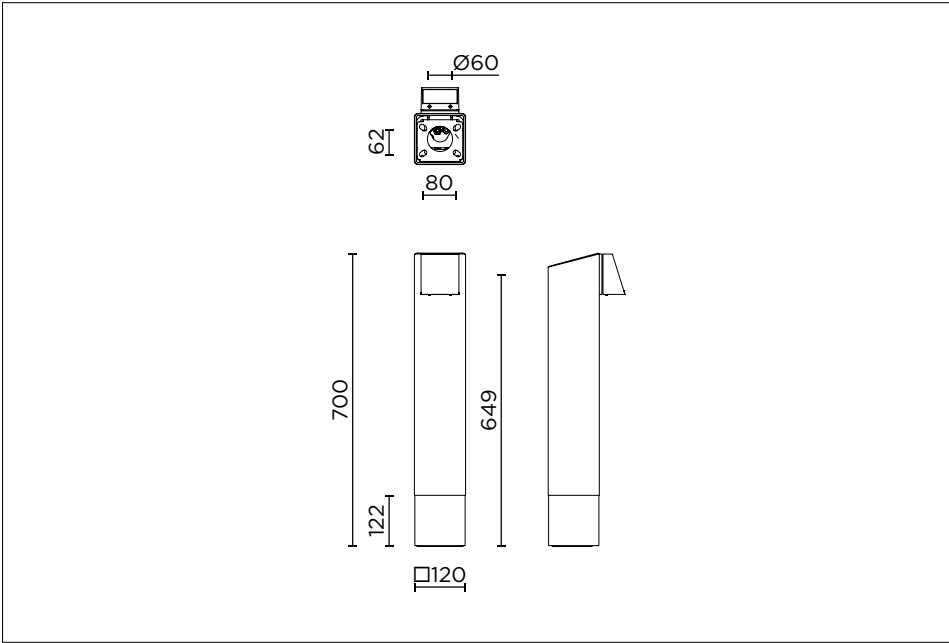


Moshi 3

LMO2002

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 • □ 100 mm  
Weight: 4.5kg

Optical system with elliptical diffusion.  
Luminaire made of cast aluminum, aluminum, and stainless steel. BEGA Unidure®. coating technology. Clear safety glass. Silicone seal.  
BEGA Ultimate Driver®  
On/Off (DALI control on request)  
Connecting cable 3G 1.5 mm².  
Class I protection (class II available on request) □  
☸ Safety symbol    CE Compliance mark  
Degree of protection: IP 64  
Mechanical impact resistance: IK06

Lighting data

Connected power: 2.7 W  
Ambient temperature: t<sub>a, max</sub> = 60 °C  
Guaranteed availability of LED modules for 20 years.  
✓ Compliant with the «light pollution» Decree of December 27, 2018.

Luminous Flux Table				
<b>3000 K</b>	code + .K3	198 lm	73.3 lm/W	CRI>80
<b>2700 K</b>	code + .K27	192 lm	71.1 lm/W	CRI>80
<b>2200 K</b>	code + .K22	144 lm	53.3 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:  
58 – 88 – 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<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> = 60 °C (100 %)  
LED psu: 50.000 h  
LED module: 140.000 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

Plate dimensions : □ 180 mm  
Spacing dimensions : □ 130 mm  
Fixation hole : 4 x Ø10 mm

Fixing with 4 Anchor bolts M8 × 95 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

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