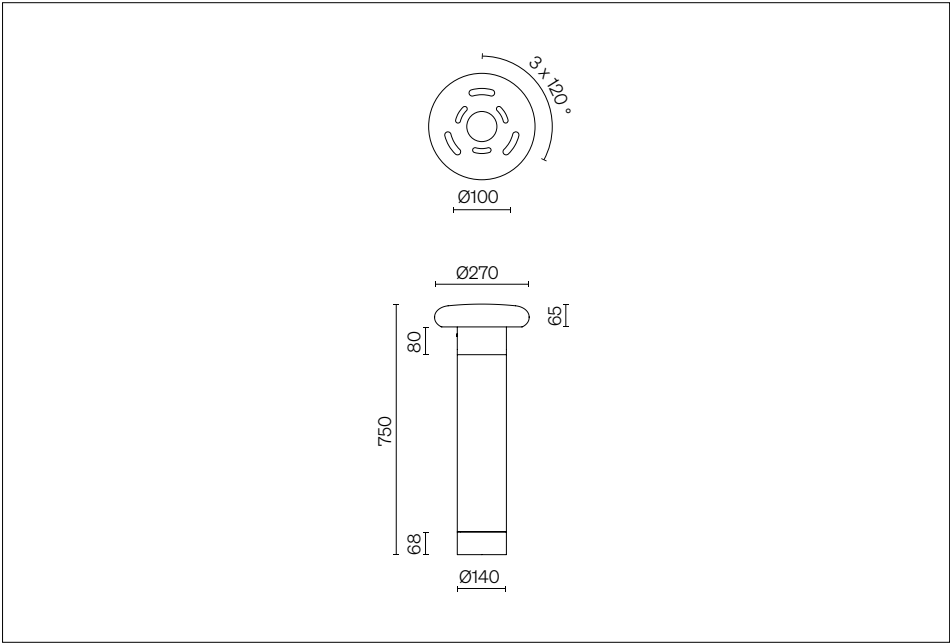
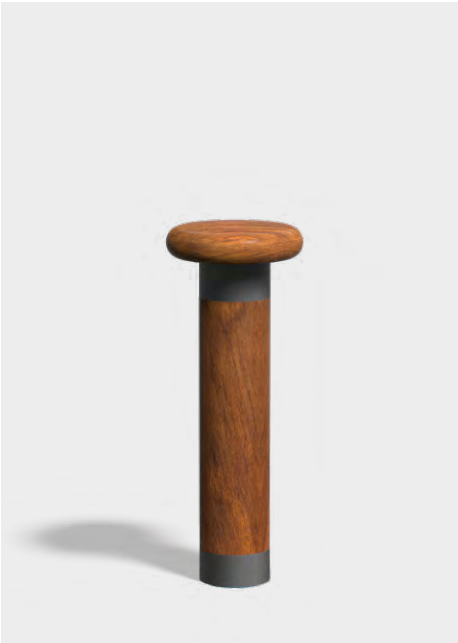


SoMa

LSM2000
Lighting bollard -8.8 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 0.75 m • Ø 140 mm
Weight: 7.5 kg

High-performance optical system with shielded light emission and 360° light distribution.
Cast aluminum, aluminum and stainless steel. BEGA Unidure® coating technology.
Matt safety glass. Silicone seal. Reflector made of ultra-pure aluminum.
Connecting cable 3G 1 mm²
BEGA Ultimate Driver® • BEGA Hybrid Optics® • BEGA Thermal Control®
Protection class I □
Safety symbol Safety symbol Compliance mark
Degree of protection: IP 65
Mechanical impact resistance IK10

Lighting data

Connected power / Light source: 8.8 W
Ambient temperature: t_{a, max} = 60 °C
Guaranteed availability of LED modules for 20 years.

Luminous Flux Table				
3000 K	code + .K3	898 lm	102 lm / W	CRI>80
2700 K	code + .K27	871 lm	99 lm / W	CRI>80
2200 K	code + .K22	775 lm	88,1 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: 1 – 0 – 0
CEN Flux Code according to EN 13032-2:
50 – 83 – 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 °C
LED psu: > 50.000 h
LED module: 170.000 h (L 80 B 50)
Ambient temperature max. t_a = 60 °C (100 %)
LED psu: 50.000 h
LED module: 110.000 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 : Ø 140 mm
Spacing dimensions : Ø 70 mm - Ø 100 mm
Fixation hole : Ø 7 mm - Ø 9 mm

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

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	