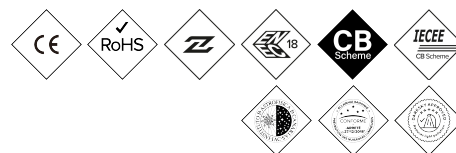
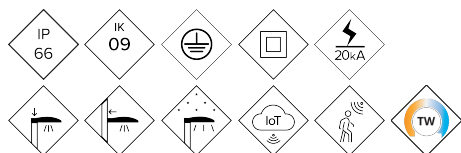


ALIBS

Luminary

INNOVA S B



Ellipsoidal ambient lighting fixture suitable for urban Residential environments. Its narrow profile and Pole mounting via a ball joint make it adaptable to various settings, from Residential roads to plazas and landscaped areas. Available in 10W to 40W wattages, its high heat dissipation capacity ensures robustness and reliability. Compatible with any remote management system. For outdoor use. Product type: (Street lighting fixtures).

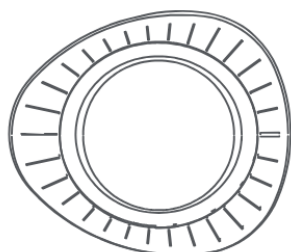
MAIN FEATURES:

- High efficiency. Up to 145 lm/W actual.
- Adjustable via a ball joint, or suspended.
- Dual cavity, driver and optical group
- Easy opening without tools
- 18 Different light distributions
- Zhaga Standard (Book 15)
- Ready for IoT. Ready for connectivity

APPLICATIONS:

- Urban Roads and Streets
- Residential Streets (Zones 30)
- Cycle Lane and Narrow Tracks
- Rural Roads
- Parking

DETAILS:



Design by Benito Research Center.



Lyre with a sinuous curve design.



Tool-free opening.

[Project sheet](#) | [CAD](#) | [Mounting instructions](#) | [HD image](#)

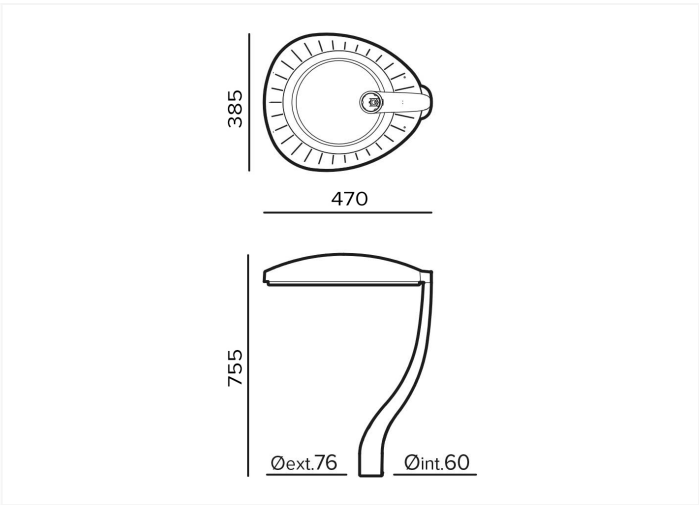
BENITO

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SPECIFICATIONS :

Housing material:	Die-cast aluminum casting of type EN AC-43000, EN AC-43100, EN AC-43400, EN AC-44100, EN AC-47100 according to standard UNE EN 1706.
Diffuser (optic system enclosure):	5mm tempered glass, filters UV rays. Optionally available in polycarbonate.
Fixing elements:	18/8 Stainless Steel - AISI 304
Housing:	Dual Cavity: LED Driver / Module
Sealing gaskets:	Silicone Foam
IP rating (luminaire):	IP66
IP rating (optic system):	IP66
IK rating (impact resistance):	IK09
LEDs thermal dissipation:	Heat dissipation is achieved through the luminaire body, without external fins or conductive fluids. Passive convection heat dissipation is achieved by ensuring thermal contact between the LED modules through a high-conductivity heat transfer material.
Anti-condensation valve:	Pressure compensation valve that ensures the evacuation of moisture, preventing condensation, maintaining the IP rating of the luminaire.
Paint and finishes:	Polyester powder coating, electrostatically sprayed and oven-cured. Corrosion resistant.
Colour:	RAL 9022 and RAL 7043 colors (Optional: other colors available upon request)
Mounting:	Post-Top Fixing Ø60mm
Tilt range:	Adjustable luminaire from -90° to 90° inclination
Maintenance:	Easy to open without special tools. Replaceable modules: LEDs, Drivers, SPD.
Recommended mounting height:	4 - 6 m
Driver:	Adjustable and programmable constant current driver with multiple levels (0-10V, 1-10V, DALI2, NFC). Integrated within the luminaire, pre-wired on a steel plate. .
Flow Reduction:	Dual level with command line, different timed levels or virtual midnight, flow reduction at the head end.
Ready4IOT - Connectivity:	Zhaga Base (Book 18) - D4i. (Optional). NEMA 5,7 Pins Base (Optional). Bottom side Presence Sensor on Zhaga Base (Book 18) - D4i. (Optional).
Surge protection device (SPD):	Type T2+T3, 10-20kV and 20kA transient surge protector. Series connection with thermofuse, disconnection for a more effective protection at the end of the SPD service life. (Optional SPD Full Permanent Surge Protector >264Vac to <170VAc).
DarkSky Approved	The mount is pre-installed at 90 deg post top orientation, or 0 deg lateral mount orientation and non-adjustable.

