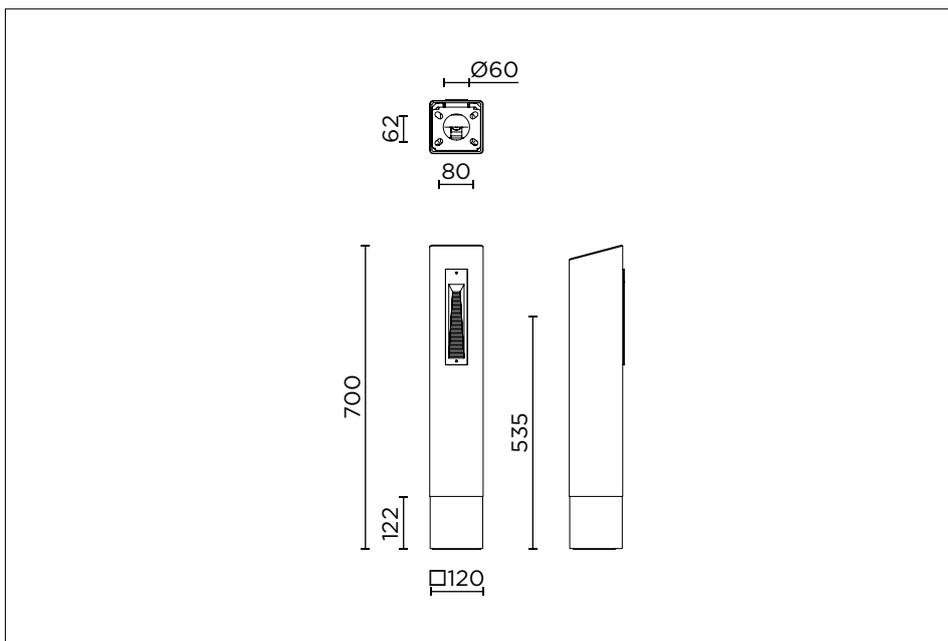
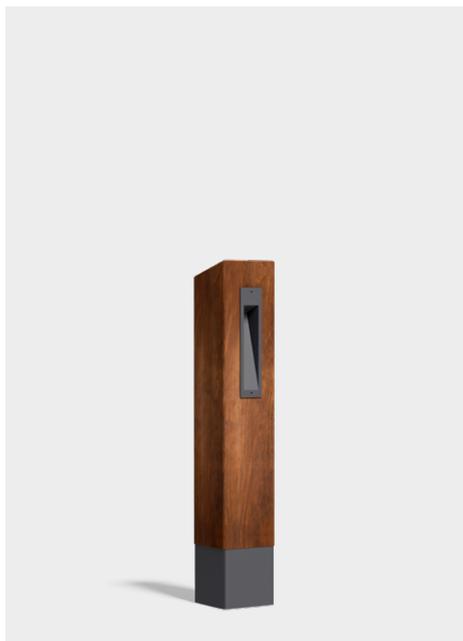


Sensy 1

LSE2010

Low lighting bollard - 2.7 W



Technical description

Square 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.
 Aluminum base, polyester powder-coated. Seawater atmosphere protection available upon request.



Dimensions: H 0.70 m • □ 120 mm
 Weight: 6 kg

Optical system with asymmetrical diffusion.
 Luminaire made of cast aluminum, aluminum, and stainless steel.
 BEGA Unidure® coating technology. White safety glass.
 BEGA Thermal Control® • BEGA Ultimate Driver® On/Off
 Connecting cable 3G 1.5 mm².
 Protection class I □
 Safety symbol ☸ Compliance mark CE
 Degree of protection: IP 65
 Mechanical impact resistance IK10

Lighting data

Connected power / Light source: 2.7 W
 Ambient temperature: $t_{a,max} = 65^{\circ}C$
 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	95 lm	35,2 lm/W	CRI>80
2700 K	code + .K27	80 lm	29,6 lm/w	CRI>80
2200 K	code + .K22	80 lm	29,6 lm/w	CRI>80

*Amber or BugSaver on request

Ratio of luminous flux

Luminous flux upper half-space: 01%
 Luminous flux lower half-space: 1313.13%
 BUG rating according to IES TM-15-07: 0 – 1 – 0
 CEN Flux Code according to EN 13032-2:
 44 – 82 – 98 – 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 $t_s = 25^{\circ}C$
 LED psu: > 50.000 h
 LED module: > 200.000 h (L 80 B 50)
 100.000 h (L 90 B 50)
 Ambient temperature max. $t_s = 65^{\circ}C$ (100 %)
 LED psu: 50.000 h
 LED module: 135.000 h (L 80 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 : □ 120 mm
 Spacing dimensions : 80,5 × 61,5 mm
 Fixation hole : 4 × Ø10 mm

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

Accessories

DAC1000: Installation on finished ground
 DAC1001: 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

W01L-B	W02L-B	W05L-B	W06L-B
Brume	Cooper	Ferrara Oak	Basalt
W08B	W10C	W11C	
Origin	La Mer	Burnt Umber	

NaturalLife® wood

R01L-B	R02L-B	R05L-B	R06L-B
Havana	Natural	Ash Grey	Charcoal

Metal

M01	M02	M03	M05
Graphit	Silver	RAL 7006	Black 2100
M06	M50	M52	
Black 2200	Random rust	Brown 2650	