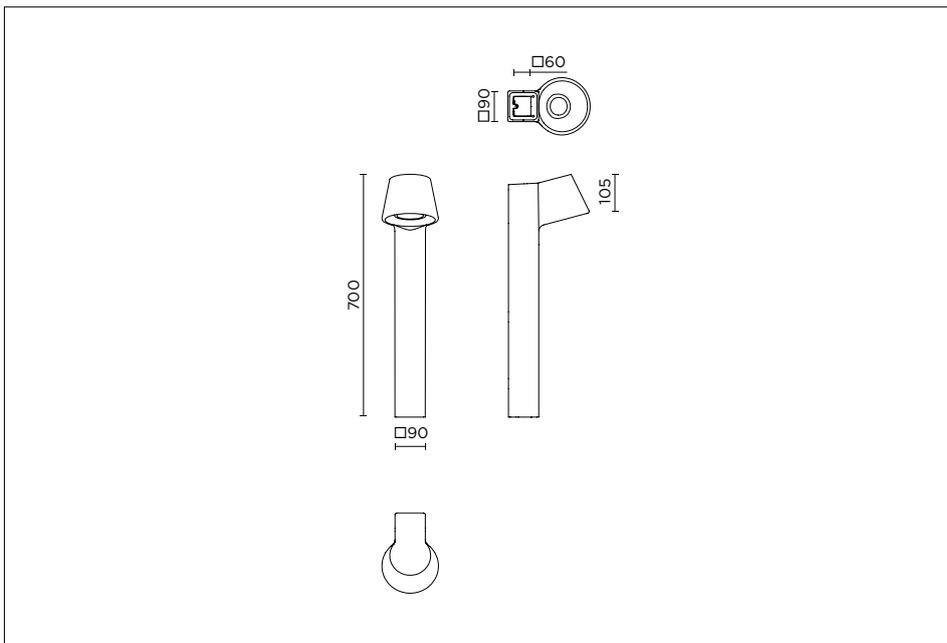
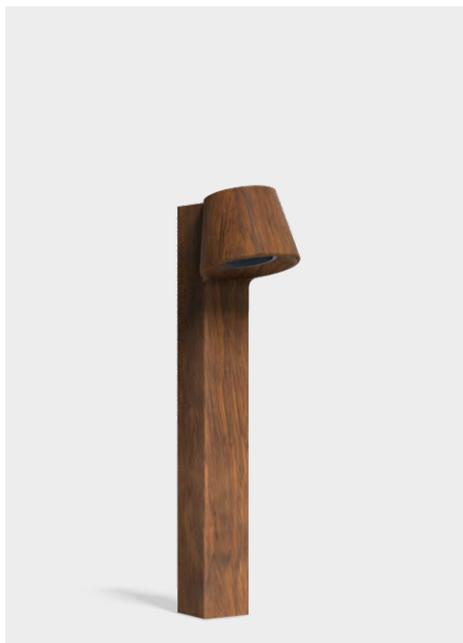


# Kay

## LKA2000

Low lighting bollard - 6 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 700 mm • □ 90 mm  
 Weight: 4 kg

High-performance optical system with recessed luminaire for asymmetrical-elliptical light distribution.  
 Luminaire made of cast aluminum and stainless steel. BEGA NeoGlass® polymer lens.  
 BEGA Thermal Control®  
 DALI control  
 Protection class II □  
 Safety symbol ☸ Compliance mark CE  
 Degree of protection: IP 65  
 Mechanical impact resistance TBC

### Lighting data

Connected power / Light source: 6 W  
 Ambient temperature:  $t_{a,max} = 50\text{ °C}$   
 Guaranteed availability of LED modules for 20 years.

### Luminous Flux Table

Code	Beam angle	Light output (lm)	Efficiency (lm/W)	CRI
3000 K code + .K3	470 lm	78,3 lm/W	CRI>80	
2700 K code + .K27	450 lm	75 lm/W	CRI>80	
2200 K code + .K22				

\*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:  
 96 - 100 - 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  $t_s = 25\text{ °C}$   
 LED psu: > 50.000 h  
 LED module: > 200.000 h (L 80 B 50)  
 Ambient temperature max.  $t_s = 45\text{ °C}$  (100 %)  
 LED psu: 50.000 h  
 LED module: 155.000 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.

### 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

Code	Color	Code	Color	Code	Color	Code	Color
W01L-B	Brume	W02L-B	Cooper	W05L-B	Ferrara Oak	W06L-B	Basalt
W08B	Origin	W10C	La Mer	W11C	Burnt Umber		

### NaturalLife® wood

Code	Color	Code	Color	Code	Color	Code	Color
R01L-B	Havana	R02L-B	Natural	R05L-B	Ash Grey	R06L-B	Charcoal

### Metal

Code	Color	Code	Color	Code	Color	Code	Color
M01	Graphit	M02	Silver	M03	RAL 7006	M05	Black 2100
M06	Black 2200	M50	Random rust	M52	Brown 2650		