Sensy 3
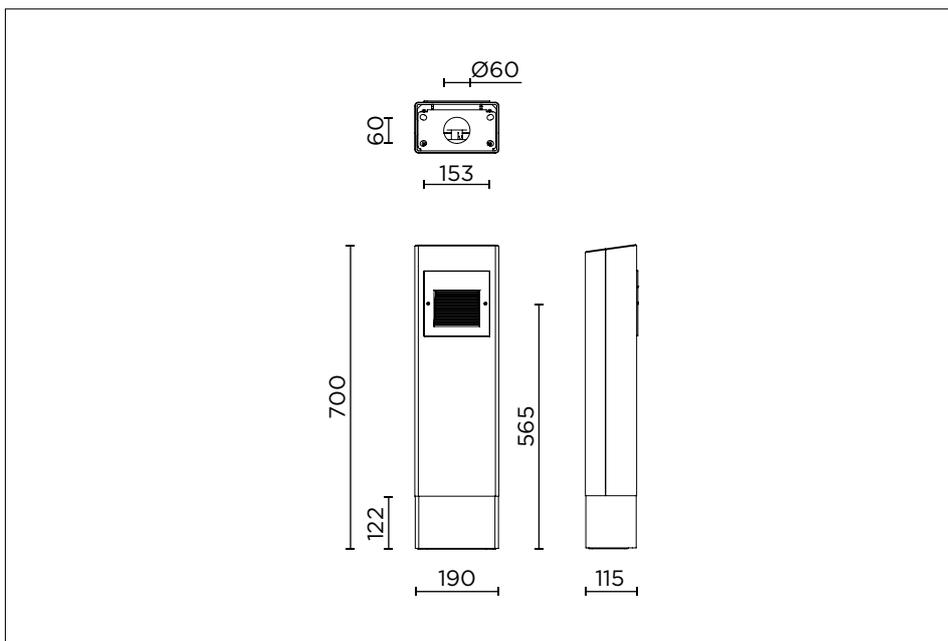## LSE2000
Low lighting bollard - 4 W

Technical description

Rectangular bollard made of solid Accoya® wood sourced from sustainably managed forests (FSC).
Accoya grade A1, bending strength C22. Use Class 4 (UC4) according to EN 335, Durability Class 1 (DC1) according to EN 350. Wood modified through an acetylation process and certified Cradle-to-Cradle Gold. Four-step staining process with water-based stains. Stain durability > 10 years.
Fire reaction class EUROCLASS D-s2, d0 according to EN 13501-1 standard. Class B-s1, d0 available on request with fire-retardant treatment.
Stainless steel base, polyester powder-coated. Seawater atmosphere protection available upon request.

Dimensions: H 0.70 m • 190 × 115 mm
Weight: 10 kg

Efficient optical system with asymmetrical elliptical diffusion. Luminaire made of cast aluminum, aluminum, and stainless steel.
BEGA Tricoat® coating technology. Safety glass with optical structure. Silicone seal.
BEGA Thermal Switch® • BEGA Ultimate Driver®
DALI control on request.
Connecting cable 5G 1 mm².
Protection class I ▢
⚡10 ⚠ Safety symbol   CE Compliance mark
Degree of protection: IP 65
Mechanical impact resistance IK10

Lighting data

Connected power / Light source: 4 W
Ambient temperature: $t_{a\,max}$ = 45 °C
Guaranteed availability of LED modules for 20 years.
▢ Compliant with the «light pollution» Decree of December 27, 2018.

Luminous Flux Table

3000 K	code + .K3	298 lm	74,5 lm/W	CRI>80
2700 K	code + .K27	287 lm	71,75 lm/W	CRI>80
2200 K	code + .K22	230 lm	57,7 lm/W	CRI>80

*Amber or BugSaver on request

Ratio of luminous flux

Luminous flux upper half-space: 0.1 %
Luminous flux lower half-space: 1313.13 %
BUG rating according to IES TM-15-07: 0 – 0* – 0
CEN Flux Code according to EN 13032-2:
27 – 72 – 96 – 100 – 100

Life span

The estimated lifespan of the product exceeds 25 years. Accoya® wood offers a 25-year warranty in contact with the ground or in freshwater, and 50-year warranty for above-ground applications.

Source:
Rated temperature t_a = 25 °C
LED psu: > 50.000 h
LED module: > 200.000 h (L 80 B 50)
                               100.000 h (L 90 B 50)
Ambient temperature max. t_a = 55 °C (100 %)
LED psu: 50.000 h
LED module: > 200.000 h (L 80 B 50)
                               100.000 h (L 90 B 50)

Maintenance and lifespan

In order to maintain the performance of the columns and their aesthetics, it is advisable to plan periodic maintenance of the wood every 15 years (10 years on sites exposed to the sea front) by renewing the finish. This operation does not require any particular expertise or removal of the columns. AUBRILAM can assist you in this process by providing a staining kit with the application protocol.
It is recommended to regularly clean metal surfaces with soapy water. Make sure to use non-aggressive products. Never use corrosive products or scouring pads. Once a year, check that there are no signs of oxidation on the metal parts.

Installation

Base plate dimensions : 190 × 115 mm
Spacing dimensions : 153 × 60 mm
Fixation hole : 8 × 10 mm

Fixing with 4 Anchor bolts M10 × 120 mm, supplied only on request. Other type of fixing on consultation.

Accessories

DAC1004: Installation on finished ground
DAC1005: Installation on concrete base

Cuztomization

Customization available upon request.

Finish

Product shown in Brume wood and Graphite metal, code +.W01L.M01.K3. Available finishes in the colours below. Other colors available upon request.
L = Smooth, **B** = Brushed, **C** = Whitewashed.

Color+Protect® wood

W**01L•B**	W**02L•B**	W**05L•B**	W**06L•B**
Brume	Cooper	Ferrara Oak	Basalt
W**08B**	W**10C**	W**11C**	
Origin	La Mer	Burnt Umber	

NaturalLife® wood

R**01L•B**	R**02L•B**	R**05L•B**	R**06L•B**
Havana	Natural	Ash Grey	Charcoal

Metal

M**01**	M**02**	M**03**	M**05**
Graphit	Silver	RAL 7006	Black 2100
M**06**	M**50**	M**52**	
Black 2200	Random rust	Brown 2650	