



**A-flex flexible luminous bollard with solar LEDs** in the upper part, automatically activated at dusk, perimeter LED light in white. Possibility of fixed or flashing light depending on the model of your choice. Bollard with removable plastic base in black, specially designed base for our A-Flex flexible bollard with hinged top cover. By simply inserting a flexible bollard into the base, the bollard can be locked by means of a standard triangular key located on the side of the base to lock the lid once closed or to lock the bollard once inserted into the hole.

### STANDARD FINISHES:

Black + white fixed leds ..... **PFLEXHNLSBF**

Black + white flash leds ..... **PFLEXHNLSBI**

### OPTIONAL:

- Double reflective strip.
- Other colors to consult.

### 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.

### MEASURES:

Diameter:  $\varnothing$  100 mm.

View height: 895 mm.

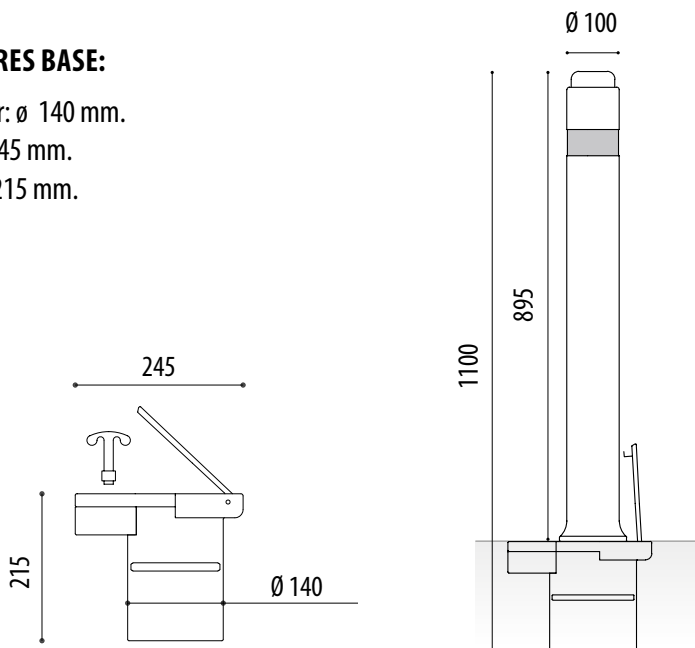
Total height: 1100mm.

### MEASURES BASE:

Diameter:  $\varnothing$  140 mm.

Width: 245 mm.

Height: 215 mm.



### A-FLEX BOLLARDS CERTIFICATES:

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



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).



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°



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.