
<b>Dimming</b>	1-10V / DALI / Dynadim / SDU / LumiStep / StarSense RF
<b>Optics</b>	Metronomis Distribution Medium (MDM), Wide (MDW), Asymmetrical (MDA), Symmetrical (MDS) and Vertical (MDV)
<b>Optical element</b>	Diffusing plate, prismatic plates (Circle, Diamond and Wave)
<b>Material</b>	Housing and top cover high-pressure aluminium Optical cover polycarbonate, UV reinforced
<b>Colour</b>	Philips Ultra Dark Grey (10714) Other RAL colours available on request
<b>Installation</b>	Post-top Ø 60 and 76 mm Dedicated to SP mounting for MetroLat, MetroTube, MetroRiginal and MetroWood poles Dedicated to SP-BL, SP-WW or SP-NW mounting for MetroLight pole (Wash light spigot)
<b>Weight</b>	Max 13.5 kg
<b>SCx</b>	0.2016 m <sup>2</sup>



# Metronomis LED Sharp

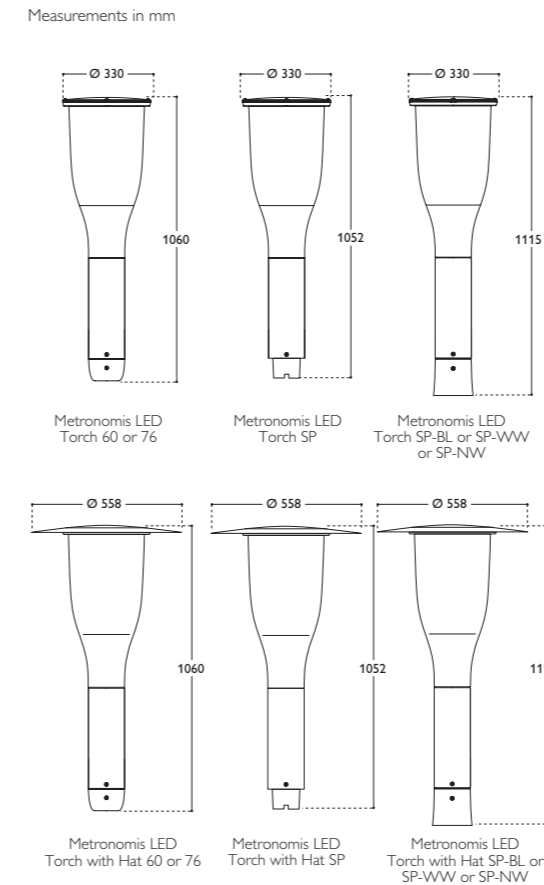
## Technical specifications



<b>Type</b>	Metronomis LED Sharp
<b>IP rate</b>	IP66
<b>IK rate</b>	IK10
<b>Light source</b>	LEDGINE round
<b>Power</b>	From 16 W to 130 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	GRN: from 1,400 lumen to 7,100 lumen ECO: from 2,250 lumen to 10,650 lumen
<b>Maintenance of lumen output</b>	GRN: 100,000 hours at L80F10 ECO: 70,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1,000 hours for Philips Xitanium
<b>Dimming</b>	1-10V / DALI / Dynadim / SDU / LumiStep / StarSense RF
<b>Optics</b>	Metronomis Distribution Medium (MDM), Wide (MDW), Asymmetrical (MDA), Symmetrical (MDS) and Vertical (MDV)
<b>Optical element</b>	Diffusing plate, prismatic plates (Circle, Diamond and Wave)
<b>Material</b>	Housing and top cover high-pressure aluminum Optical cover polycarbonate, UV reinforced
<b>Colour</b>	Philips Ultra Dark Grey (10714) Other RAL colours available on request
<b>Installation</b>	Post-top Ø 60 and 76 mm Dedicated to SP mounting for MetroLat, MetroTube, MetroRiginal and MetroWood poles Dedicated to SP-BL, SP-WW or SP-NW mounting for MetroLight pole (Wash light spigot)
<b>Weight</b>	Max 13.5 kg
<b>SCx</b>	0.1991 m <sup>2</sup>

# Metronomis LED Torch

## Technical specifications



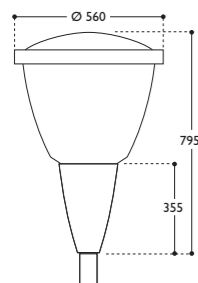
<b>Type</b>	Metronomis LED Torch Metronomis LED Torch with Hat
<b>IP rate</b>	IP66
<b>IK rate</b>	IK10
<b>Light source</b>	LEDGINE round
<b>Power</b>	From 15 W to 75 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	GRN: from 1,350 lumen to 4,300 lumen ECO: from 2,200 lumen to 6,100 lumen
<b>Maintenance of lumen output</b>	GRN: 100,000 hours at L80F10 ECO: 70,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1,000 hours for Philips Xitanium
<b>Dimming</b>	1-10V / DALI / Dynadim / SDU / LumiStep
<b>Optics</b>	Metronomis Distribution Medium (MDM), Wide (MDW), Asymmetrical (MDA), Symmetrical (MDS) and Vertical (MDV)
<b>Optical element</b>	Diffusing plate, prismatic plates (Circle, Diamond and Wave)
<b>Material</b>	Housing and top cover high-pressure aluminum Optical cover polycarbonate, UV reinforced
<b>Colour</b>	Philips Ultra Dark Grey (10714) Other RAL colours available on request
<b>Installation</b>	Post-top Ø 60 and 76 mm Dedicated to SP mounting for MetroLat, MetroTube, MetroRiginal and MetroWood poles Dedicated to SP-BL, SP-WW or SP-NW mounting for MetroLight pole (Wash light spigot)
<b>Weight</b>	Max 13.5 kg
<b>SCx</b>	Torch: 0.21 m <sup>2</sup> Torch with Hat: 0.24 m <sup>2</sup>



# Metronomis Anancy

## Technical specifications

Measurements in mm

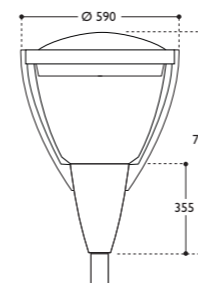


<b>Type</b>	Metronomis Anancy
<b>IP rate</b>	IP65
<b>IK rate</b>	IK09
<b>Light source</b>	MASTER CosmoWhite CPO-TW / PGZ12 / 45, 60, 90, 140 W MASTER CityWhite CDO-TT / E27 / 50, 70 W MASTER CityWhite CDO-TT / E40 / 100, 150 W MASTERColour CDM-T / G12 / 35, 70, 150 W 1 x MASTER SDW-T / PG12-1 / 50, 100 W SON / E27 / 50, 70 W SON / E40 / 100, 150 W 1 x SON-T / E27 / 50, 70 W SON-T / E40 / 100, 150 W MASTER PL-T 4 Pin / GX24q-3 or 4* / 32, 42 W (*depends on wattage) MASTER QL system / 55 W
<b>Colour temperature</b>	Depending on lamp choice colour 628, 728, 830, 840
<b>Dimming</b>	Dynadimmer integrated, LineSwitch or LumiStep (only with Cosmopolis)
<b>Optical element</b>	Louwer (LO), Prismatic Refractor (PR), Diffuser (DF), Indirect (IO), Asymmetrical Road Reflector (A), Rotationally Symmetrical Reflector (S)
<b>Material</b>	Housing high-pressure, die-cast aluminium Bowl and bowl covers polycarbonate Refractor and diffuser polymethylmethacrylic-imide Louvers high-pressure, die-cast aluminium Reflector assemblies aluminium Adapters die-cast aluminium
<b>Colour</b>	Philips Dark Grey (GR) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 60 and 76 mm Side-entry Ø 42-60 mm
<b>Weight</b>	7.8 kg
<b>SCx</b>	0.24 m <sup>2</sup>

# Metronomis Berlin

## Technical specifications

Measurements in mm



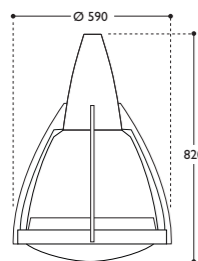
<b>Type</b>	Metronomis Berlin
<b>IP rate</b>	IP65
<b>IK rate</b>	IK09
<b>Light source</b>	MASTER CosmoWhite CPO-TW / PGZ12 / 45, 60, 90, 140 W MASTER CityWhite CDO-TT / E27 / 50, 70 W MASTER CityWhite CDO-TT / E40 / 100, 150 W MASTERColour CDM-T / G12 / 35, 70, 150 W 1 x MASTER SDW-T / PG12-1 / 50, 100 W SON / E27 / 50, 70 W SON / E40 / 100, 150 W 1 x SON-T / E27 / 50, 70 W SON-T / E40 / 100, 150 W MASTER PL-T 4 Pin / GX24q-3 or 4* / 32, 42 W (*depends on wattage) MASTER QL system / 55 W
<b>Colour temperature</b>	Depending on lamp choice colour 628, 728, 830, 840
<b>Dimming</b>	Dynadimmer integrated, LineSwitch or LumiStep (only with Cosmopolis)
<b>Optical element</b>	Louwer (LO), Prismatic Refractor (PR), Diffuser (DF), Indirect (IO), Asymmetrical Road Reflector (A), Rotationally Symmetrical Reflector (S)
<b>Material</b>	Housing high-pressure, die-cast aluminium Decorative arms: die-cast aluminium Bowl and bowl covers polycarbonate Refractor and diffuser polymethylmethacrylic-imide Louvers high-pressure, die-cast aluminium Reflector assemblies aluminium Adapters die-cast aluminium
<b>Colour</b>	Philips Dark Grey (GR) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 60 and 76 mm Side-entry Ø 42-60 mm
<b>Weight</b>	8. kg
<b>SCx</b>	0.27 m <sup>2</sup>



# Metronomis Bordeaux

## Technical specifications

Measurements in mm

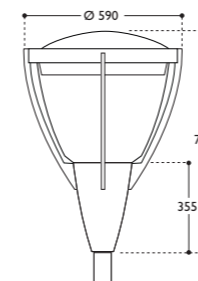


<b>Type</b>	Metronomis Bordeaux Metronomis Bordeaux catenary
<b>IP rate</b>	IP65
<b>IK rate</b>	IK09
<b>Light source</b>	MASTER CosmoWhite CPO-TW / PGZ12 / 45, 60, 90, 140 W MASTER CityWhite CDO-TT / E27 / 50, 70 W MASTER CityWhite CDO-TT / E40 / 100, 150 W MASTERCoulour CDM-T / G12 / 35, 70, 150 W 1 x MASTER SDW-T / PG12-1 / 50, 100 W SON / E27 / 50, 70 W SON / E40 / 100, 150 W 1 x SON-T / E27 / 50, 70 W SON-T / E40 / 100, 150 W MASTER PL-T 4 Pin / GX24q-3 or 4* / 32, 42 W (*depends on wattage) MASTER QL system / 55 W
<b>Colour temperature</b>	Depending on lamp choice colour 628, 728, 830, 840
<b>Dimming</b>	Dynadimmer integrated, LineSwitch or LumiStep (only with Cosmopolis)
<b>Optical element</b>	Prismatic Refractor (PR), Diffuser (DF), Asymmetrical Road Reflector (A), Rotationally Symmetrical Reflector (S)
<b>Material</b>	Housing high-pressure, die-cast aluminium Decorative arms: die-cast aluminium Bowl and bowl covers polycarbonate Refractor and diffuser polymethylmethacrylic-imide Louvers high-pressure, die-cast aluminium Reflector assemblies aluminium Adapters die-cast aluminium
<b>Colour</b>	Philips Dark Grey (GR) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Side-entry Ø 42-60 mm Catenary mounting
<b>Weight</b>	Metronomis Bordeaux: 8.7 kg Metronomis Bordeaux catenary: 9.65 kg
<b>SCx</b>	0.27 m <sup>2</sup>

# Metronomis Cambridge

## Technical specifications

Measurements in mm



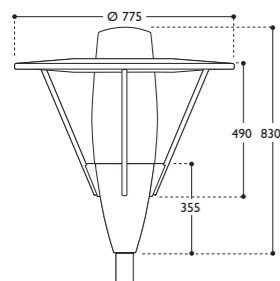
<b>Type</b>	Metronomis Cambridge
<b>IP rate</b>	IP65
<b>IK rate</b>	IK09
<b>Light source</b>	MASTER CosmoWhite CPO-TW / PGZ12 / 45, 60, 90, 140 W MASTER CityWhite CDO-TT / E27 / 50, 70 W MASTER CityWhite CDO-TT / E40 / 100, 150 W MASTERCoulour CDM-T / G12 / 35, 70, 150 W 1 x MASTER SDW-T / PG12-1 / 50, 100 W SON / E27 / 50, 70 W SON / E40 / 100, 150 W 1 x SON-T / E27 / 50, 70 W SON-T / E40 / 100, 150 W MASTER PL-T 4 Pin / GX24q-3 or 4* / 32, 42 W (*depends on wattage) MASTER QL system / 55 W
<b>Colour temperature</b>	Depending on lamp choice colour 628, 728, 830, 840
<b>Dimming</b>	Dynadimmer integrated, LineSwitch or LumiStep (only with Cosmopolis)
<b>Optical element</b>	Louver (LO), Prismatic Refractor (PR), Diffuser (DF), Indirect (IO), Asymmetrical Road Reflector (A), Rotationally Symmetrical Reflector (S)
<b>Material</b>	Housing high-pressure, die-cast aluminium Decorative arms: die-cast aluminium Bowl and bowl covers polycarbonate Refractor and diffuser polymethylmethacrylic-imide Louvers high-pressure, die-cast aluminium Reflector assemblies aluminium Adapters die-cast aluminium
<b>Colour</b>	Philips Dark Grey (GR) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 60 and 76 mm Side-entry Ø 42-60 mm
<b>Weight</b>	9.65 kg
<b>SCx</b>	0.27 m <sup>2</sup>



# Metronomis Malmö

## Technical specifications

Measurements in mm

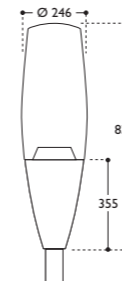


<b>Type</b>	Metronomis Malmö
<b>IP rate</b>	IP65
<b>IK rate</b>	IK09
<b>Light source</b>	MASTER CosmoWhite CPO-TW / PGZ12 / 45, 60, 90, 140 W MASTER CityWhite CDO-TT / E27 / 50, 70 W MASTER CityWhite CDO-TT / E40 / 100, 150 W MASTERColour CDM-T / G12 / 35, 70, 150 W 1 x MASTER SDW-T / PG12-1 / 50, 100 W SON / E27 / 50, 70 W SON / E40 / 100, 150 W 1 x SON-T / E27 / 50, 70 W SON-T / E40 / 100, 150 W MASTER PL-T 4 Pin / GX24q-3 or 4* / 32, 42 W (*depends on wattage) MASTER QL system / 55 W
<b>Colour temperature</b>	Depending on lamp choice colour 628, 728, 830, 840
<b>Dimming</b>	Dynadimmer integrated, LineSwitch or LumiStep (only with Cosmopolis)
<b>Optical element</b>	Louver (LO), Prismatic Refractor (PR), Diffuser (DF)
<b>Material</b>	Housing high-pressure, die-cast aluminium Disc-support fixation brackets die-cast aluminium Disc-support rods extruded aluminium Bowl polycarbonate Refractor and diffuser polymethylmethacrylic-imide Louvers high-pressure, die-cast aluminium Horizontal reflective disc: acrylonitril-butadienestyrene Adapters die-cast aluminium
<b>Colour</b>	Philips Dark Grey (GR) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 60 and 76 mm Side-entry Ø 42-60 mm
<b>Weight</b>	10.65 kg
<b>SCx</b>	0.39 m <sup>2</sup>

# Metronomis Torino

## Technical specifications

Measurements in mm



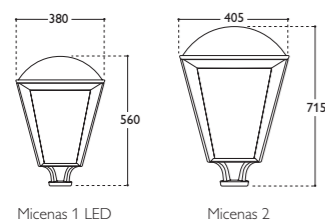
<b>Type</b>	Metronomis Torino
<b>IP rate</b>	IP65
<b>IK rate</b>	IK09
<b>Light source</b>	MASTER CosmoWhite CPO-TW / PGZ12 / 45, 60, 90, 140 W MASTER CityWhite CDO-TT / E27 / 50, 70 W MASTER CityWhite CDO-TT / E40 / 100, 150 W MASTERColour CDM-T / G12 / 35, 70, 150 W 1 x MASTER SDW-T / PG12-1 / 50, 100 W SON / E27 / 50, 70 W SON / E40 / 100, 150 W 1 x SON-T / E27 / 50, 70 W SON-T / E40 / 100, 150 W MASTER PL-T 4 Pin / GX24q-3 or 4* / 32, 42 W (*depends on wattage) MASTER QL system / 55 W
<b>Colour temperature</b>	Depending on lamp choice colour 628, 728, 830, 840
<b>Dimming</b>	Dynadimmer integrated, LineSwitch or LumiStep (only with Cosmopolis)
<b>Optical element</b>	Louver (LO), Prismatic Refractor (PR), Diffuser (DF)
<b>Material</b>	Housing high-pressure, die-cast aluminium Bowl polycarbonate Refractor and diffuser polymethylmethacrylic-imide Louvers high-pressure, die-cast aluminium Adapters die-cast aluminium
<b>Colour</b>	Philips Dark Grey (GR) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 60 and 76 mm Side-entry Ø 42-60 mm
<b>Weight</b>	5.75 kg
<b>SCx</b>	0.17 m <sup>2</sup>



# Micenas LED

## Technical specifications

Measurements in mm

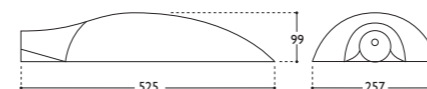


<b>Type</b>	Micenas 1 LED
<b>IP rate</b>	IP44 / IP66 LED module
<b>IK rate</b>	IK06
<b>Light source</b>	Build-in LED module
<b>Power</b>	From 17 W to 82 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	From 2,300 lumen to 6,950 lumen
<b>Maintenance of lumen output</b>	95,000 hours at L80F10 for 250 / 350 mA 70,000 hours at L80F10 for 500 mA 50,000 hours at L77F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium 0,05% per 1000 hours for non-Philips driver
<b>Dimming</b>	1-10V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard and Wide optic
<b>Optical element</b>	Micro lens-optic for Road and Area distribution
<b>Material</b>	Housing gravity die-cast aluminium, non corrosive PMMA clear lenses
<b>Colour</b>	Textured black Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 76 mm incl. adapter Post-top Ø 60 mm incl. adapter Suspended mounting using a brass threaded spigot Ø 34 pdg (1" G) Top mounting for brass threaded spigot Ø 34 pdg (1" G)
<b>Weight</b>	20.5 kg
<b>SCx</b>	0.109 m²

