

New edges for the new
lighting age



CITY CENTRIC

Features [manufacturing and quality]

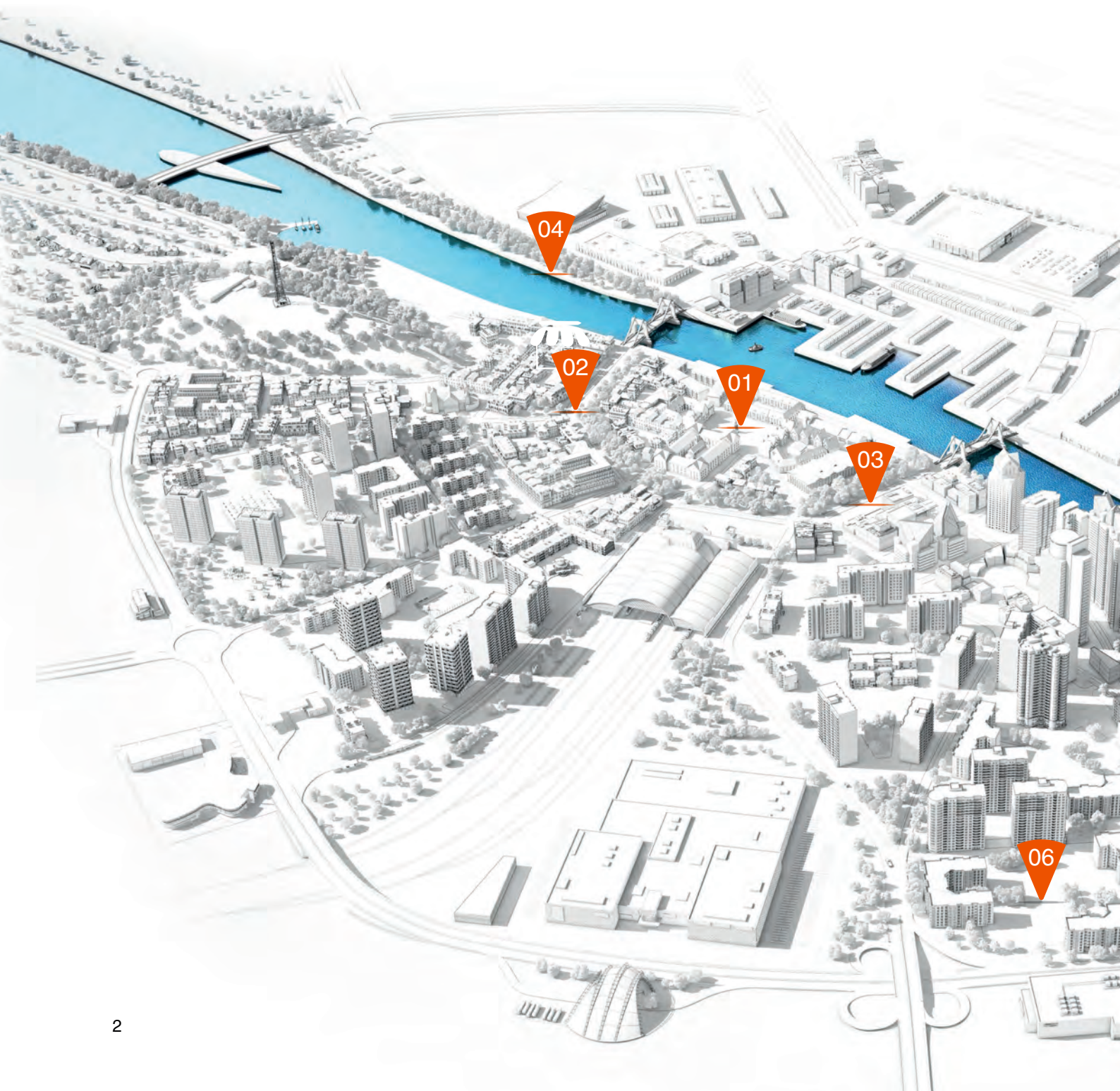
LED	AL
CE	IP 66
ENEC (pending)	IK 08 Flat Glass
Class I	IK 10 Plastic Bowl
Class II	

CITYCENTRIC

& Historical Districts

CityCentric range of families have been engineered to integrate state-of-the-art LED technologies into the most appreciated and cared environments.

- 01** Historical Districts
- 02** Streets and Avenues
- 03** Shopping Areas
- 04** Walking & Recreational Paths
- 05** Parks and Gardens
- 06** Residential Areas
- 07** Business Areas





CORDOBAdesign

ZT Zenithal
CY Catenary
ST Suspended
SE Side-entry
WM Wall Mounted
PT Post-top



GRANADAdesign

ZT Zenithal
CY Catenary
ST Suspended
SE Side-entry
WM Wall Mounted
PT Post-top



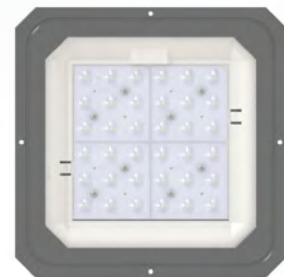
CASIOPEAdesign

ZT Zenithal
CY Catenary
ST Suspended
SE Side-entry
WM Wall Mounted
PT Post-top



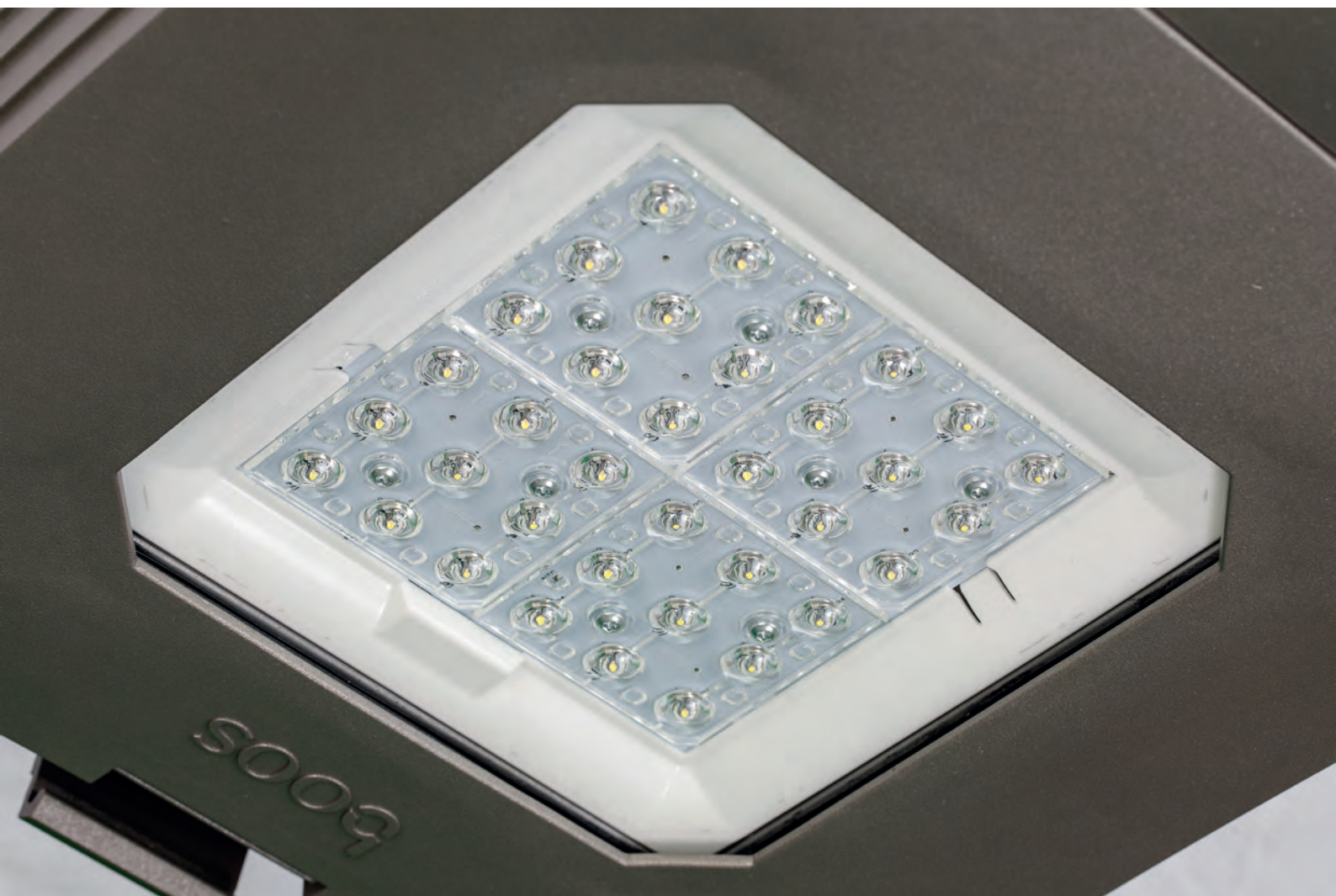
VILLANUEVAclassic

ST Suspended
PT Post-top



HORIZONTALretrofitting



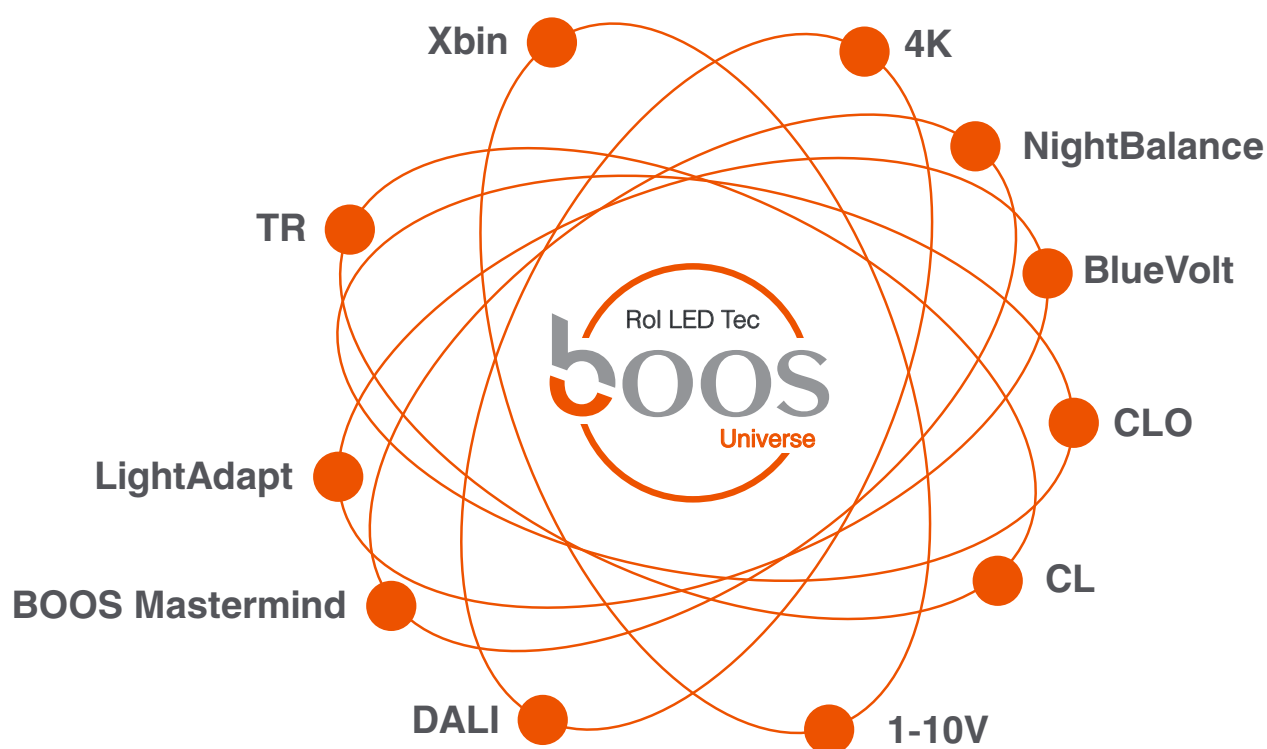


ROILEDtec

City Centric grants that operating and servicing cost are minimized and initial cost will be quickly amortized since you will need less luminaires, lower wattage and you can add the advantages of the countless functionalities and options.

Own and proprietary lenses & optics and a reliable thermal system are the key factors to obtain an unbeatable lumens/watt ratio. Adjustable LED arrays and electronic drivers proclaim a lifetime of up to 100000hr (L80B20).

Easy plug-and-work technology minimizes initial installation cost. Optical and electronic systems can be replaced on-site at the end of its service life.



Flexiflux

Due to the flexibility of the LED technology, lighting source and our goal to deliver the most appropriate configuration to our clients and customers, to meet all the requirements of their lighting systems, BOOS developed Flexiflux functionality.

Thanks to Flexiflux there will always be more than three options of City Centric configuration to choose, depending on the focus of the owner of the lighting system: lifetime of the installation, performance, efficiency, price or Return on Investment.

LightAdapt

Unlike many other competitors, BOOS only installs own and proprietary lenses inside its luminaires.

Designing and manufacturing our lenses only by us and for us, allows that the light emitted by the fittings adapts to an uncountable number of lighting system layouts.

TR (thermally reliable)

Functionality included in the LED's PCB and in the driver that, by regulating the output current of the driver, dims down or even turns off the fitting, in case the system, occasionally or temporarily, reaches a critical temperature limit settled in-factory.

Xbin

XBin step MacAdam functionality shows the critical importance of delivering long-term consistent colour and securing long-term color uniformity of the fittings for the whole lifetime and beyond. City Centric fittings secure XBin for the whole range of colour temperatures from warm to neutral and from cool to daylight.

4K

A surge protector (or surge suppressor) is a built-in system that limits the voltage supplied to the electrical parts, from voltage spikes, including those caused by lightning or standard operations in the power network. Our standard solution grants an optimal 4K protection. (10K protection under request).

NightBalance

In-factory pre-set, before delivery, of multi-step dimming of up to 5 time periods and up to 5 lighting levels, grants countless possible light outputs to manage and monitor the requirements needed during peak-hours, middle of the night and all the transitional periods before, in between and after them. Stand-alone configuration and high-efficient functionality that makes the fullest use of all the strengths of LED luminaires in maximizing the energy savings in off-peak hours.

Future-proof functionality can be reprogrammed in case of future upgrade of our LEDs arrays due to technological advancement.



BlueVolt

BlueVolt reduces the light output of the luminaire proportionally to the reduction of the amplitude of the mains voltage. Pre-programmed cost-beneficial 3-step dimming functionality can grant the lifetime of the LEDs performance.

