

2023

# CATALOG



**BOLLARDSUSA**

A DIVISION OF JR HOE



## About Us

At BollardsUSA, a division of J.R. Hoe, we supply 100% American-made architecturally designed bollards that are manufactured using recycled content.

BollardsUSA has emerged as an American-made option in a largely foreign-sourced market. Offering industry-leading customization in addition to a strong inventory of standard cast iron and stainless and powder-coated steel, our brand is trusted by municipal and corporate entities across the U.S. to supply high-quality decorative bollards.

## Our Roots

Our roots stretch back to 1909 when J.R. Hoe left his position as foreman of a Pittsburgh steel mill, traveled by train to Middlesboro, KY, and took over operations of a local foundry named Pioneer Iron Works.

J.R.'s five sons — each skilled in the metalworking trades — followed him to Kentucky and J.R. Hoe and Sons was born. After primarily serving the flourishing coal mining industry for several decades, J.R. Hoe has diversified over time into a broad range of industrial, infrastructure, and architectural products using its rare combination of iron casting, steel fabrication, and in-house machining capabilities.

## Our Focus

As a fifth-generation family-owned company, we have earned a reputation for our exceptional products and service. BollardsUSA's rapid production times and made-to-order capabilities assist our customers with their varied traffic, pedestrian, and city planning complexities.



# BOLLARDSUSA

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# THE BOLLARDSUSA DIFFERENCE

As one of the only U.S.-based manufacturers of decorative and protective bollards, BollardsUSA offers what others cannot:

- **American-made**

BollardsUSA products are 100% made in the USA from start to finish. Our series of bollards are fabricated using the highest-quality cast iron and recycled steel and produced under domestic manufacturing regulations.

- **Single-source advantage**

At BollardsUSA we have casting, fabrication, and machining capabilities all on-site at our foundry. This cuts out the middleman and allows our team to have full control of the production cycle.

- **Rapid turnaround**

With BollardsUSA products, shipping and lead times have stability inherent with domestic products. Manufactured and transported directly from our foundry in Middlesboro, Kentucky, we can offer faster delivery than other leading brands.

- **Design, color, and customization options**

If our stock options don't fit your project just right, BollardsUSA can help you design one from scratch. Many of our product lines offer customizability including logo stamping, color matching and a mount to satisfy any specification.

- **Full-circle customer service**

When you purchase BollardsUSA products, our team stays in contact with you from order placement through production until the bollards are in the ground.

- **Patented removable Twist and Lock™ design**

BollardsUSA Twist & Lock installation involves embedding a casting into new concrete which is engineered to accept the bollard design of your choice. Then, just like the name says, bollards are twisted to lock them into place. This unique design provides built in anti-theft protection.

- **Crash-Rated**

States and the federal government sometimes require crash ratings for bollards installed as part of streetscape projects. BollardsUSA has K4 crash-rated products that are designed and manufactured to meet strict criteria that guarantee protective performance.



## Products

We have multiple product lines and bollards solutions that meet both your project's functional and aesthetic criteria. From stock to fully customizable options, stationary or removable — find the right product for your project or design one from scratch so you can be sure that the fixtures you install look as great as they perform.

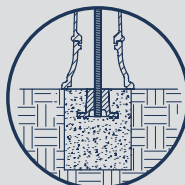


## Classic

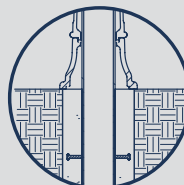
The ever-popular cast iron Classic bollard collection works well for both traditional and contemporary designed spaces, measuring 6" in diameter. Logo customization and removable installation options are available.

- Manufactured by J.R. Hoe in Middlesboro, Kentucky from ASTM A48 Class 30 Cast Iron.
- Powder-coated finish offered in 25 standard color options.
- Powder-coated chain and eyebolt attachment available.
- Typical applications: urban pedestrian delineation, municipal city centers, areas needing limited access, corporate office buildings, and more.

