

New edges for the new
lighting age



VICTORY

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

GERMANY
Im Ochsenstall 7
76689 Karlsdorf – Neuthard, Germany
Tel. +49 725194470

RUSSIA
6, 1st Rizhskiy pereulok, Moscow, Russia, 129626
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



VICTORY



DESIGN

VICTORY's distinctive appearance is conceived to distinguish itself from competitors and proves that economy range of street lighting luminaires can be aesthetically attractive.

It has been designed to become a gracious element of the urban and interurban scene devoted to sustainable zero-fault production, future-in-mind, timeless design, upgradable, best-in-class performance, versatile and easily serviceable fitting, eligible for both new and renovation projects.

INNOVATION

The way BOOS articulates innovation advocates provision of the best possible solutions to meet all existing and new requirements as well as anticipating future market needs.

This is accomplished by means of a unique receipt: the sum of good design + best practices + reliable solutions + proved components that we make readily available to markets, governments and society.

VERSATILITY

Specially engineered model that bridges latest LED technology of high efficiency with cutting-edge modern mechanical design to provide economy street lighting solutions. VICTORY serves as an unbeatable option to upgrade any so far forgotten city and countryside zone.

RELIABILITY

Designed as an incredible quality complete package assembly of optical, thermal, manufacturing and testing processes, it allows you to obtain an exceptionally reliable performance and the longest luminaire operation life ratio in the market, with minimal maintenance over the years.

PERFORMANCE

Due to the tight and limited budgets available, VICTORY is to become the long-term referenceluminaire in today's economic scenario that requires a superior performance fitting that minimizes the Total Cost of Ownership of an installation.

VICTORY is the perfect travelling companion when a municipality and/or developer is planning the long-term investments for renovation or new lighting installations.

SERVICEABILITY

VICTORY has been engineered to satisfy every installer's requirement: its sustainable conception is based on long-term value added, manufacturing excellence, lifetime control, easy upgradability to incorporate future technological advancements at any stage during its service life and tools-free installation, servicing and maintenance.

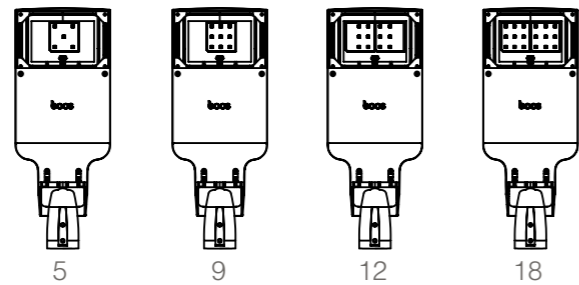




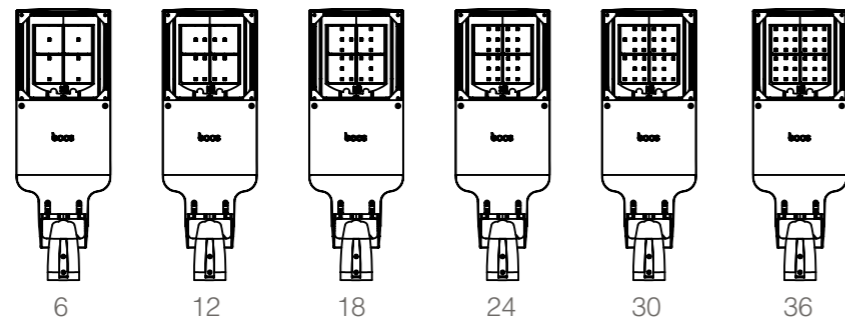
LIGHTADAPT consists of a package of LED PCBs array of lenses, glass and gaskets. Our optics have all been in-house designed and in-house manufactured. From 5 up to 36 high power LED PCBs, depending of the sizes and the requirements of the installation. Every model's size has its own different LED arrays patterns according to the requirements of the lighting project.

These patterns allow that the distance between LEDs and the disposition of the LEDs within the PCB reduces the temperature inside the fitting thus maximizing heat dissipation and prolonging the lifetime of the fitting and its components, reducing the energy consumption and improving the luminaire efficiency.