CLO (constant lumen output)

Dimming the fitting from the beginning and increasing the power of the LED system inversely to the lumen depreciation curve of the LED due to its aging process, we can obtain energy savings, extended life-time of the LEDs & the complete system, and secure that the luminous flux is maintained over the time.

CL

Group of luminaires control system that allows reducing the fittings' luminous flux, and thus their consumption, in off-peak hours by means of a secondary 230V line. Following our flexibility philosophy, the reduced lighting level can be obtained both when the CL is activated or when it is not activated, as requested by the client.

1-10V

Continuous (step-free) analogue control-signal dimming functionality 1-10V allows delivering lighting levels from 10% output current of the driver up to 100% without the need to set any single or multistep level. This functionality can complement our NightBalance functionality.

DALI

DALI functionality provides another more element to monitor and control the lighting levels providing continuous dimming, thus minimizing energy consumption and reducing maintenance cost.

Using open standard protocol, DALI enhances flexibility and simplifies design of a lighting project. At the same time, it allows implementing a third company's management control systems in our fitting.

BOOS Mastermind

Telemanagement system for monitoring, controlling, metering and diagnosing outdoor lighting systems.

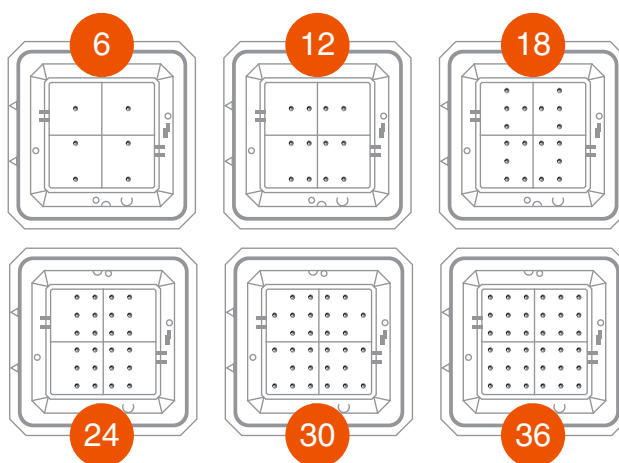
ROILEDtec

Configurations from 6 to 36 LEDs* & 200 mA to 700 mA

With our Configurator System, we are able to provide different options for a given lumen package.

According to the lighting specifications we can deliver solutions that will differ in number of LEDs, lifespan, energy savings and TCO (Total Cost of Ownership).

*Casiopea fitting integrates up to 81LEDs configuration. See Casiopea configuration page.

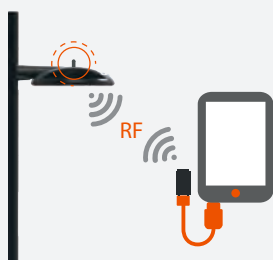


LEDs	NEUTRAL WHITE		NEUTRAL WHITE		L80B20
	MIN(lm)	MAX(lm)	MIN(lm)	MAX(lm)	
6	1000	1750	8	16	100
12	2000	3500	15	26	100
18	3000	5000	21	37	100
24	4000	7000	27	51	100
30	5000	8500	34	61	100
36	6000	10000	41	74	100

*The above mentioned data are based on 4000K
Also we can provide 2700K, 3000K, 5000K and Amber

LOCAL boos control

- Luminaire with integrated antenna and built-in controller.
- DALI driver.
- Powermeter.
- Drivers with memory.
- Creation of different programs.
- Loading programs through the drivers.
- Individual or group control.
- System identification.



- No license fees.
- No servers.
- 100% safe.

REMOTE boos control

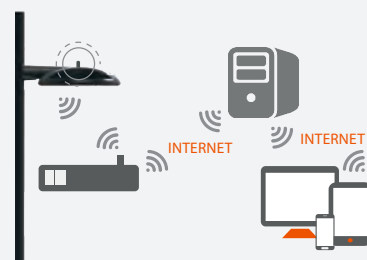
- Luminaire with integrated antenna and built-in controller.
- DALI driver.
- Powermeter.
- Drivers with memory.
- Creation of different programs.
- Personalized gateway with internet connection.
- Loading programs through gateway.
- Incidents consumption registration at the gateway.
- Individual or group control with only one instruction.
- System identification.



- No license fees.
- No servers.
- 100% safe.

GLOBAL boos control

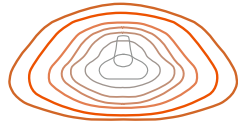
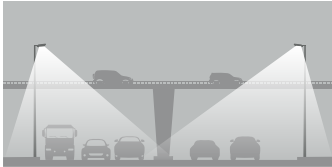
- Luminaire with integrated antenna and built-in controller.
- DALI driver.
- Powermeter.
- Creation of different programs.
- GPS geopositioning.
- Personalized gateway with internet connection.
- Program loading, registration of events, incidents and alarms consumptions through a web platform.
- Individual or group control.
- System identification.



- With annual costs for data support, monitoring and management.
- Integrated vertical system on the horizontal municipal platform.

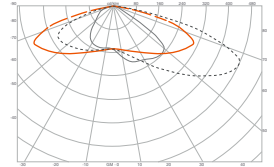
OPTICS available

ORW

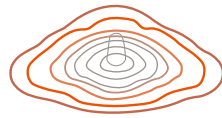


Installations Class M1-M2 $w=1,4h$; $S \geq 3,5h$.
Installations Class M in urban areas, with high speed motorized traffic.

Width (w) / Height (h): 1-1,4
Class (Installation): M1 - M2

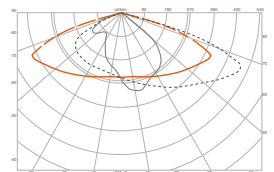


ORS

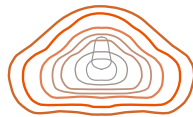
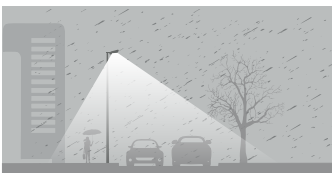


Installations Class M1-M2 $w=0,7-1h$; $S \geq 3,5h$.
Installations Class M in urban areas with high intensity and speed.

Width (w) / Height (h): 0,7-1
Class (Installation): M1 - M2

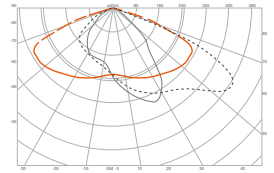


ORW2

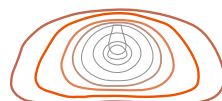


Installations Class "M1-M2" $w=1,4h$; $S \geq 3,5h$; for tilted lighting points or fittings with optical axis over the edge of the road.
Installation Class M in urban areas with high speed motorized.

Width (w) / Height (h): 0,7-1
Class (Installation): M1 - M2

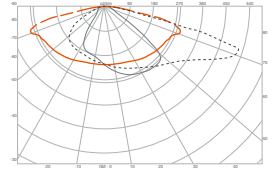


ORSH

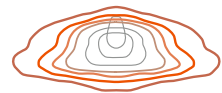
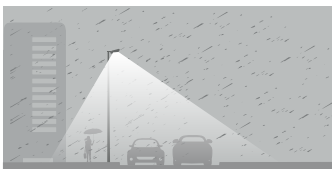


Installations Class M3 with $w=1,4h$; $S \geq 5h$.
Installations in city centers Class P1-P6 $w=1,4h$; $S \geq 8h$.

Width (w) / Height (h): 0,7-1
Class (Installation): M3 - M4

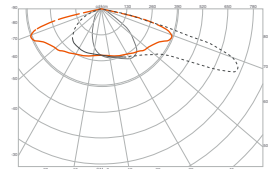


ORSX

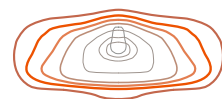


Installations Class M3 $w=1,4h$; $S \geq 4,5h$.
Installations Class M4 $w=1,4h$; $S \geq 5h$. Installations Class M in urban areas with motorized traffic.

Width (w) / Height (h): 1 - 1,4
Class (Installation): M3 - M4

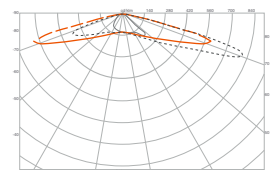


ORWY



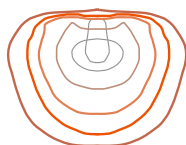
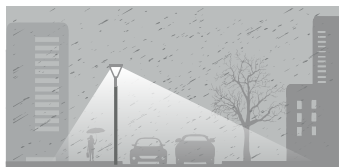
Installations "M3-M6" $w=0,7-1h$; $S \geq 4h$; Specially devoted for Smart Poles and Columns & Lighting Columns.
Installations "P1-P6" $w=0,7-1h$; $S \geq 5h$; Perfect solution for Bollards (lower height).

Width (w) / Height (h): 0,7-1
Class (Installation): P1 - P6



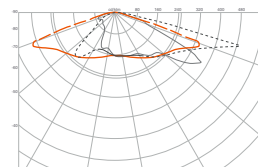
OPTICS available

ORWW

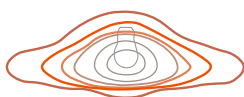


Installations Class "C0-C5" $w=0,7-1,4h$; $S \geq 3,5h$.
City center urban areas.

Width (w) / Height (h): 0,7-1,4
Class (Installation): C0 - C5

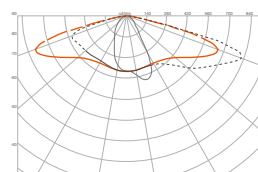


ORSY



Installations Class C3 $w=0,7-1h$; $S \geq 5h$.
City center.

Width (w) / Height (h): 0,7-1
Class (Installation): P1 - P6

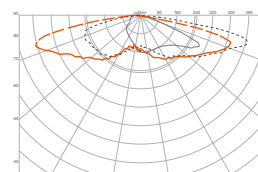


ORWX

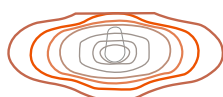


Installations "P1-P6" $w=0,7-1,4h$; $S \geq 3,5h$;
complying with semi-cylindrical or vertical
illuminances values.
Specially designed for areas where recognition of
faces and vertical surfaces takes on considerable
importance. City center urban areas.

Width (w) / Height (h): 0,7-1,4
Class (Installation): P1 - P6

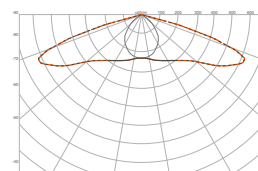


ORN

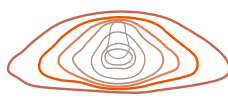


Layouts with $w=0,7-1h$, with lighting pole place in
the center of the transversal section. Single-side
lighting layouts with transversal $w=0,7h$ with tilted.
Installations Class C2-C5 with $w=0,7h$; $S=5h$.
Walking and cycling paths.

Width (w) / Height (h): 0,7-1
Class (Installation): P1 - P6

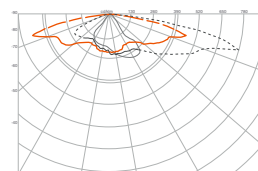


ORNW



Installations Class M4 with $w=0,7h$; $S \geq 5h$.
Installations Class M4 with $w=0,7h$; $S \geq 5h$.
Installations Class P1 to P6 $w=0,7-1h$; $S \geq 8h$.
Installations Class M in urban areas with
motorized traffic.

Width (w) / Height (h): 0,7
Class (Installation): M5 - M6; P1 - P6

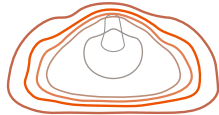
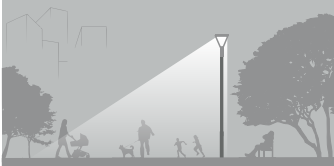


WALKING AND CYCLING PATHS (ORN and ORNW optics)

Precision in lenses design, mastering of production and flexibility in each application deliver an unique set of lenses that can be applied to specific projects where priority of use of the pavement is given to bicycles and pedestrians.

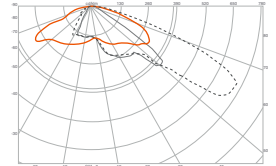
OPTICS available

ORWA



Installations Class "C2 to C5" $w \geq 1,4h$; $S \geq 3,5h$.
City center urban areas.
Smart Poles and Lighting Columns.

Width (w) / Height (h): -
Class (Installation): C0 - C5

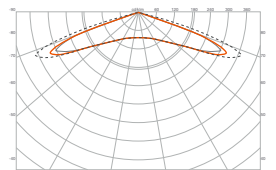


OP



Quadrangular public lighting point installations.
Public lightings wide layouts with lighting points in
the middle of the surface, with special considera-
tion for transversal sections. Installations Class C.
City center and pedestrian zones.

Width (w) / Height (h): -
Class (Installation): C0 - C5

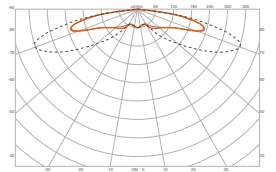


OPB



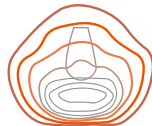
Installations Class C. City center and pedestrian
zones.
Specailly devoted for Smart Poles and Columns
& Lighting Columns.
Perfect solution for bollards (lower height).
Guidance Lighting Optical Systems.

Width (w) / Height (h): -
Class (Installation): C0 - C5



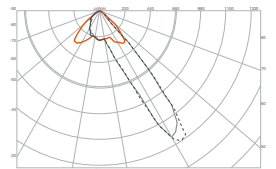
● Optics for squares and roundabouts

A45

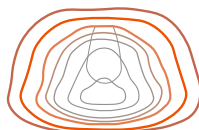
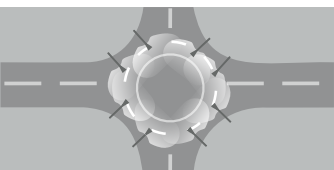


Installations Class "C" of roundabouts with lighting
points in the center of the roundabout island.
Urban and extra-urban roundabouts.

Class (Installation): C0 - C5

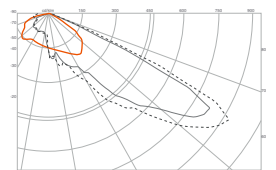


A45W



Installation Class "C" of roundabouts with lighting
points in the external roundabout ring. Urban &
extra-urban roundabouts.