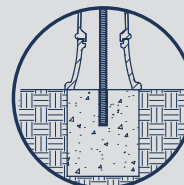
4 Bollard  
Installation  
Methods  
Available:



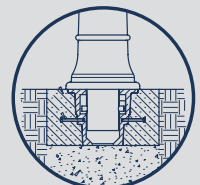
Iron Base  
Mount



Pipe  
Mount



Surface  
Mount



Removable  
Twist & Lock  
Mount



## 150-GS

Specification	Value
Top	Globe
OD (neck)	6"
OD (base)	10.5"
Height	35.5"
Sleeve weight	104.7 Lbs
Center	Plain
Base	Stepped



## 150-GSF

Specification	Value
Top	Globe
OD (neck)	6"
OD (base)	10.5"
Height	35.5"
Sleeve weight	111.2 Lbs
Center	Fluted
Base	Stepped



## 150-GT

Specification	Value
Top	Globe
OD (neck)	6"
OD (base)	10.5"
Height	35.5"
Sleeve weight	104.2 Lbs
Center	Plain
Base	Tapered



## 150-GTF

Specification	Value
Top	Globe
OD (neck)	6"
OD (base)	10.5"
Height	35.5"
Sleeve weight	110.4 Lbs
Center	Fluted
Base	Tapered



## 150-QS

Specification	Value
Top	Queen
OD (neck)	6"
OD (base)	10.5"
Height	35"
Sleeve weight	107 Lbs
Center	Plain
Base	Stepped



## 150-QSF

Specification	Value
Top	Queen
OD (neck)	6"
OD (base)	10.5"
Height	35"
Sleeve weight	114 Lbs
Center	Fluted
Base	Stepped



## 150-QT

Specification	Value
Top	Queen
OD (neck)	6"
OD (base)	10.5"
Height	35"
Sleeve weight	106.5 Lbs
Center	Plain
Base	Tapered



## 150-QTF

Specification	Value
Top	Queen
OD (neck)	6"
OD (base)	10.5"
Height	35"
Sleeve weight	113 Lbs
Center	Fluted
Base	Tapered



## 150-RS

Specification	Value
Top	Flat
OD (neck)	6"
OD (base)	10.5"
Height	31"
Sleeve weight	96 Lbs
Center	Plain
Base	Stepped



## 150-RSF

Specification	Value
Top	Flat
OD (neck)	6"
OD (base)	10.5"
Height	31"
Sleeve weight	104.5 Lbs
Center	Fluted
Base	Stepped



## 150-RT

Specification	Value
Top	Flat
OD (neck)	6"
OD (base)	10.5"
Height	31"
Sleeve weight	97 Lbs
Center	Plain
Base	Stepped



## 150-RTF

Specification	Value
Top	Flat
OD (neck)	6"
OD (base)	10.5"
Height	31"
Sleeve weight	103.5 Lbs
Center	Fluted
Base	Stepped



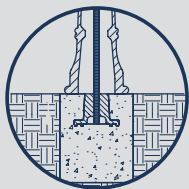
## Promenade

The cast iron Promenade bollards offer a small footprint with stylish aesthetics, perfect for a pedestrian-only area and measuring 4" in diameter. Logo customization and multiple fixed installation options are available.

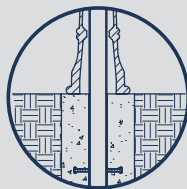
- Manufactured by J.R. Hoe in Middlesboro, Kentucky from ASTM A48 Class 30 Cast Iron.
- Powder-coated finish offered in 25 standard color options.
- Powder-coated chain and eyebolt attachment available.
- Typical applications: playgrounds, parks, outdoor retail, residential development, healthcare facilities, and more.

### 3 Bollard Installation Methods

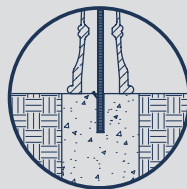
Available:



Iron Base Mount



Pipe Mount



Surface Mount



## 100-GS

Specification	Value
Top	Globe
OD (neck)	4"
OD (base)	8.5"
Height	30.5"
Sleeve weight	69.5 Lbs
Center	Plain
Base	Stepped



## 100-GSF

Specification	Value
Top	Globe
OD (neck)	4"
OD (base)	8.5"
Height	30.5"
Sleeve weight	69.5 Lbs
Center	Fluted
Base	Stepped



## 100-GT

Specification	Value
Top	Globe
OD (neck)	4"
OD (base)	8"
Height	30.5"
Sleeve weight	69.5 Lbs
Center	Plain
Base	Tapered



## 100-GTF

Specification	Value
Top	Globe
OD (neck)	4"
OD (base)	8"
Height	30.5"
Sleeve weight	69.5 Lbs
Center	Fluted
Base	Tapered



## 100-QS

Specification	Value
Top	Queen
OD (neck)	4"
OD (base)	8.5"
Height	30"
Sleeve weight	71.9 Lbs
Center	Plain
Base	Stepped