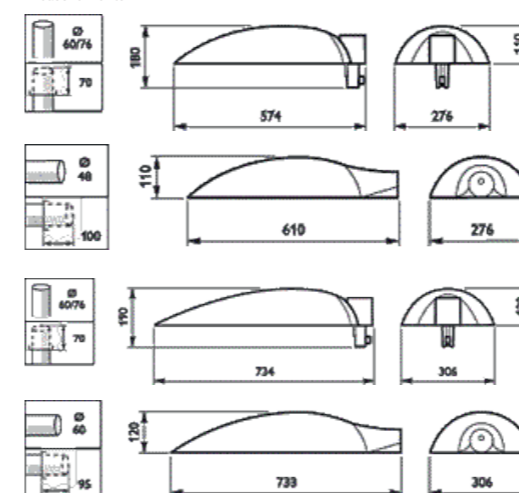
# MileWide<sup>2</sup> LED

## Technical specifications

MileWide<sup>2</sup> LED  
Measurements in mm



MileWide<sup>2</sup> Large LED  
Measurements in mm

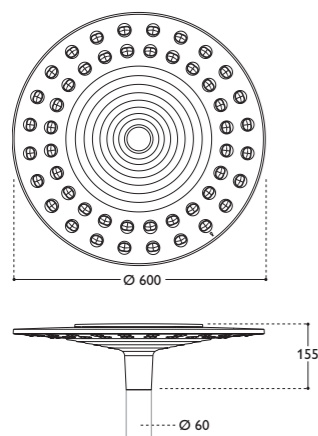


	MileWide <sup>2</sup> LED	MileWide <sup>2</sup> Large LED * coming June 2014. (data subject to change)
<b>Type</b>	BRP435 (small version side entry) BPP435 (small version post top)	BRP436 (Large version side entry) BPP436 (Large version post top)
<b>IP rate</b>	IP66	
<b>IK rate</b>	IK08	
<b>Light source</b>	Integral LED module	
<b>Power</b>	From 14W to 86W	From 60W to 138W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)	
<b>Colour rendering index</b>	≥ 80 (WW) ≥ 70 (NW)	
<b>System lumens</b>	GRN: From 1650 - 8000 lm (WW)	GRN: From 7300 - 13300 lm (WW)
	GRN: From 1750 - 9000 lm (NW)	GRN: From 1750 - 9000 lm (NW)
<b>Lifetime L80F10</b>	GRN: 100,000 hours	
<b>Driver failure rate</b>	0.01% per 1000 hours for Philips Xitanium	
<b>Dimming</b>	1-10V/ DALI / LumiStep / Dynadimmer / Constant Light Output (CLO) / SDU (D4) / StarSense (1-10V, DALI)	
<b>Optics</b>	Distribution medium (DM), Distribution wide (DW), Distribution wet (DK), MSO (Distribution for residential areas (S class))	Distribution medium (DM), Distribution wide (DW), Distribution wet (DK)
<b>Material</b>	Housing: high pressure, die-cast aluminum, coated  Cover: glass, thermally hardened	
<b>Colour</b>	Satin Silver Grey  Ultra Dark Grey  Other RAL or AKZO colors available on request	
<b>Installation</b>	Side entry: 42-48 mm  Post top: 60/76 m	Side entry: 42-48 mm
	No adjustable tilt angle / light distribution	
<b>Weight</b>	7-8 kg	11-12 kg
<b>SCx</b>	BRP435: 0.048 965 m²	BRP436: 0.065660 m²



# Ocean Ambiance LED

## Technical specifications

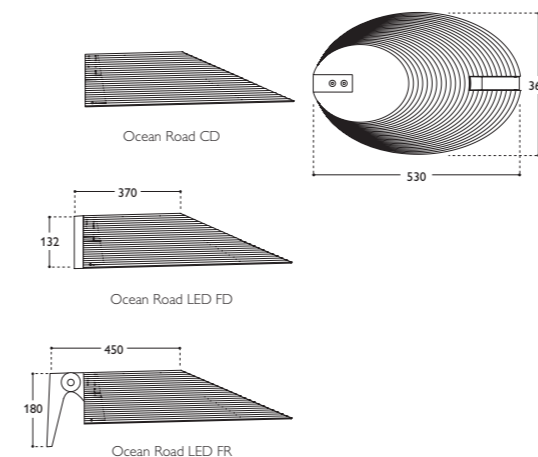


<b>Type</b>	Ocean Ambiance LED (Road distribution) Ocean Ambiance LED (Area distribution)
<b>IP rate</b>	IP66
<b>IK rate</b>	IK06
<b>Light source</b>	Integral LED module
<b>Power</b>	From 11 W to 113 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	From 950 lumen to 11,600 lumen
<b>Maintenance of lumen output</b>	100,000 hours at L85F10 for 350 mA
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium 0,05% per 1000 hours for non-Philips driver
<b>Dimming</b>	1-10V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Wide optic
<b>Optical element</b>	Micro lens-optic for Road and Area distribution
<b>Material</b>	Housing die-cast aluminium, non corrosive Spigot die-cast aluminium, non corrosive PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Silver (housing) and Platine (spigot & pole) Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 60 mm for dedicated Ocean Ambiance pole
<b>Weight</b>	6.3 kg
<b>SCx</b>	0.03 m <sup>2</sup>

# Ocean Road LED

## Technical specifications

Measurements in mm



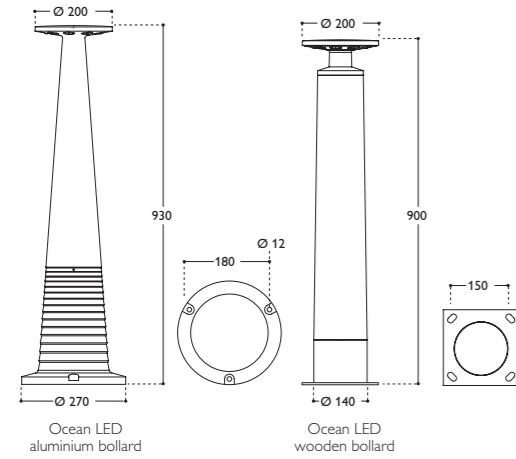
<b>Type</b>	Ocean Road LED CD Ocean Road LED FD Ocean Road LED FR
<b>IP rate</b>	IP66
<b>IK rate</b>	IK06
<b>Light source</b>	Build-in LED module
<b>Power</b>	From 35 W to 70 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	From 3,650 lumen to 5,900 lumen
<b>Maintenance of lumen output</b>	92,000 hours at L80F10 for 250 / 350 mA 70,000 hours at L80F10 for 500 mA 47,000 hours at L80F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium 0,05% per 1000 hours for non-Philips driver
<b>Dimming</b>	1-10V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard and Wide optic
<b>Optical element</b>	Micro lens-optic for Road distribution
<b>Material</b>	Housing die-cast aluminium, non corrosive PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Platine or Silver Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	FD direct mounting system on pole FR direct mounting system on pole, tilt angle 0° to 20° Direct side mounting on CD bracket
<b>Weight</b>	Ocean Road LED CD / FD: 10 kg Ocean Road LED FR: 11 kg
<b>SCx</b>	Ocean Road LED FD: 0.07 m <sup>2</sup> Ocean Road LED FR: 0.096 m <sup>2</sup> Ocean Road LED CD: 0.07 m <sup>2</sup>



# Ocean LED bollard

## Technical specifications

Measurements in mm

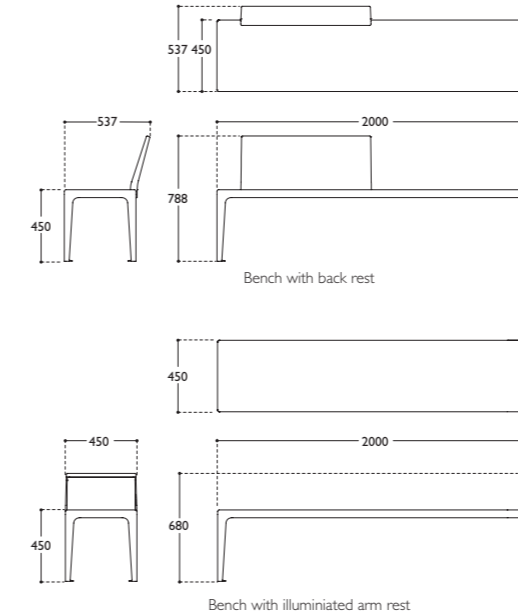


<b>Type</b>	Ocean LED bollard (aluminium) Ocean LED bollard (wooden)
<b>IP rate</b>	IP66 / IP67 (gear tray)
<b>IK rate</b>	IK06
<b>Light source</b>	Integral LED module
<b>Power</b>	13 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	1,080 lumen
<b>Maintenance of lumen output</b>	95,000 hours at L80F10 for 350 mA 51,000 hours at L80F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium 0,05% per 1000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI
<b>Optics</b>	Directa Narrow, Standard and Wide optic
<b>Optical element</b>	Micro lens-optic for Area distribution
<b>Material</b>	Housing extruded aluminium Glued laminated wood PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Platine or Silver Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Base plate
<b>Weight</b>	Max. 8 kg

# Ocean street furniture

## Technical specifications

Measurements in mm



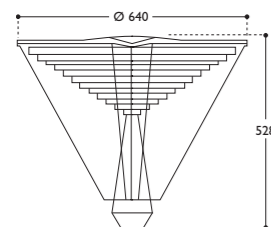
<b>Dimensions</b>	Bench with back rest L 2000 mm - W 537 mm - H 788 mm - Seat height 450 mm Bench with illuminated arm rest L 2000 mm - W 450 mm - H 680 mm - Seat height 450 mm
<b>Weight</b>	Bench with back rest: 70 kg Bench with illuminated arm rest: 70 kg
<b>Materials and finish</b>	Base: Sand-blasted, metallised and powder coated steel. Akzo Nobel Futura colours available on request Back or arm rest: Sand-blasted, metallised and powder coated aluminium. Akzo Nobel Futura colours available on request
<b>Light</b>	LED: 5 modules of 2 LED 230V / 12V - 1.5 A Class II - IP 67 - Cool White. Options: Other colours: Neutral White, Warm White or blue
<b>Installation</b>	4 holes Ø 11 mm (bolts not supplied) Installation in massive concrete
<b>Delivery</b>	Back and arm rest delivered separately (bolts supplied)
<b>Option</b>	Matching back rest



# ParkView LED

## Technical specifications

Measurements in mm

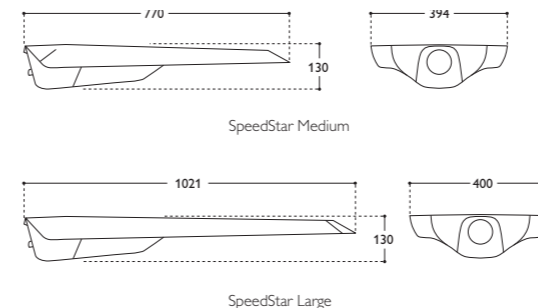


<b>Type</b>	ParkView LED
<b>IP rate</b>	IP65
<b>IK rate</b>	IK10
<b>Light source</b>	Build-in LED module
<b>Power</b>	From 19 W to 53 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 70 (NW)
<b>System lumens</b>	From 880 lumen to 2,475 lumen
<b>Maintenance of lumen output</b>	100,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium
<b>Dimming</b>	1-10V / DALI / Dynadim / LumiStep / Amp-dim
<b>Optics</b>	Rotational symmetrical
<b>Material</b>	Bowl polycarbonate transparent Top cover aluminium Spigot aluminium polyester powder coating Louvres PMMA Inner cone polycarbonate
<b>Colour</b>	RAL 9010 Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 60, 76 or 114 mm
<b>Weight</b>	10.5 kg
<b>SCx</b>	0.18 m <sup>2</sup>

# SpeedStar

## Technical specifications

Measurements in mm



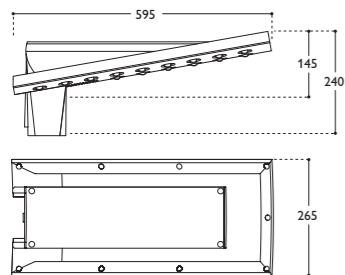
<b>Type</b>	SpeedStar Medium SpeedStar Large
<b>IP rate</b>	IP66
<b>IK rate</b>	IK08
<b>Light source</b>	LEDGINE 2.0 module
<b>Power</b>	GRN: from 16 W to 169 W ECO: from 20 W to 252 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW) 5700K (CW)
<b>Colour rendering index</b>	≥84 (WW) ≥76 (NW) ≥68 (CW)
<b>System lumens</b>	Medium: from 1,403 lumen to 12,472 lumen Large: from 9,998 lumen to 23,723 lumen
<b>Maintenance of lumen output</b>	GRN: 100,000 hours at L80F10 ECO: 70,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1,000 hours for Philips Xitanium
<b>Dimming</b>	1-10V / DALI / Dynadim / SDU / LumiStep / StarSense RF / Mains dimming
<b>Optics</b>	Road Medium (DM), Road Narrow (DN), Road Wide (DW), Road Comfort (DC), Road Wet (DK), Asymmetric (A), Symmetric (S) and Pedestrian crossing (DP-L & DP-R)
<b>Optical element</b>	Flat glass
<b>Material</b>	Housing high-pressure die-cast aluminium coated Cover thermally toughened glass Gasket silicone rubber; heat resistant PMMA clear lenses
<b>Colour</b>	Philips Satin Silver Grey (close to RAL9006) Philips Ultra Dark Grey (10714) Other RAL or Akzo Nobel Futura colours available on request
<b>Installation</b>	Post-top Ø 60 and 76 mm Side-entry Ø 48 and 60 mm
<b>Weight</b>	Medium: 13.5 kg Large: 17.8 kg
<b>SCx</b>	Medium: 0.034 m <sup>2</sup> Large: 0.041 m <sup>2</sup>



# Stela Long

## Technical specifications

Measurements in mm

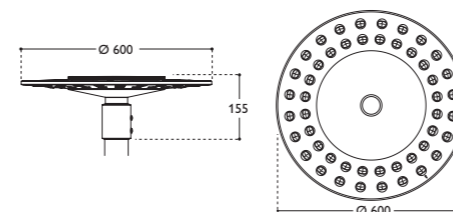


<b>Type</b>	Stela Long
<b>IP rate</b>	IP66
<b>IK rate</b>	IK10 (housing)
<b>Light source</b>	Integral LED module
<b>Power</b>	From 10 W to 74 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW) 5700K (CW)
<b>Colour rendering index</b>	80 (WW) 75 (NW) 70 (CW)
<b>System lumens</b>	From 800 lumen to 7,450 lumen
<b>Maintenance of lumen output</b>	100,000 hours at L85F10 for 350 mA
<b>Driver failure rate</b>	0,01% per 1,000 hours for Philips Xitanium 0,05% per 1,000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard, Wide and Pedestrian crossing
<b>Optical element</b>	Micro lens-optic for Road distribution
<b>Material</b>	Housing and spigot high-pressure die-cast aluminium LM6 quality, non corrosive PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Gris 900 Sablé Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 76 mm Post-top Ø 60 mm / Side-entry Ø 42-60 mm
<b>Weight</b>	7 kg
<b>SCx</b>	0.05 m <sup>2</sup>

# Stela Round

## Technical specifications

Measurements in mm



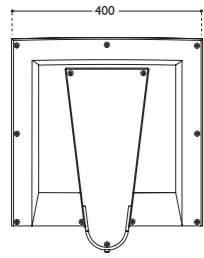
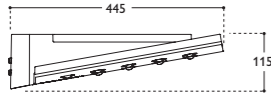
<b>Type</b>	Stela Round
<b>IP rate</b>	IP66
<b>IK rate</b>	IK10 (housing)
<b>Light source</b>	Integral LED module
<b>Power</b>	From 11 W to 113 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW) 5700K (CW)
<b>Colour rendering index</b>	80 (WW) 75 (NW) 70 (CW)
<b>System lumens</b>	From 950 lumen to 11,600 lumen
<b>Maintenance of lumen output</b>	100,000 hours at L85F10 for 350 mA
<b>Driver failure rate</b>	0,01% per 1,000 hours for Philips Xitanium 0,05% per 1,000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Wide optic
<b>Optical element</b>	Micro lens-optic for Road and Area distribution
<b>Material</b>	Housing and spigot high-pressure die-cast aluminium LM6 quality, non corrosive PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Gris 900 Sablé Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 76 mm Post-top Ø 60 mm, incl adapter
<b>Weight</b>	7.5 kg
<b>SCx</b>	0.065 m <sup>2</sup>



# Stela Square

## Technical specifications

Measurements in mm

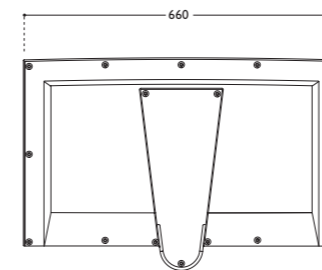
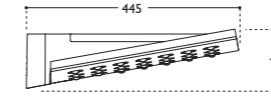


<b>Type</b>	Stela Square
<b>IP rate</b>	IP66
<b>IK rate</b>	IK10 (housing)
<b>Light source</b>	Integral LED module
<b>Power</b>	From 10 W to 46 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW) 5700K (CW)
<b>Colour rendering index</b>	80 (WW) 75 (NW) 70 (CW)
<b>System lumens</b>	From 800 lumen to 4,500 lumen
<b>Maintenance of lumen output</b>	100,000 hours at L85F10 for 350 mA
<b>Driver failure rate</b>	0,01% per 1,000 hours for Philips Xitanium 0,05% per 1,000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard, Wide, ME 5/6 and Pedestrian crossing
<b>Optical element</b>	Micro lens-optic for Road distribution
<b>Material</b>	Housing and spigot high-pressure die-cast aluminium LM6 quality, non corrosive PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Gris 900 Sablé Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 76 mm Post-top Ø 60 mm, incl adapter
<b>Weight</b>	5.3 kg
<b>SCx</b>	0.04 m <sup>2</sup>

# Stela Wide

## Technical specifications

Measurements in mm



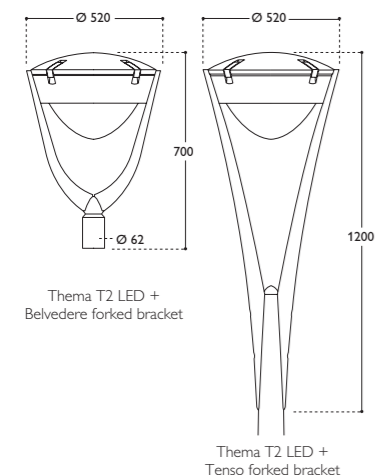
<b>Type</b>	Stela Wide
<b>IP rate</b>	IP66
<b>IK rate</b>	IK10 (housing)
<b>Light source</b>	Integral LED module
<b>Power</b>	From 21 W to 123 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW) 5700K (CW)
<b>Colour rendering index</b>	80 (WW) 75 (NW) 70 (CW)
<b>System lumens</b>	From 1,900 lumen to 12,700 lumen
<b>Maintenance of lumen output</b>	100,000 hours at L85F10 for 350 mA
<b>Driver failure rate</b>	0,01% per 1,000 hours for Philips Xitanium 0,05% per 1,000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard, Wide, ME 5/6 and Pedestrian crossing
<b>Optical element</b>	Micro lens-optic for Road distribution
<b>Material</b>	Housing and spigot high-pressure die-cast aluminium LM6 quality, non corrosive PMMA clear lenses
<b>Colour</b>	Akzo Nobel Futura Gris 900 Sablé Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 76 mm Post-top Ø 60 mm, incl adapter
<b>Weight</b>	8.2 kg
<b>SCx</b>	0.06 m <sup>2</sup>