Class (Installation): C0 - C5



OPTICS available

- Counterbeam optics

CB1 / CB2

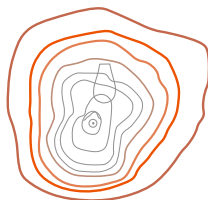
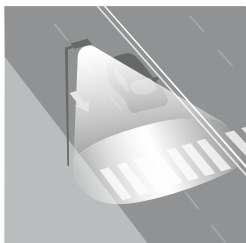


Specific applications: for using in wide spaces where it is necessary to spread the light away from the luminaire in a non-regular arrangement.

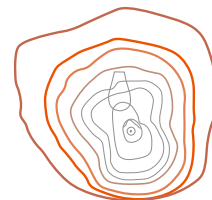
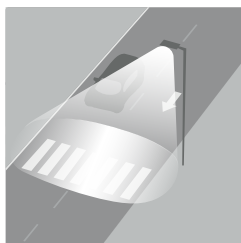
- Pedestrian crosses optics

Specific designed, developed and manufactured person-centred optical systems aiming to light spaces where the well-being and safety of people are critical.

PCR



PCL



BOOSbacklight



Without backlight



Backlight effect



City Centric can be equipped with BOOSBackLight. This is a factory built-in one-extra-single-piece placed on top of the lenses that minimizes light sent behind the vertical plane of the fitting controlling and preventing the intrusive light-pollution and spill light sent to buildings and properties.

ROI Reliable Own Innovation

A A timeless design where the focus is on maximum heat control and dissipation, ensures that the LEDs and all the electronic components of a fitting work under the most convenient and beneficial thermal conditions.

B Durable & recyclable materials & components that proclaims a Recyclability Ratio of 98%.

C Own and proprietary lenses that generate a optical performance package with fewer number of luminaires and wider spacing between them.

D LEDs arrays and patterns contribute to configure countless possibilities to generate the better price - lifetime - performance - value proposal.

Top-quality materials used in the luminaire and faultless manufacturing excellence delivers exceptional and reliable performance with minimal maintenance for many years, keeping the essence of ROI philosophy.

COMFORT evolution

Optional plastic bowl: in-house designed and manufactured with special chemical treatment from transparent plastic, 8-faces plastic bowl satisfactory improves the performance of the optical system and the quality of lighting, providing a unique solution that substitutes flat glass in particular applications.



UNIQUE LIGHTING PROPOSAL

Maximizes glare control
Increases lighting visual perception
Improves lighting uniformity

INTEGRAL Fitting's assembly

Innovative own designs and technology alongside with quality manufacturing processes and after-delivery monitoring and service, assures maximal and reliable fittings performance with minimal maintenance.

A Best-in-class thermal management. Perfectly engineered optical systems and full luminaire precise sizing design, enabling all luminaire parts and components working efficiently, securing the most reliable package over lifetime and beyond, maximizing its performance and granting colour stability.

B Superior optical performance maximizes lifetime, and energy savings and helps in granting the best ROI to any public or private developer. OPTIBOOS 4rdG maximizes fitting's performance, secures ULOR = 0% and provides lighting sector leading position in glare control and visual comfort producing the maximum lighting level (lumens per watt), directing the light exactly and precisely where it is needed.

C Manufacturing mastery to obtain zero-fault fitting assembly consistency. Advanced designs, casting and die casting experience, collaboration with prestigious suppliers and proprietary PCBs, lenses, gaskets, in-house and external test & laboratories (electrical, electronics, IP, IK, endurance, and photometry) delivers a fitting characterized by long-term protection from dust, moisture, vibration and any other adverse environmental effects.

COLORS

Casting and die-casting aluminium and aluminium pieces are chemically cleaned before applying a textured polyester electrostatically and thermally cured powder coating finish. This process grants that the external aesthetic appearance and the integrity of the fittings is long-life secured.



STANDARD COLORS

Grey 2900
Sable

Silver 2525

Noir 2200
Sable



ANY OTHER RAL COLOR UPON REQUEST



CORDOBA design

CORDOBA design



CORDOBA

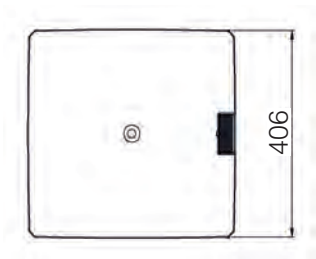
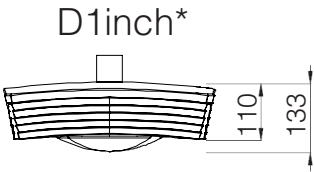
Elegant, pure, clear and timeless design that aesthetically redefines and modernizes the shapes and edges of the city centre and historical districts outdoor lighting.

State of the art LED technology inspired by ethnicity. CORDOBA nest our LightAdapt technology to provide the light in the optimal amount and place. The wide range of mounting systems and decorative solutions makes possible to configure any installation. Unbeatable for decorative purposes in the most demanding urban installation.

Cordoba's innovation recipe is the result of the complete technological process mastery: the sum of perfect design + best practices + reliable solutions + proved components from first class manufacturers + own and proprietary lenses and thermal management systems.

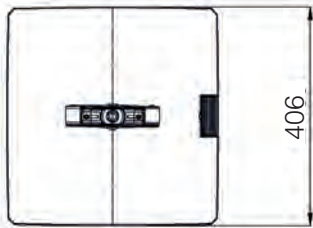
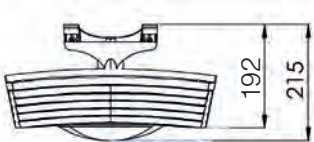


CORDOBA ZENITHAL



*D 3/4inch available.

CORDOBA CATEN

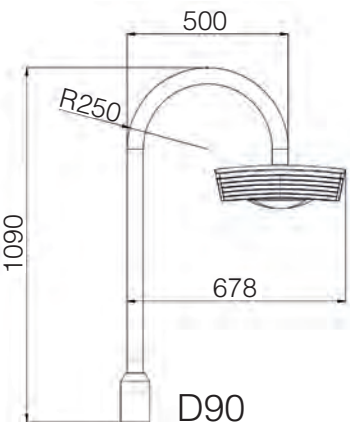


CORDOBA suspended + special & dedicated CATEN attachment.

PIRLA



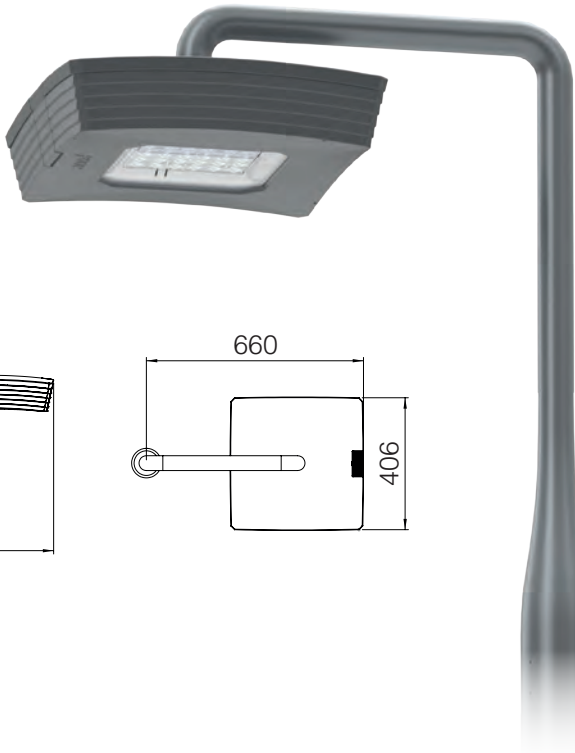
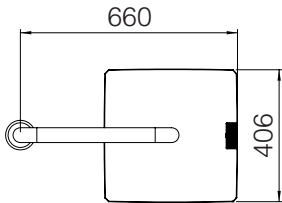
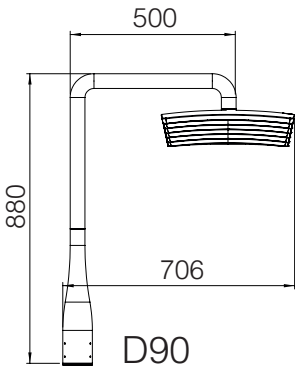
CORDOBA Zenithal (1"G inch)
+ curved suspended bracket.



BAENA



CORDOBA Zenithal (1"G inch)
+ suspended bracket.



CARPIO

- Flat Glass
- Plastic Bowl



CORDOBA Zenithal (1"G inch)
+ single/double/triple/quadruple
GABO bracket for suspended wall/lateral mounted.
(Pole and Jaca upper-end pole cap not included).

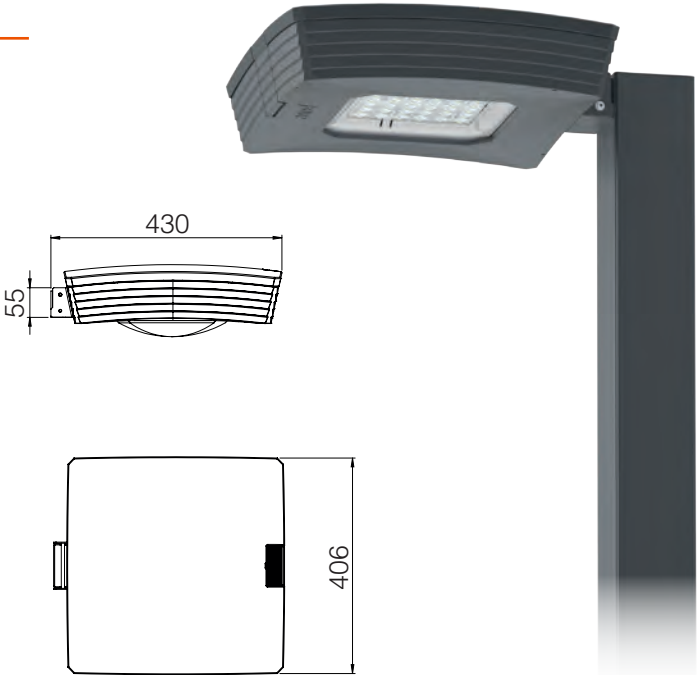


RADICAL

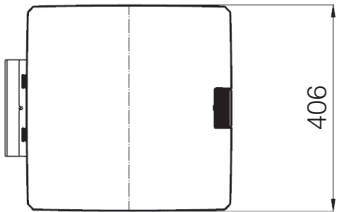
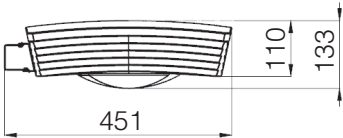
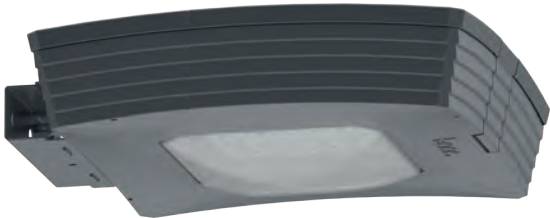
- Flat Glass
- Plastic Bowl



CORDOBA + wall lateral mounting.
(Pole not included).

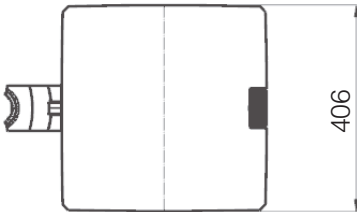
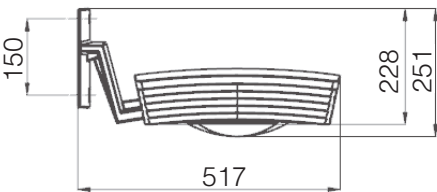


INFA



CORDOBA + wall lateral mounting attachment included.

MENTO



CORDOBA + wall/pole downwards attachment included.

SECOR

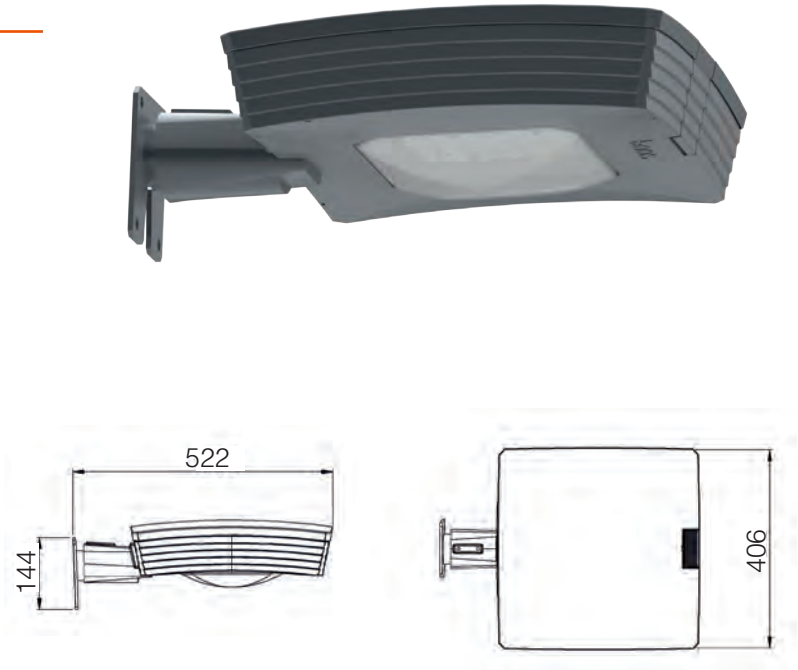
- Flat Glass
- Plastic Bowl



CORDOBA + side-entry SECOR attachment.
(Pole and Jaca upper-end pole cap not included).

SECOR WALL

- Flat Glass
- Plastic Bowl

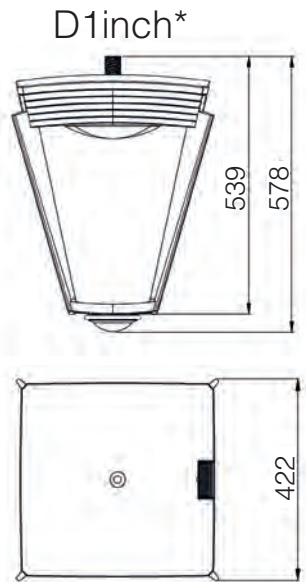


CORDOBA SECOR + wall mounted
WALL bracket.

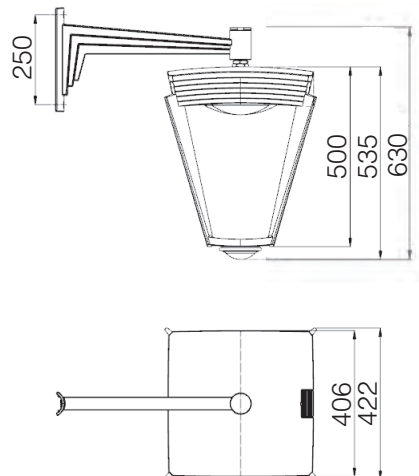
MOTA



CORDOBA Zenithal (1"G inch)
+ 4xpillar bracket suspended.
*D 3/4inch available.ç
GC lower embellishment as an option.