MICRO



MINI

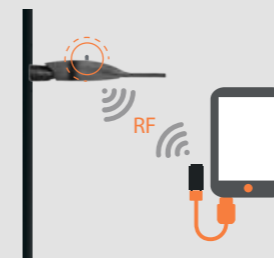


LEDS	NEUTRAL MIN(lm)	WHITE MAX(lm)	POWER (W) MIN/MAX	L80B20
5	850	1450	7-14	100
9	1500	2650	12-25	100
12	2000	3550	15-27	100
18	3000	5350	21-41	100

LEDS	NEUTRAL MIN(lm)	WHITE MAX(lm)	POWER (W) MIN/MAX	L80B20
6	1000	1800	8-17	100
12	2000	3550	15-27	100
18	3000	5350	21-41	100
24	4000	7250	27-63	100
30	5000	9000	35-72	100
36	6000	10500	40-83	100

LOCAL

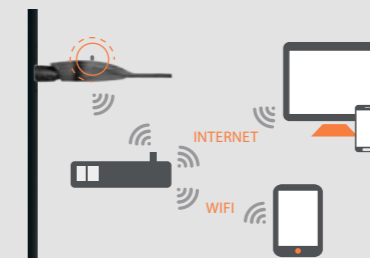
- Luminaire with integrated antenna and built-in controller.
- DALI driver.
- Powermeter.
- Drivers with memory.
- Creation of different programs.
- Loading programs through the drivers.
- Individual or group control.
- System identification.



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

REMOTE

- 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.

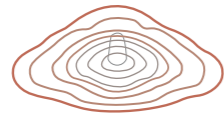
GLOBAL

- 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.



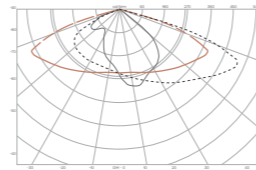
- With annual costs for data support, monitoring and management.
- Integrated vertical system on the horizontal municipal platform.

ORS

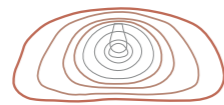


Installations Class M1-M2 $w=0,7 \div 1h$; $S \geq 3,5h$.
Installations Class M in urban areas with high intensity and speed.

Width (w) x Height (h): $0,7 \div 1$
Class (Installation): M1 - M2

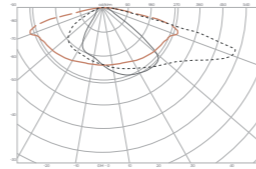


ORSH

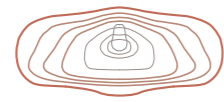


Installations Class M3 with $w=1,4h$; $S \geq 5h$.
Installations in city centers Class P1-P6 $w=1,4h$; $S \geq 8h$.

Width (w) x Height (h): $0,7 \div 1$
Class (Installation): M3 - M4

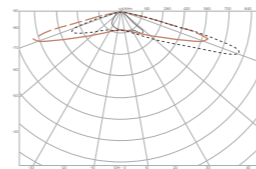


ORWY

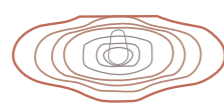


Installations "M3-M6" $w=0,7 \div 1h$; $S \geq 4h$; Specially devoted for Smart Poles and Columns & Lighting Columns.
Installations "P1-P6" $w=0,7 \div 1h$; $S \geq 5h$;
Perfect solution for Bollards (lower height).

Width (w) x Height (h): $0,7 \div 1$
Class (Installation): P1 - P6

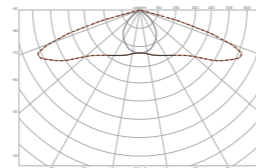


ORN

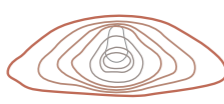


Layouts with $w=0,7 \div 1h$, with lighting pole place in the center of the transversal section.
Single-side lighting layouts with transversal $w=0,7h$ with tilted. Installations Class C2-C5 with $w=0,7h$; $S=5h$.
Walking and cycling paths.

Width (w) x Height (h): $0,7 \div 1$
Class (Installation): P1 - P6

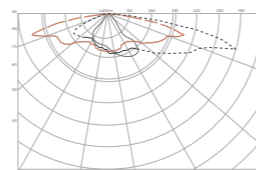


ORNW



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 $w=0,7 \div 1h$; $S \geq 8h$.
Installations Class M in urban areas with motorized traffic.