# Thema T2 LED

## Technical specifications

Measurements in mm

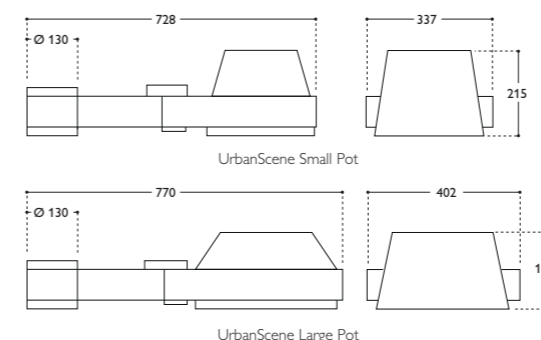


<b>Type</b>	Thema T2 LED (S with or without bowl) Thema T2 LED Tenso forked bracket (with or without bowl) Thema T2 LED Belvedere forked bracket (with or without bowl)
<b>IP rate</b>	IP66
<b>IK rate</b>	IK06 IK10 (PMMA bowl) IK07 (flat glass bowl)
<b>Light source</b>	Build-in LED module
<b>Power</b>	From 19 W to 70 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	80 (WW) 75 (NW)
<b>System lumens</b>	From 2,350 lumen to 7,000 lumen
<b>Maintenance of lumen output</b>	92,000 hours at L80F10 for 250 / 350 mA 70,000 hours at L80F10 for 500 mA 46,000 hours at L80F10 for 700 mA
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium 0,05% per 1000 hours for non-Philips driver
<b>Dimming</b>	1-10 V / DALI / Dynadim / SDU
<b>Optics</b>	Directa Narrow, Standard and Wide optic
<b>Optical element</b>	Micro lens-optic for Road and Area distribution
<b>Material</b>	Housing die-cast aluminium, non corrosive Forked bracket injected aluminium PMMA clear lenses PMMA or toughened flat glass bowl
<b>Colour</b>	Akzo Nobel Futura Gris 400 Sablé Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Suspended mounting with brass spigot Ø 34pdg (1") Post-top Ø 60 mm Belvedere forked bracket Post-top Ø 90 mm Tenso forked bracket
<b>Weight</b>	Thema T2 LED: 10,5 kg Thema T2 LED Tenso: 15 kg Thema T2 LED Belvedere: 14 kg
<b>SCx</b>	Thema T2 LED: 0.17 m <sup>2</sup> Thema T2 LED Belvedere/Tenso: 0.17 m <sup>2</sup>

# UrbanScene Pot

## Technical specifications

Measurements in mm



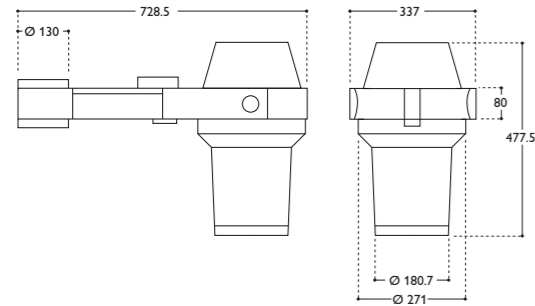
<b>Type</b>	UrbanScene Small Pot UrbanScene Large Pot:
<b>IP rate</b>	UrbanScene Small Pot: IP65 UrbanScene Large Pot: IP66
<b>IK rate</b>	IK08
<b>Light source</b>	UrbanScene Small Pot: MASTERColour CDM-TM Mini / PGJ5 / 20 W MASTERColour CDM-T / G12 / 35, 70, 150 W MASTER SDW-T / PG12-1 / 50, 100 W MASTER CosmoWhite CPO-TW / PGZ12 / 45, 60 W  UrbanScene Large Pot: MASTERColour CDM-T / G12 / 35, 70, 150 W MASTERColour CDM-TD / RX7s / 70, 150 W MASTER CosmoWhite CPO-TW / PGZ12 / 45, 60 W MASTER SON-T PIA Plus / E40 / 100, 150, 250, 400, 600 W
<b>Optics</b>	Symmetrical 4° (4), Symmetrical 10° (10), Symmetrical 20° (20), Symmetrical 40° (40) and Symmetrical 60° (60) CosmoPolis open road optic R60 for CDM-T (OC)
<b>Material</b>	Housing high pressure die-cast aluminium Cover thermally toughened glass Reflectors anodised aluminium
<b>Colour</b>	Canopy Philips Ultra Dark Grey Frame Philips Silver Grey Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Bracket mounting 300 mm or 1200 mm Wall mounting
<b>Weight</b>	UrbanScene Small Pot: 10.5 kg UrbanScene Large Pot: 13.5 kg
<b>SCx</b>	UrbanScene Small Pot: 0.086 m <sup>2</sup> (without accessories) 0.121 m <sup>2</sup> (with accessories) 0.225 m <sup>2</sup> (1200 mm with accessories)  UrbanScene Large Pot: 0.095 m <sup>2</sup> (without accessories) 0.126 m <sup>2</sup> (with accessories) 0.213 m <sup>2</sup> (1200 mm with accessories)



# UrbanScene Projector

## Technical specifications

Measurements in mm

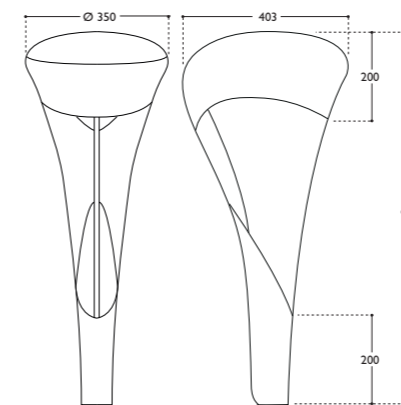


<b>Type</b>	UrbanScene Projector
<b>IP rate</b>	IP66
<b>IK rate</b>	IK07
<b>Light source</b>	MASTERColour CDM-T / G12 / 70 W MASTERColour CDM-T Elite / G12 / 70 W MASTERColour CDM-SA/T / G12 / 150 W
<b>Optics</b>	Symmetric 2 x 16°
<b>Optical element</b>	Diaphragm shutters
<b>Material</b>	Housing high pressure die-cast aluminium Cover thermally toughened glass Reflectors anodised aluminium
<b>Colour</b>	Canopy Philips Ultra Dark Grey Frame Philips Silver Grey Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Bracket mounting 520 mm or 1200 mm
<b>Weight</b>	14 kg
<b>SCx</b>	0.115 m <sup>2</sup>

# UrbanStar

## Technical specifications

Measurements in mm



<b>Type</b>	UrbanStar
<b>IP rate</b>	IP66
<b>IK rate</b>	IK08
<b>Light source</b>	LEDGINE
<b>Power</b>	From 15 to 41 W
<b>Colour temperature</b>	3000K (WW) 4000K (NW)
<b>Colour rendering index</b>	84 (WW) 76 (NW)
<b>System lumens</b>	GRN: from 862 lumen to 2,450 lumen ECO: from 1,038 lumen to 2,961 lumen
<b>Maintenance of lumen output</b>	GRN: 100,000 hours at L80F10 ECO: 70,000 hours at L80F10
<b>Driver failure rate</b>	0,01% per 1000 hours for Philips Xitanium
<b>Dimming</b>	1-10 V / DALI / Dynadim / LumiStep / StarSense RF / SDU
<b>Optics</b>	Wide residential (DWR)
<b>Material</b>	Base die-cast aluminium Cone and top polycarbonate
<b>Colour</b>	Philips Signal Grey, Philips Grey (10715), Philips Green Grey, Philips Blue Grey or Philips Umbra Grey Other RAL and Akzo Nobel Futura colours on request
<b>Installation</b>	Post-top Ø 60 and 76 mm
<b>Weight</b>	9 kg
<b>SCx</b>	0.155 m <sup>2</sup>

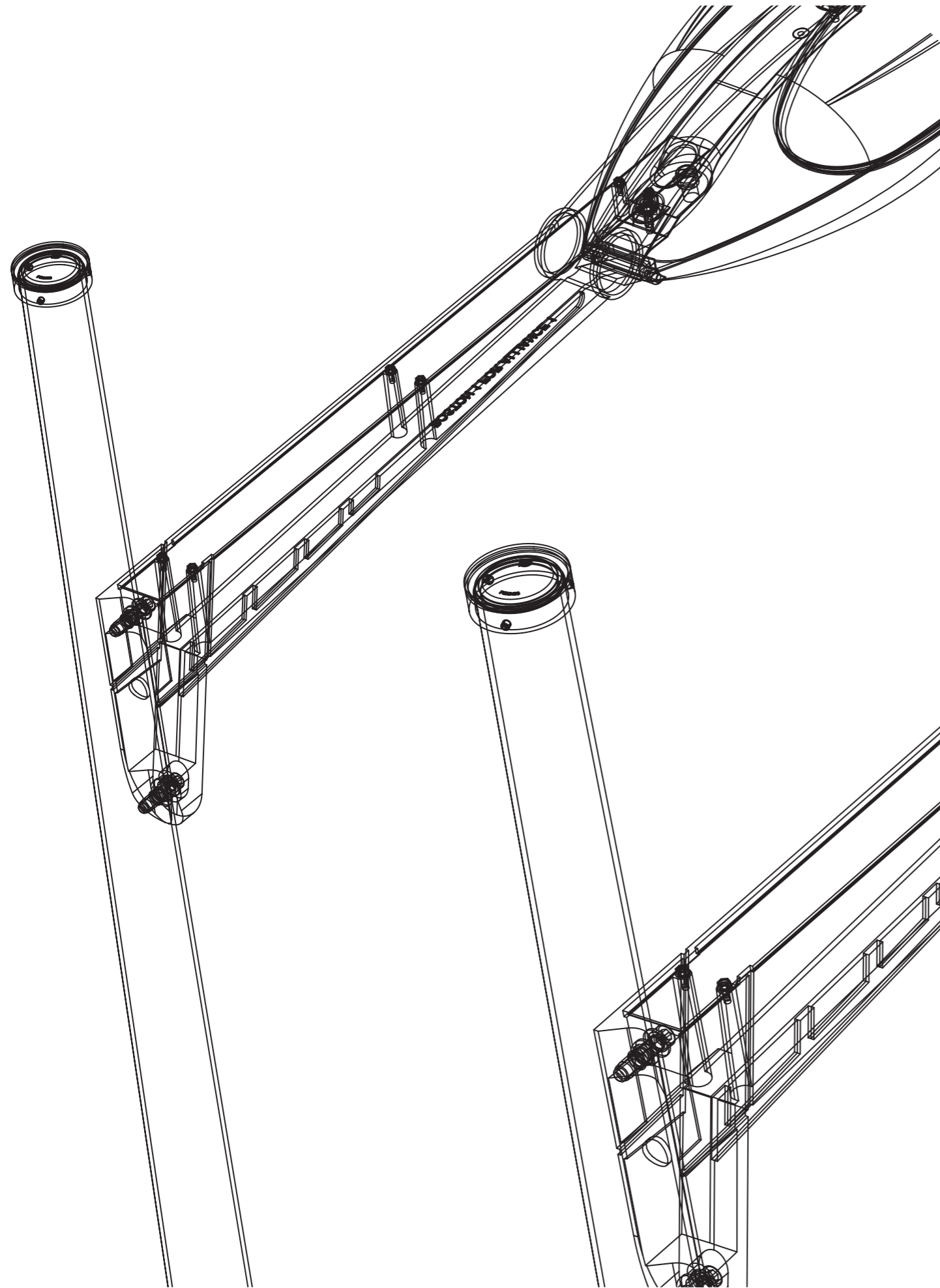


# Brackets

With Philips brackets, you have the freedom to create customised inspirational complete set installations, which suits beautifully in urban areas: modern, contemporary or historic city centre applications. From standard brackets that can be used in combination with different luminaires to dedicated brackets specially created for one specific luminaire. In this chapter you can find the technical specifications for each bracket, split by dedicated or standard and presented in the Urban Inspirational and Urban Functional chapters.





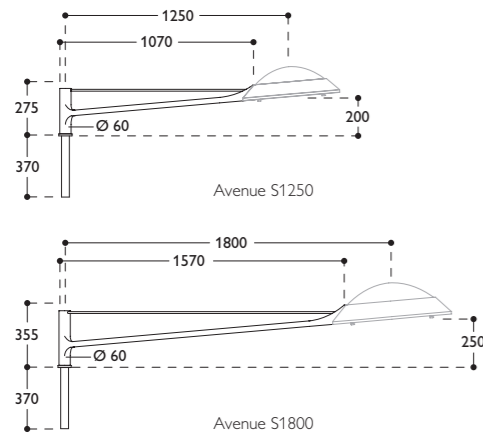


# Dedicated brackets

<b>Avenue</b> _____	248	<b>Metronomis straight</b> _____	251
<b>Element AMC / RBC / AM</b> _____	248	<b>Morph</b> _____	251
<b>Flip</b> _____	249	<b>Ocean CD</b> _____	252
<b>Impact</b> _____	249	<b>Sydney</b> _____	252
<b>Jump</b> _____	250	<b>West</b> _____	253
<b>Metronomis curved</b> _____	250	<b>Wing</b> _____	253



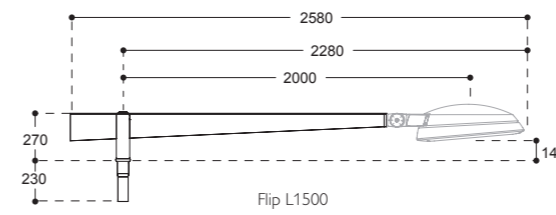
# Avenue



## Technical specifications

<b>Material</b>	Extruded cast aluminium
<b>Mounting to luminaire</b>	Dedicated Harmony 1 and Harmony 2 with D mounting system
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 or 62 mm with 2x4 threaded holes)  Rear bracket: mounting with 2 points, fixing centre 270 mm  Wall bracket: mounting with 3 points, fixing centre 110x310 mm
<b>Tilt angle</b>	5°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

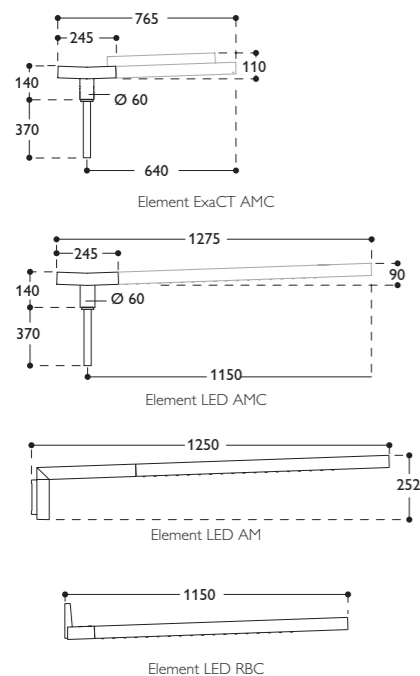
# Flip



## Technical specifications

<b>Material</b>	Steel
<b>Mounting to luminaire</b>	Dedicated CitySoul with MBA mounting system (CGP431 MBA, BGP431 MBA)
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 76 mm with 2x4 threaded holes)  Rear bracket: with CitySoul Sweep short bracket & CitySoul MBA (see Sweep dedicated pole) Mounting with 2 M10 screws, fixing centre 145 mm  Wall bracket: mounting with 2 points, fixing centre 150 mm (Flip L500) and 190 mm (Flip L1000)
<b>Tilt angle</b>	0° Tilt adjustment on luminaire (MBA mounting system)
<b>Finish</b>	Polyester coating in RAL colours or Futura Gris 900 Sablé. Standard colour: Philips Ultra Dark Grey (10714)
<b>Certification</b>	CE certification in accordance with standard EN40

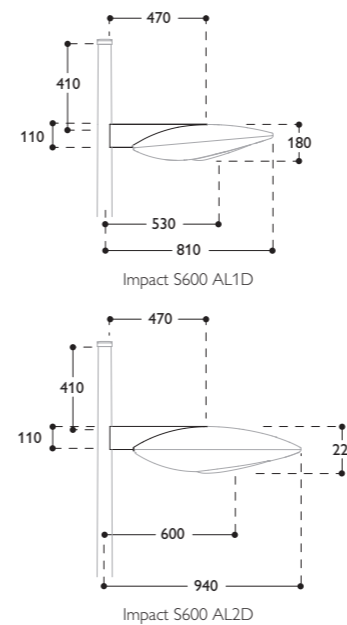
# Element AMC / RBC / AM



## Technical specifications

<b>Material</b>	Cast aluminium
<b>Mounting to luminaire</b>	Dedicated Element LED and Element ExaCT with AMC mounting system
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 or 62 mm with 2x4 threaded holes)  Rear bracket (RBC): mounting with 2 points, fixing centre 100 mm  Wall bracket (AM): mounting with 3 points, fixing centre 145 mm
<b>Tilt angle</b>	2°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

# Impact

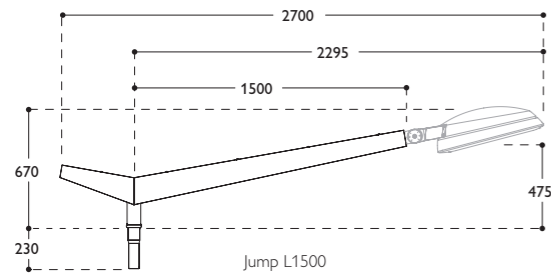


## Technical specifications

<b>Material</b>	Cast aluminium
<b>Mounting to luminaire</b>	Dedicated Alliance 1 and Alliance 2 with D mounting system
<b>Mounting to support</b>	Side: mounting with 2 M8 screws, fixing center 85 mm Compatible with Accante conical steel pole (top Ø 60, 62, 76 or 89 mm with inserts) or Aloa conical pole in aluminium (top Ø 90 mm with inserts)  Wall bracket: mounting with 3 points, fixing centre 110x310 mm
<b>Tilt angle</b>	5° (Alliance 1), 0° (Alliance 2)
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40