VIANA

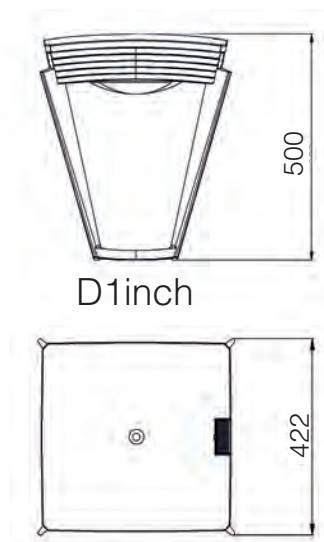


CORDOBA Zenithal (1"G inch) + 4xpillar bracket
suspended version + single/double/triple/quadruple
GABO bracket for wall/post-lateral suspended mounted.

(Pole and Jaca upper-end pole cap not included).



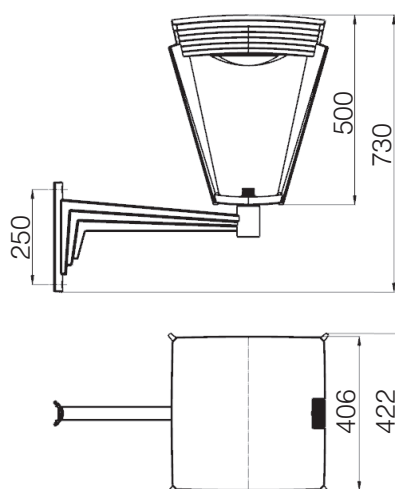
MENA



CORDOBA + 4xpillar bracket
top mounted.
*D 3/4inch available with adapter.



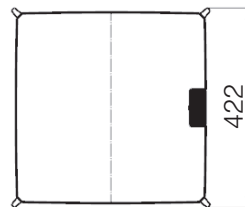
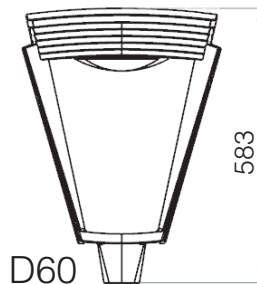
AMBROS



CORDOBA (1"G inch) + 4xpillar bracket top
version + single/double/triple/quadruple
GABO bracket for post-top wall/lateral mounted.
(Pole and Jaca upper-end pole cap not included).



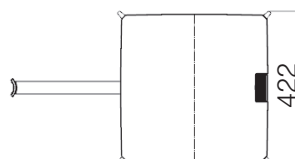
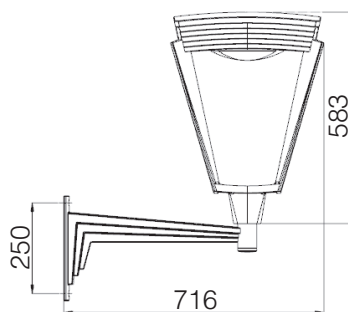
TORDE



CORDOBA + 4xpillar bracket
with bottom neck (60mm) top mounted.



SECA



CORDOBA + 4xpillar with bottom-neck bracket
top version+ single/double/triple/quadruple
GABO bracket for wall/post lateral mounted.

(Pole and Jaca upper-end pole cap not included).





GRANADA design

GRANADA design



GRANADA

Granada divers itself deeper into the tradition to challenge the modern paradigm of luminaire's conception. Form or shape, soul or image, Granada plays with the rules of perception and is conceived as a family of luminaires that compete each other to capture the diversity of the city and the wellbeing of its citizens.

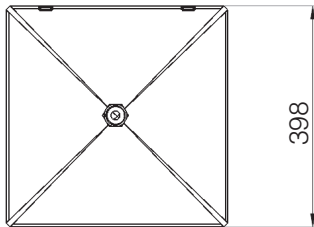
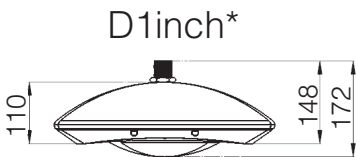
Combining an unbeatable range of possible applications and mounting systems with our RolLedTec, architects and planners can conceive and implement any lighting proposal to reinforce the character of our cities maximizing the lighting performance while reducing energy consumption.

Granada's innovation recipe is the result of the complete technological process mastery: the sum of perfect design + best practices + reliable solutions + proved components from first class manufacturers + own and proprietary lenses and thermal management systems.



GRANADA ZENITHAL

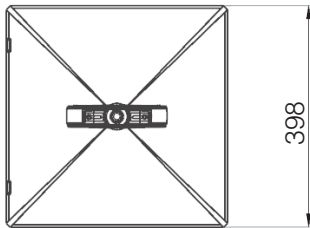
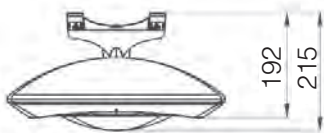
-  Flat Glass
-  Plastic Bowl



*D 3/4inch available

GRANADA CATEN

-  Flat Glass
-  Plastic Bowl



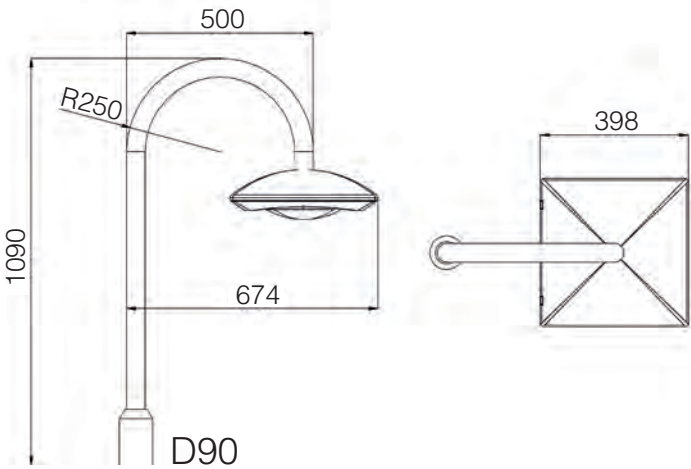
GRANADA suspended + special & dedicated CATEN attachment.

DULA

- Flat Glass
- Plastic Bowl



GRANADA Zenithal (1"G inch)
+ curved suspended bracket.

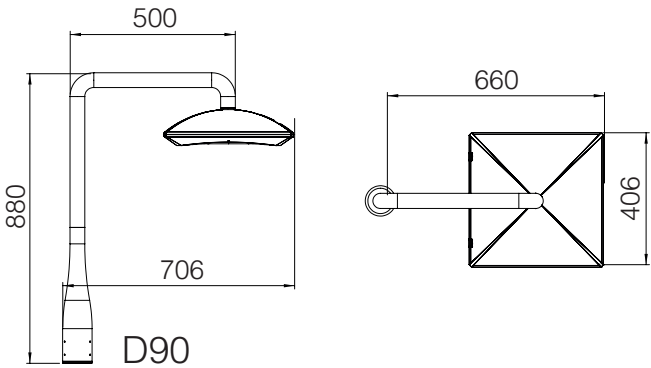


BAZA

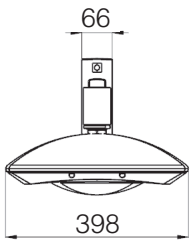
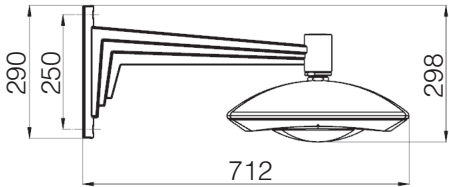
- Flat Glass
- Plastic Bowl



GRANADA Zenithal (1"G inch)
+ suspended bracket.

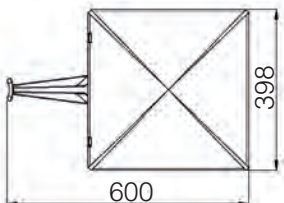
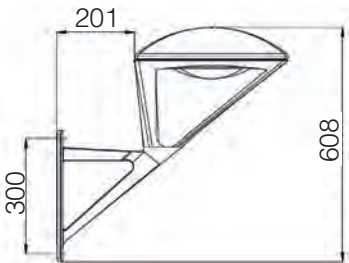
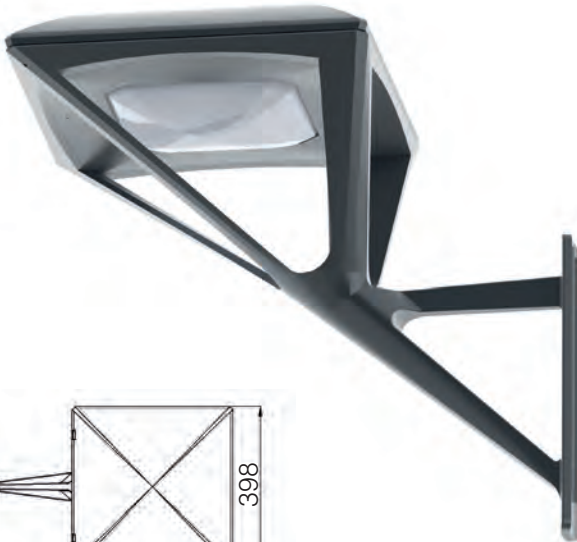


OSMA



GRANADA Zenithal (1"G inch)
+ single/double/triple/quadruple
GABO bracket for suspended wall/lateral mounted.
(Pole and Jaca upper-end pole cap not included).

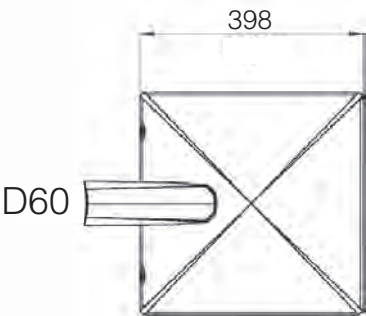
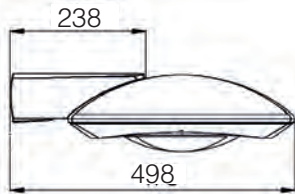
LUGAN



GRANADA + 4xpillar doble-inverted-triangular-shape
single/double/triple/quadruple LUGAN
bracket for wall/lateral mounted.

SES

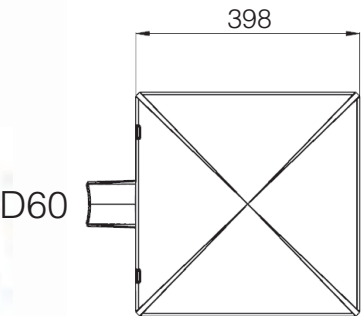
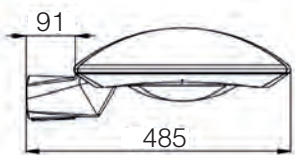
- Flat Glass
- Plastic Bowl



GRANADA + side-entry pole
SES attachment superior entrance.
(Pole not included).

SEI

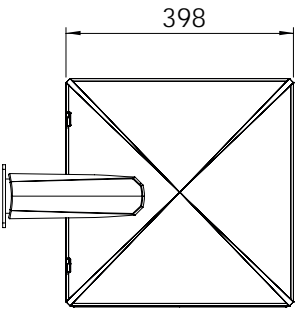
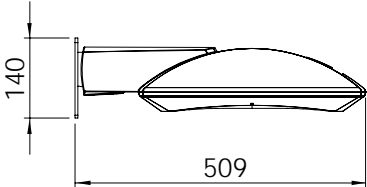
- Flat Glass
- Plastic Bowl



GRANADA + side-entry pole
SEI attachment inferior entrance.
(Pole not included).

SES WALL

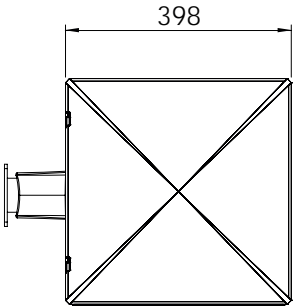
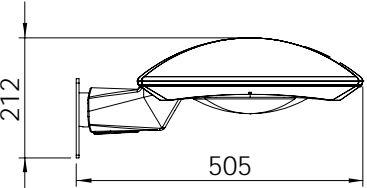
- Flat Glass
- Plastic Bowl



GRANADA + side-entry + wall bracket.
SES attachment superior entrance.

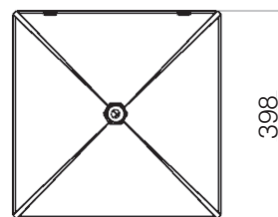
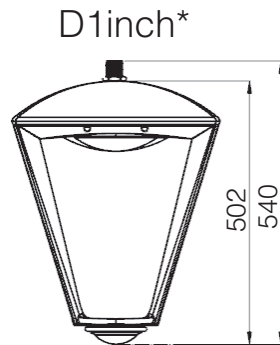
SEI WALL

- Flat Glass
- Plastic Bowl



GRANADA + side-entry + wall bracket.
SEi attachment superior entrance.

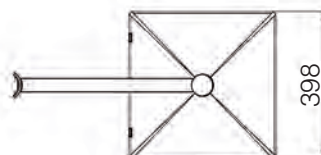
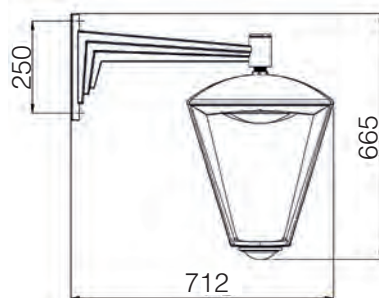
ZARZA



GRANADA Zenithal (1"G inch)
+ 4xpillar bracket suspended.
*D 3/4inch available.
GC lower embellishment as an option.



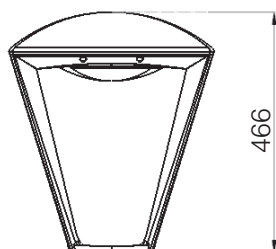
CUENCA



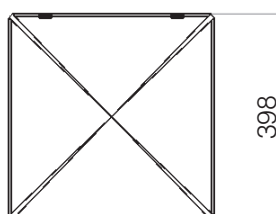
GRANADA Zenithal (1"G inch) + 4xpillar bracket
suspended version + single/double/triple/quadruple
GABO bracket for wall/post-lateral suspended mounted.
(Pole and Jaca upper-end pole cap not included).



