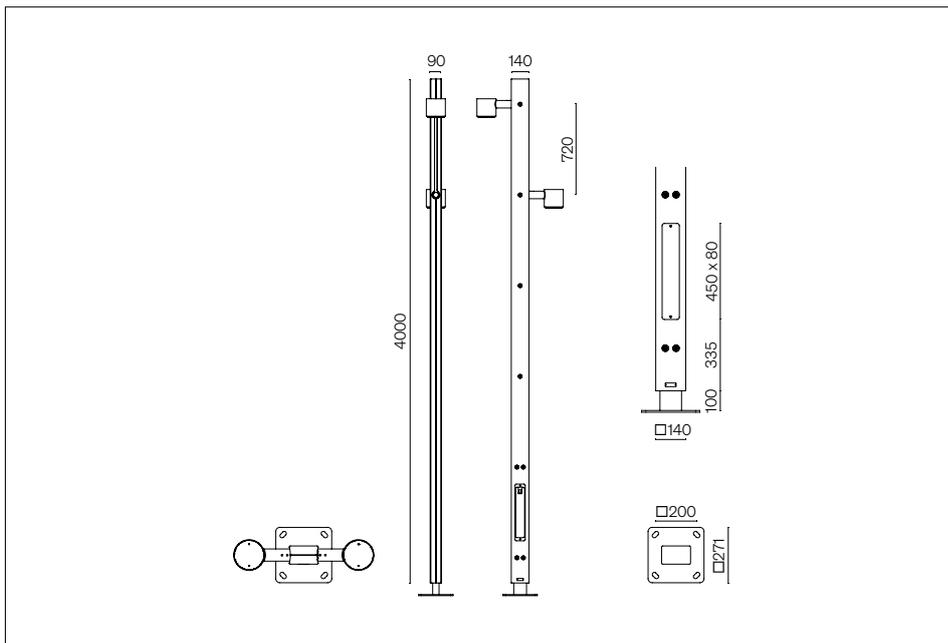


Olam

LOA0401

Light building element - 22.5 W



Technical description

Rectangular Light Building Element 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 4 m • 140 x 90 mm
Effective dimensions: 450 x 80 mm
Weight: 41 kg

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.
Protection class I □
Safety symbol CE Compliance mark
Degree of protection: IP 65
Mechanical impact resistance IK06

Lighting data

Connected power / Light source: 22.5 W
Ambient temperature: $t_{a,max} = 45\text{ °C}$
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 $t_a = 25\text{ °C}$
LED psu: > 50.000 h
LED module: > 200.000 h (L 80 B 50)
Ambient temperature max. $t_a = 45\text{ °C}$ (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.

Customization

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	