



**Data sheet**

# **PHOTOLUMINESCENT TRUNCATED BEACON**



It is a truncated cylinder with a highly durable 100% recycled/recyclable plastic body, from urban and/or industrial waste (simulation finish).

wood). Totally ecological and sustainable product, reduces light pollution, has a negative carbon footprint (-0 CO2 footprint). It has a photoluminescent encapsulated piece on the front. Possibility of different finishes of recycled plastic with vegetable fiber, such as: Rice straw, coffee, orange, cellulose, among others.

The function of this piece, once loaded, is to signal and/or mark areas without lighting or dimly lit, such as: gardens, tourist, archaeological and astronomical tourism routes; trails and greenways, rural car parks, bike lanes, paths for running; itineraries in natural parks and viewpoints, among others



MANUFACTURED IN  
VALENCIAN  
COMMUNITY



## PROPERTIES

- 100% recycled and 100% recyclable plastic provides long life and resistance to the effects of UV radiation.
- Minimum maintenance, non-splinterable product, nor oxidizable.
- Thermal and electrical insulation..
- Inert to environmental, chemical degradation or putrefaction
- Resistant, non-deformable, manageable, flexible and solid
- Ecological and non-polluting recycled plastic, it has a negative carbon footprint, (-0 Carbon footprint) not only is something new manufactured, but the existing waste is reused.
- Possibility of injecting the piece with rice straw, coffee, vegetable fiber among others.
- Luminescent devices are activated by sunlight or artificial light, also offering resistance to aging caused by the long-term action of UV rays.
- This device allows its visibility in dark conditions or in poorly lit areas.
- Once the photoluminescent piece is charged (10 min), the luminescence lasts 10 to 12 hours in dark conditions..
- Upon request, a screw can be inserted into the piece to increase its grip on the ground.

## DIMENSIONS OF THE TRUNCATED CYLINDER

Height: 65 mm

Diameter of the photoluminescent part: 67 mm

Cylinder front diameter : 87 mm

Width: 86 mm

Base: 125 mm

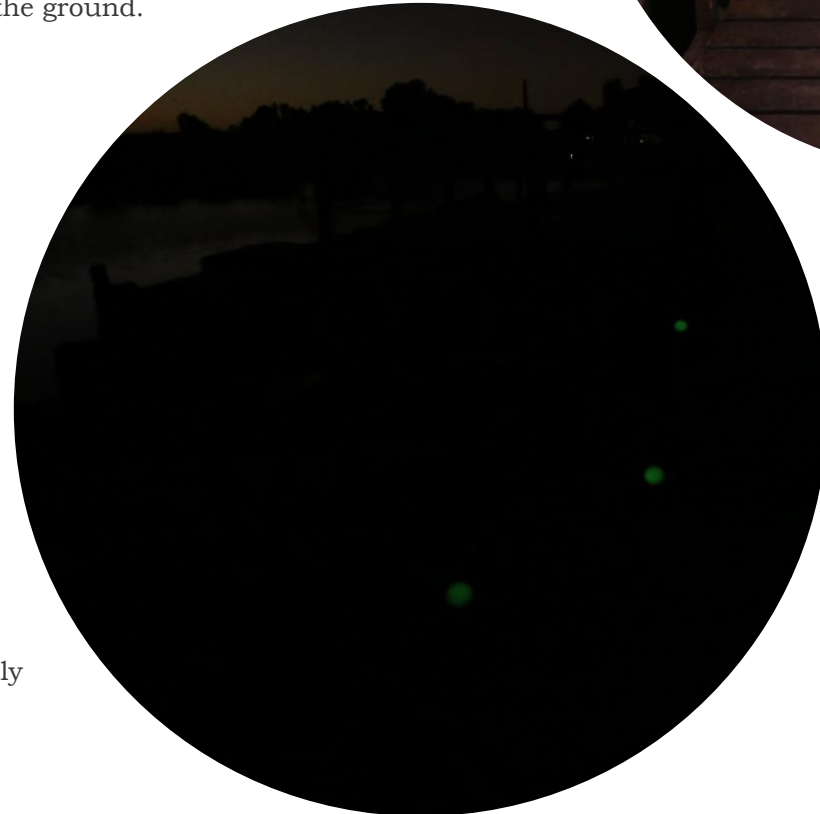
## MODE OF FIXATION

The photoluminescent truncated beacon is fixed to any pavement or horizontal surface, through the use of a fixing resin.

A distance between 2.5 and 5 meters between photoluminescent truncated beacons is recommended.

### Must take into account

In order for the effect of luminescence to be appreciated, no light has to fall directly on the piece.



Made in Spain



MAKING A BETTER WORLD

## TECHNICAL INFORMATION PHOTOLUMINESCENT PIECE

**Color glitter:** Green

**Operating temperature range:** -15°C / 50°C.

**Luminance after 10 minutes:** Greater than 1.300 mcd/m<sup>2</sup>

**Luminance after 60 minutes:** Greater than 190 mcd/m<sup>2</sup>

**Attenuation Time UNE 23035 (\*):** Greater than 26,600 minutes

(\*) Logarithmic extrapolation according to UNE 23035 until obtaining the time in which the luminance is 0.3 mcd/m<sup>2</sup>.

The technical data reflected is based on the technical knowledge obtained in external laboratories and by our technicians.

## TECHNICAL INFORMATION BASE OF PLASTIC 100% RECYCLED AND 100% RECYCLABLE

Color: Brown / Black / Terracotta / Green / Natural gray / Bench

Material 100% recycled and 100% recyclable.

Resistant, non-deformable, manageable, flexible and solid

Thermal and electrical insulation, waterproof

Low maintenance, non-splintering and non-rusting

Easy handling superior to that of wood

Inert to environmental, chemical degradation and putrefaction

Ecological and non-polluting, resistant to the action of animals or insects

Sterile, hygienic, easy to clean, anti-graffiti and anti-vandalism

Almost unlimited durability

Great versatility in its applications

Very realistic imitation of natural color

Very integrated with the environment







**HEAD OFFICE**

Travessia Street, 15B, building Innsomnia,  
46024, Valencia. Spain.  
Phone(+34) 656 71 69 84  
info@abadecom.com – www.abadecom.com

**Delegation Colombia**

Cra. 19 N°. 166-52, Bogotá, Colombia.

**Delegation North**

Pontevedra. Galicia. Spain

**Delegation Costa Rica**

100 Street, avenue 23B # 25  
Pavas, San José. Costa Rica

**Delegation Paraguay**

Chile Street, number 980,  
Catedral, Asunción, Paraguay.

**Delegation Panamá**

Avenue: Sixth North,  
Building 10, first floor,  
Doleguita; Chiriqui,  
Panama.

**Delegation Portugal**

Rua Prof. Henrique de Barros, 4,  
Prior Velho. Lisboa. Portugal