## 100-QSF

Specification	Value
Top	Queen
OD (neck)	4"
OD (base)	8.5"
Height	30"
Sleeve weight	71.9 Lbs
Center	Fluted
Base	Stepped



## 100-QT

Specification	Value
Top	Queen
OD (neck)	4"
OD (base)	8"
Height	30"
Sleeve weight	71.9 Lbs
Center	Plain
Base	Tapered



## 100-QTF

Specification	Value
Top	Queen
OD (neck)	4"
OD (base)	8"
Height	30"
Sleeve weight	71.9 Lbs
Center	Fluted
Base	Tapered



## 100-RS

Specification	Value
Top	Flat
OD (neck)	4"
OD (base)	8.5"
Height	28"
Sleeve weight	68.5 Lbs
Center	Plain
Base	Stepped



## 100-RSF

Specification	Value
Top	Flat
OD (neck)	4"
OD (base)	8.5"
Height	28"
Sleeve weight	68.5 Lbs
Center	Fluted
Base	Stepped



## 100-RT

Specification	Value
Top	Flat
OD (neck)	4"
OD (base)	8"
Height	28"
Sleeve weight	68.5 Lbs
Center	Plain
Base	Tapered



## 100-RTF

Specification	Value
Top	Flat
OD (neck)	4"
OD (base)	8"
Height	28"
Sleeve weight	68.5 Lbs
Center	Fluted
Base	Tapered

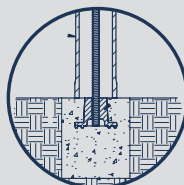


## Broadway

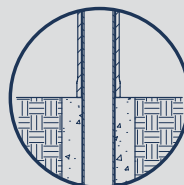
Sleek and slender, the cast iron Broadway bollards offer a striking complement to a wide range of landscape designs, measuring 6" in diameter. Logo customization and removable installation options are available.

- Manufactured by J.R. Hoe in Middlesboro, Kentucky from ASTM A48 Class 30 Cast Iron.
- Powder-coated finish offered in 25 standard color options.
- Powder-coated chain and eyebolt attachment available.
- Typical applications: fulfillment/distribution centers, areas needing limited access, municipal city centers, and more.

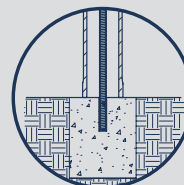
4 Bollard  
Installation  
Methods  
Available:



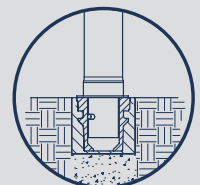
Iron Base  
Mount



Pipe  
Mount



Surface  
Mount



Removable  
Twist & Lock  
Mount



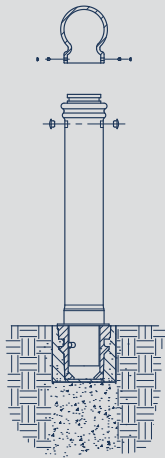
## 160-GP

Specification	Value
Top	Globe
OD (neck)	6"
OD (base)	6"
Height	41.5"
Sleeve weight	101 Lbs
Center	Plain
Base	Stepped



## 160-GPF

Specification	Value
Top	Globe
OD (neck)	6"
OD (base)	6"
Height	41.5"
Sleeve weight	104 Lbs
Center	Fluted
Base	Stepped



## Bollard Installation

Correct installation of bollards is one of the most important aspects of any streetscape or landscape project where these fixtures are included.

Understanding installation matters because the time, complexity and cost associated with it can vary significantly depending on the product type you've chosen and whether it must serve protective as well as aesthetic purposes.

Visit [bollardsusa.com/what-to-know-bollard-installation](https://bollardsusa.com/what-to-know-bollard-installation) or scan this QR code for more information on the installation of your bollards.



## 160-RP

Specification	Value
Top	Flat
OD (neck)	6"
OD (base)	6"
Height	37"
Sleeve weight	94 Lbs
Center	Plain
Base	Stepped



## 160-RPF

Specification	Value
Top	Flat
OD (neck)	6"
OD (base)	6"
Height	37"
Sleeve weight	97 Lbs
Center	Fluted
Base	Stepped



# Guardian

The engineer-certified, crash-rated Guardian bollard provides an option for an extremely protective bollard foundation system completed with a cast iron decorative cover. Measuring 10" in diameter with logo customization and multiple K4/M30 foundation options are available.