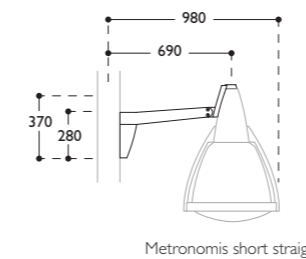
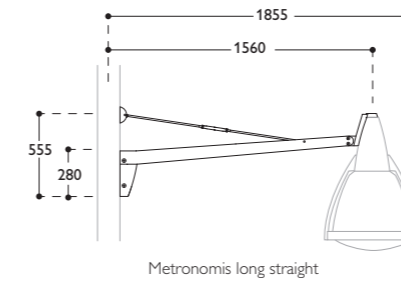
# Jump



## Technical specifications

<b>Material</b>	Steel
<b>Mounting to luminaire</b>	Dedicated CitySoul with MBA mounting system (CGP431 MBA, BGP431 MBA)
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø76 mm with 2x4 threaded holes)  Rear bracket: with CitySoul Sweep short bracket & CitySoul MBA (see Sweep dedicated pole) Mounting with 2 M10 screws, fixing centre 60mm  Wall bracket: mounting with 2 points, fixing centre 190mm
<b>Tilt angle</b>	10°. Tilt adjustment on luminaire (MBA mounting system)
<b>Finish</b>	Polyester coating in RAL colours or Futura Gris 900 Sablé. Standard colour: Philips Ultra Dark Grey (10714)
<b>Certification</b>	CE certification in accordance with standard EN40

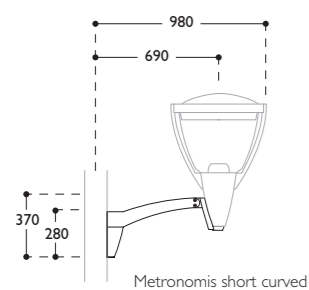
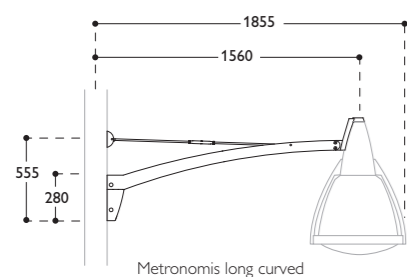
# Metronomis straight



## Technical specifications

<b>Material</b>	Cast aluminium
<b>Mounting to luminaire</b>	Dedicated Metronomis with standard mounting system (CDS550, CDS530, CDS580, CDS560, CDS570 and CDS590). Metronomis CDS590 only available in suspended version
<b>Mounting to support</b>	Side: mounting with 2 M8 screws, fixing centre 85 mm Compatible with Accante conical steel pole (top Ø60, 76, 80 or 89 mm with inserts) and with dedicated poles MetroConical and MetroSpun
<b>Tilt angle</b>	0°
<b>Finish</b>	Polyester coating in RAL colours or Futura Gris 900 Sablé. Standard colour: Philips Ultra Dark Grey (10714)
<b>Certification</b>	CE certification in accordance with standard EN40

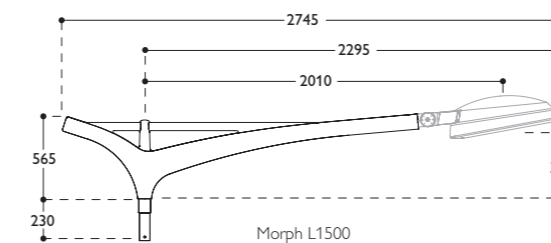
# Metronomis curved



## Technical specifications

<b>Material</b>	Cast aluminium
<b>Mounting to luminaire</b>	Dedicated Metronomis with standard mounting system (CDS550, CDS530, CDS580, CDS560, CDS570 and CDS590). Metronomis CDS590 only available in suspended version
<b>Mounting to support</b>	Side: compatible with Accante conical steel pole (top Ø60, 76, 80 or 89 mm with inserts) and with dedicated poles MetroConical and MetroSpun
<b>Tilt angle</b>	0°
<b>Finish</b>	Polyester coating in RAL colours or Futura Gris 900 Sablé. Standard colour: Philips Ultra Dark Grey (10714)
<b>Certification</b>	CE certification in accordance with standard EN40

# Morph

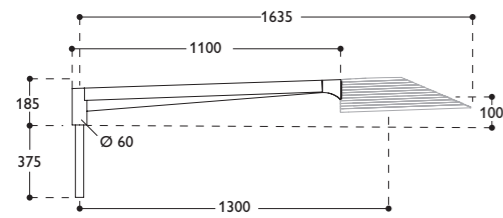


## Technical specifications

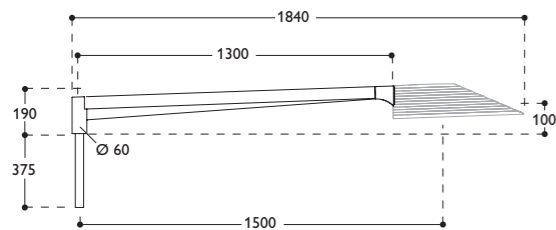
<b>Material</b>	Cast aluminium
<b>Mounting to luminaire</b>	Dedicated CitySoul with MBA mounting system (CGP431 MBA, BGP431 MBA)
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø76 mm with 2x4 threaded holes)  Rear bracket: with CitySoul Sweep short bracket & CitySoul MBA (see Sweep dedicated pole) Mounting with 2 M10 screws, fixing centre 60mm
<b>Tilt angle</b>	5°. Tilt adjustment on luminaire (MBA mounting system)
<b>Finish</b>	Polyester coating in RAL colours or Futura Gris 900 Sablé. Standard colour: Philips Ultra Dark Grey (10714)
<b>Certification</b>	CE certification in accordance with standard EN40



# Ocean CD



Ocean CD S1300

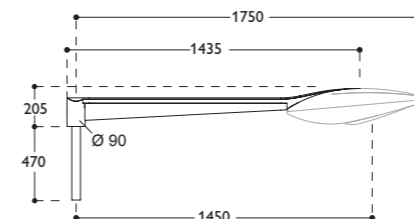


Ocean CD S1500

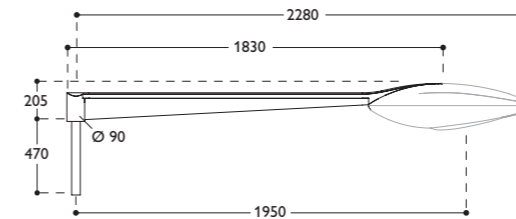
## Technical specifications

<b>Material</b>	Extruded aluminium and stainless steel
<b>Mounting to luminaire</b>	Dedicated Ocean Road / Ocean Road LED with CD mounting system
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 or 62mm with 2x4 threaded holes)  Wall bracket: mounting with 3 points, fixing centre 110x230mm  Rear bracket: with Ocean Road / Ocean Road LED with FD mounting system (see technical part luminaire Ocean Road LED)
<b>Tilt angle</b>	3°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

# West



West S1450

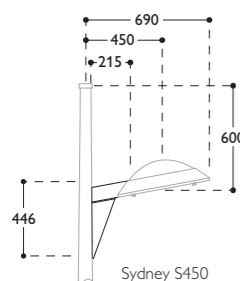


West S1950

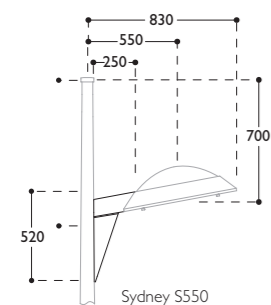
## Technical specifications

<b>Material</b>	Extruded cast aluminium
<b>Mounting to luminaire</b>	Dedicated Alliance 1 and Alliance 2 with D mounting system
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 89 mm with 2x4 threaded holes) or Aloa conical aluminium pole (top Ø 90 mm with 2x4 inserts)  Rear bracket: mounting with 2 points, fixing centre 200mm  Wall bracket: mounting with 3 points, fixing centre 110x310mm
<b>Tilt angle</b>	0° (West S1900), 5° (West S1450)
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

# Sydney



Sydney S450

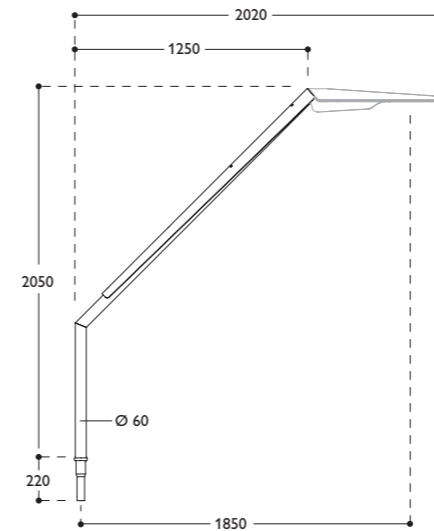


Sydney S550

## Technical specifications

<b>Material</b>	Cast aluminium
<b>Mounting to luminaire</b>	Dedicated Harmony 1 and Harmony 2 with D mounting system
<b>Mounting to support</b>	Side: mounting with 2 M8 screws, fixing center 300mm (Sydney S450), 500mm (Sydney S550). Compatible with Accante conical steel pole (top Ø 60, 62, 76 or 89 mm with inserts) or Aloa conical pole in aluminium (top Ø 90mm with inserts)  Wall bracket: mounting with 3 points, fixing centre 110x500mm
<b>Tilt angle</b>	7° (Harmony 1), 2° (Harmony 2)
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

# Wing

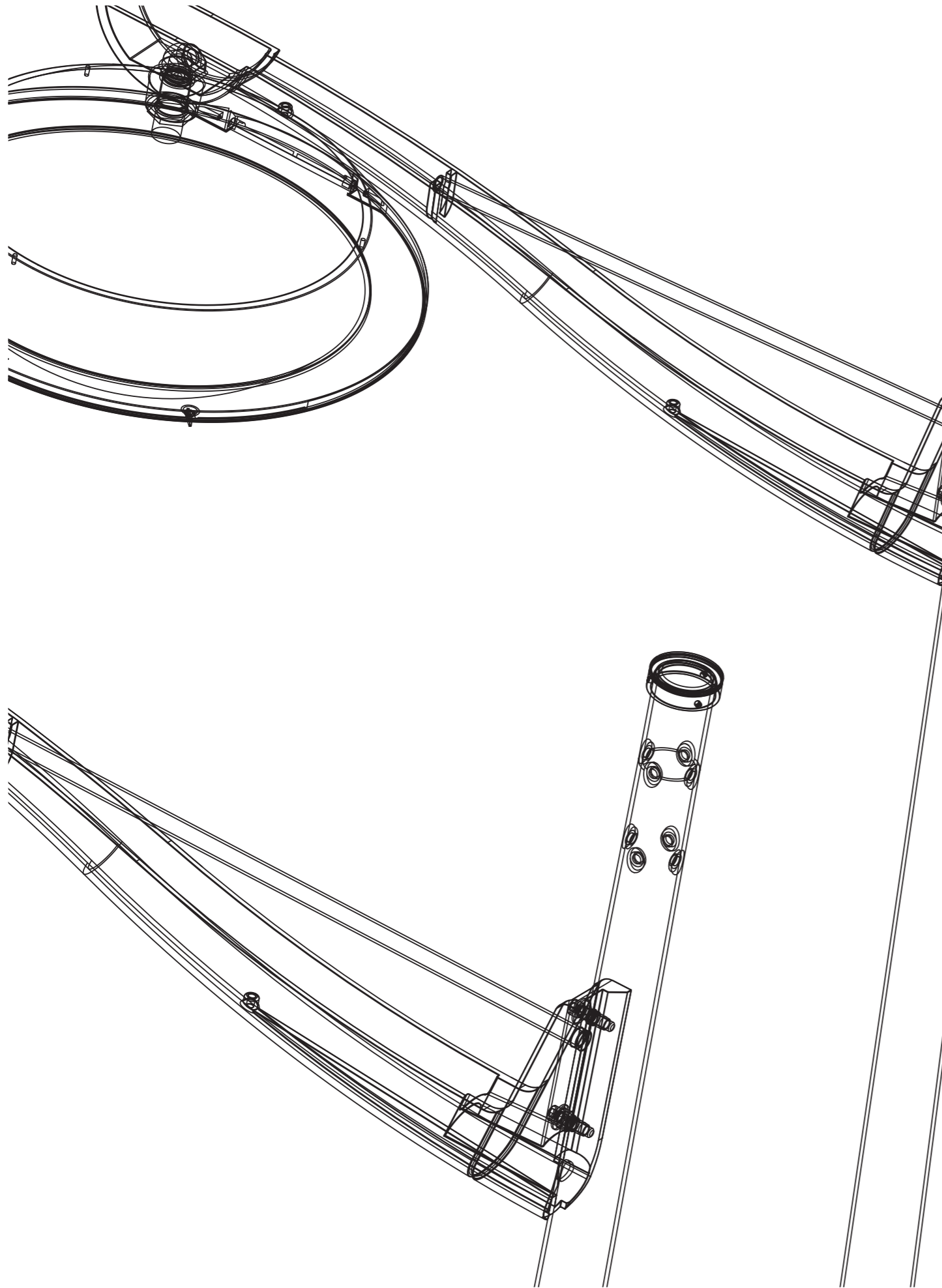


Wing L1250

## Technical specifications

<b>Material</b>	Steel bracket with composite decor
<b>Mounting to luminaire</b>	Dedicated Speedstar with lateral mounting system (BGP322 and BGP323 lateral)
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 mm with 2x4 threaded holes)
<b>Tilt angle</b>	0°. Tilt adjustment on luminaire (up to 5°)
<b>Finish</b>	Polyester coating in RAL colours or Futura Gris 900 Sablé or satin metallised grey (PBG501SBF4MG Dupont). Standard colour: Satin metallised grey (PBG501SBF4MG Dupont) Bi-colour as an option. Recommended bi-colour: Philips Ultra Dark Grey 10714 (bracket base and pole) and satin metallised grey (Speedstar and bracket decor)
<b>Certification</b>	CE certification in accordance with standard EN40



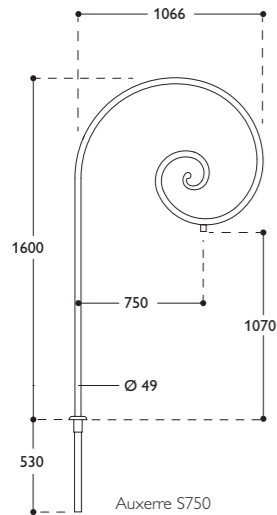


# Standard brackets

<b>Auxerre</b> _____	256	<b>Phi</b> _____	260
<b>Caravelle low</b> _____	256	<b>Salvador</b> _____	261
<b>Chandelier</b> _____	257	<b>Sao Paulo</b> _____	261
<b>Comores</b> _____	257	<b>Spline</b> _____	262
<b>IBX</b> _____	258	<b>Step</b> _____	262
<b>Kastelle</b> _____	258	<b>Tradition</b> _____	263
<b>Map</b> _____	259	<b>UrbanWave</b> _____	263
<b>Mayotte</b> _____	259	<b>Wy</b> _____	264
<b>Ourcelles</b> _____	260		



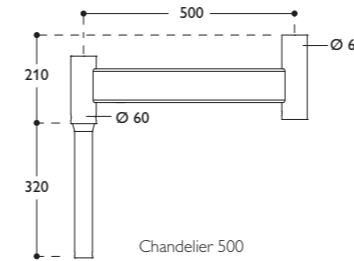
# Auxerre



## Technical specifications

<b>Material</b>	Steel
<b>Mounting to luminaire</b>	Suspended 27 pdg (3/4"G). Suspended 34 pdg (1"G) as an option
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60, 62, 76 or 89 mm with 2x4 threaded holes) or Aloa conical aluminium pole (top Ø 90 mm with 2x4 inserts)  Side: mounting with 2 M8 screws, fixing center 500 mm (Auxerre S500), 750 mm (Auxerre S750) & 900 mm (Auxerre S900). Compatible with Accante conical steel pole (top Ø 60, 62, 76 or 89 mm with inserts) or Aloa conical aluminium pole (top Ø 90 mm with inserts)
<b>Tilt angle</b>	0°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

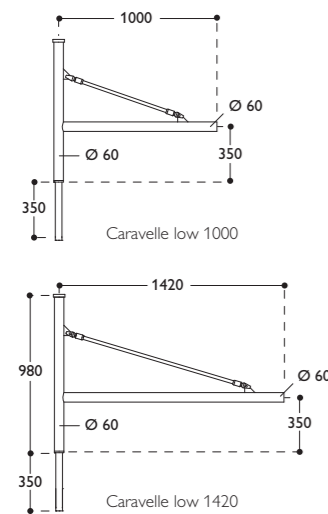
# Chandelier



## Technical specifications

<b>Material</b>	Extruded steel
<b>Mounting to luminaire</b>	Post-top Ø 60 mm
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60, 62 or 89 mm with 2x4 threaded holes)  Wall bracket: mounting with 2 points, fixing centre 180 mm
<b>Tilt angle</b>	0°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

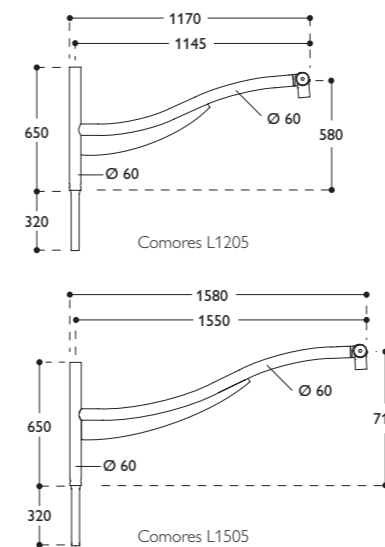
# Caravelle low



## Technical specifications

<b>Material</b>	Extruded aluminium
<b>Mounting to luminaire</b>	Side-entry Ø 60 mm and Ø 48 mm. Suspended Ø 34 pdg (1"G) as an option
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 or 62 mm with 2x4 threaded holes)  Rear bracket / wall bracket: mounting with 2 points, fixing centre 400 mm (Caravelle low L1000) and 500 mm (Caravelle L1000)
<b>Tilt angle</b>	0°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

# Comores

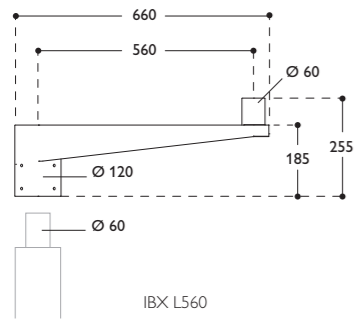


## Technical specifications

<b>Material</b>	Steel
<b>Mounting to luminaire</b>	Side-entry Ø 60 and 48 mm or suspended Ø 34 pdg (1"G)
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 or 62 mm with 2x4 threaded holes)  Rear bracket / wall bracket: mounting with 2 points, fixing centre 235 mm
<b>Tilt angle</b>	2.3°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40