BRACO

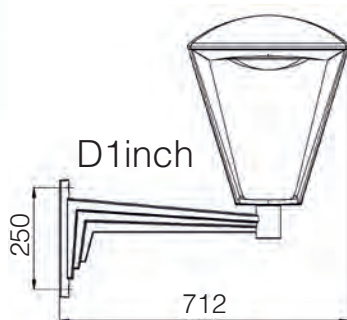


D1inch

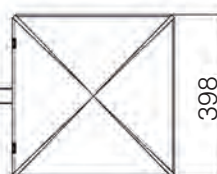
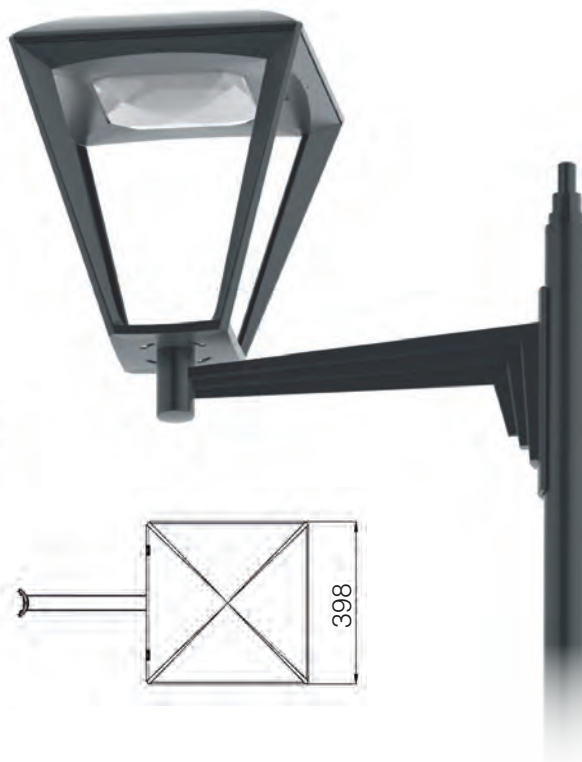


GRANADA + 4xpillar bracket top
mounted for post-top/bracket mounted.
*D 3/4inch available with adapter.

ZUMA



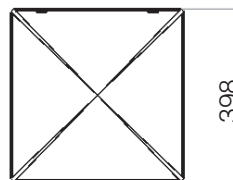
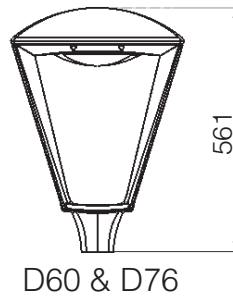
D1inch



GRANADA (1"G inch) + 4xpillar bracket top
version + single/double/triple/quadruple
GABO bracket for post-top wall/lateral mounted.

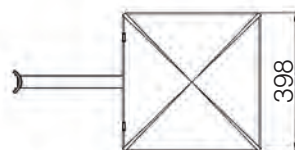
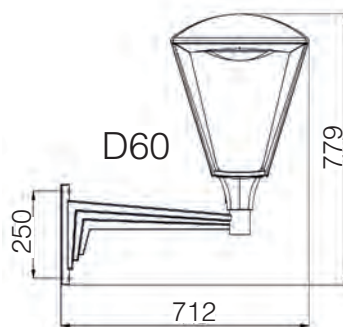
(Pole and Metropolis upper-end pole cap not included).

TUDELA



GRANADA + 4xpillar bracket
with bottom neck top mounted.

BUELNA



GRANADA + 4xpillar bottom-neck (60mm) bracket
top version+ single/double/triple/quadruple
GABO bracket for wall/post lateral mounted.

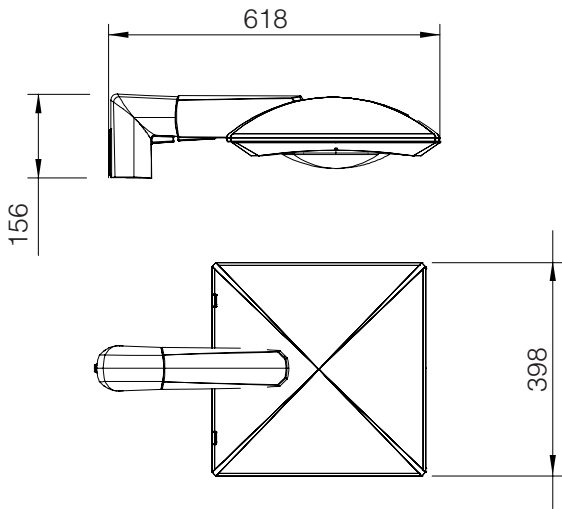
(Pole and Metropolis upper-end pole cap not included).

SES PT

- Flat Glass
- Plastic Bowl



GRANADA + single side-entry + post-top mounted fixing bracket.

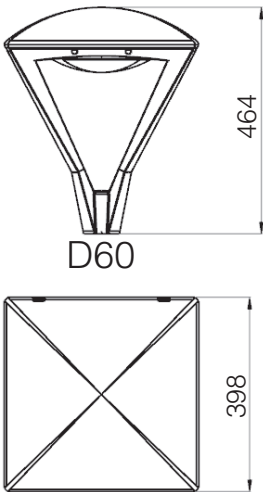


COPA

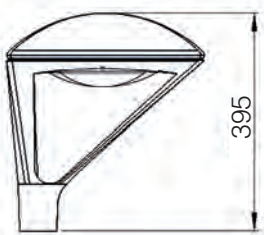
- Flat Glass
- Plastic Bowl



GRANADA + 4V-shape broken-pillars bracket post-top mounted.
(Pole not included)



TRIAN



D60



GRANADA + 4xpillar triangular-shape bracket (60mm) top mounted.



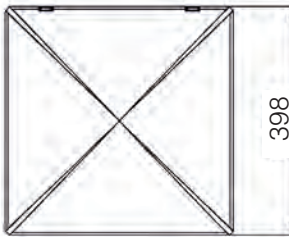
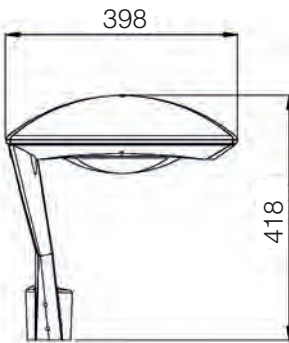
OLMO



D60



D76



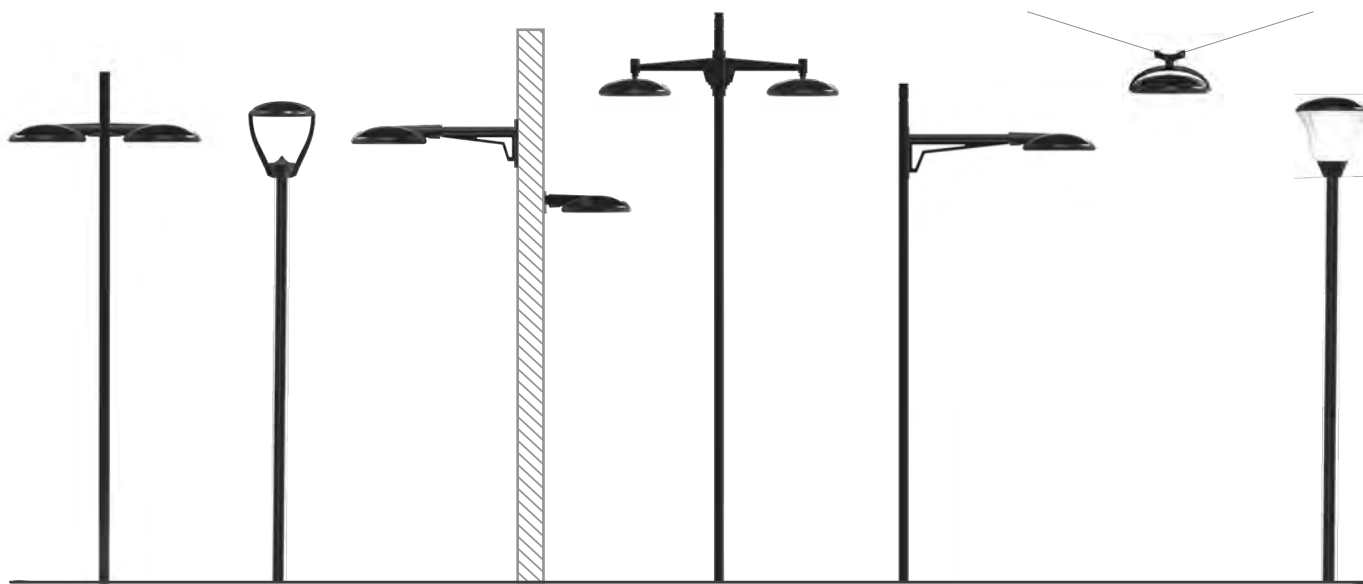
GRANADA + 2V-shape broken-pillars bracket post-top mounted.
(Pole not included)





CASIOPEAdesign

CASIOPEA design



CASIOPEA

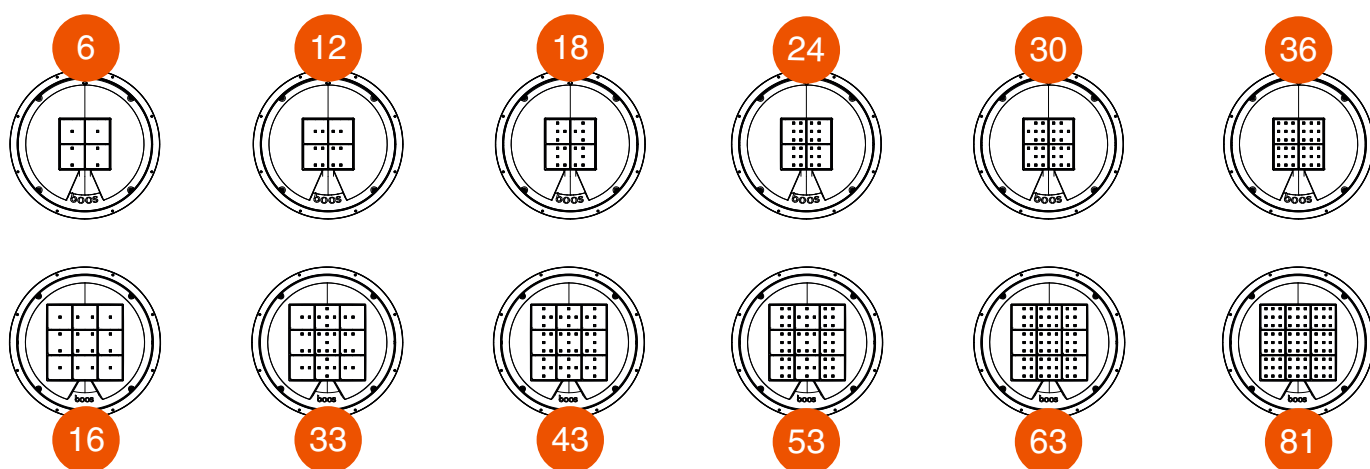
CASIOPEA provides to the city a “round” solution for lighting. The smart shape plus additional mounting systems is the perfect camouflage in a street/square plenty of different points of view.

The circle is the geometrical place of the points at the same distance of the center. Casiopea provides to the city the center that enlights your projects.

Casiopea's innovation recipe is the result of the complete technological process mastery: the sum of perfect design + best practices + reliable solutions + proved components from first class manufacturers + own and proprietary lenses and thermal management systems.

LEDS	NEUTRAL WHITE		POWER		L80B20
	MIN(lm)	MAX(lm)	MIN(lm)	MAX(lm)	
6	1000	1750	8	16	100
12	2000	3500	15	26	100
18	3000	5000	21	37	100
24	4000	7000	27	51	100
30	5000	8500	34	61	100
36	6000	10000	41	71	100
16	2750	4750	19	36	100
33	5500	10000	36	72	100
43	7000	12990	46	94	100
53	9500	15995	61	116	100
63	10500	18850	67	137	100
81	14000	22250	90	159	100

*The above mentioned data are based on 4000K. Also we can provide 2700K, 3000K, 5000K and Amber
Note: Casiopea built-in driver fitting is always limited to maximum 140W power consumption Above that power consumption driver should be placed remote from the fitting.



CASIOPEA ZENITHAL

Flat Glass



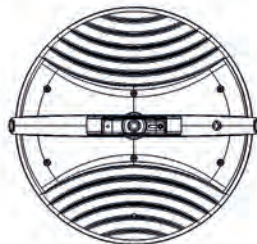
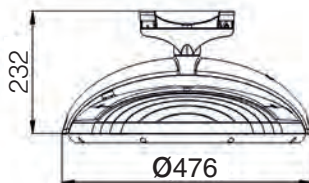
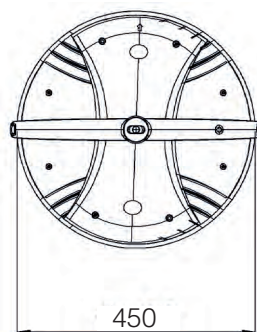
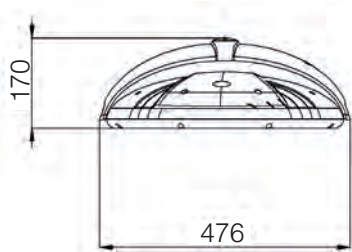
CASIOPEA + suspension ARCan and zenithal fixing adaptor
*available for 1inch and 3/4inch.

CASIOPEA CATEN

Flat Glass



CASIOPEA + suspension ARC + special
& dedicated CATEN attachment.

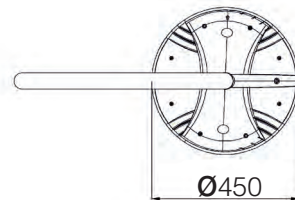
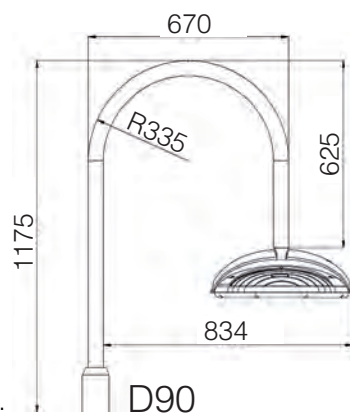


CASIOPEA ARCO

 Flat Glass



CASIOPEA + suspension ARC + curved (1"G inch) suspended bracket.



