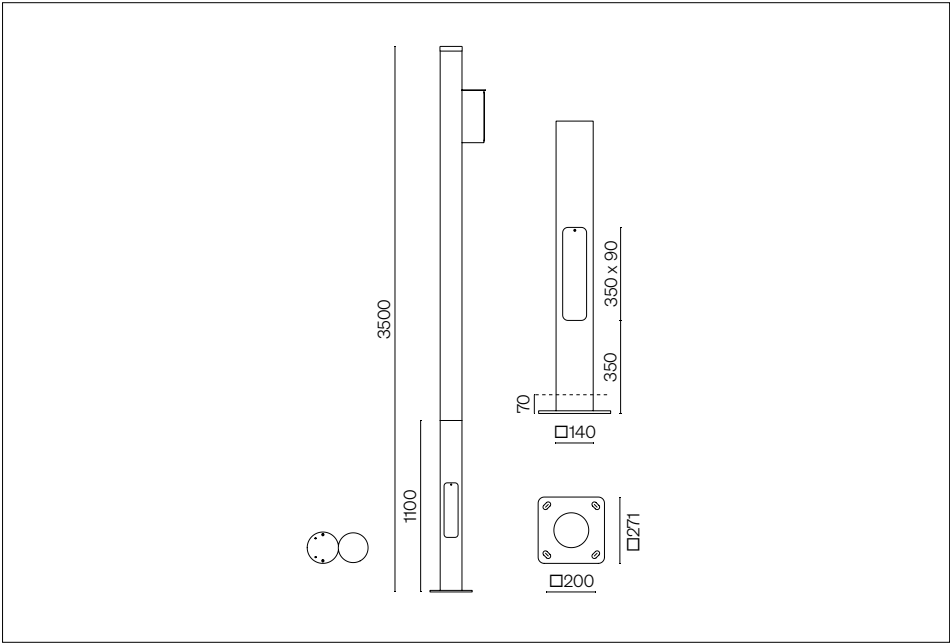


Solina

LSO0351
Light building element - Single 22.5 W



Technical description

Cylindrical light profile made of glue-laminated Scots Pine wood from sustainably managed forests (PEFC).
Strength class GL24H (bending strength C24), ACERBOIS-Glulam certified, and designed using the HTE process with double lamination construction.
Four-step staining process with water-based stains. Stain durability > 6 years.
Fire reaction class EUROCLASS D-s2, d0 according to EN 13501-1 standard.
Base and cap made of galvanized steel, polyester powder-coated. Seawater atmosphere protection available upon request.
CE-marked product (CE conformity certificate 0679-CPR-0473).



Dimensions: H 3.5 m • Ø 140 mm
Base: H 1.10 m • Ø 140 mm
Effective dimensions: 350 × 90 mm • 93 mm
Weight: 34.2kg

High-performance optical system with wall-mounted luminaire featuring elliptical asymmetric distribution.
Aluminum body with polyester powder coating. BEGA Unidure® coating technology. Silicone optical lens.
BEGA Hybride Optics® • BEGA Thermal Control®
DALI control
Connecting cable 5G 1.5 mm².
Class I protection □
Safety symbol □
Degree of protection: IP 65
Mechanical impact resistance: IK06

Lighting data

Connected power: 22.5 W
Ambient temperature: $t_{a,max}$ = 45 °C
Guaranteed availability of LED modules for 20 years.

Luminous Flux Table				
3000 K	code + .K3	2 357 lm	104.7 lm/W	CRI>80
2700 K	code + .K27	2 284 lm	101.5 lm/W	CRI>80
2200 K	code + .K22	1 700 lm	75.6 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:
27 – 65 – 98 – 100 – 100

Life span

According to our raw material supply specifications and the CSTB, our products have a structural life of 25 years (CE marking).

Source:

Rated temperature t_a = 25 °C
LED psu: > 50.000 h
LED module: > 200.000 h (L 80 B 50)
Ambient temperature max. t_a = 45 °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 8 years (6 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.
At each intervention on the luminaires, check the fastening of accessories and brackets.
Annual inspection: Check the condition of the access door(s), the base, and the anchoring rods. Unclog the water drainage holes and ensure there are no signs of oxidation on the metal parts.

Installation

Plate dimensions : □ 271 mm
Spacing dimensions : □ 200 mm
Fixation hole : 20 × 36 mm

Fixing with 4 Anchor rods HA20/M18 - 400 mm, supplied only on request.
Burried root version upon request.

Accessories

- Stainless steel base
- Hinged door or door with safety-cable
- Two doors
- Anti-theft screw
- Cable hole

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