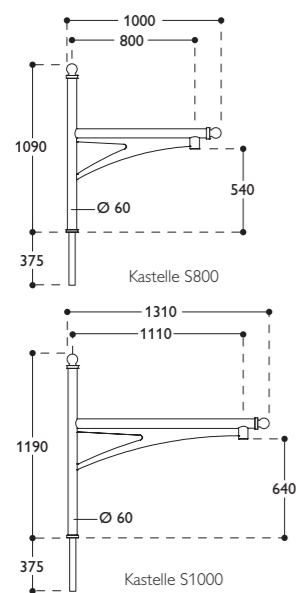
# IBX



## Technical specifications

<b>Material</b>	Cast aluminium
<b>Mounting to luminaire</b>	Post-top Ø 60 mm
<b>Mounting to support</b>	Post-top cap. Dedicated Altua tubular aluminium pole Ø 120mm (specific top spigot Ø 60mm L 100mm) Wall bracket: mounting with 2 points, fixing centre 145 mm
<b>Tilt angle</b>	0°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

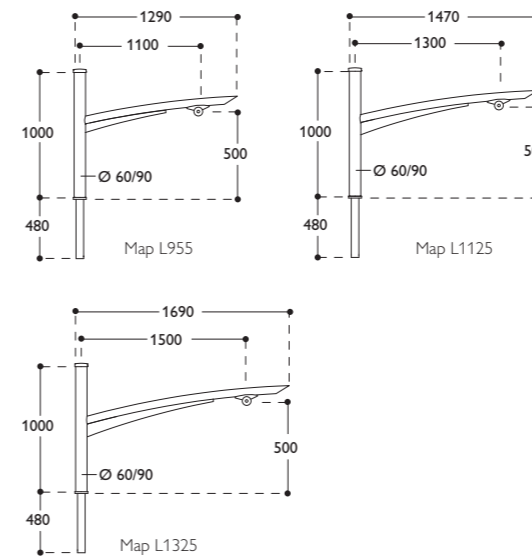
# Kastelle



## Technical specifications

<b>Material</b>	Extruded aluminium
<b>Mounting to luminaire</b>	Suspended Ø 34 pdg (1" G)
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 or 62mm with 2x4 threaded holes) Wall bracket: mounting with 3 points, fixing centre 110x500 mm Rear bracket: mounting with 2 points, fixing centre 400mm
<b>Tilt angle</b>	0°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

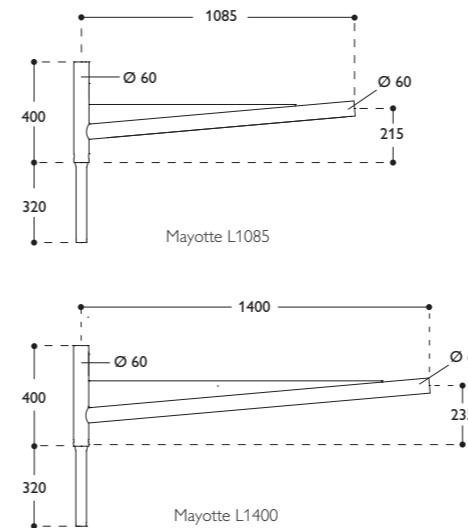
# Map



## Technical specifications

<b>Material</b>	Extruded aluminium
<b>Luminaire mounting</b>	Articulated top (Alliance SA or Harmony SA)
<b>Mounting on pole</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60, 62 or 89 mm with 2x4 threaded holes) and Aloa conical aluminium pole (top Ø 90 mm with 2x4 inserts) Rear bracket: mounting with 2 points, fixing centre 200 mm Wall bracket: mounting with 3 points, fixing centre 110x310 mm
<b>Tilt angle</b>	10°. Tilt adjustment on luminaire
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

# Mayotte

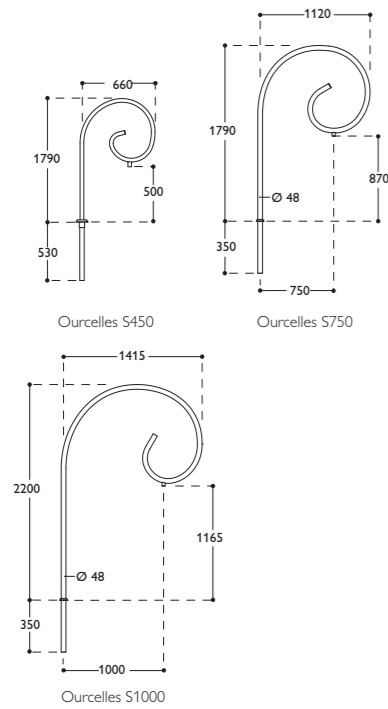


## Technical specifications

<b>Material</b>	Extruded aluminium
<b>Mounting to luminaire</b>	Side-entry Ø 60mm
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 or 62mm with 2x4 threaded) Wall bracket: mounting with 2 points, fixing centre 220mm
<b>Tilt angle</b>	5°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40



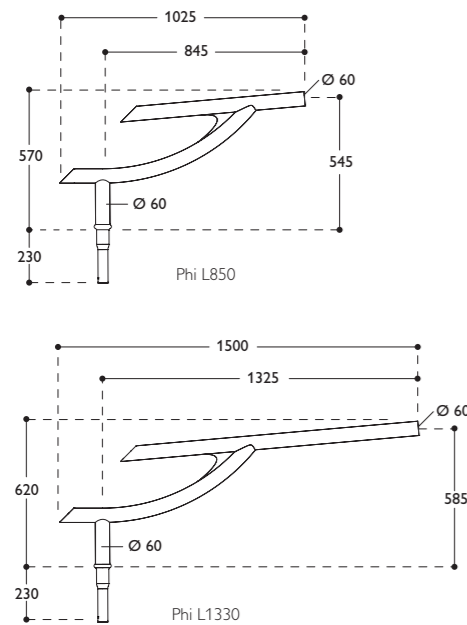
# Ourcelles



## Technical specifications

<b>Material</b>	Extruded steel
<b>Mounting to luminaire</b>	Suspended 27pdg (3/4"G) or 34pdg (1"G) with AD accessory
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60, 62, 76 or 89 mm with 2x4 threaded holes) or Aloa conical aluminium pole (top Ø 90 mm with 2x4 inserts)  Side and wall: mounting with 2 points, fixing centre 450mm (S450), 750mm (S750) & 1000mm (S1000). Compatible with Accante conical steel pole (top Ø 60, 62, 76 or 89 mm with inserts) or Aloa conical aluminium pole (top Ø 90 mm with inserts)
<b>Tilt angle</b>	0°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

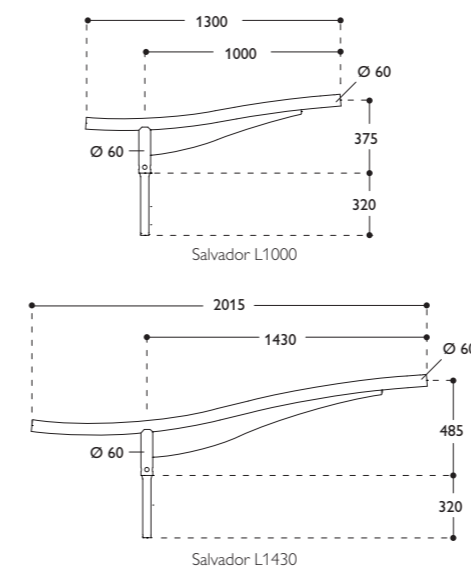
# Phi



## Technical specifications

<b>Material</b>	Steel
<b>Mounting to luminaire</b>	Side-entry Ø 60 mm
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 mm with 2x4 threaded holes)
<b>Tilt angle</b>	5°
<b>Finish</b>	Polyester coating in RAL colours or Futura Gris 900 Sablé. Standard colour: Light grey (RAL 7035)
<b>Certification</b>	CE certification in accordance with standard EN40

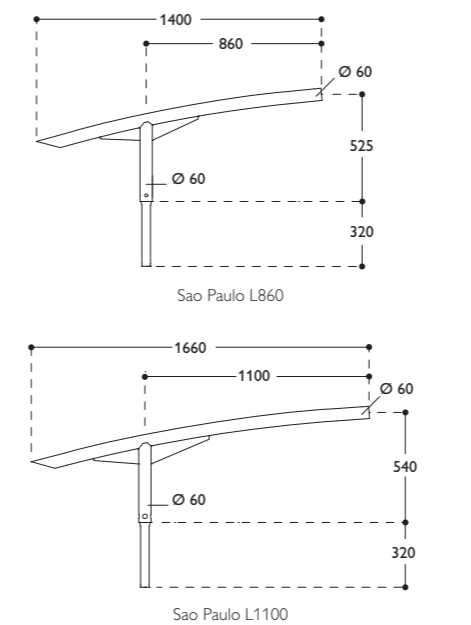
# Salvador



## Technical specifications

<b>Material</b>	Extruded steel
<b>Mounting to luminaire</b>	Side-entry Ø 60 mm
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 or 62 mm with 2x4 threaded holes)  Rear bracket / wall bracket: mounting with 2 points, fixing centre 270 mm. Compatible with Accante conical steel pole (top Ø 60 or 62 mm with inserts)
<b>Tilt angle</b>	5° (Salvador S1000), 4.4° (Salvador S1430)
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

# Sao Paulo

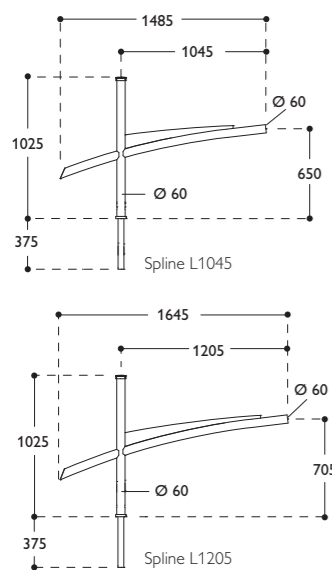


## Technical specifications

<b>Material</b>	Extruded steel
<b>Mounting to luminaire</b>	Side-entry Ø 60 mm
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 or 62 mm with 2x4 threaded holes)  Rear bracket / wall bracket: mounting with 2 points, fixing centre 270 mm. Compatible with Accante conical steel pole (top Ø 60 or 62 mm with inserts)
<b>Tilt angle</b>	6° (Sao Paulo S860), 4° (Sao Paulo S1100)
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40



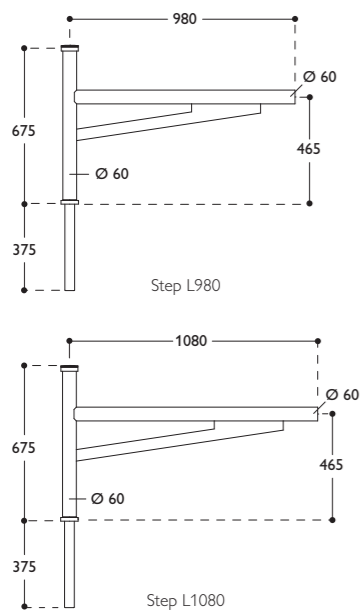
# Spline



## Technical specifications

<b>Material</b>	Extruded aluminium
<b>Mounting to luminaire</b>	Side-entry Ø 60 mm or dedicated Alliance 1&2 LAS mounting system
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 or 62 mm with 2x4 threaded holes) or Aloa conical aluminium pole (top Ø 90 mm with 2x4 inserts) Rear bracket / wall bracket: mounting with 2 points, fixing centre 250 mm
<b>Tilt angle</b>	9° (Alliance 1), 7° (Alliance 2)
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

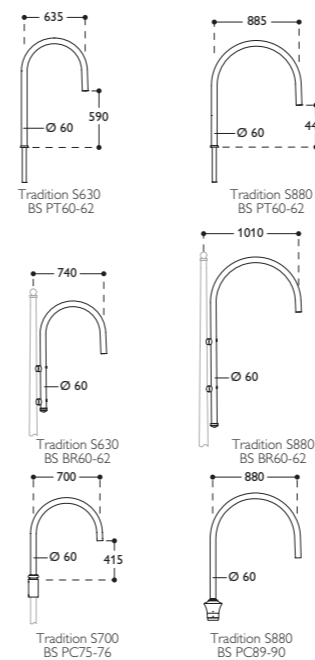
# Step



## Technical specifications

<b>Material</b>	Extruded aluminium
<b>Mounting to luminaire</b>	Side-entry Ø 60 mm or dedicated Alliance 1 LED and Alliance 2 LAS mounting system
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60, 89 or 62 mm with 2x4 threaded holes) or Aloa conical aluminium pole (top Ø 90 mm with 2x4 inserts) Rear bracket: mounting with 2 points, fixing centre 270 mm Wall bracket: mounting with 3 points, fixing centre 110x310 mm
<b>Tilt angle</b>	0°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

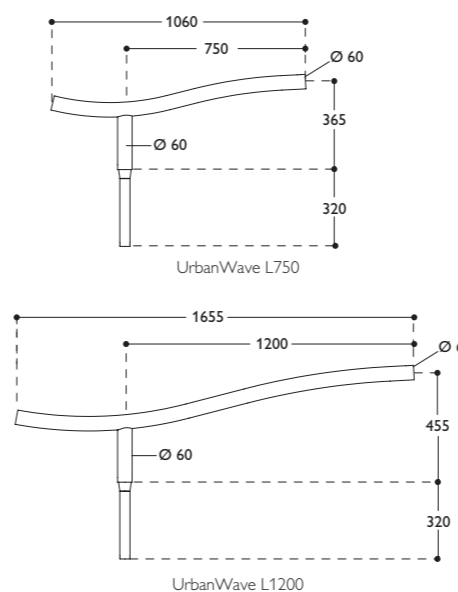
# Tradition



## Technical specifications

<b>Material</b>	Extruded cast aluminium
<b>Mounting to luminaire</b>	Suspended Ø 34 pdg (1" G)
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 or 62 mm with 2x4 threaded holes) Cap mounting. Compatible with Accante conical steel pole (top Ø 76 and 89 mm) or Aloa conical aluminium pole (top Ø 90 mm) Side-entry: mounting with Brace or Satellite adaptors with 2 points, fixing centre 350 mm. Compatible with Accante conical steel pole (top Ø 60 or 62 mm with 2x4 inserts) Wall bracket: mounting with 3 points, fixing centre 110x500 mm
<b>Tilt angle</b>	0°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

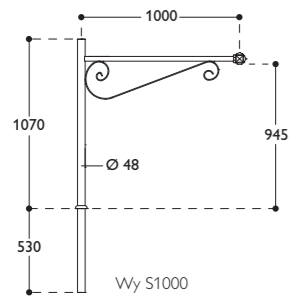
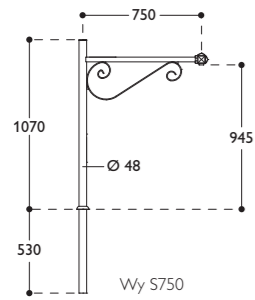
# UrbanWave



## Technical specifications

<b>Material</b>	Extruded steel
<b>Mounting to luminaire</b>	Side-entry Ø 60 mm (UrbanWave L1200) and Ø 48 mm (UrbanWave L750)
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60 or 62 mm with 2x4 threaded holes) Rear bracket / wall bracket: mounting with 2 points, fixing centre 250 mm
<b>Tilt angle</b>	3°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40





### Technical specifications

<b>Material</b>	Extruded steel
<b>Mounting to luminaire</b>	Post-top, suspended Ø 27 pdg (3/4") or 34 pdg (1" G) with AD accessory
<b>Mounting to support</b>	Post-top: tenon mounting. Compatible with Accante conical steel pole (top Ø 60, 62, 76 or 89 mm with 2x4 threaded holes) or Aloa conical aluminium pole (top Ø 90 mm with inserts) Rear bracket / wall bracket: mounting with 2 points, fixing centre 350 mm (S450), 420 mm (S750) & 560 mm (S1000). Compatible with Accante conical steel pole (top Ø 60, 62, 76 or 89 with inserts) or Aloa conical aluminium pole (top Ø 90 mm with inserts)
<b>Tilt angle</b>	0°
<b>Finish</b>	Polyester coating in RAL colours or Akzo Nobel Futura colours
<b>Certification</b>	CE certification in accordance with standard EN40

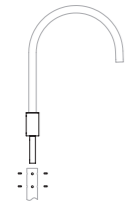


# Bracket mounting to support

## Post-top spigot

The dimensions of the mounting tenons vary from one bracket to another depending on the stress and strength requirements calculated by our technical department.

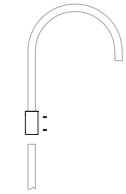
The brackets are mounted on poles with inserts or punctured at the top.



## Post-top cap

The bracket is provided with a covering cap, which allows direct insertion of a top pole without machine assembly.

The dimensions of the mountings vary from one bracket to another depending on the stress and strength requirements calculated by our technical department.

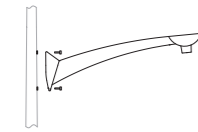


## Side mounting

The bracket is fixed laterally directly on the pole.

Pole machine assembly is required (inserts).

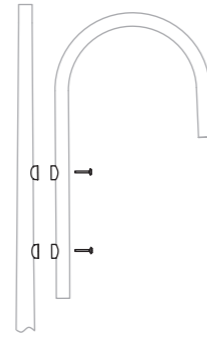
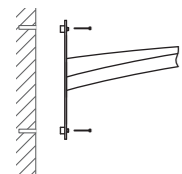
Type and number of screws vary from one bracket to another depending on the stress and strength requirements calculated by our technical department.



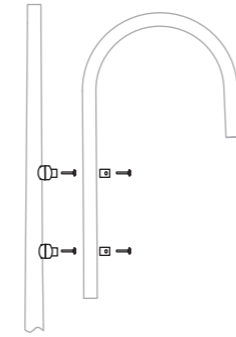
## Wall mounting

Wall mounted bracket is equipped with an interface that allows mounting to the wall.

The dimensions of the mountings vary from one bracket to another depending on the stress and strength requirements calculated by our technical department.



Brace Tradition mounting



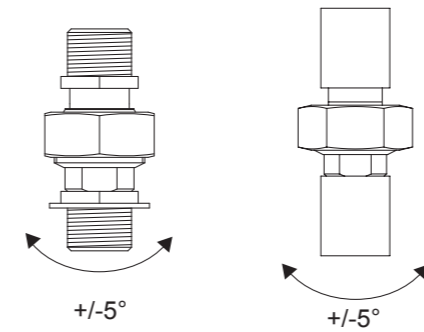
Satellite Tradition mounting

# Bracket mounting adaptors

## Female / Male or Male /Female swivel joint connector

The swivel joint connector is an interfacing part between the luminaire and the bracket, which ensures the vertical position of a suspended luminaire (+ or - 5°).

Male mounting: two threaded ends  $\varnothing 27$  pdg (3/4" G) or  $\varnothing 34$  pdg (1" G).  
Female mounting: two sleeves  $\varnothing 27$  pdg (3/4" G) or  $\varnothing 34$  pdg (1" G).