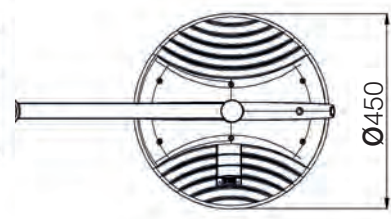
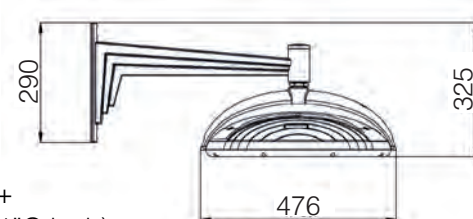
CASIOPEA LEMA

 Flat Glass




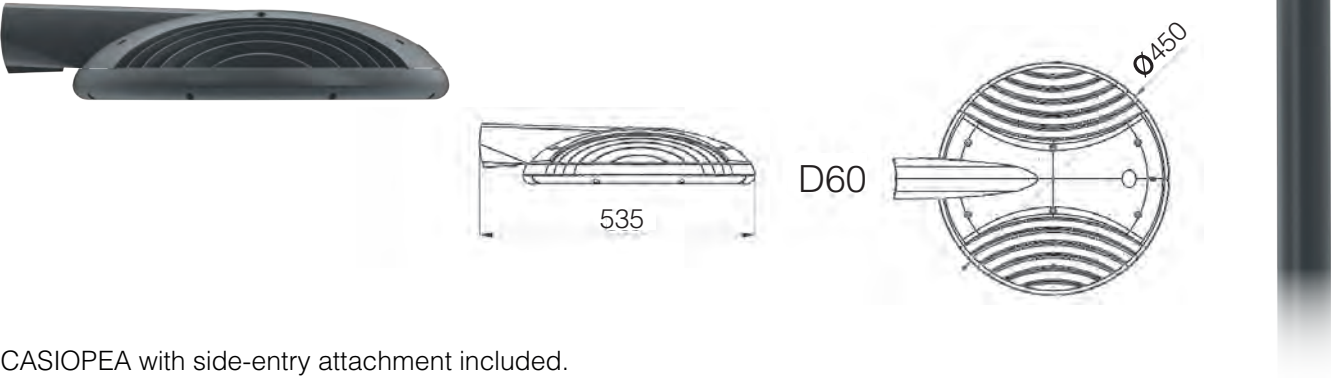
CASIOPEA + suspension ARC + single/double/triple/quadruple (1"G inch) GABO bracket for suspended wall/lateral mounted.

(Pole and Jaca upper-end pole cap not included).



CASIOPEA ARROW

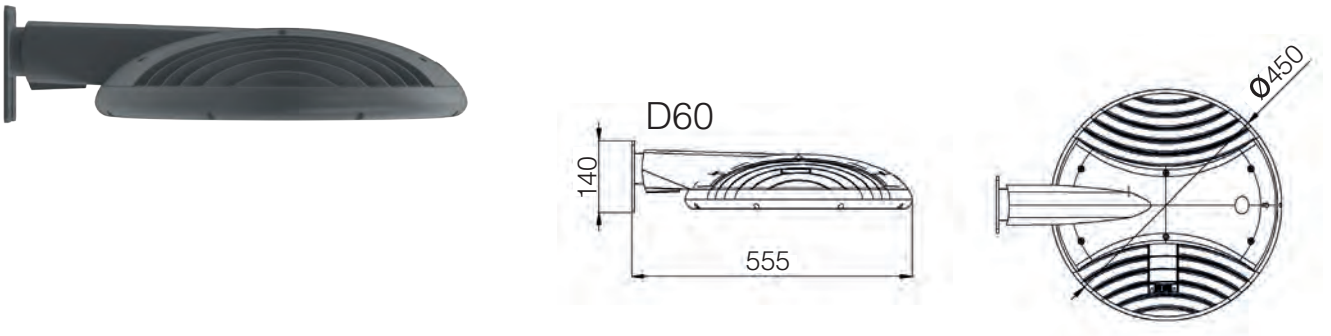
 Flat Glass



CASIOPEA with side-entry attachment included.
(Pole not included).


CASIOPEA ARROW-WALL

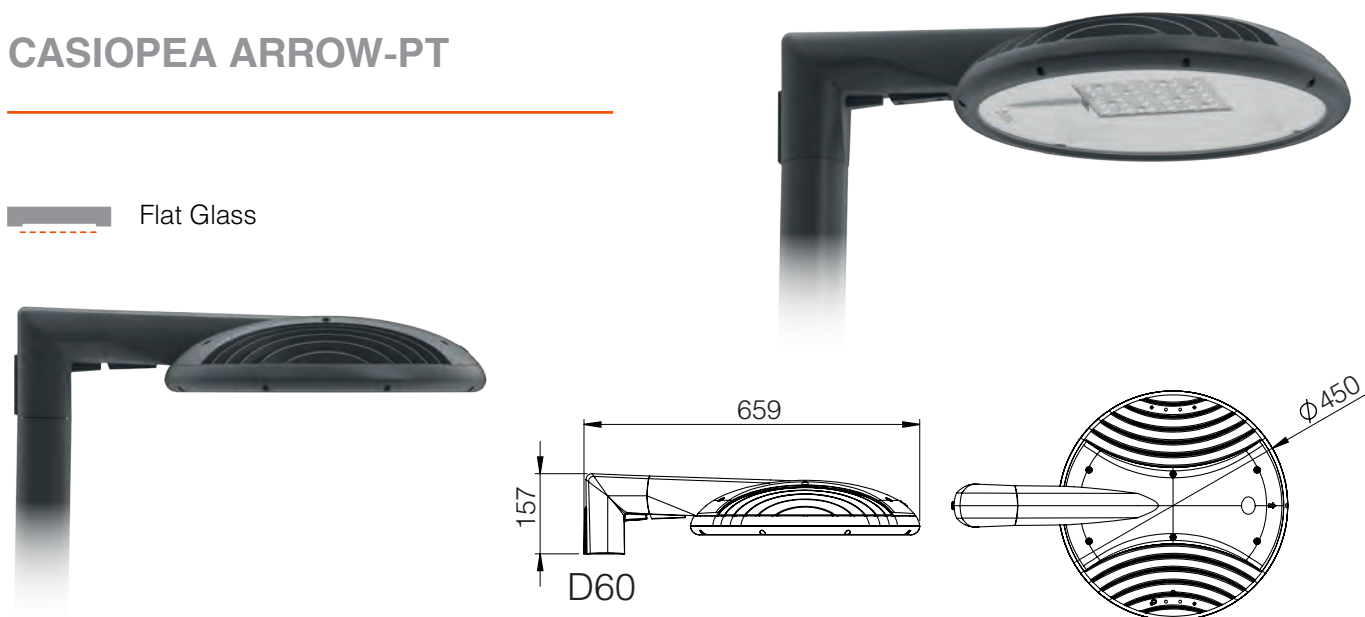
 Flat Glass



CASIOPEA + single side-entry ARROW
and wall mounted fixing bracket.

CASIOPEA ARROW-PT

 Flat Glass



CASIOPEA + single side-entry ARROW and post-top mounted fixing bracket.

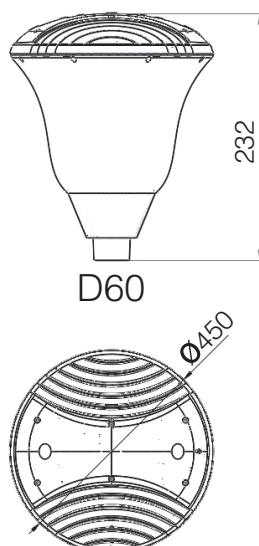
CASIOPEA DOBLE

 Flat Glass



2x CASIOPEA ARROW + curved DOBLE 60mm top mounted bracket.

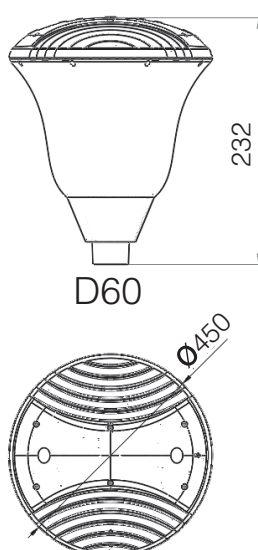
STAR ONE TRANSPARENT



CASIOPEA + transparent PC plastic bowl and post-top 60mm attachment.



STAR ONE TRANSLUCENT



CASIOPEA + translucent PC plastic bowl and post-top 60mm attachment.

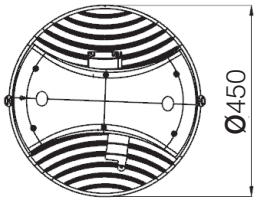
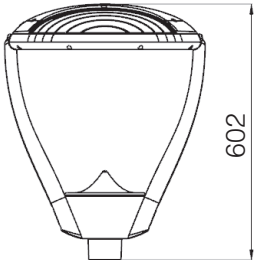


TORCH

Flat Glass



CASIOPEA + 2 brackets and post-top attachment 60mm.

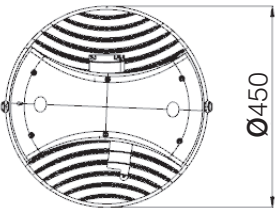
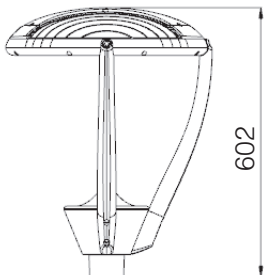


TORCH 3

Flat Glass

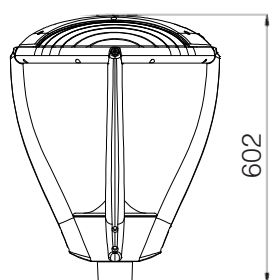


CASIOPEA + 3 brackets and post-top attachment 60mm.

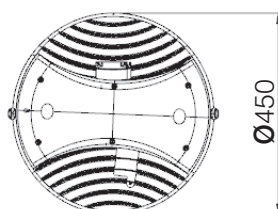


TORCH 4

 Flat Glass



D60



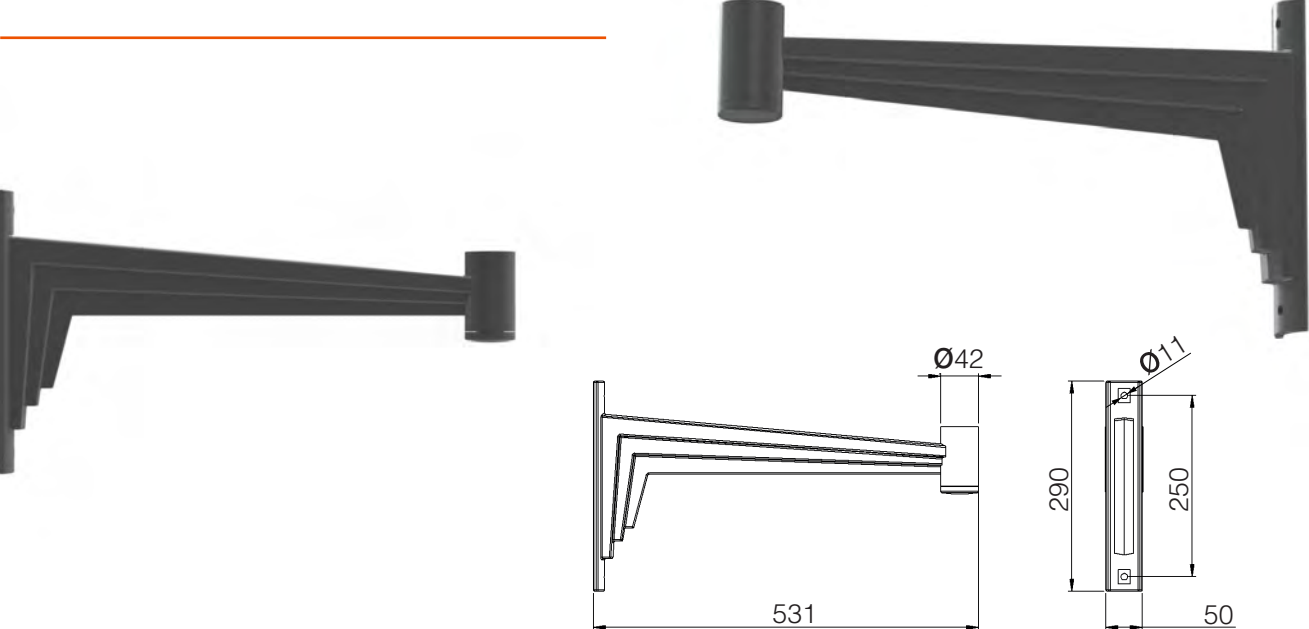
CASIOPEA + 4 brackets and
post-top attachment 60mm.



