BULLARD
BOLLARDS
Think Bollard Think Bullard



MR. FLAT

K12
RATING

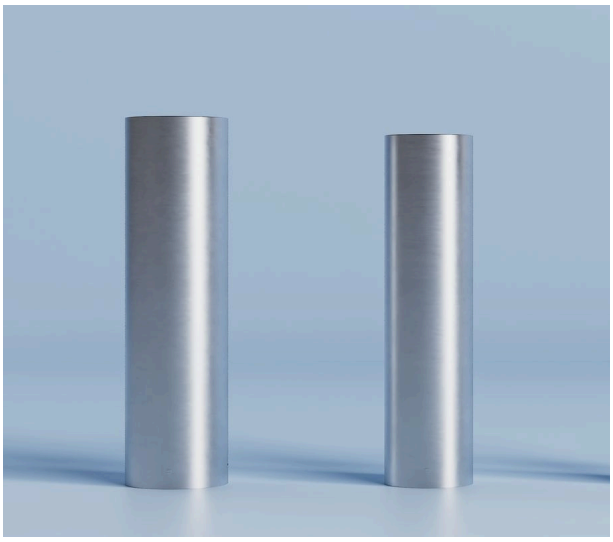
NON-ILLUMINATED **SECURITY & SAFETY BOLLARDS**

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CODE: BB-MRFT-SB-K12

Fixture Type:

Project Name:



General Information:

Defined by its clean geometry, MR. FLAT delivers reliable protection while supporting safer, more controlled environments. Its flat top design reinforces a clear visual boundary, helping guide movement and reduce risk in high-traffic areas.

Available in multiple security ratings, it adapts to varying levels of protection while maintaining durability and design consistency across the site.

Applications: commercial perimeters, industrial zones, secure facilities

Fixture Type:

Non-Illuminated Security & Safety Bollard

Bollard Cover Materials:

Stainless Steel
Aluminum

Finishes:

White
Green
Corten
Grey
Black
Stainless Steel
Custom on request

IP Rating:

IP 65

Due to the dynamic nature of lighting products and the associated technologies, luminaire data on all specification sheets is subject to change at the discretion of Gordon Bullard LLC and associated companies.

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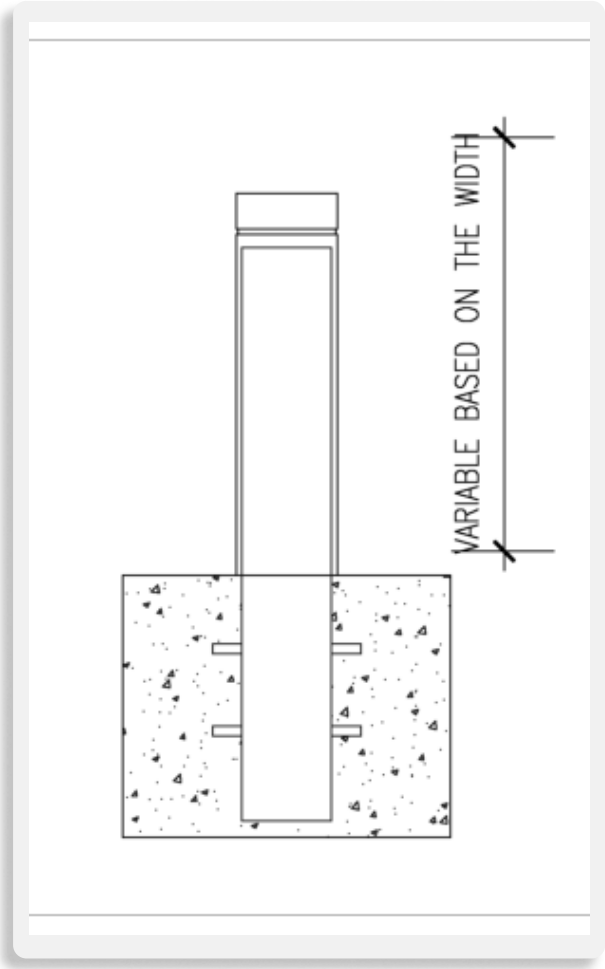
Updated 04/20/2026

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CODE:
BB-MRFT-SB-K12

Fixture Type:

Project Name:



IP65 | K12 RATING | DEEP FOUNDATION | MADE IN U S A

HOW TO ORDER: CODE:

CODE EXAMPLE:
BB-MRFT-SB-K12-H5-01-11

BB-MRFT-SB-K12-H5-01-11

1 BOLLARD DIAMETER:

Diameter - Ø: 12” (30.4 cm)

2 BOLLARD HEIGHT:

-H1	H: 40” (101.6 cm)
-H2	H: 42” (106.6 cm)
-H3	H: 43.5” (110.4 cm)
-H4	H: 44.5” (113 cm)
-H5	H: 46” (116.8 cm)
-H6	H: 47.5” (120.6 cm)
-H7	H: 48” (121.9 cm)
-H8	H: 49” (124.4 cm)
-H9	H: 51” (129.5 cm)
-H10	H: 54” (137.1 cm)
-H11	H: 56” (142.2 cm)
-H12	H: 57” (144.7 cm)
-H13	H: 59” (149.8 cm)
-H14	H: 62” (157.4 cm)
-CUS	Custom Height

3 BOLLARD COVER MATERIALS:

-01	Stainless Steel
-02	Aluminum

4 FINISH OPTIONS:

-392	White
-393	Green
-394	Corten
-395	Grey
-396	Black
-11	Stainless Steel
-CUS	Custom on request*

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CODE: BB-MRFT-SB-K12

DOS K-RATING EXPLAINED

DOS K-ratings are a legacy U.S. Department of State crash-testing classification system used to define the performance of security barriers (such as bollards) against vehicle impact. The rating is based on a standardized test involving a 15,000 lb vehicle impacting at defined speeds—K4 (30 mph), K8 (40 mph), and K12 (50 km/h ≈ 50 mph)—with performance measured by how effectively the barrier stops the vehicle and limits penetration beyond the barrier line.

DOS K12

- **Vehicle weight: 15,000 lbs**
- **Impact speed: (50 mph)**
- **Vehicle type: medium-duty truck**
- **Penetration: 1 meter or less (L3)**
- **Test standard: U.S. Department of State (DOS) crash test protocol**

FOUNDATION OPTIONS EXPLAINED

Understanding foundation type and depth is critical to ensure the bollard performs as designed under impact. Improper installation can significantly reduce crash-rating effectiveness and compromise site safety.

Deep Foundation

- **Excavation: 47.25 in (1200 mm) depth**
- **Reinforcement: Rebar cage (#5 / #8)**
- **Installation: Bollard embedded and fully encased in concrete**
- **Function: Transfers impact load into deep concrete mass**

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