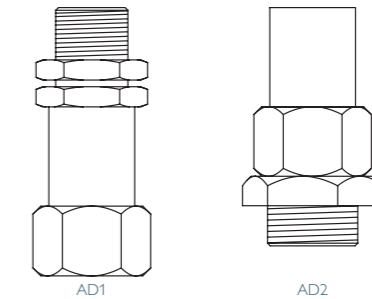


Male / Male swivel joint

Female / Female swivel joint

## AD1 and AD2 adaptors

AD1 and AD2 adaptors can adapt brackets for threaded end  $\varnothing 27$  pdg (3/4" G) to luminaires of  $\varnothing 34$  pdg (1" G) and vice-versa. These adaptors also allow the mounting system to be extended in order to ensure that the luminaire is not too close to the bracket.



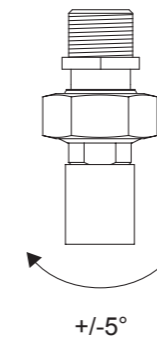
AD1

AD2

## Male / Female swivel joint connector

The swivel joint connector is an interfacing part between the luminaire and the bracket, which ensures the vertical position of a suspended luminaire (+ or - 5°).

Male mounting: threaded ends  $\varnothing 27$  pdg (3/4" G).  
Female mounting: sleeves  $\varnothing 27$  pdg (3/4" G) or  $\varnothing 34$  pdg (1" G).



+/-5°

## Standard EN40 certification

All the pole and bracket compositions have been made in strict compliance with standard EN40. For any requests for products that are not presented in this urban inspiration book or for stronger wind zones, please contact our sales support department if we can design products to meet the resistance requirements of your project.

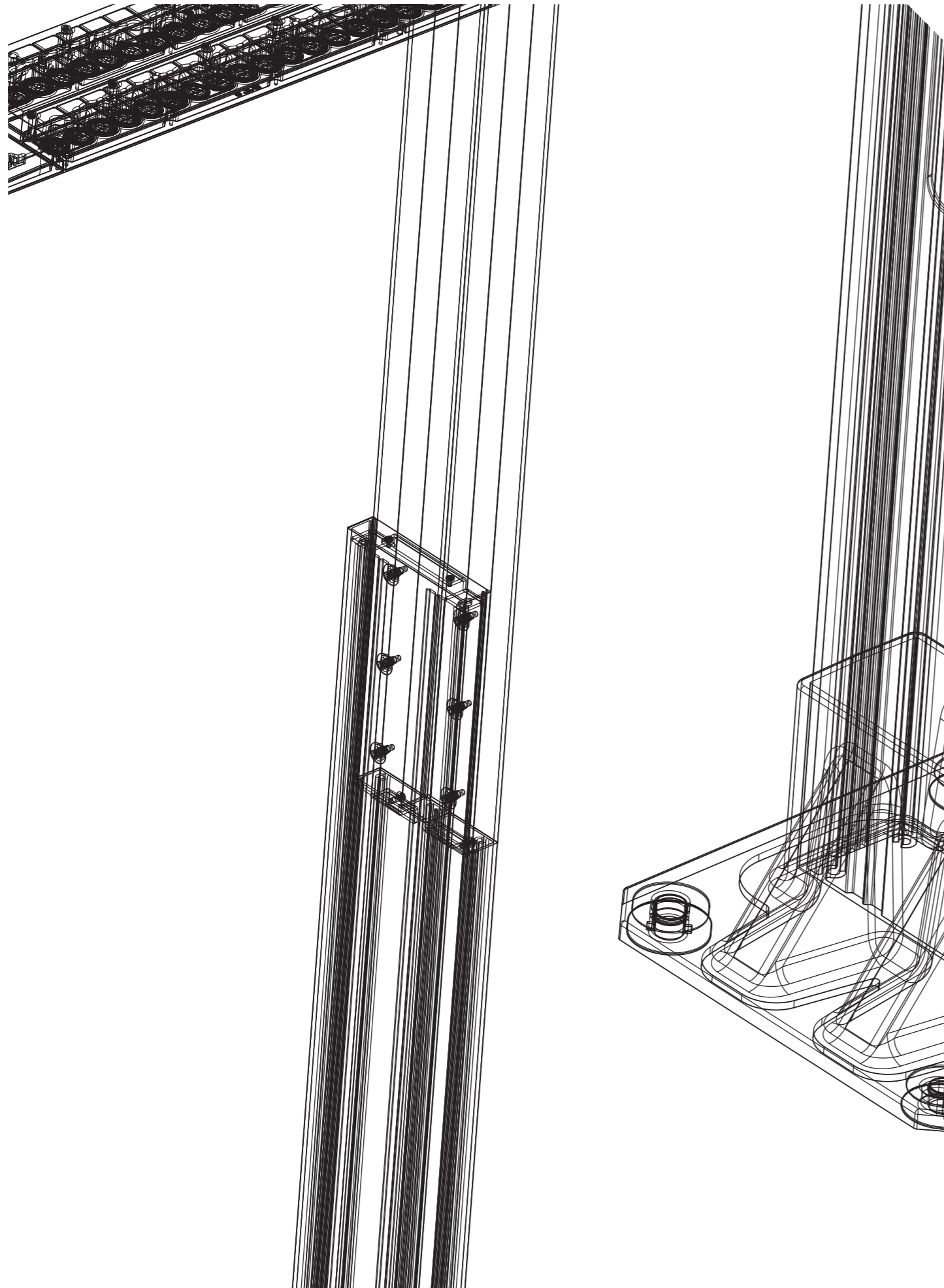


# Poles

Poles can give a modern or historic day and night time appearance, available in various dimensions and proportions. Philips poles are used for a multitude of lighting solutions, from simple to the most complex, combining luminaires, brackets, wall mounting brackets and multiple-arm brackets. In this chapter you can find the technical specifications for each pole, presented in the Urban Inspirational and Urban Functional chapters.





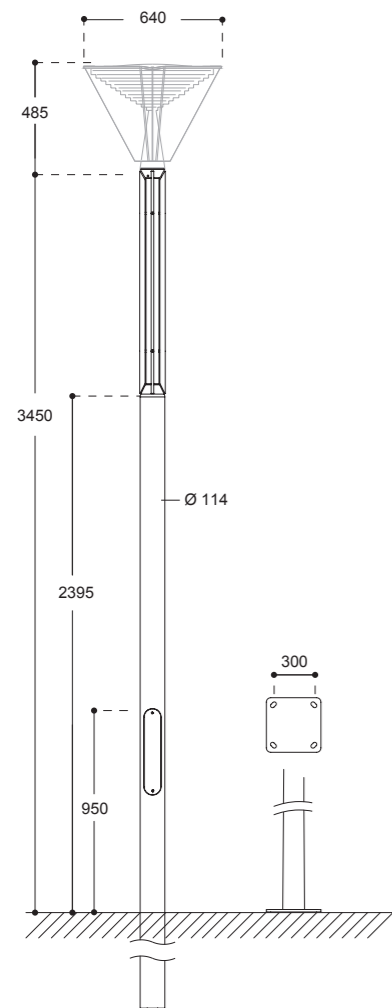


# Dedicated poles

<b>Arrow</b> _____	272	<b>MetroSpun</b> _____	285
<b>CitySpirit</b> inversed steel _____	273	<b>MetroTube</b> _____	286
<b>CitySpirit</b> inversed wooden _____	274	<b>MetroWood</b> _____	287
<b>CitySpirit</b> tilted _____	275	<b>Ocean Ambiance</b> steel _____	288
<b>Element</b> rectangle aluminium _____	276	<b>Ocean Ambiance</b> wooden _____	289
<b>Element</b> rectangle wood _____	277	<b>Ocean Road</b> curved _____	290
<b>Faubourg</b> _____	278	<b>Ocean Road</b> inclined _____	291
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<b>MetroLight</b> _____	283	<b>UrbanScene</b> stepped _____	296
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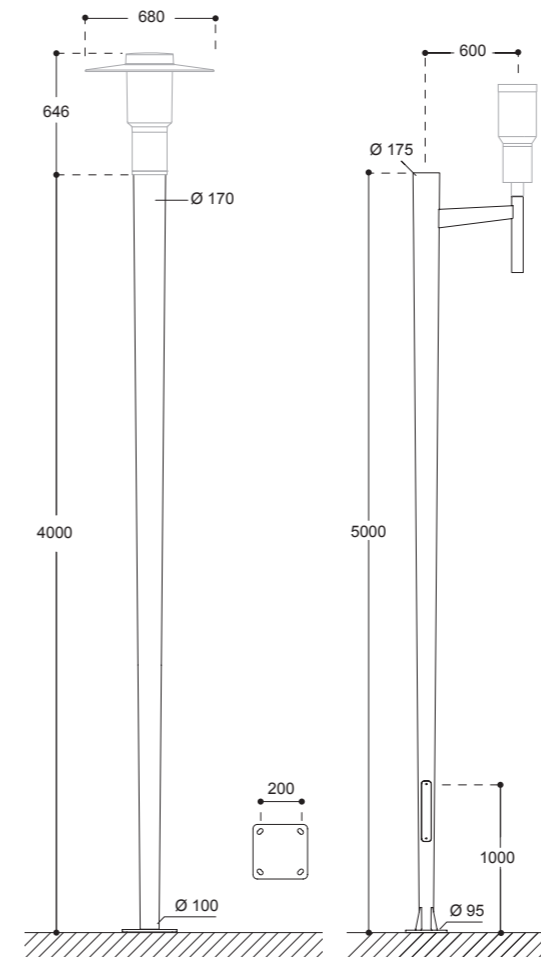
# Arrow



## Technical specifications

<b>Material</b>	Steel
<b>Mounting to luminaire</b>	Dedicated Parkview LED with 60P mounting system
<b>Pole height</b>	3.5m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Galvanised. Polyester coating finish on option (Swartsgrau, ALU grey, Graphite grey, Charcoal grey, Ocean blue, Moss green and Corten red) The wings can be painted as an option, in other colours than the pole or delivered in another material (stainless steel, bronze, brass)
<b>Certification</b>	CE certification in accordance with standard EN40

# CitySpirit inversed steel

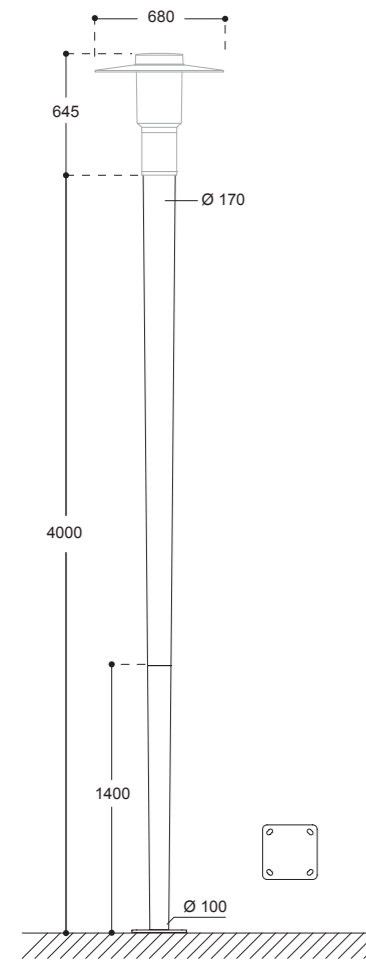


## Technical specifications

<b>Pole</b>	
<b>Material</b>	Steel
<b>Mounting to luminaire</b>	Dedicated CitySpirit LED Cone, Modern, Classic and Torch with 60P mounting system (BDS470, BDS460, BDS450, BDS462)
<b>Pole height</b>	3.5, 4, 4.5 and 5 m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Base plate
<b>Finish</b>	Polyester coating in RAL colours or Futura Gris 900 Sablé Standard colour: Philips Ultra Dark grey 10714
<b>Certification</b>	CE certification in accordance with standard EN40
<b>Bracket</b>	
<b>Material</b>	Steel
<b>Mounting to luminaire</b>	Dedicated CitySpirit LED Cone, Modern, Classic and Torch with 60P mounting system (BDS470, BDS460, BDS450, BDS462)
<b>Mounting to support</b>	Side-mounting
<b>Tilt angle</b>	0°
<b>Finish</b>	Polyester coating in RAL colours or Futura Gris 900 Sablé Standard colour: Philips Ultra Dark grey 10714
<b>Certification</b>	CE certification in accordance with standard EN40



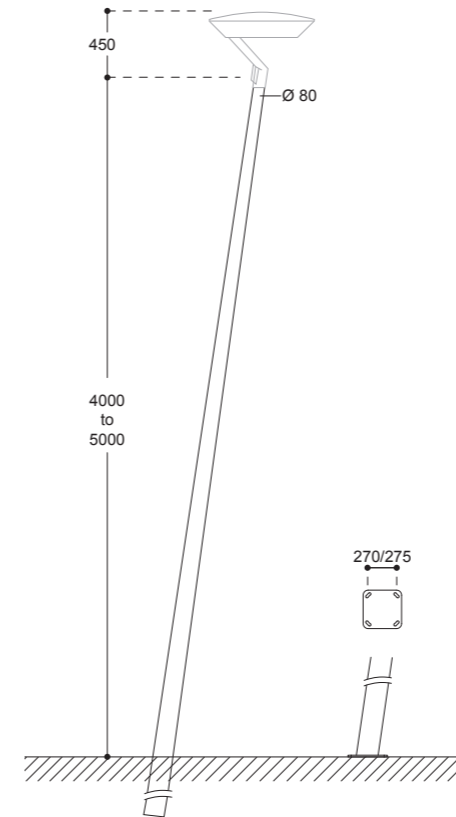
# CitySpirit inversed wooden



## Technical specifications

<b>Material</b>	Laminated pine and steel (base)
<b>Mounting to luminaire</b>	Dedicated CitySpirit LED Cone, Modern, Classic and Torch with 60P mounting system (BDS470, BDS460, BDS450, BDS462)
<b>Pole height</b>	4 and 5 m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Base plate
<b>Finish</b>	Steel: polyester coating in RAL colours or Futura Gris 900 Sablé Standard colour: Philips Ultra Dark Grey and Light grey Wood: translucent coloured protection Colour choice: amber, brown, bark, mahogany, light grey, grey, pitch black, black
<b>Certification</b>	Laminated pine from PEFC certified forest (PEFC: Program for Endorsement of Forest Certification)

# CitySpirit tilted

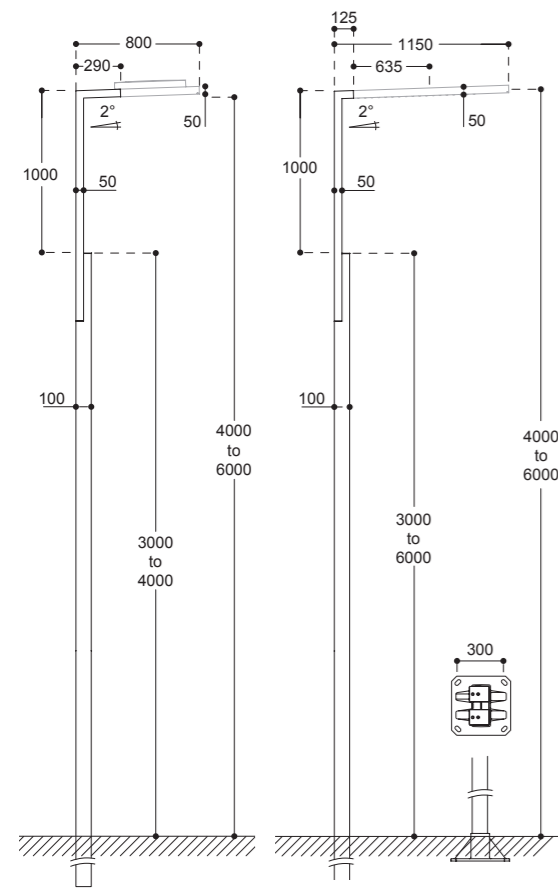


## Technical specifications

<b>Material</b>	Steel
<b>Mounting to luminaire</b>	Dedicated CitySpirit LED Urban (BDS480) with 60P mounting system
<b>Pole height</b>	3.5, 4, 4.5 and 5 m
<b>Tilt angle</b>	8°
<b>Installation type</b>	Base plate
<b>Finish</b>	Polyester coating finish in RAL colours or Futura Gris 900 Sablé Standard colour: Philips Ultra Dark Grey and Light grey
<b>Certification</b>	CE certification in accordance with standard EN40



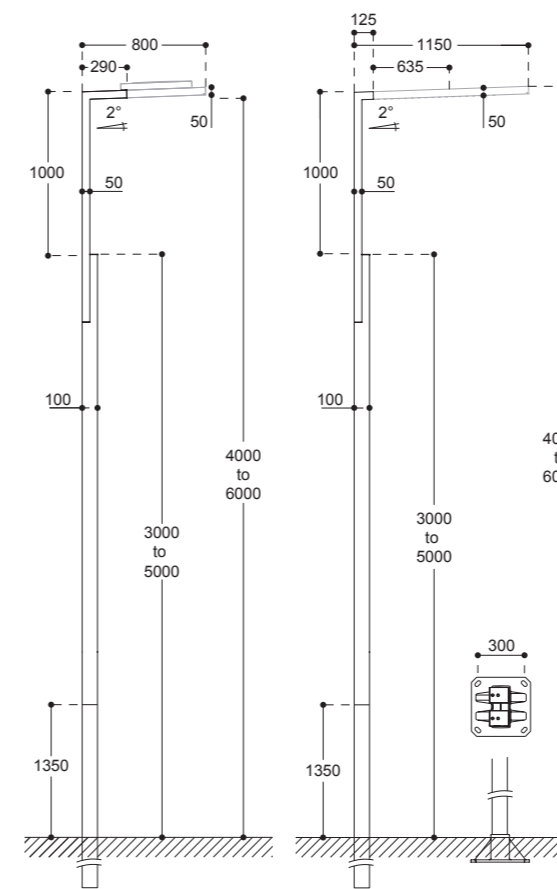
# Element rectangle aluminium



## Technical specifications

<b>Pole</b>	
<b>Material</b>	Extruded aluminium
<b>Pole height</b>	4, 5 and 6 m
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Polyester coating in RAL or Akzo Nobel Futura colours Suggested colours: Silver (base) and Platinum Akzo Nobel Futura (bracket and luminaire)
<b>Certification</b>	CE certification in accordance with standard EN40
<b>Bracket</b>	
<b>Material</b>	Extruded aluminium
<b>Mounting to luminaire</b>	Dedicated Element LED and Element ExaCT with Element rectangle mounting system
<b>Mounting to support</b>	Dedicated. Mounting with 2 M10 screws Adjustment by 2 M8 screws Rear bracket: mounting with 4 points
<b>Tilt angle</b>	2°
<b>Finish</b>	Polyester coating in RAL or Akzo Nobel Futura colours Suggested colours: Silver (pole) and Platinum Akzo Nobel Futura (bracket and luminaire)
<b>Accessory</b>	LED option (bracket base). Colour choice: white, green or blue
<b>Certification</b>	CE certification in accordance with standard EN40