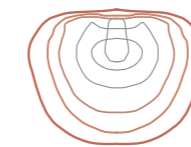
Width (w) x Height (h): $0,7$
Class (Installation): M5 - M6; P1 - P6



WALKING AND CYCLING PATHS (ORN and ORNW optics)

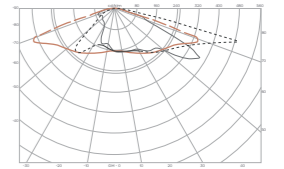
Precision in lenses design, mastering of production and flexibility in each application deliver an unique set of lenses that can be applied to specific projects where priority of use of the pavement is given to bicycles and pedestrians.

ORWW

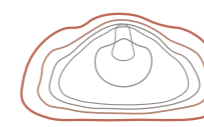


Installations Class "C0-C5" $w=0,7 \div 1,4h$; $S \geq 3,5h$.
City center urban areas.

Width (w) x Height (h): $0,7 \div 1,4$
Class (Installation): C0 - C5

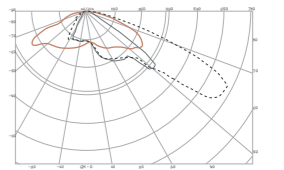


ORWA



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

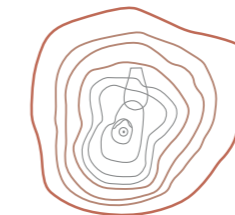
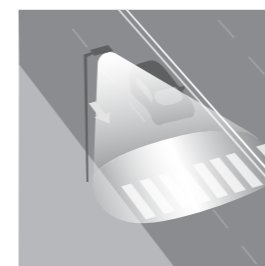
Width (w) x Height (h): -
Class (Installation): C0 - C5



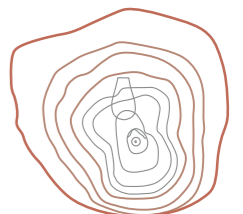
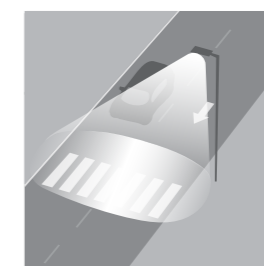
BOOSPedestrian

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

PCR



PCL



BOOSBackLight

VICTORY 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.



