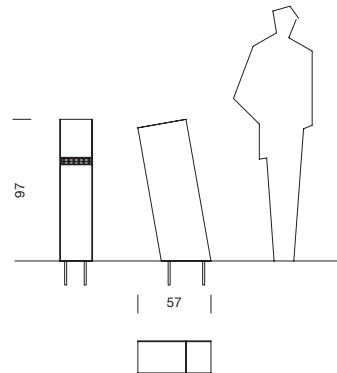


Área Light bollard

Claudi Aguiló, Xavier Nogués. 1998

urbidermis
SANTA & COLE



Sizes in cm



Materials:

Tetrahedron of Corten steel sheet and internal reflector on a polished AISI 304 stainless steel sheet, (also available in AISI 316 stainless steel). Polycarbonate translucent diffuser and stainless steel protection grid.

Finishes:



Corten

Mirror polished

*The colors shown are merely indicative and may differ from reality. (Other colors available to order)

**See special finishes for marine environments

Sizes (cm):

25 x 57 x 97

Weight (kg):

45

Installation:

Pavement fixation using a concrete cube, with groove for wiring, made on-site and four anchor bolts with antirust protection.

The element is delivered mounted.

Instructions, screws, template and anchor bolts are included.

(For further information log onto urbidermis.com)

Applicable standards: UNE-EN 60529, UNE-EN 60598, UNE-EN 55015, UNE-EN 61000, UNE-EN 50102, UNE-EN 62031.

Protections: IP55 (the entrance of dust and water allowed by the structure does not hinder the correct operation of the electronic components), IP66 (the electronic components are protected from dust ingress and high-pressure water jets), IK10 (protection against external mechanical impacts).

Electrical rating: Class I (CE)

Light source: High-efficiency optical unit with 3 LEDs.

Nominal lamp power (W):

3 LEDs: 35

System power (W):

3 LEDs: 38

Operating current (mA): 350

Colour temperature (K°): 3000 CRI min80

Power supply: constant current driver.

Regulation:

1-10V / DALI / Header flux regulation / Programmable automatic regulation.
 The LED luminaire may be regulated using a number of differing interfaces.
 These controls allow specific, individual control of light, reducing energy consumption in a sustainable manner.
 Constant light output (CLO)

Assures a constant lumen output from the luminaire throughout its lifetime.

Power factor (cos φ):

LED n°	Current (mA)	P (W) 100%,
3	350	≥ 0.9

Operating voltage: 220-240V 50-60Hz (CE)

Wire:

0,6/1 kV 3x2,5mm²
 0,6/1 kV 5x1,5mm² (prog.)

Temperature operating range Ta (°C): between -25 and 30 (350mA)

Lifetime: TM21 L70 (10k) > 60.000 h

Thanks to an optimised thermal design, the luminous flux is maintained up to 70% after 60.000 h.

Light distributions:

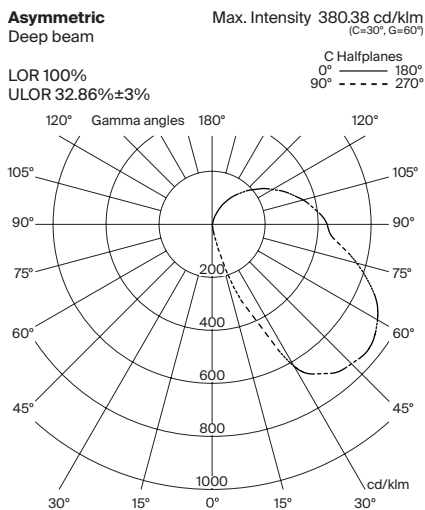
Asymmetric: Deep beam

Upper Light Output Ratio (FHS%): 0.60 - 0.88

Configurations

Deep beam

Reference	LED n°	T°color (K)	Current (mA)	Power lamp (W)	System power (W)	Luminous flux (lm)	Efficacy (lm/W)
ARB01LA	3	3000 CRI min 80	350	35	38		



*Recomendations: for calculation in ground type II (according to UNE-40) and wind speed of 29 m/s, with soil formed by loose or wet dirt or sand of medium compactness ($E_0 = 4800 \text{ KN/m}^2$), with HM-20 concrete. Non-binding information. We advise to carry out checks for each situation.