- Manufactured by J.R. Hoe in Middlesboro, Kentucky.
- Custom logo or emblem may be cast into top surface of bollard.
- Multiple K4/M30-rated foundation mounting options available, including:
  - K4/M30-rated fixed shallow mount
  - K4/M30-rated fixed deep mount
  - K4/M30-rated removable deep mount
  - Powder-coated finish offered in 25 standard color options.
  - Powder-coated chain and eyebolt attachment available.
- Typical applications: high pedestrian or building protection, government buildings, high-speed traffic areas, sidewalk-to-road parameter protection, high-security requirement areas, and more.

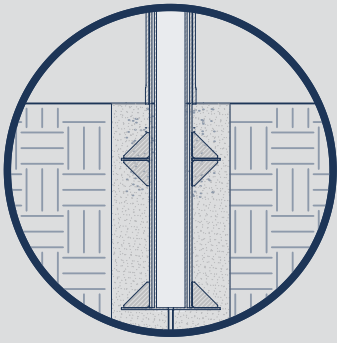


## 800-HD

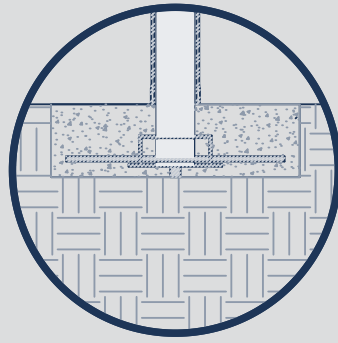
Specification	Value
Top	Flat
OD (neck)	10.25"
OD (base)	10.25"
Height	42.25"
Sleeve weight	204 Lbs
Material	A536 grade 65-45-12 Ductile Iron
Center	Fluted
Base	Stepped



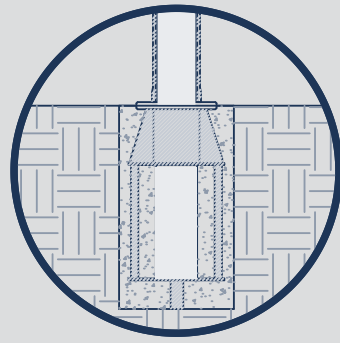
### 3 Bollard Installation Methods Available:



Deep Mount Bollard



Shallow Mount Bollard



Removable Bollard

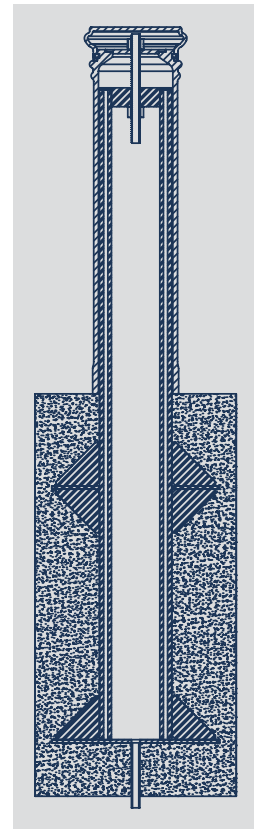
## K4/M30 Crash Rating

### Protect and Prevent

In high-risk areas, protect your citizens and facilities with our state-of-the-art, American manufactured crash-rated bollard systems. Have the assurance of knowing that the equipment you are installing has been engineer certified with withstand K4-rated impact.

Crash-rated bollards are for high-security installations where high-threat factors exist. In urban settings, pedestrian areas are often situated in close proximity to heavy and congested traffic areas. Protecting these valued outdoor spaces is highly important when preserving pedestrian safety and security.

K-ratings are issued by the Department of Defense and the Department of State and are based on how far a 15,000lb. vehicle travels past a barrier at a given speed. A K4-rated bollard is engineer certified for a 15,000lb. moving at 30 miles per hour. We offer K4-rated bollards in three different mounting options – shallow, deep, and removable deep. The ASTM standards note that crash-rated bollards should be spaced such that there are no more than 48 inches between the inside edges of neighboring bollards.



Looking for guidance on specifying the right decorative or protective bollards for your next streetscape project? **Talk with one of our experts.**

[bollardsusa.com](http://bollardsusa.com)

1-502-554-1178

[Info@bollardsusa.com](mailto:Info@bollardsusa.com)



# Momentum

The Momentum bicycle bollards offer a small footprint with optional custom lettering, an opportunity for a one-of-a-kind bicycle parking option. Measuring 3 ½" in pipe diameter with 24" cast iron arm diameter.

