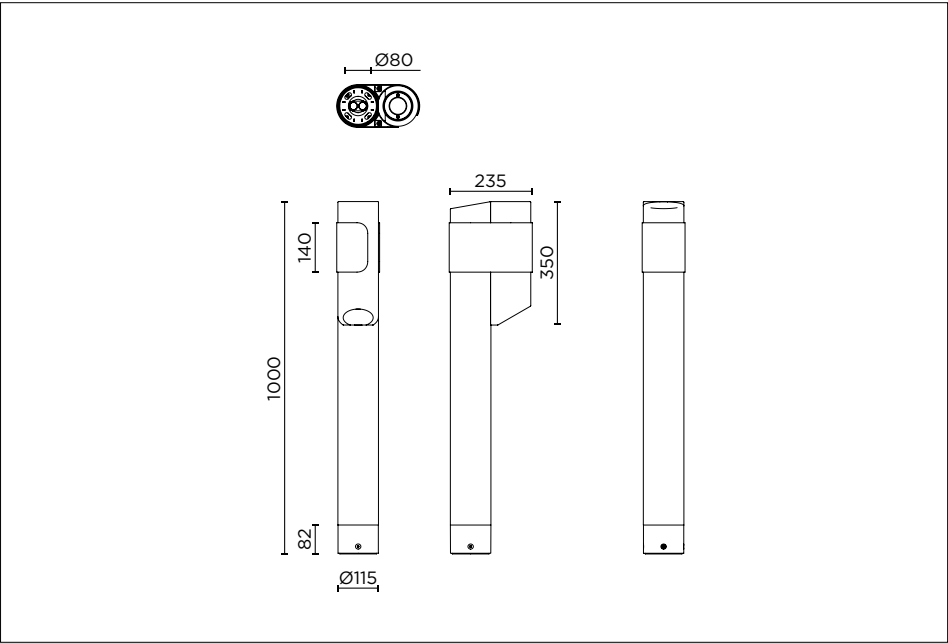


Solina 1

LSO3000  
Lighting bollard - 4.5 W



Technical description

Round 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 1 m • Ø 115 mm + Ø 130 mm  
Weight: 10.7 kg

Optical system with symmetrical diffusion.  
Luminaire made of cast aluminum, aluminum, and stainless steel.  
Clear safety glass. Silicone seal.  
DALI control  
Connecting cable 4 × 1 mm².  
Protection class II   
 Safety symbol Compliance mark  
Degree of protection: IP 65  
Mechanical impact resistance: IK06

Lighting data

Connected power: 4.5 W  
Ambient temperature: t<sub>a max</sub> = 55 °C  
Guaranteed availability of LED modules for 20 years.

Luminous Flux Table				
3000 K	code + .K3	324 lm	72 lm/W	CRI>80
2700 K	code + .K27	315 lm	70 lm/W	CRI>80
2200 K	code + .K22	253 lm	56.2 lm/W	CRI>80

\*Amber or BugSaver on request

Ratio of luminous flux

Luminous flux upper half-space: 0 %  
Luminous flux lower half-space: 100 %  
BUG rating according to IES TM-15-07: 0 – 0 – 0  
CEN Flux Code according to EN 13032-2:  
87 – 98 – 100 – 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<sub>s</sub> = 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<sub>a</sub> = 55 °C (100 %)  
LED psu: 50.000 h  
LED module: 82.000 h (L 80 B 50)  
100.000 h (L 70 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

Plate dimensions : Ø 114 mm  
Spacing dimensions : Ø80 mm  
Fixation hole : 11 × 22 mm

Fixing with 4 Anchors bolts M8 × 100 mm fournis. Other type of fixing on consultation.

Accessories











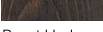
DAC1008: Installation on finished ground  
DAC1009: Installation on concrete base









Cuztomization

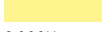


Customization available upon request.

Finish

The finish shown is in Brume wood and Graphite metal, code +.W01.M01.K3. Finish options available in any of the standard shades from the AUBRILAM color chart. Other colors available upon request.

Wood			
 Brume code+.W01	 Cooper code+.W02	 Tyrol Pine code+.W03	 Chestnut code+.W04
 Ferrara Oak code+.W05	 Basalt code+.W06	 Meteor code+.W07	 Origin code+.W08
 Alizé code+.W09	 La Mer code+.W10	 Burnt Umber code+.W11	

Metal			
 Graphite code+.M01	 Silver code+.M02	 RAL 7006 MFT code+.M03	 Grey 2900 sanded code+.M04
 Black 2100 sanded code+.M05	 Black 2200 sanded code+.M06	 Random rust code+.M50	 Crystal black code+.M51

Lighting		
 3 000K code+.K3	 2 700K code+.K27	 2 200K code+.K22