

# Bollards M30/M50

## Fixed perimeter security with pedestrian access

Permit free movement of pedestrian traffic, while protecting from accidental and malicious threats.



## Features:



### Choice:

Architects and designers have options, including a variety of finishes, lighting designs, and foundations.



### Clearance:

Shallow mount bollards when working around buried utilities, deep mount bollards for the smallest footprint.



### Freedom:

Removable bollards allow occasional vehicle traffic without sacrificing security.



### Security:

Fixed bollards protect buildings and equipment while adding to the overall aesthetic of the facility.



### Made in USA:

Designed, tested and built within USA from globally sourced materials.



# Bollards M30/M50

**Fixed perimeter security with pedestrian access**



## Technical Specifications

Model	Bollard M30D-F	Bollard M30D-R	Bollard M30S-F	Bollard M30S-R	Bollard M30S-L	Bollard M50D-F	Bollard M50D-R	Bollard M50S-F	Bollard M50S-R	Bollard M50S-L
Crash Certified	Engineered*			M30 P2	Engineered*	M50 P1		M50 P2	Engineered*	
Finish	Bollard: Hot dip galvanized, Zinc Rich Primer or Powder coat									
Lighted			Unlighted		Lighted	Unlighted				Lighted
Above Grade	36 inch				45-5/8 inch	39 inch		36 inch		45-5/8 inch (FLAT CAP)
Foundation	36 inch		12 inch			44 inch		12 inch		
Warranty	1 year									

\* Engineered - No crash testing performed; speed rating assigned per technical specifications; penetration rating undetermined

## Bollard cap choices:



Dome cap



Flat cap



Knight cap

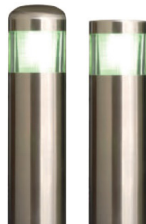
## Lighted bollard choices:



Slotted



360°



Panorama

## Options

### Finish options

Hot dip galvanized  
Powder coat  
Zinc rich primer

### Light options

Glass refractor globe (dome cap)  
Stacked louver globe (flat cap)  
Cool colored LED (5000K)  
Warm colored LED (3000K)

### Stainless steel cover options

304 or 316 stainless  
Flat cap  
Surface mount

Domed cap  
Knight cap

### Lighted bollard cover options

304 or 316 stainless  
Flat cap  
Surface mount  
Domed cap  
Slotted light opening  
Clear or opal lens  
360° light opening