- Manufactured by J.R. Hoe in Middlesboro, Kentucky.
- Powder-coated finish offered in 25 standard color options.
- Customized length/above-grade height available upon request.
- Typical applications: parks, city and municipality centers, entertainment venues, university campuses, corporate campuses, and more.

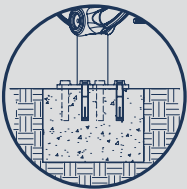


## 225-HP

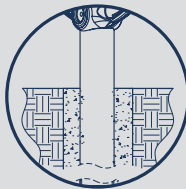
Specification	Value
OD (neck)	3.5"
OD (base)	24"
Height	42"
Sleeve weight	65.9 Lbs
Material	A36 Mild Steel & ASTM A48 Class 30 Cast Iron

2 Bollard  
Installation  
Methods

Available:



Bolt Base Mount



Ground Mount



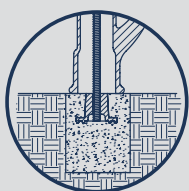
## Velocity

The cast iron Velocity bicycle bollards make a beautiful design statement while providing functional bicycle parking. Measuring 6" in diameter with the option of one or two bicycle parking arms. Logo customization is available.

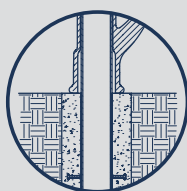
- Manufactured by J.R. Hoe in Middlesboro, Kentucky from ASTM A48 Class 30 Cast Iron.
- Pipe, iron base and surface fixed mounting options available.
- Powder-coated finish offered in 25 standard color options.
- Powder-coated chain and eyebolt attachment available.
- Typical applications: parks, city and municipality centers, and more.

3 Bollard  
Installation  
Methods

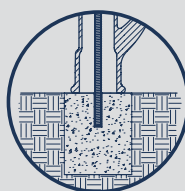
Available:



Iron Base Mount



Pipe Mount



Surface Mount



## 160-GB1

Specification	Value
Top	Globe
OD (neck)	6"
OD (base)	6"
Height	41.5"
Sleeve weight	140 Lbs
Center	One-arm
Base	Stepped



## 160-GB2

Specification	Value
Top	Globe
OD (neck)	6"
OD (base)	6"
Height	41.5"
Sleeve weight	140 Lbs
Center	Two-arm
Base	Stepped

**Bollards can make shared spaces safer for everyone. But enhancing safety is rarely the only objective of a streetscape or hardscape construction project. Owners and specifiers must also contend with other requirements that influence their decisions from several directions at once. Consider:**

- Maintaining or creating visual appeal is usually a part of a project's scope in addition to any safety improvements.
- Differing products have differing installation requirements that owners and specifiers should be aware of in advance if they want to avoid costly design changes or timeline overruns later.
- Knowing when a removable bollard vs. a permanent bollard is ideal requires a bird's-eye view of all aspects of a project, including its surroundings, intended uses and access requirements.



## 160-RB1

Specification	Value
Top	Flat
OD (neck)	6"
OD (base)	6"
Height	37"
Sleeve weight	132 Lbs
Center	One-arm
Base	Stepped



## 160-RB2

Specification	Value
Top	Flat
OD (neck)	6"
OD (base)	6"
Height	37"
Sleeve weight	133.7 Lbs
Center	Two-arm
Base	Stepped



## Township

The Township bollard is fit with a square, powder-coated steel base and cast iron top, providing a sleek, light-weight and unique design for any project. Logo customization and multiple installation options are available.

- Manufactured by J.R. Hoe in Middlesboro, Kentucky.
- Powder-coated finish offered in 25 standard color options.
- Custom logo or emblem may be cast into the top surface of bollard.
- Typical applications: areas in need of flex parking, parks, city and municipality centers, school and university campuses, and more.

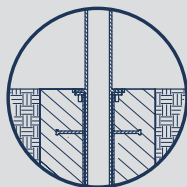


### 200-TP

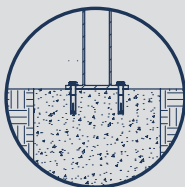
Specification	Value
OD (neck)	4"
OD (base)	5.75"
Height	37"
Sleeve weight	69.9 Lbs
Material	A36 Mild Steel & ASTM A48 Class 30 Cast Iron

4 Bollard  
Installation  
Methods

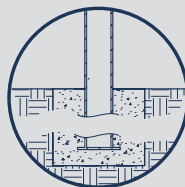
Available:



