



Features

- The top of the bollard features an ultra-bright LED lighting system, available in amber, white, or red, with conical optics for enhanced light dispersion and improved visibility in low-light or dark conditions.
- Two reflective rings on the bollard enhance visibility and add a sleek, aesthetic touch, while boosting its effectiveness as road signage.
- Constructed from steel, the bollard comes in a variety of colors—black, red, yellow, white, or green—enabling harmonious integration in diverse urban and rural settings.
- It features a tiltable system with a durable ABS base. The bollard can lean when impacted but immediately returns to its upright position, ensuring functionality and minimizing the risk of permanent damage.
- A built-in whistle activates on impact, serving as a powerful alert to nearby drivers. This powerful sound acts as an alarm, alerting drivers to potential danger or the need for caution.

Solar Power Systems

- Includes an 85 mm solar cell, lithium polymer battery, 8 ultra-bright LEDs with conical optics.
- A JVM electronic circuit that synchronizes LED flashing.
- The 120 dB SPL audible alarm, charged with 5 hours of direct sunlight, provides up to 12 hours of intermittent operation.

We have taken innovation to the next stage!

INTEGRATED MUSIC PLAYS FROM WITHIN

This bollard is an advanced road safety and pedestrian protection solution, designed for high visibility and durability. It features luminous technology, a powerful audible alarm, and an impact-recoverable structure, making it a highly effective prevention and alert device.

Audible signals are essential for road safety, especially in areas with limited visibility or during emergencies.

The main advantage of audible signals is their ability to alert people when visual signs are not visible or when auditory attention is more effective.

Bollards, installed in rows along sidewalks, block vehicles, motorcycles, and bicycles from pedestrian-only zones.

This is particularly important in dense pedestrian areas, such as city centers and commercial districts.

Strategically positioned bollards safeguard pedestrians, promote safer movement, and help prevent accidents.

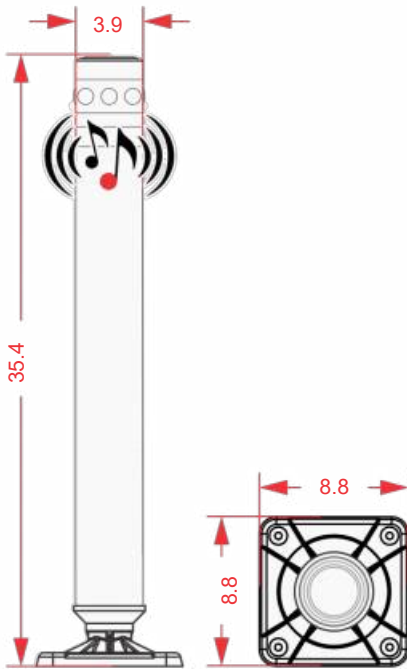
In addition to their protective function, bollards can complement urban design, integrating seamlessly with their surroundings and enhancing streetscape order and aesthetics.



Dimensions are nominal and
may vary by $\pm 2\%$

Dimensions are in **inches**

FOLDABLE BOLLARD



Dimensions

Foldable

Structure diameter:	4.0 in
Base:	8.8 x 8.8 in
Overall height:	35.4 in

Anchoring system

Position the bollard and
mark the drill points.

Drill 7 in deep holes
using a $\frac{3}{4}$ in concrete bit,
insert extra-large anchor
plugs, and install the
bollard.

Fasten with a $\frac{3}{8}$ in bolt
and flat washer,
tightening with a $\frac{9}{16}$ in
wrench.

Bollard installation is
finished.