Without backlight



Backlight effect

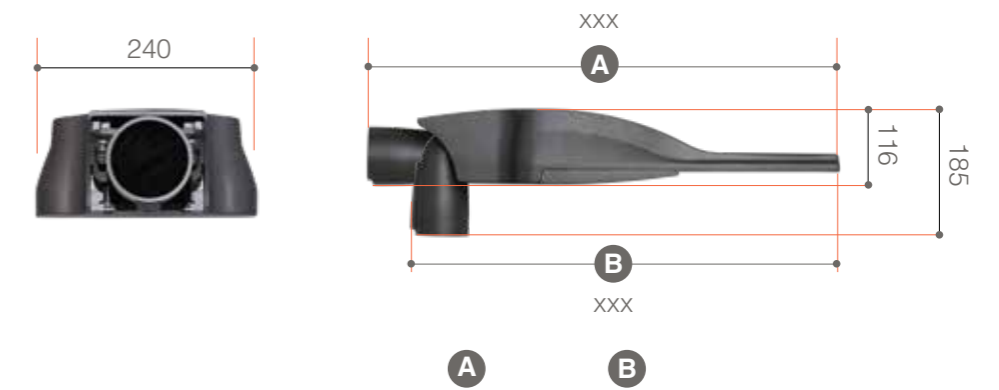
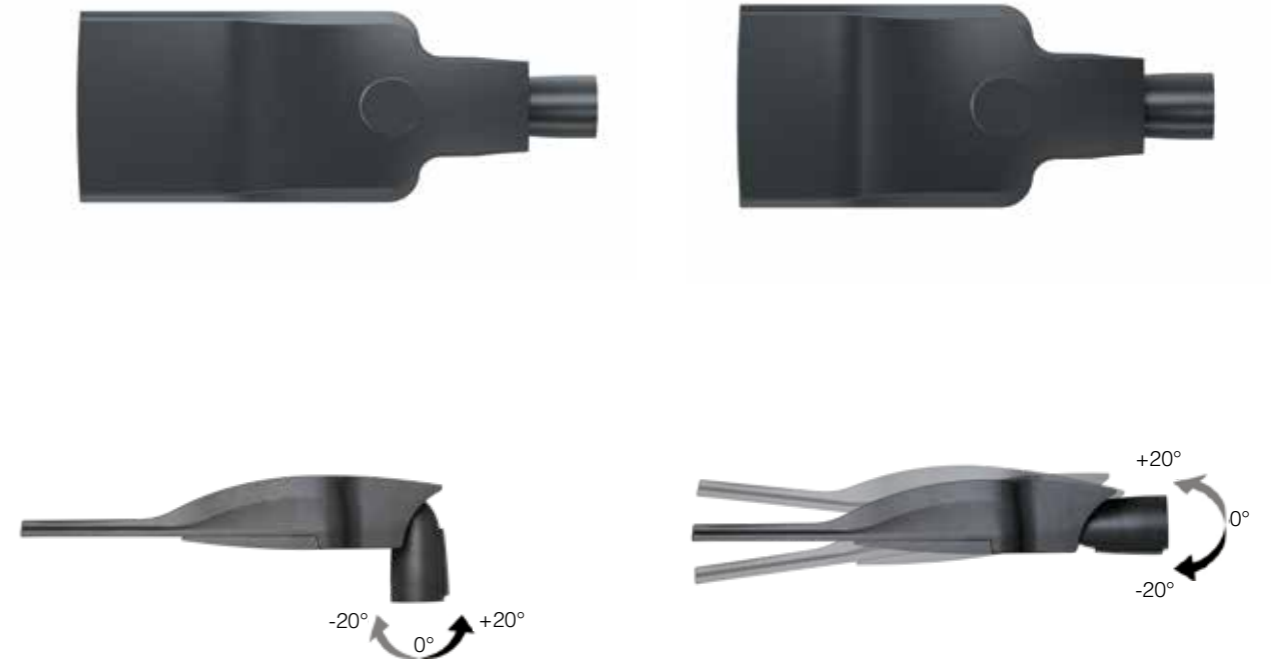
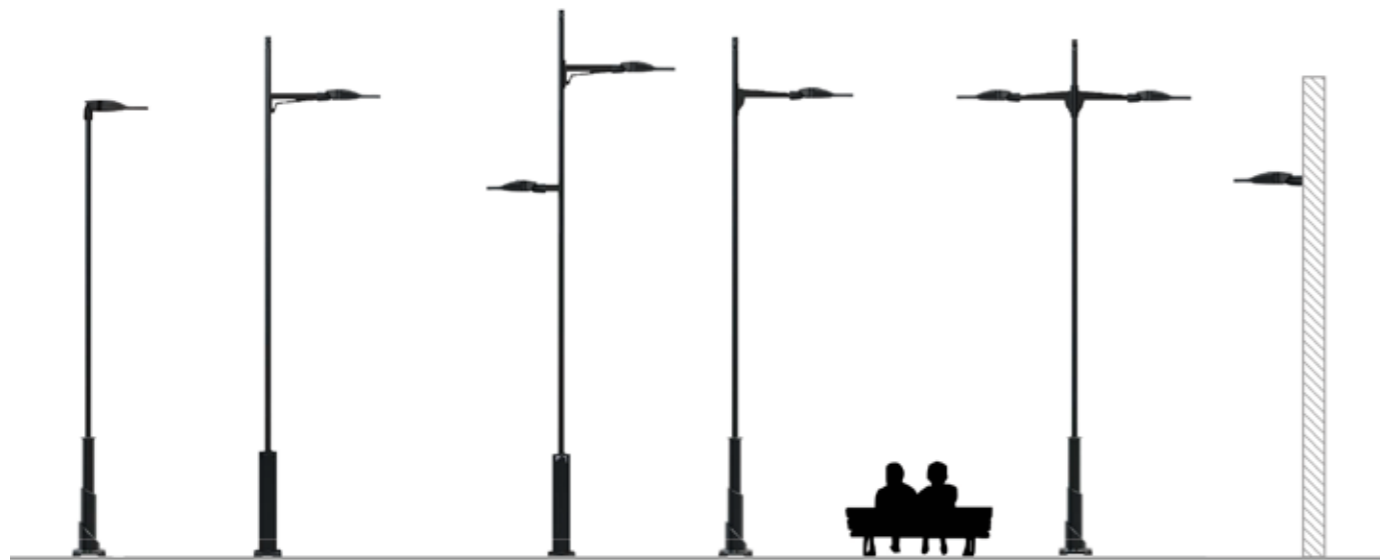


BOOSBackLight doesn't alter the external appearance of the fitting.