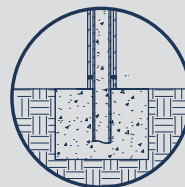
Removable Mount



Bolt Mount



Ground Mount



Pipe Mount



# Sentry

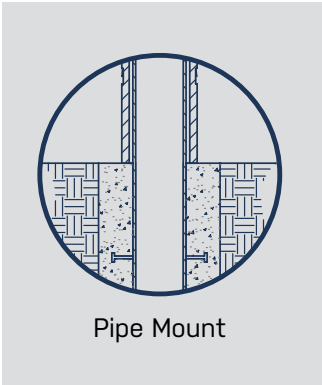
The cast iron Sentry bollard offers a unique, high-concept architectural design and installation method. Measuring 6" in diameter with a distinctive recessed grid design.

- Manufactured by J.R. Hoe in Middlesboro, Kentucky.
- Pipe-fixed mounting option with socket screw pin cap available.
- Powder-coated finish offered in 25 standard color options.
- Typical applications: residential and retail development, urban development, municipality centers, entertainment districts, and more.



## 500-HD

Specification	Value
Top	Dome
OD (neck)	6.5"
OD (base)	6.5"
Height	28"
Sleeve weight	121.5 Lbs
Material	A36 Mild Steel & ASTM A48 Class 30 Cast Iron





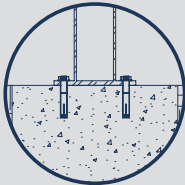
# Derby

The Derby bollard collection is made of high-quality stainless steel, a material that is both extremely durable in the elements and a beautiful finish option for contemporary designs. A multitude of options variable by length, height, installation method, and top style are available.

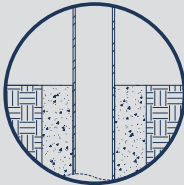
- Manufactured by J.R. Hoe in Middlesboro, Kentucky from Type 316 Stainless Steel.
- In-ground, pipe sleeve or bolt-down fixed mounting options available.
- Customized length/above-grade height available on request.
- Typical applications: entertainment and sports venues, school campuses, fulfillment/distribution centers, retail storefronts, and more.

Item Number	Top	OD	Height	Sleeve Weight
300-SD	Dome	4"	36"-72"	35.2 Lbs
300-SF	Flat	4"	36"-72"	35.4 Lbs
350-SD	Dome	6"	36"-72"	61.7 Lbs
350-SF	Flat	6"	36"-72"	61.2 Lbs
380-SD	Dome	8"	36"-72"	100 Lbs
380-SF	Flat	8"	36"-72"	91.5 Lbs

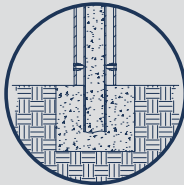
3 Bollard  
Installation  
Methods  
Available:



Bolt Mount



Ground Mount



Pipe Mount



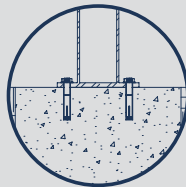
# Bastion

The Bastion bollard collection is made of beautifully finished coated steel, creating a clean, versatile aesthetic suitable for a multitude of outdoor environments. A multitude of options variable by length, height, installation method, and top style are available.

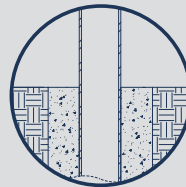
- Manufactured by J.R. Hoe in Middlesboro, Kentucky from A36 Mild Steel.
- In-ground, pipe sleeve or bolt-down fixed mounting options available.
- Powder-coated finish offered in 25 standard color options.
- Customized length/above-grade height available on request.
- Typical applications: entertainment and sports venues, school campuses, fulfillment/distribution centers, retail storefronts, residential development, and more.

Item Number	Top	OD	Height	Sleeve Weight
310-SD	Dome	4"	36"-72"	34-40 Lbs
310-SF	Flat	4"	36"-72"	34-41 Lbs
360-SD	Dome	6"	36"-72"	60-71 Lbs
360-SF	Flat	6"	36"-72"	58-69 Lbs
390-SD	Dome	8"	36"-72"	92-106 Lbs
390-SF	Flat	8"	36"-72"	88-102 Lbs

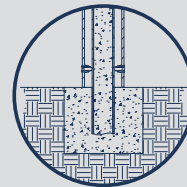
3 Bollard  
Installation  
Methods  
Available:



Bolt Mount



Ground Mount



Pipe Mount





Looking for guidance on specifying the right decorative or protective bollards for your next streetscape project? **Talk with one of our experts.**

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