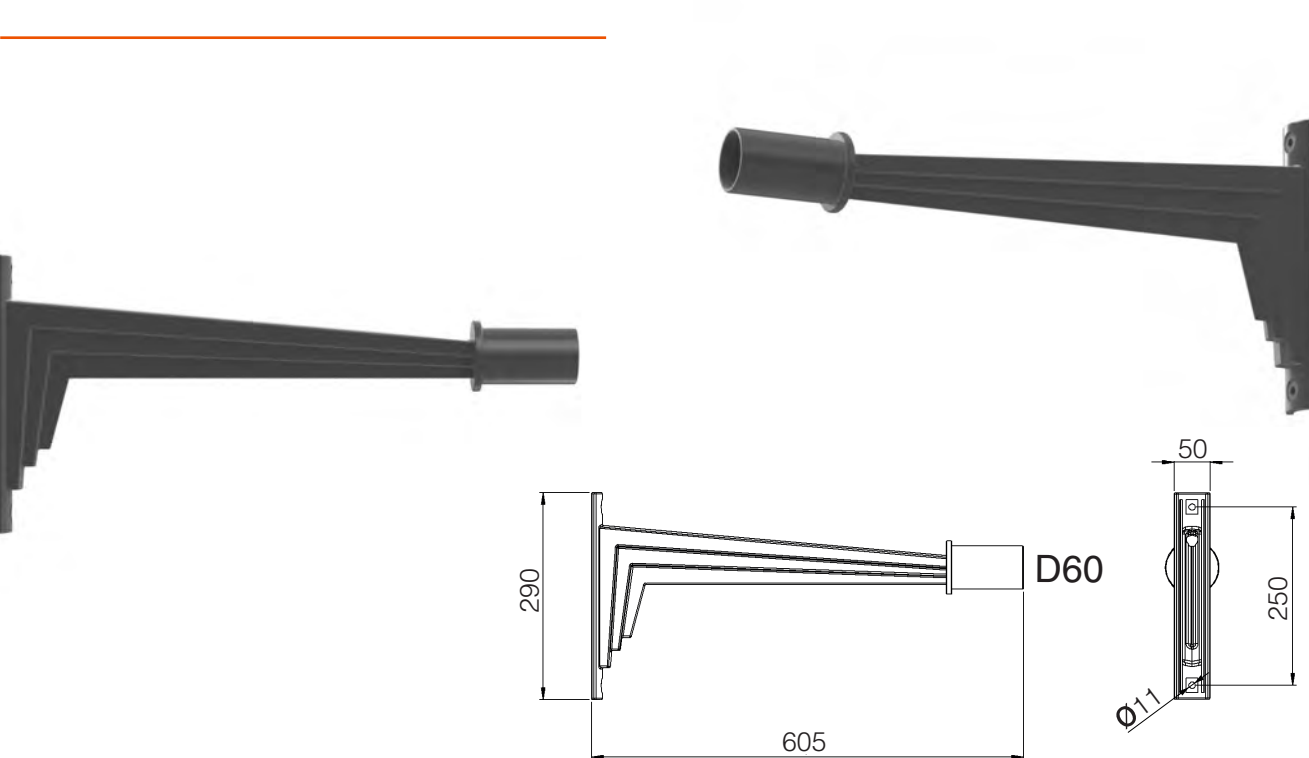


BRACKETdesign

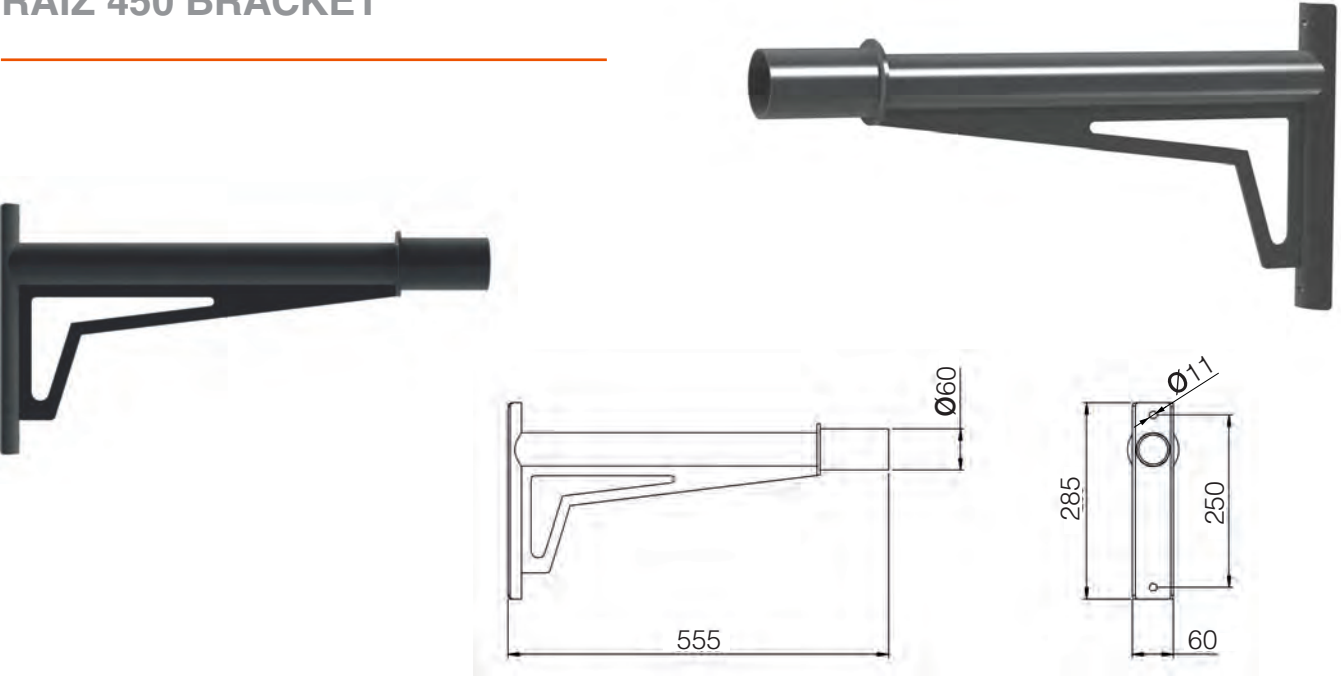
GABO UP-DOWN BRACKET



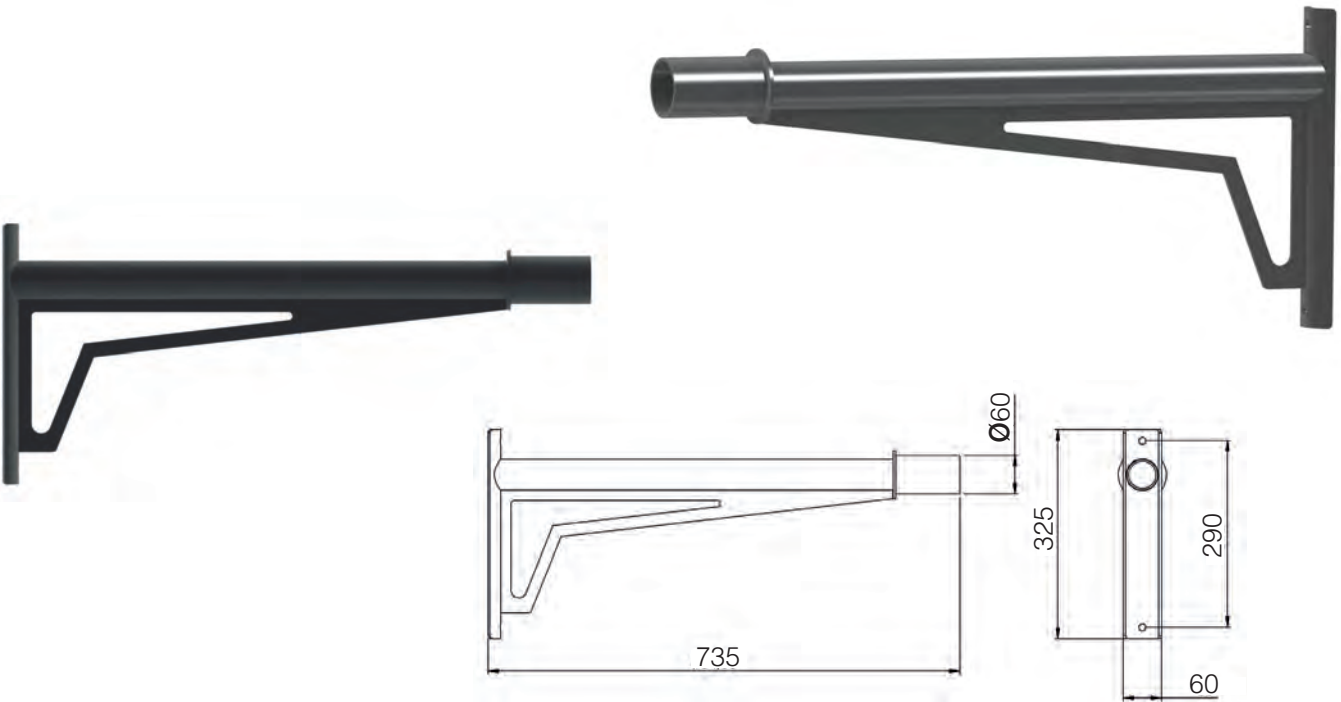
GABO SIDE-ENTRY BRACKET



RAIZ 450 BRACKET

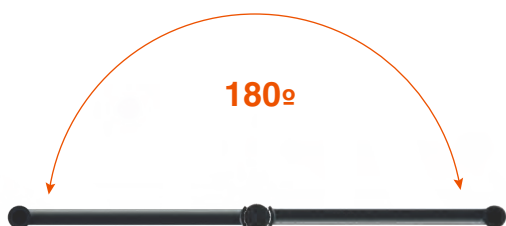


RAIZ 700 BRACKET



BRACKET proposals

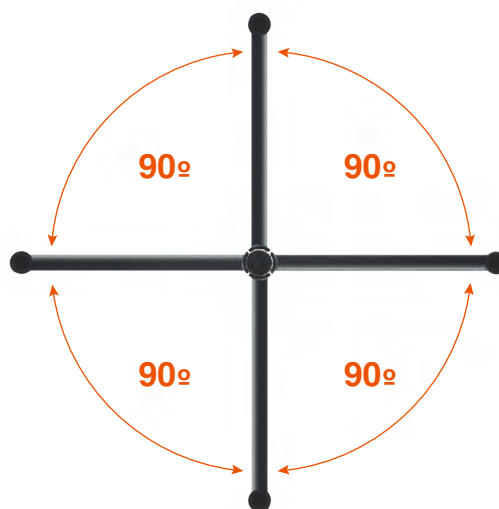
2 brackets (180°) configuration



3 brackets (120°) configuration

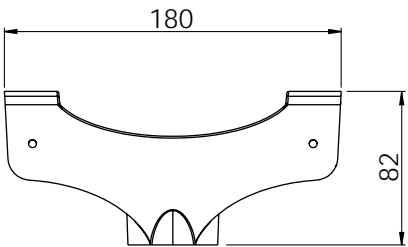
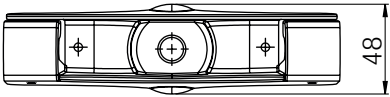


4 brackets (90°) configuration

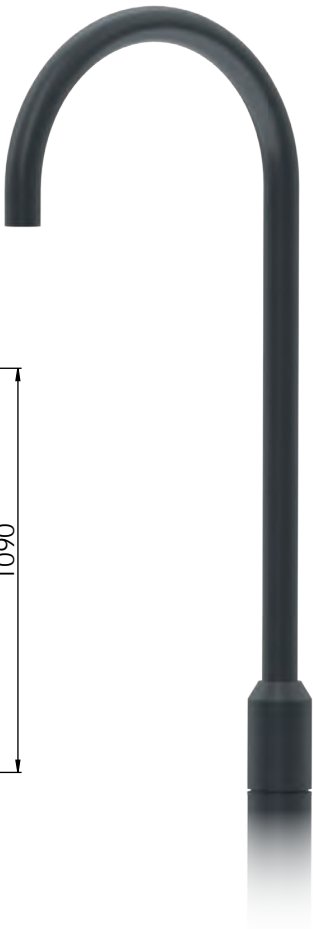
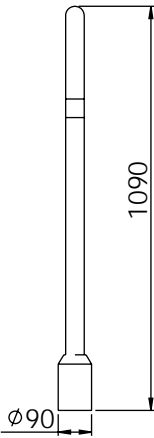
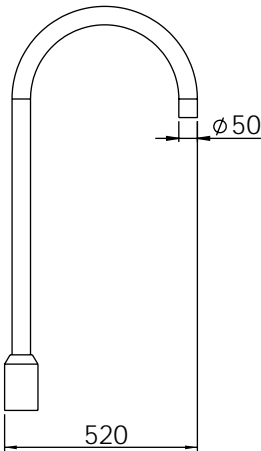