# Element rectangle wood

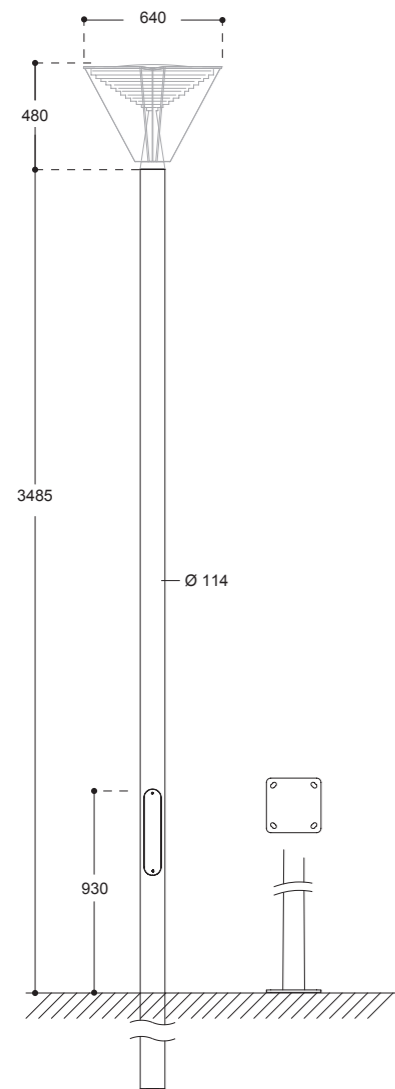


## Technical specifications

<b>Pole</b>	
<b>Material</b>	Laminated wood and aluminium (base)
<b>Pole height</b>	4, 5 and 6 m
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Aluminium: polyester coating in RAL or Akzo Nobel Futura colours Wood: translucent coloured protection. Choice of colour: Light Oak, Dark Oak, Chestnut, Mahogany, Ebony, Spice, Cask, Memory, Origin and Mist Suggested colours: Mahogany (pole) and Platinum Akzo Nobel Futura (bracket, base and luminaire)
<b>Certification</b>	CE certification in accordance with standard EN40
<b>Bracket</b>	
<b>Material</b>	Extruded aluminium
<b>Mounting to luminaire</b>	Dedicated Element LED and Element ExaCT with Element rectangle mounting system
<b>Bracket fixing to pole</b>	Specific. Mounting with 2 M10 screws. Adjustment by 2 M8 screws
<b>Tilt angle</b>	2°
<b>Finish</b>	Polyester coating in RAL or Akzo Nobel Futura colours Suggested colours: Mahogany (pole) and Platinum Akzo Nobel Futura (bracket, base and luminaire)
<b>Certification</b>	CE certified



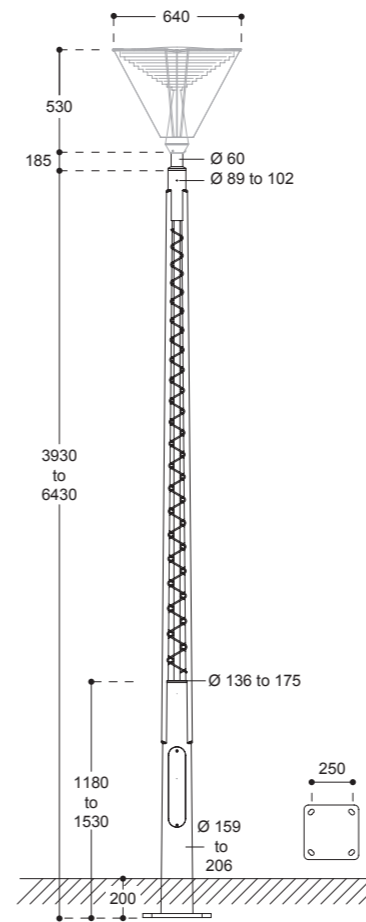
# Faubourg



## Technical specifications

<b>Material</b>	Aluminium
<b>Mounting to luminaire</b>	Dedicated Parkview LED with 60P mounting system
<b>Pole height</b>	3, 3.5, 4.5 or 6 m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Ground section
<b>Finish</b>	Natural, anodised. Anodised in selected colours or polyester coating finish on option (RAL)
<b>Certification</b>	CE certification in accordance with standard EN40

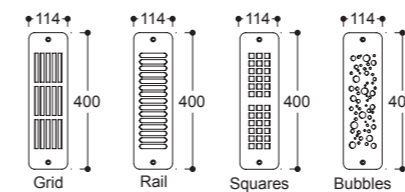
# Filigree



## Technical specifications

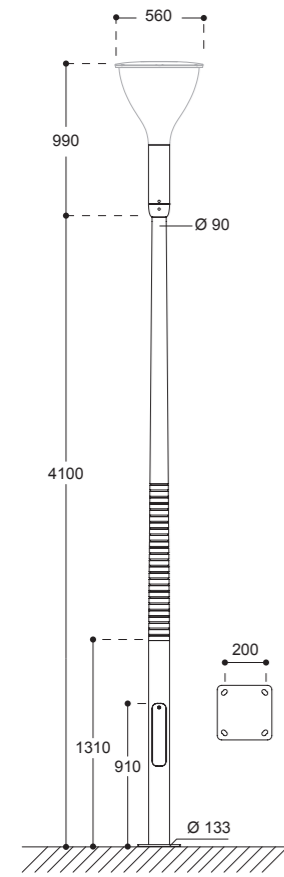
<b>Material</b>	Steel
<b>Mounting to luminaire</b>	Dedicated Parkview LED with 60P mounting system
<b>Pole height</b>	3.93, 5.58 and 6.43 m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Ground section
<b>Finish</b>	Galvanised. Polyester coating finish on option (Swartsgrau, ALU grey, Graphite grey, Charcoal grey, Ocean blue, Moss green and Corten red)
<b>Accessories</b>	LED uplight LED illuminated cover plate (grid, rail, squares and bubbles)
<b>Certification</b>	CE certification in accordance with standard EN40

## Accessories





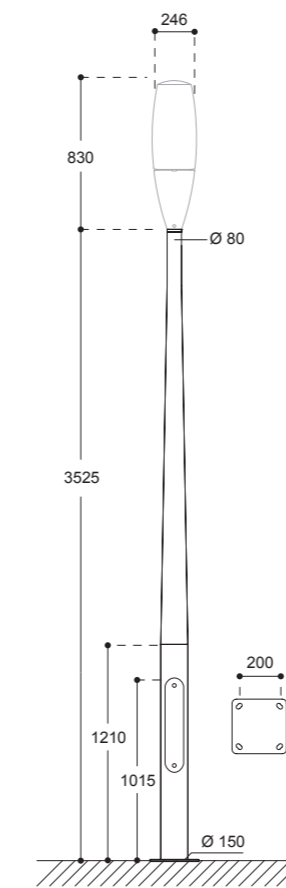
# MetroCone



## Technical specifications

<b>Material</b>	Laminated wood and steel (base)
<b>Mounting to luminaire</b>	Dedicated Metronomis LED Sharp BDS660, Fluid BDS670, Torch BDS650, Torch with Hat BDS651 with 60 mounting system (Transition Part for post-top Ø 60 mm)
<b>Pole height</b>	3.5 and 4 m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Wood: translucent coloured protection. Standard colour: Dark wood or Deep blue. Steel: polyester coating in RAL and Futura Gris 900 Sablé Standard colour: Philips Ultra Dark Grey 10714 or Philips MetroLight grey.
<b>Certification</b>	Laminated pine from PEFC certified forest (PEFC: Program for Endorsement of Forest Certification)

# MetroConical

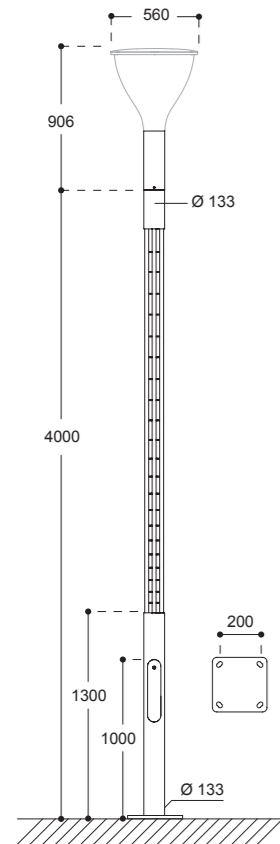


## Technical specifications

<b>Material</b>	Aluminium
<b>Mounting to luminaire</b>	Dedicated Metronomis with standard mounting system (CDS550, CDS530, CDS580, CDS560 and CDS570)
<b>Mounting to bracket</b>	Dedicated Metronomis curved and straight brackets
<b>Pole height</b>	3.5, 4.5 and 6 m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Base plate
<b>Finish</b>	Polyester coating. Standard colour: Philips Ultra Dark grey 10714. Other colours available on request
<b>Certification</b>	CE certification in accordance with standard EN40



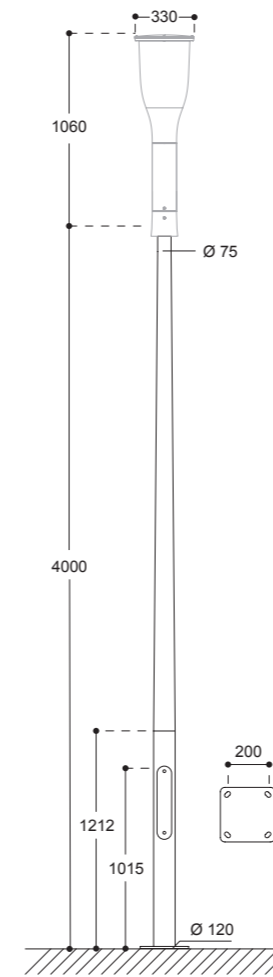
# MetroLat



## Technical specifications

<b>Material</b>	Steel
<b>Mounting to luminaire</b>	Dedicated Metronomis LED Sharp BDS660, Fluid BDS670, Torch BDS650, Torch with Hat BDS651 with SP mounting system
<b>Pole height</b>	3.5 and 4 m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Polyester coating in RAL or Futura Gris 900 Sablé Standard colour: Philips Ultra Dark Grey 10714 or Philips MetroLight grey
<b>Certification</b>	CE certification in accordance with standard EN40

# MetroLight

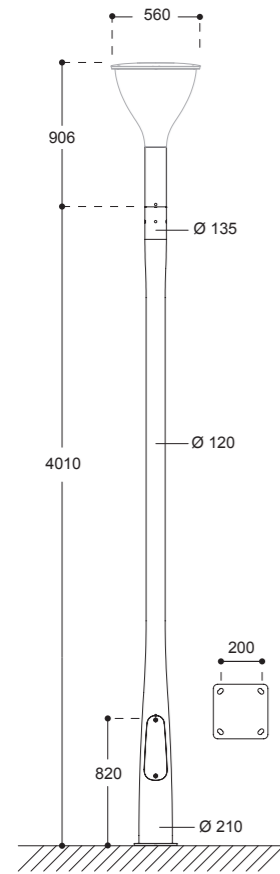


## Technical specifications

<b>Material</b>	Aluminium
<b>Mounting to luminaire</b>	Dedicated Metronomis LED Sharp BDS660, Fluid BDS670, Torch BDS650, Torch with Hat BDS651 with mounting system SP-BL or SP-WWW or SP-NW (Spigot for wash light with different colours)
<b>Pole height</b>	3.5 and 4 m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Polyester coating in RAL or Futura Gris 900 Sablé Standard colour: Philips Ultra Dark Grey 10714 or Philips MetroLight grey
<b>Certification</b>	CE certification in accordance with standard EN40



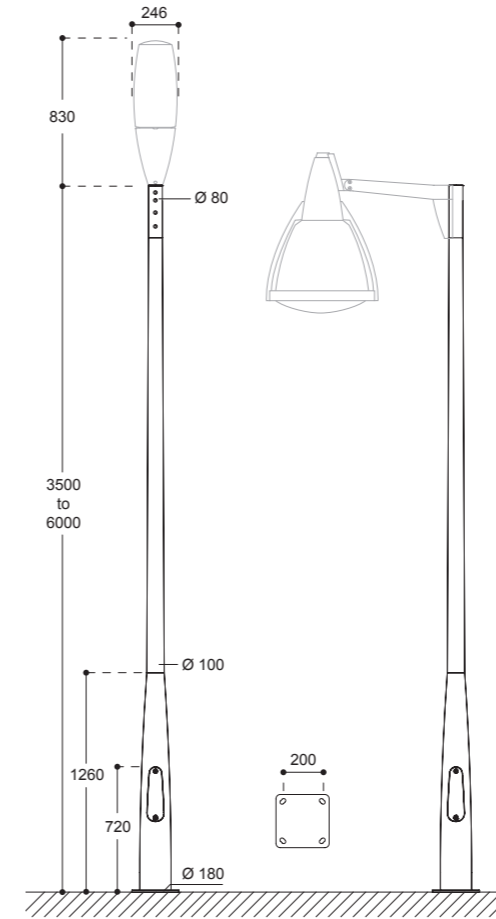
# MetroRiginal



## Technical specifications

<b>Material</b>	Aluminium
<b>Mounting to luminaire</b>	Dedicated Metronomis LED Sharp BDS660, Fluid BDS670, Torch BDS650, Torch with Hat BDS651 with mounting system SP
<b>Pole height</b>	3.5 and 4 m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Polyester coating in RAL or Futura Gris 900 Sablé Standard colour: Philips Ultra Dark Grey 10714 or Philips MetroLight grey
<b>Certification</b>	CE certification in accordance with standard EN40

# MetroSpun

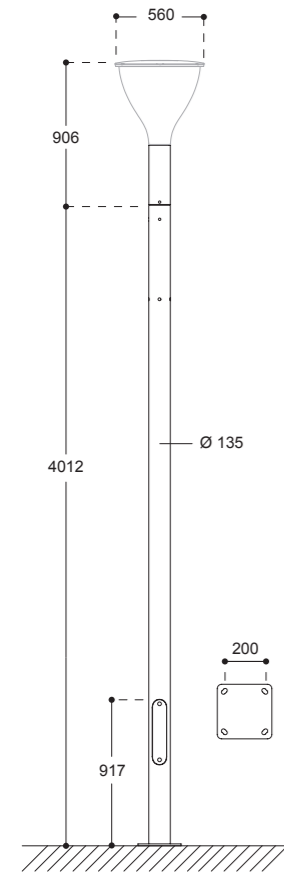


## Technical specifications

<b>Material</b>	Aluminium
<b>Mounting to luminaire</b>	Dedicated Metronomis with standard mounting system (CDS550, CDS530, CDS580, CDS560 and CDS570)
<b>Mounting to bracket</b>	Dedicated Metronomis curved and straight brackets
<b>Pole height</b>	3.5, 4.5 and 6 m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Base plate
<b>Finish</b>	Polyester coating, Standard colour: Philips Ultra Dark grey 10714. Other colours available on request
<b>Certification</b>	CE certification in accordance with standard EN40



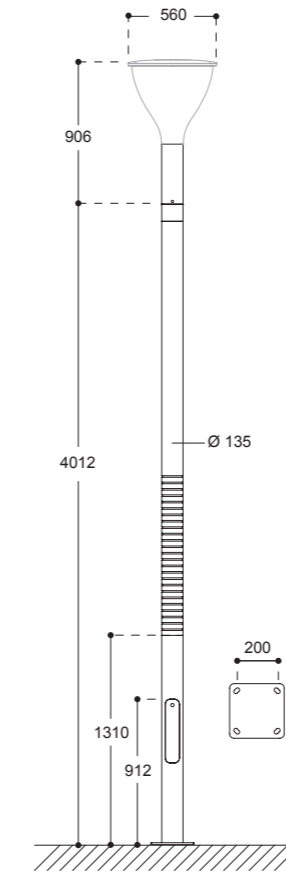
# MetroTube



## Technical specifications

<b>Material</b>	Aluminium
<b>Mounting to luminaire</b>	Dedicated Metronomis LED Sharp BDS660, Fluid BDS670, Torch BDS650, Torch with Hat BDS651 with SP mounting system
<b>Pole height</b>	3.5 and 4 m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Polyester coating in RAL or Futura Gris 900 Sablé Standard colour: Philips Ultra Dark Grey 10714 or Philips MetroLight grey
<b>Certification</b>	CE certification in accordance with standard EN40

# MetroWood

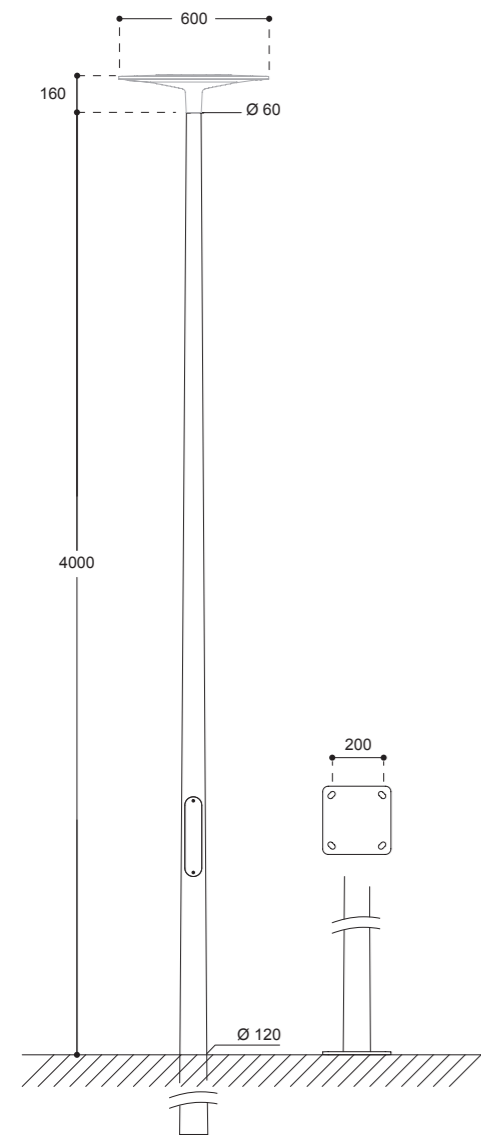


## Technical specifications

<b>Material</b>	Laminated wood and steel (base)
<b>Mounting to luminaire</b>	Dedicated Metronomis LED Sharp BDS660, Fluid BDS670, Torch BDS650, Torch with Hat BDS651 with SP mounting system
<b>Pole height</b>	3.5 and 4 m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Wood: translucent coloured protection. Standard colour: Dark wood or Deep blue. Other colours available on request Steel: polyester coating in RAL or Futura Gris 900 Sablé Standard colour: Philips Ultra Dark Grey 10714 or Philips MetroLight grey
<b>Certification</b>	Laminated pine from PEFC certified forest (PEFC: Program for Endorsement of Forest Certification)