DRAWING:



INSTALLATION:

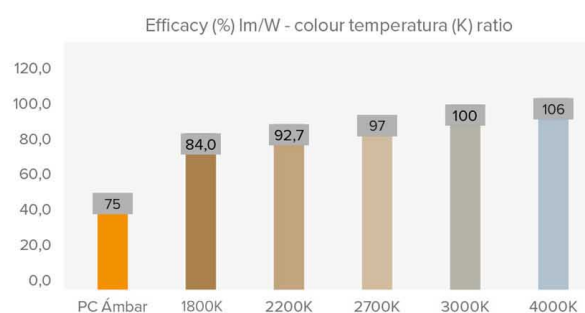


V. 2026-06-11 | The constant improvement and evolution of our products may result in some modifications of the technical specifications and characteristics of the products without prior notice.

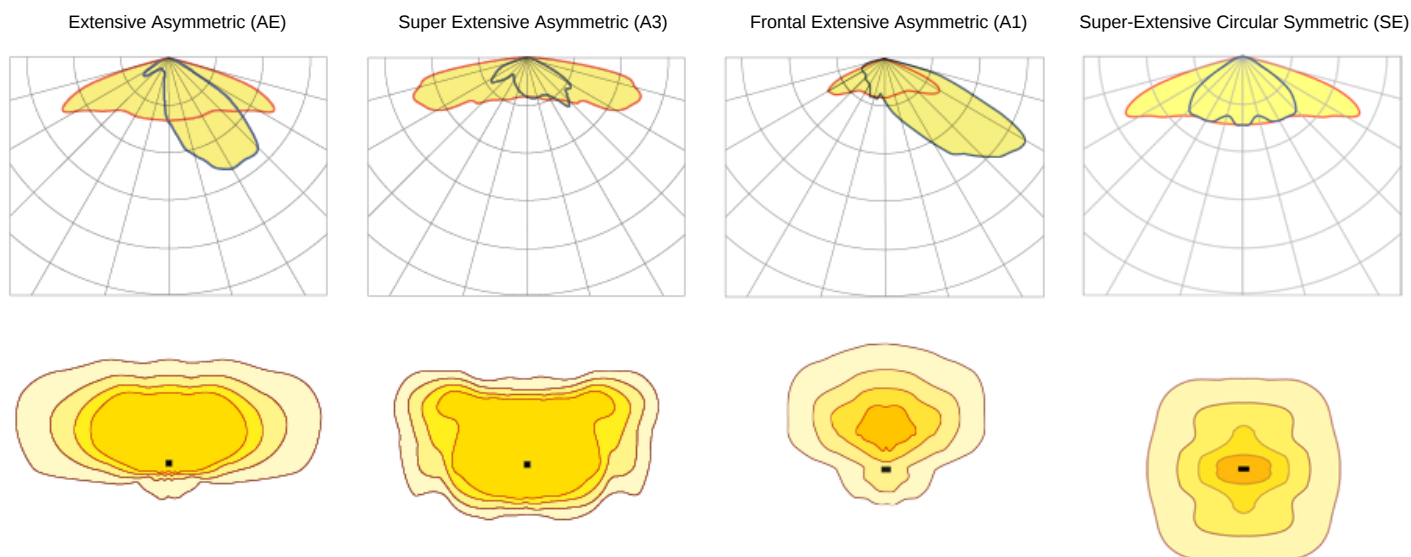
TECHNICAL DATA:

	REF.	Nº LEDs	Power W	I Driver mA	Real luminous flux (T) =85°C		Initial luminous flux (T) =25°C	
					Flux lm	Efficacy lm/W	Flux lm	Efficacy lm/W
INNOVA S B	ALIBS	12	10	250	1420	142	1620	162
		12	20	500	2820	141	3215	161
		12	30	750	4260	142	4860	162
		24	40	500	5642	141	6432	161

Flujos lumínicos y Eficiencias en 3000K y CRI>70 – Tolerancia ± 3%
Aprobado por DarkSky con 3000K o menor



PHOTOMETRY:



*Show 4 recommended lighting distributions. Refer to the 18 typologies.