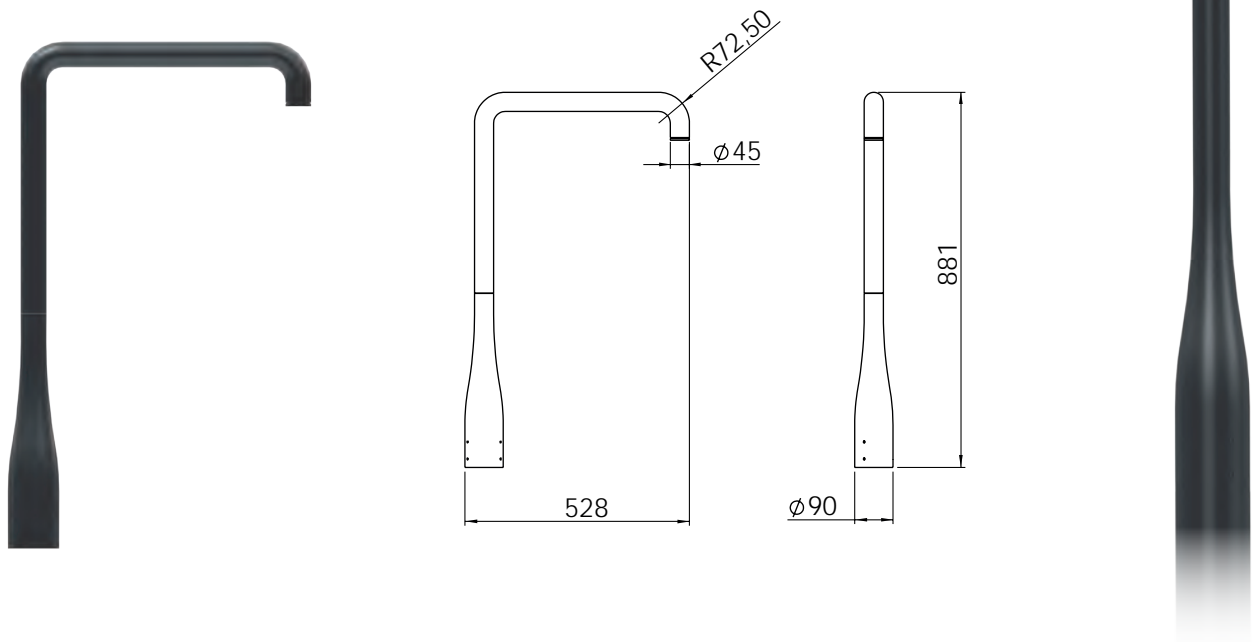
CATEN ATTACHMENT



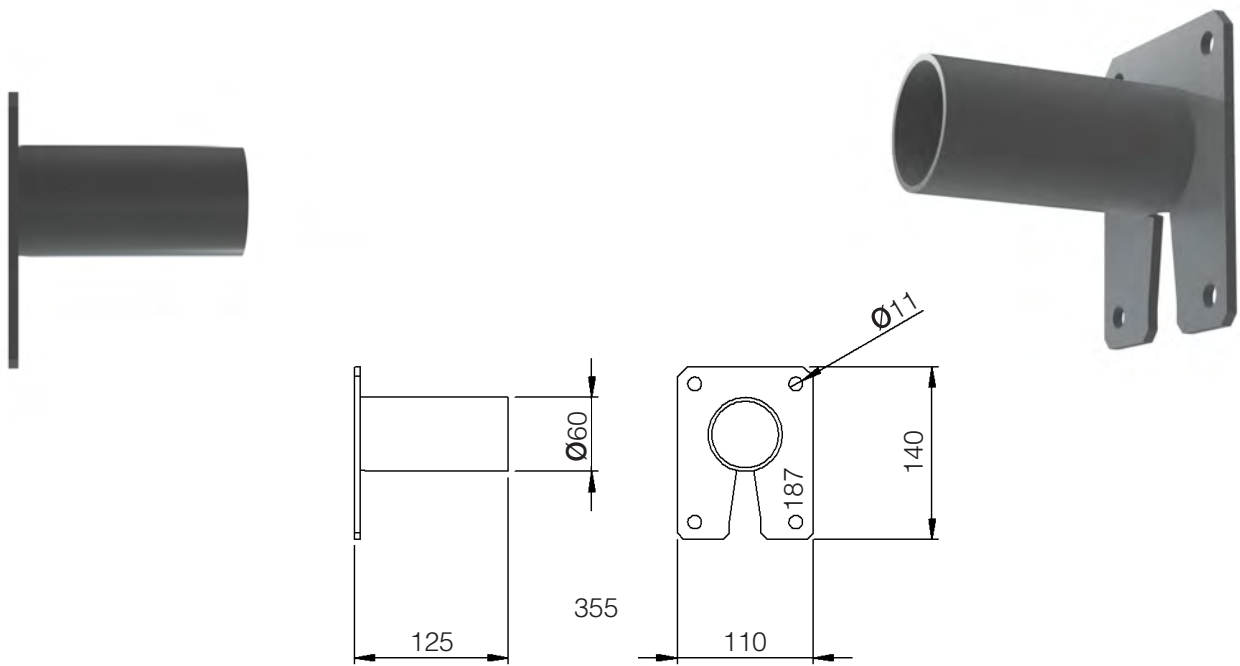
ARCO BRACKET



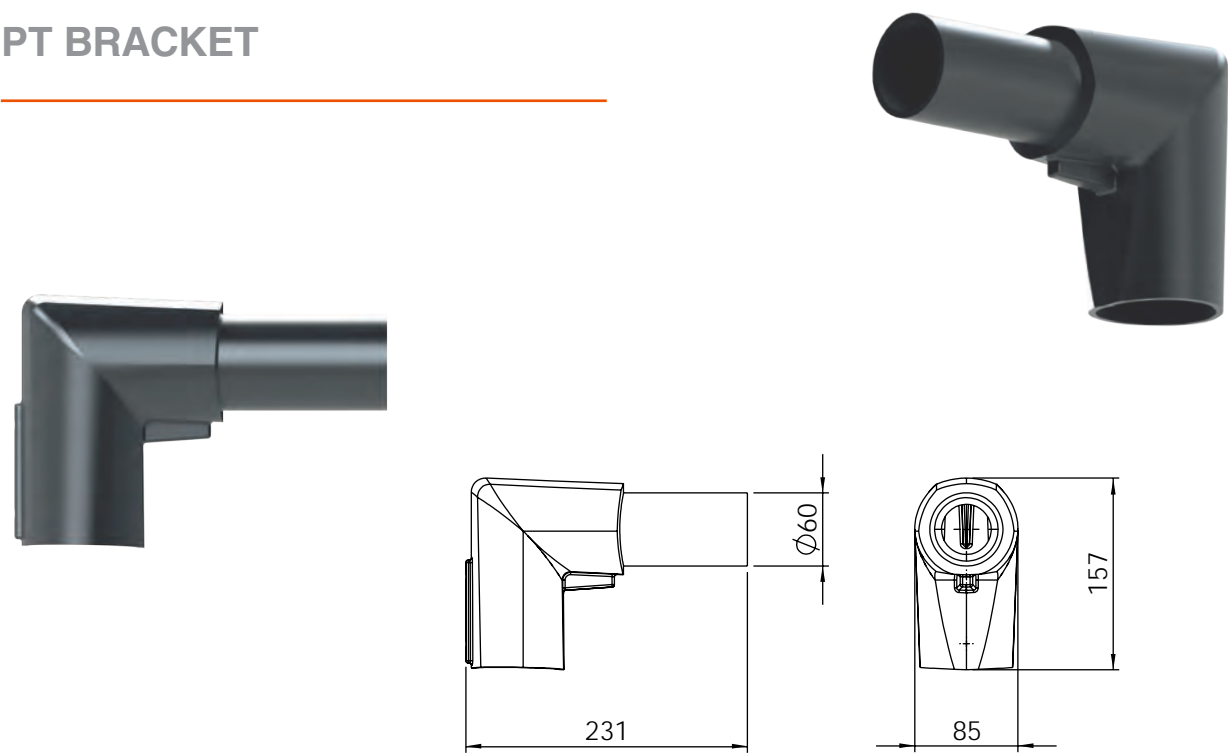
DYX BRACKET



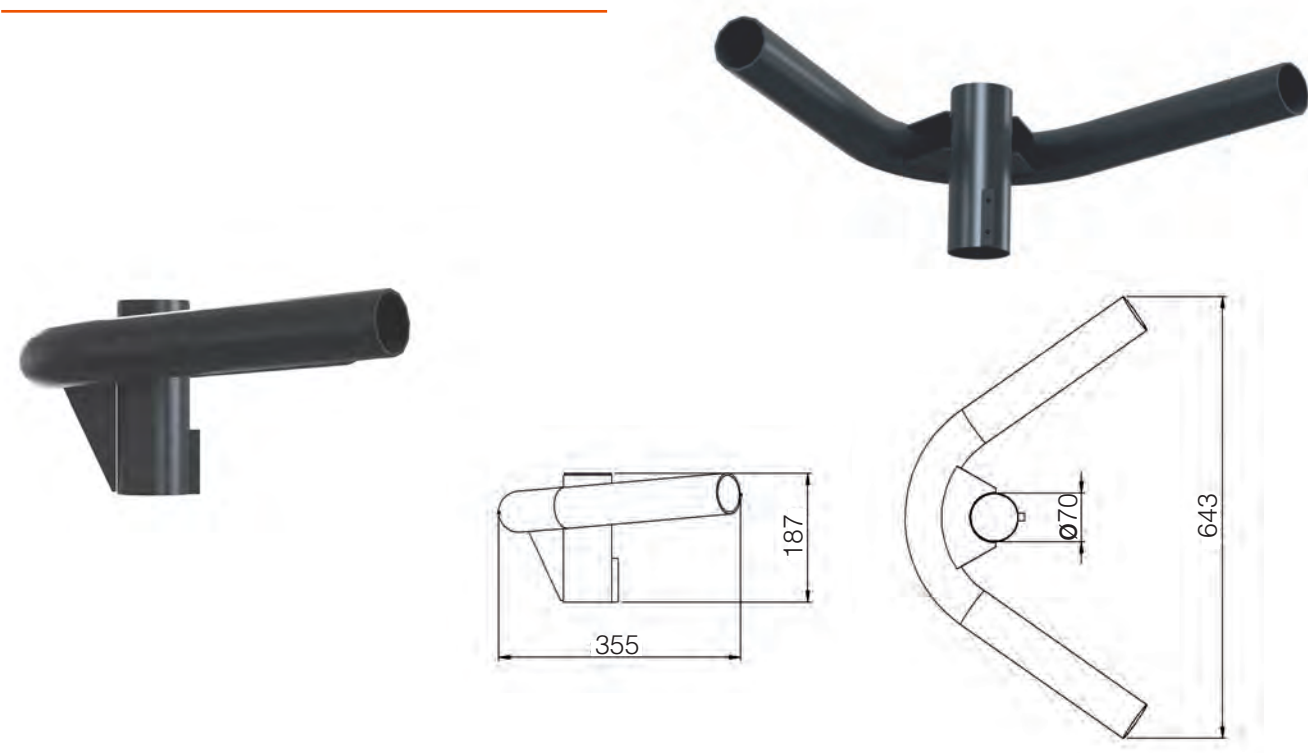
WALL BRACKET



PT BRACKET



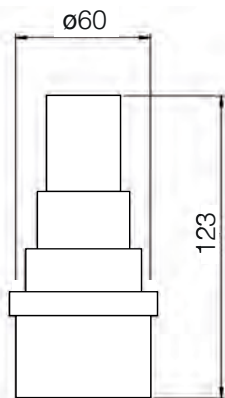
BRACKET DOBLE



METROPOLIS UPPER-END POLE CUP

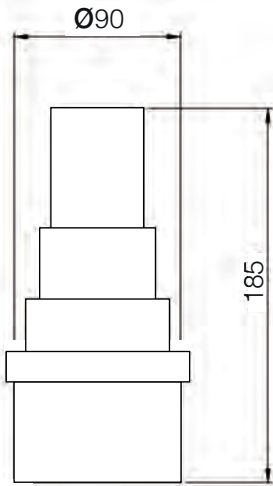


Metropolis 60



D50

Metropolis 90



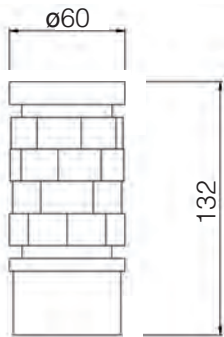
D74



JACA POLE

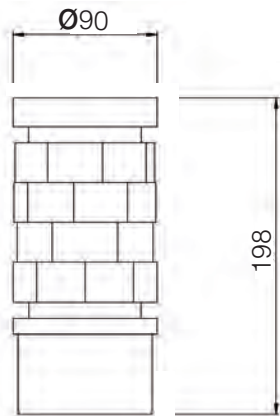


Jaca 60



D52

Jaca 90



D78





VILLANUEVAclassic

VILLANUEVA structure

Villanueva fitting, incorporates the retrofitting optical system, fastened to an intermediary steel plate by means of four metric 4 threaded riveted bolt secured (as requested by client) by means of traditional nut, wingnut or quarter turnnut.

Cast aluminium and aluminium pieces are chemically cleaned before applying a textured polyester electrostatically and thermally cured powder coating finish. This process grants that the external aesthetics appearance and the integrity of the fitting is long-life secured.

Saline-mist test is carried out to secure the corrosion-proof of the different painted components and the endurance of the fitting as a whole specially in high-saline-content environments, making Villanueva ideal for sea promenades and waterfronts.

Retrofitting and steel intermediary plate will be supplied – in the absence of any other indication- in the same colour as the main body components. Upon request, we will provide retrofitting and intermediary fixing steel plate in different colour than the main body.

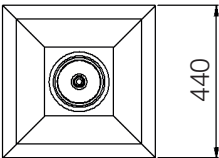
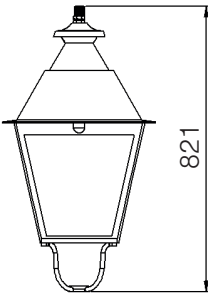


VILLANUEVA SUSPENDED

- Flat Glass
- Plastic Bowl



4xpillar bracket suspended with lower fixing base.

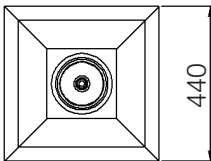
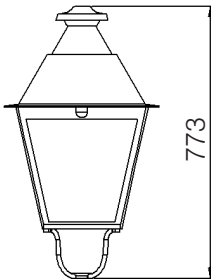


VILLANUEVA POST-TOP

- Flat Glass
- Plastic Bowl



Post-top 3/4 inch with lower fixing base.





HORIZONTAL retrofitting

HORIZONTAL retrofitting

Retrofitting module, made of high corrosion resistant, low copper content die-cast aluminum alloy, to horizontally retrofit most of standard and traditional light sources and lamps fittings with the most up-to-date LED technology.

Easy to install, tools-free access to all components and future-oriented to secure upgradability to new technological advancements.

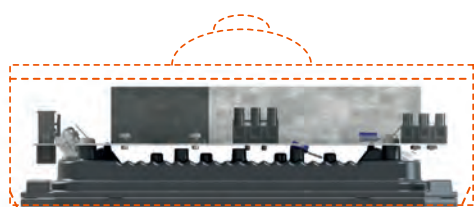
The retrofitting kit incorporates our RoiLedTec optical system (with all the possible lighting photometries and functionalities).

IP66 for the optical system and IK08 -flat glass- and IK10 -8-faces polycurved low-glare plastic bowl.

Easy removable electric and electronic components galvanized steel gear tray, mounted on top of the upper

body and fixed to the body by 2 detachable steel clips allowing the hands-free removal of the electrical tray. 3-poles (as standard) tools-free cable connector allows easy installation and connection to the mains.

Optional plastic bowl: in-house designed and manufactured with special chemical treatment from transparent plastic, 8-faces plastic bowl satisfactory improves the performance of the optical system and the quality of lighting, providing a unique solution that substitutes flat glass in particular applications.



FLAT GLASS (FG)

PLASTIC BOWL (PB)

UNIQUE LIGHTING PROPOSAL

Maximizes glare control
Increases lighting visual perception
Improves lighting uniformity



TECHNICAL specs



Made of high corrosion resistant, low copper content die-cast aluminum alloy parts –upper body and frame-.

Heat dissipation coming from the optical system attached to the upper body is granted thanks to the extended aluminum surface and upper fins.

4mm toughened glass framed by an extruded silicone gasket and pressured together between upper body and frame by 8 stainless steel screws that grants water and dust tightness IP66 for the optical system. (As an option these screws can be supplied upon request with wing nuts or quarter-turn nuts, instead of standard nuts).



OUTSIDE
265x265mm.



HEIGHT

80mm.

BOOS is committed with innovation, continuous improvement processes, service flexibility and satisfaction of client's needs. On top of that we are always complying with any pertaining international standard in certification and safety of our products. As a result, details included in this leaflet as subject to change at any time.

For the most accurate information on CITY CENTRIC or any other BOOS product, latest technology used, new features and specifications, lumens/watt packages, latest adaptations and/or modifications, please make sure you visit our web page www.boshlight.es or www.booslight.com before any firm order.

Please, verify the terms and conditions stated in our order acknowledgement and do not hesitate to contact us at anytime for any question or doubt you may have.

Edition March 2019. (Digital version 6.0)

2018 © booslight



CITY CENTRIC

SPAIN

Cañada de la Aguilera, 67 exterior
47155 - Santovenia de Pisuerga, Valladolid, Spain
Tel. +34 983136157

GERMANY

Mastorter Straße, 29
88069 - Tettnang, Germany
Tel.: +49 (0) 7542 – 978 90 48

RUSSIA

6, 1st Rizhskiy pereulok
129626 - Moscow, Russia
Tel. +7 495 7852095

INDIA

1203 Surya Kiran Building, Kasturba Gandhi Marg,
New Delhi - 110001, Delhi, India
Tel. + 91 11 43596951

info@booslight.com
www.booslight.com