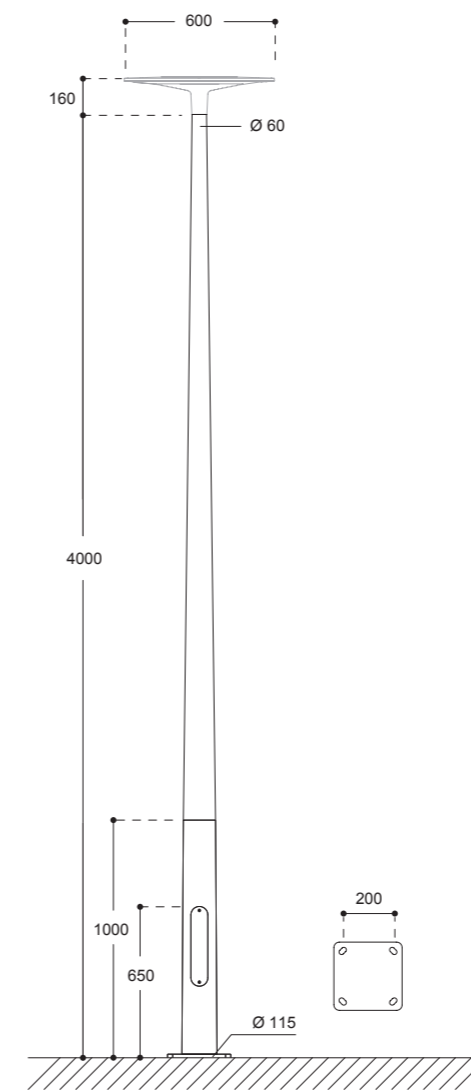
# Ocean Ambiance steel



## Technical specifications

<b>Material</b>	Steel
<b>Mounting to luminaire</b>	Post-top mounting. Dedicated Ocean Ambiance LED
<b>Pole height</b>	4 m
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Polyester coating in RAL or Akzo Nobel Futura colours Suggested colour: Platinum (Akzo Nobel Futura)
<b>Certification</b>	CE certification in accordance with standard EN40

# Ocean Ambiance wooden

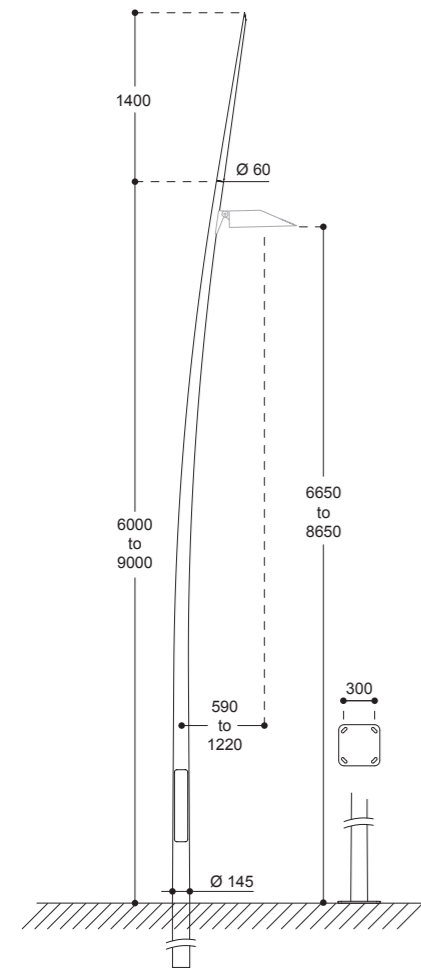


## Technical specifications

<b>Material</b>	Laminated wood and steel (base)
<b>Mounting to luminaire</b>	Post-top mounting. Dedicated Ocean Ambiance LED
<b>Pole height</b>	5, 6, 7 and 8 m
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Steel and aluminium part: polyester coating in RAL or Akzo Nobel Futura colours. Suggested colour: Platinum (Akzo Nobel Futura) Wood: translucent coloured protection. Choice of colour: Light Oak, Dark Oak, Chestnut, Mahogany, Ebony, Spice, Cask, Memory, Origin and Mist
<b>Certification</b>	CE certification in accordance with standard EN40



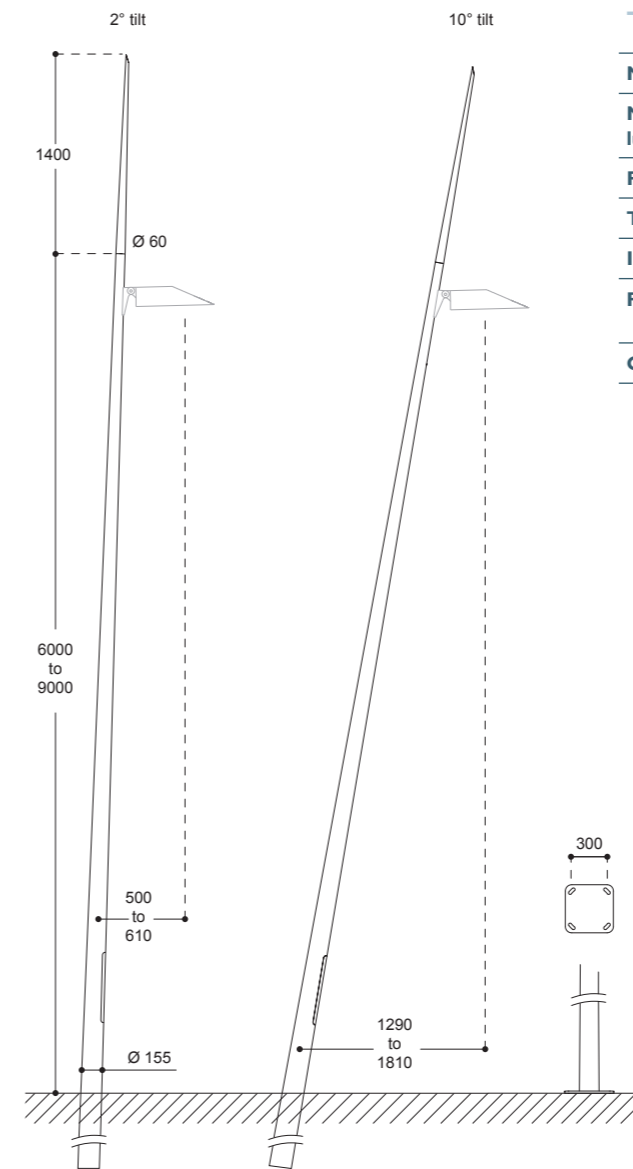
# Ocean Road curved



## Technical specifications

<b>Material</b>	Steel (pole) and cast aluminium (top point)
<b>Mounting to luminaire</b>	Side mounting. Dedicated Ocean Road with FR mounting system
<b>Pole height</b>	6, 7, 8 and 9 m
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Polyester coating in RAL or Akzo Nobel Futura colours Suggested colour: Platinum (Akzo Nobel Futura)
<b>Certification</b>	CE certification in accordance with standard EN40

# Ocean Road inclined

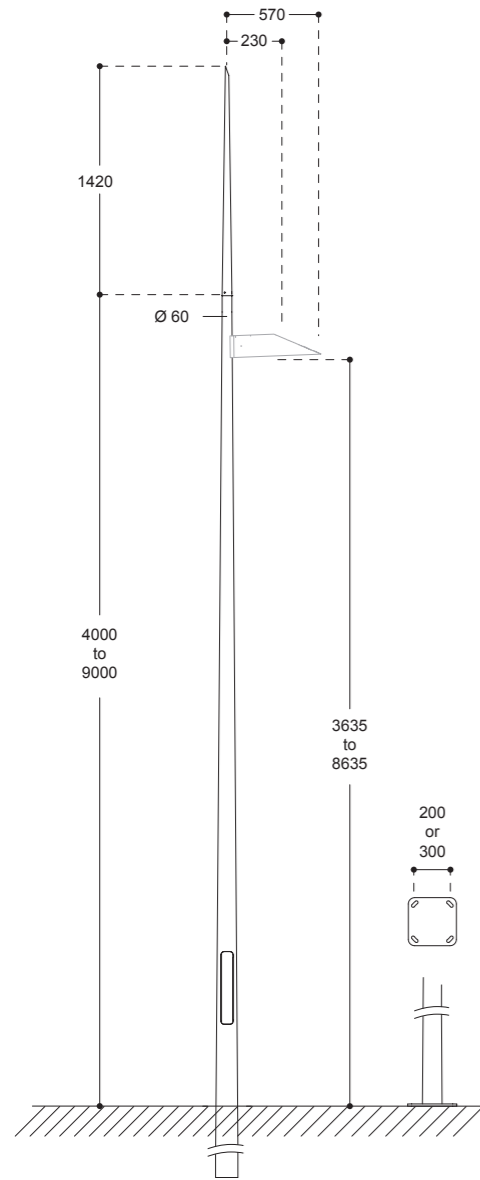


## Technical specifications

<b>Material</b>	Steel (pole) and cast aluminium (top point)
<b>Mounting to luminaire</b>	Side mounting. Dedicated Ocean Road with FD mounting system. Up to 4 luminaires (spiral version)
<b>Pole height</b>	6, 7, 8 and 9 m
<b>Tilt</b>	2 (DP) or 10° (SP)
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Polyester coating in RAL or Akzo Nobel Futura colours Suggested colour: Platinum (Akzo Nobel Futura)
<b>Certification</b>	CE certification in accordance with standard EN40



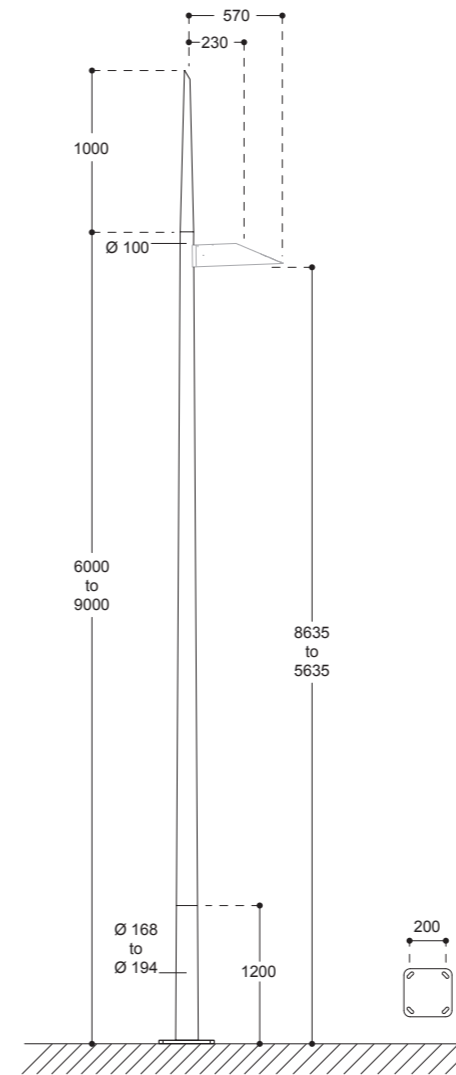
# Ocean Road straight



## Technical specifications

<b>Material</b>	Steel (pole) and cast aluminium (top point)
<b>Mounting to luminaire</b>	Side mounting. Dedicated Ocean Road with FD mounting system. Up to 4 luminaires (spiral version)
<b>Pole height</b>	5, 6, 7, 8 and 9 m
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Polyester coating in RAL or Akzo Nobel Futura colours Suggested colour: Platinum (Akzo Nobel Futura)
<b>Certification</b>	CE certification in accordance with standard EN40

# Ocean Road wooden

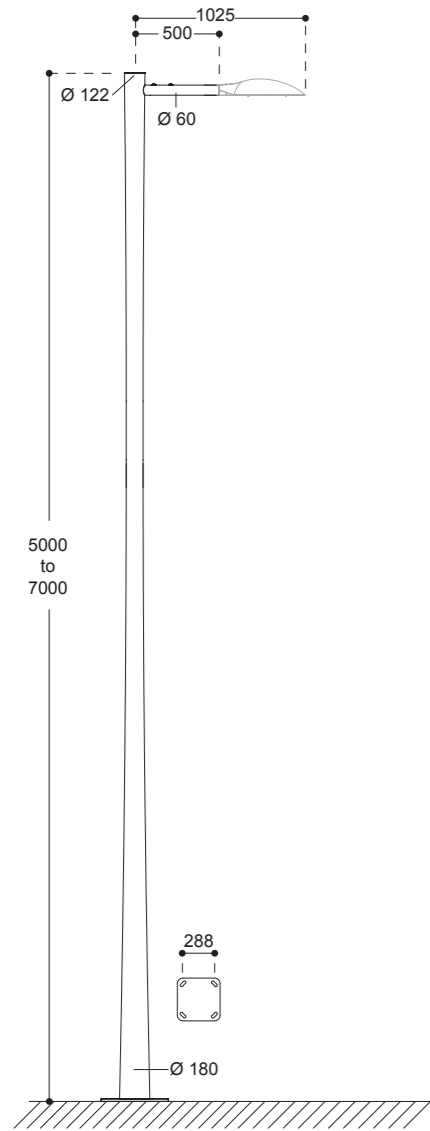


## Technical specifications

<b>Material</b>	Laminated wood, steel (base) and aluminium (top point)
<b>Mounting to luminaire</b>	Side mounting. Dedicated Ocean Road with FD mounting system. Up to 4 luminaires (spiral version)
<b>Pole height</b>	5, 6, 7 and 8 m
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Steel and aluminium part: polyester coating in RAL or Akzo Nobel Futura colours Suggested colour: Platinum (Akzo Nobel Futura) Wood: translucent coloured protection. Choice of colour: Light Oak, Dark Oak, Chestnut, Mahogany, Ebony, Spice, Cask, Memory, Origin and Mist
<b>Certification</b>	CE certification in accordance with standard EN40



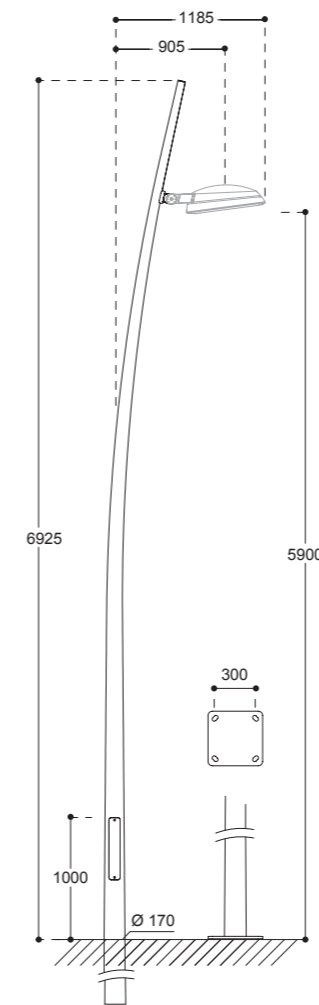
# Slend



## Technical specifications

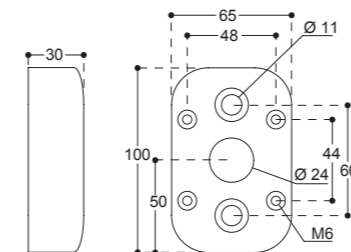
<b>Pole</b>	
<b>Material</b>	Aluminium
<b>Top section diameter</b>	122 mm
<b>Base section diameter</b>	180 mm
<b>Pole height</b>	5, 6 and 7 m
<b>Tilt angle</b>	0°
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Polyester coating in RAL or Futura Gris 900 Sablé
<b>Certification</b>	CE certification in accordance with standard EN40
<b>Bracket</b>	
<b>Material</b>	Aluminium
<b>Mounting to luminaire</b>	Dedicated MileWide2 LED BRP 432 (side-entry Ø 48 mm)
<b>Mounting to support</b>	Side mounting
<b>Tilt angle</b>	0°
<b>Finish</b>	Polyester coating in RAL or Futura Gris 900 Sablé
<b>Certification</b>	CE certification in accordance with standard EN40

# Sweep



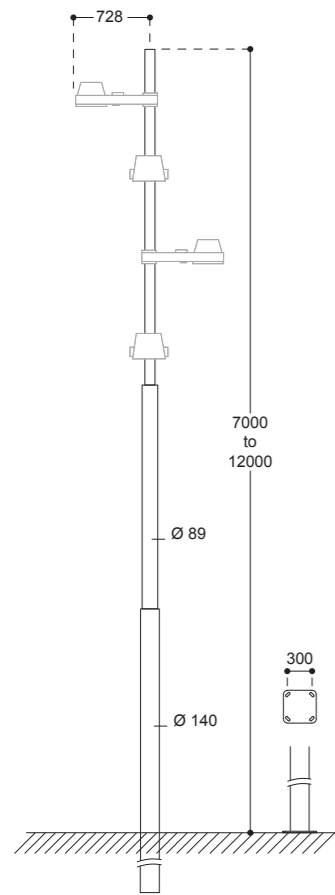
## Technical specifications

<b>Pole</b>	
<b>Material</b>	Steel
<b>Pole height</b>	7, 8, 9, 10 and 11 m
<b>Tilt angle</b>	22°
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Polyester coating in RAL or Futura Gris 900 Sablé Standard colour: Philips Ultra Dark Grey 10714 Other colours available on request
<b>Certification</b>	CE certification in accordance with standard EN40
<b>Bracket</b>	
<b>Material</b>	Cast aluminium
<b>Mounting to luminaire</b>	Dedicated CitySoul LED with MBA mounting system (CGP430 MBA, CGP431 MBA, BGP430 MBA, BGP431 MBA)
<b>Bracket fixing to pole</b>	Side: mounting with 2 M10 screws
<b>Tilt angle</b>	Tilt adjustment on luminaire (MBA mounting system)
<b>Finish</b>	Polyester coating in RAL or Futura Gris 900 Sablé Standard colour: Philips Ultra Dark Grey 10714 Other colours available on request
<b>Certification</b>	CE certification in accordance with standard EN40



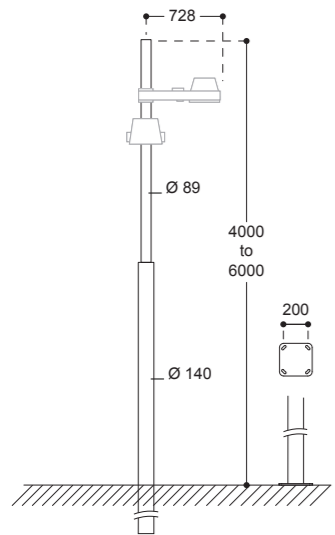


# UrbanScene stepped



## Technical specifications

<b>Material</b>	Aluminum or steel
<b>Mounting to luminaire</b>	Side mounting
<b>Pole height</b>	4, 5, 6, 7, 8, 9, 10, 11 and 12 m
<b>Installation type</b>	Ground section and base plate
<b>Finish</b>	Polyester coating finish. Standard colour: Philips Ultra Dark grey 10714. Other colours available on request
<b>Certification</b>	CE certification in accordance with standard EN40







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