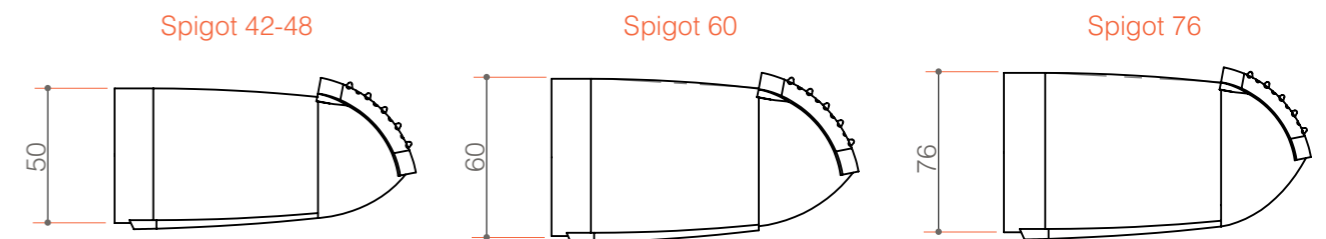
Die cast aluminium and any other metal part are chemically cleaned before applying a textured polyester electrostatically and thermally cured powder coating finish. This process grants that the external aesthetic appearance and the integrity of the fittings is long-life secured.



Special painting *bord du mer* as an option for the installations located on the sea front or in special areas.



	xxx	xxx
	A	B
	116	185
	B	xxx
	A	B
VICTORY micro	608 mm	540 mm
VICTORY mini	688 mm	620 mm



PARAMETER	TECHNICAL DATA
Type	VICTORY micro (from 5 to 18 LEDs) & VICTORY mini (from 6 to 36 LEDs)
Light source	built-in LED module
Color temperature	4000 K as standard. Optional 2700K, 3000K & 5000K. Amber LED available
Color stability	3 or 5 MacAdam steps for all standard LED colors
Color Rendering Index	>70 (neutral white and cool white), >75 (warm white)
Luminous Flux (led flux @ Ta=25C outdoor)	from 850 to 11000 lm
Power	from 5W up to 83W
Luminaire efficiency	up to 145 lm/W
Lumen Maintenance (LM-80)	up to 100,000 hours at L80B20
Constant lumen output (CLO)	as standard
Optics	ORS, ORNW, ORSH, ORWY, ORWW, ORWA, PCR, PCL. Boos Backlight available.
Optical Cover	flat glass
ULOR (%)	0% for flat glass versions
Spigot diameter	42 mm, 60 mm, 76 mm
Luminaire tilt	-20° / +20° (every 2.5 degree step)
Control inputs	DALI, 1-10V, different main voltage, Line control
Inrush current driver	22W: 14A@150us, 40W: 21A@300us, 75W: 43A@280us,
Electrical class	class I and class II (According to IEC-EN 60598)
Color	Noir 2200 Sable, Grey 2900 Sable (RAL or AKZO Future colors available)
IP rating	IP66
IK rating	IK08 (according to IEC - EN 62262)
Weight	VICTORY micro: 5.4 kg, VICTORY mini: 6.5 kg (May vary depending on driver and options)
ScX	front: 0.016m ² , side: 0.1m ² .
Operating temperature range	-40°C <Ta<40°C
LED module thermal protection	yes
Driver thermal protection	yes
Surge protection	4kV (10kV available as an option)
Electrical connection	M20 cable gland (strain relief), cable 10-14 mm.
Maintenance	easy one-man maintenance and replacement
Options	mini Photocell and NEMA socket, including cable
Certifications	CE, ENEC (in certification)
Material	canopy, frame and attachment: die-cast aluminium; flat tempered glass cover gear tray: stainless steel lenses: low loss and low yellowing polycarbonate

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 VICTORY 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 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.

