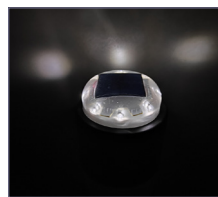




PFLEXHNLSBF



Flexible luminous bollard A-flex with a solar-powered LED on the top. A-flex bollards are made of polyurethane plastic and can withstand an impact and return to their original shape and position, exceeding 2000 cycles of flexion at 90° without any cracks or deformations, making them practically indestructible. They are installed by embedding them in the ground.

The bollard also features a solar-powered luminous beacon on the top that activates automatically at dusk, with perimeter LED light in white color. The model can be chosen to have either fixed or intermittent light.

STANDARD FINISHES:

Black + white fixed leds **PFLEXHNLSBF**

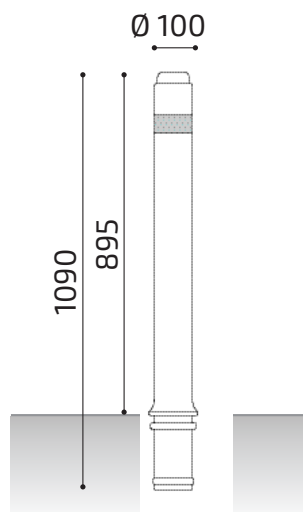
Black + white flash leds **PFLEXHNLSBI**

OPTIONAL:










- Double reflective strip.
- Other colors to consult.

MEASURES:

Diameter: \varnothing 100 mm.
View height: 885 mm.
Total height: 1090 mm.



A-FLEX BOLLARDS ADVANTAGES:

-  Virtually unbreakable.
-  100 % recyclable.
-  Not painted. No rust. Maintenance-free.
-  Memory bollard; in case of impact, it returns to its original shape and position.
-  High resistance to many solvents, oils and greases.
-  Excellent impact resistance and flexibility on a wide range of temperatures.
-  High resistance to abrasion.
-  Pleasant to touch.
-  Aesthetically identical to metal bollards.

A-FLEX BOLLARDS CERTIFICATES:

1. Certificate Appls IDIADA impact-proof bollard A-Flex head (HIC).

Applus⁺
IDIADA



Obtained result in test are less than <math><650</math>.

A-Flex is lees than 216 (slight rating).

2. Certificate Appls IDIADA impact-proof bollard A-Flex body (AIS).

Applus⁺
IDIADA



Obtained results show a level of accelaration of the body which relates with a possibility of suffering from a damage is AIS3 of <math><10\%</math>.

3. Certificate of overcoming a deflactation of 2000 cycles at 90°

Applus⁺
IDIADA



They were realized more than 2.000 cycles of flection without appearing any line in the surface of the bollard and coming back to its original position after suffering a strenght which had flexed in to the 90°.

4. Certificate impact-proof from a vehicle at more than 80 km/h.

Impact from a vehicle at more than 80 km/h against the A-Flex bollard without being damaged.



5. Certificate of Resistance to fire Clase E.

This classification was realized according to what explained in the Norm UNE-EN 13501-1:2007+A1:2010: "Classification of the behaviour facing fire for the products to be built of the elements for edification".



6. Certificate of compliance Reach.

A-Flex bollards manufactured with materials according to the strict normative REACH (U.E.) at european nivel, they are free from heavy, polluting materials and damaging substances.



7. Certificate CE.

A-Flex bollards meet the general Directive of products in the European Community according to the norm 2001/95/CE, R.D. 1803/2003.



* Certificates made on the A-Flex 100 bollard model to embed.

