



A-eco luminous semi-flexible bollard with low consumption 12v LEDs on the upper part, the A-ECO semi-flexible bollards are made of polypropylene plastic.

Semi-flexible bollard ideal for places that do not require embedment with a 160x160 mm bottom plate. In the event of an impact and its flexibility is not overcome, the bollard returns to its original position without any deformation. If these degrees are overcome, the bollard returns to its position with possible deformation in its appearance, they do not break like conventional plastic, iron or cast iron, thus making them a very economical and durable solution. Fixing by 4 metal studs (not included).

Bollard that offers great lighting on public roads with very low electrical cost.

STANDARD FINISHES:

Black + white leds **Ref. PECOHNPLB**

Black + red leds **Ref. PECOHNPLR**

OPTIONAL:

- Steel upper reinforcement plate stainless steel for a better fixation to the ground.

Ref. PLPFLEX

- Double reflective strip.

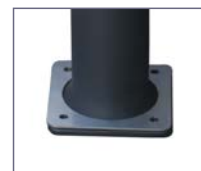
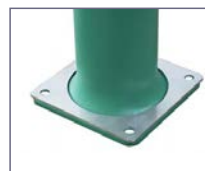
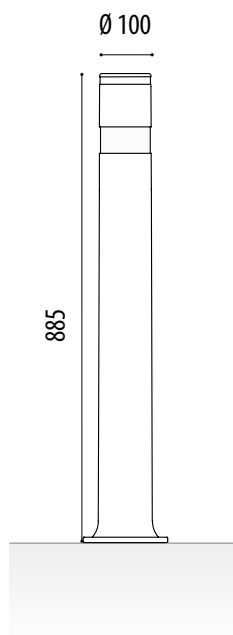
- Possibility of choosing different colors of RGB LEDs as well as patterns and operating sequences.



MEASURES:

Diameter: \varnothing 100 mm.

Total height: 885 mm.



Base detail with stainless steel reinforcement.
Ref. PLPFLEX

OPTIONAL:

- Screws for concrete:

Dowel \varnothing 11. - **Ref. T11L**









- Screws for asphalt / panot:

Dowel \varnothing 10. - **Ref. T10X135**



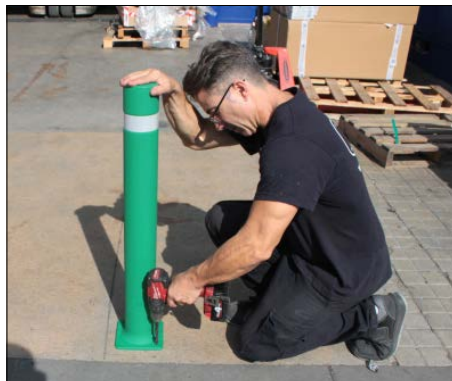


A-ECO BOLLARDS ADVANTAGES:

-  100 % recyclable.
-  Not painted. No rust. Maintenance-free.
-  Limited flexibility.
-  High resistance to many solvents, oils and greases.
-  High resistance to abrasio.
-  Pleasant to touch.
-  Aesthetically identical to metal bollards.



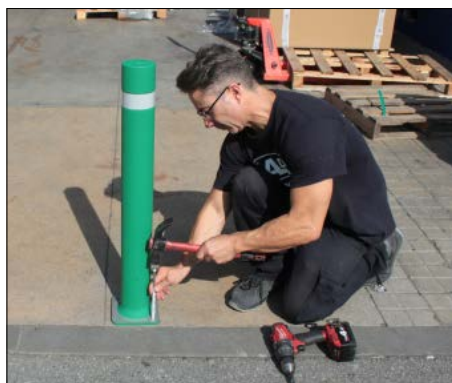
INSTALLATION EXAMPLE:



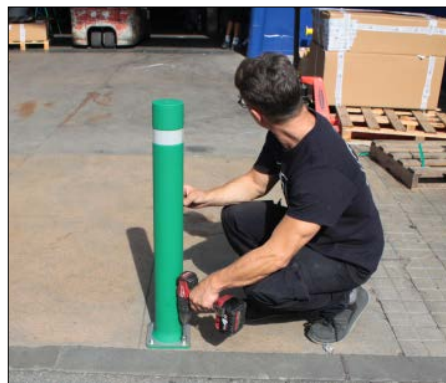
1.
Drill 4 holes in
soil.



2.
Fit the upper
reinforcement plate
REF.PLPFLEX.



3.
Fit the screw plug size
11.
Ref.T11L



4.
Fix the hardware
using a pipe wrench or
screwdriver.



● A-ECO BOLLARDS CERTIFICATES:

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

Obtained result in test are less than <650.

A-Eco is less than 380 (slight rating).

Applus[®]
IDIADA



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

Obtained results show a level of acceleration of the body which relates with a possibility of suffering from a damage is AIS3 of <10%.

Applus[®]
IDIADA



3. Certificate CE.

CE

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