LEDs MODULE:	
LEDs module:	BENITO Zhaga 12-LED format. Consult Color Temperatures, CRI and Light Distributions. (Optional NTC temperature probe).
Replaceable module:	Yeah
LED:	5050
Number of LEDs:	12 - 24
PCBs format:	1, 2 o 3 Zhaga (Book 15) 2x6
LED nominal efficacy:	172
Colour temperature:	PC Amber - 1K8, 2K2, 2K7, 3K, 4K, TW - Tunable White
Colour rendering index CRI:	>70 (optional >80)
Average LED useful time L90B10:	L90B10 >100.000 horas

OPTIC SPECIFICATIONS:	
Optic system:	PMMA lenses 2x2
Light distributions:	18 light distribution curves. A1,A2,AE and SE distributions are DarkSky Approved
Upward light output ratio ULOR:	0%
Downward light output ratio DLOR:	100%
Glare index:	Between D5 and D6 (depending on the light distribution)
Luminous intensity category:	Between G*4 and G*6 (depending on the light distribution)
Luminous flux CIE n°3:	>95% (Consultar las 18 Distribuciones lumínicas).
Photobiological safety:	RG0 (risk-free)
Initial luminous flux Tj=25°C (up to):	lm 6432
Initial luminaire efficacy Tj=25°C (up to):	lm/W 161
Real luminous flux Tj=85°C (UNE EN 13032-4) (up to):	lm 5642
Real luminaire efficacy Tj=85°C (UNE EN 13032-4) (up to):	lm/W 141

ELECTRIC SPECIFICATIONS:	
Nominal maximum power (LEDs):	W 36
Maximum power consumed (luminaire):	W 40
Power range:	W 10-40
Maximum current of LED:	mA <470 (Corriente LED = 50% Corriente del Driver).
Power supply protection classes IEC:	Class I and II
Surge protection device (SPD):	Type 2 and Type 3, 10-20kV and 20kA transient surge protector. Series connection with thermal fuse disconnecter for a more effective protection at the end of its service life.
Common and differential mode protection (SPD) Udc:	kV 10
Max current (8/20) (SPD):	kA 20
Thermal phase disconnection (SPD):	Yes
Input voltage:	Vac 220-240
Input voltage (max rate):	Vac 198-264
Input frequency:	Hz 47-63
Starting current:	A <65
Duration of the starting voltage peak:	ms <0,3
Driver efficacy:	>90%
Power factor 100% consumption:	>0,98
Power factor 50% consumption:	>0,95
Total harmonic distortion (THD):	<10
Power consumption on standby mode:	W <0,4
Energy class:	C (Según Reglamento UE 2019/2015 EPREL) - A++ IPEA>1,15

OPERATING CONDITIONS:	
Average LED useful time L90B10:	hours >100.000
Average driver useful life to Tp <70°C:	hours 100.000
Average luminaire useful life L90B10 (TM-21):	hours >100.000
Ambient temperature (Ta):	°C de -35°C a +50°C
Aerodynamic resistance (CxS):	m2 0,076
Vibration test (15Hz 3 axis):	
Guarantee:	years 5 (extensible up to 10 years)

PACKAGING DIMENSIONS:	
Net weight	kg 0
Gross weight	kg 0
Luminaire dimensions (LxWxH)	mm 470x385x755
Packaging dimensions (LxWxH)	mm 0
Pieces per box	1
Quantity per container 20ft	560
Quantity per container 40ft	1176

CERTIFICATES:	
Security certificates:	EN 60598-1 / EN 60598-2-3 EN 62493 / IEC 62471
EMC certificates:	EN 55015 / EN 61547 / EN 61000-3-2 / EN 61000-3-3 EN 61347-2-13 / EN 61347-1 / EN 62384
Other certifications:	IEC 62262 / EN 13032-4 / EN 62717 / EN 6272-1 EN 6272-2-1 / EN 61643-11

Company Certifications



Especificaciones Retilap: [Esquema eléctrico de luminaria.](#)

BENITO

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