BULLARD
BOLLARDS
Think Bollard Think Bullard



MR. FLAT DS

M50
RATING

NON-ILLUMINATED **SECURITY & SAFETY BOLLARDS**

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CODE: BB-MRFLTDS-SB-M50

Fixture Type:

Project Name:



General Information:

With a more articulated profile, MR. FLAT DS enhances safety by strengthening visual cues within a space—helping guide movement and reinforce protected zones. Its flat top and dual reveal detailing maintain a clean, architectural presence.

Designed for certified impact performance, it offers flexible security ratings and finish options to meet diverse project needs.

Applications: high-traffic areas, commercial perimeters, industrial facilities

Fixture Type:

Non-Illuminated Security & Safety Bollard

Bollard Cover Materials:

Stainless Steel
Aluminum
Carbon Steel

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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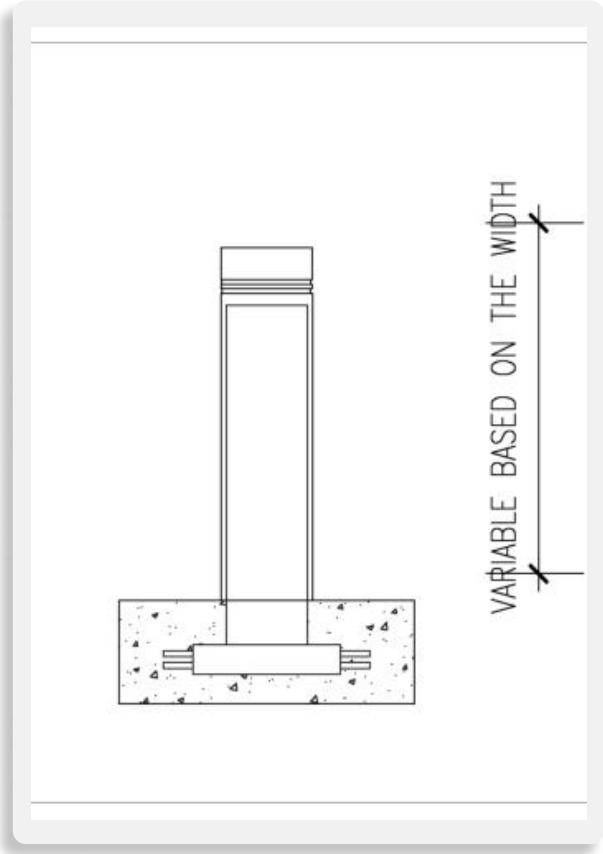
Updated 04/20/2026

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CODE:
BB-MRFLTDS-SB-M50

Fixture Type:

Project Name:



IP65 | M50 RATING | SHALLOW FOUNDATION | MADE IN USA

HOW TO ORDER: CODE:

CODE EXAMPLE:
BB-MRFLTDS-SB-M50-H4-01-11

BB-MRFLTDS-SB-M50-H4-01-11

1 BOLLARD DIAMETER:

Diameter - Ø: 12” (30.48 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,
-03	Carbon Steel

4 FINISH OPTIONS:

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

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ASTM CRASH RATINGS EXPLAINED

ASTM crash ratings (ASTM F2656) are a U.S. standard used to classify the performance of vehicle security bollards based on their ability to stop specific types of vehicles under controlled impact conditions, including small passenger cars (SC), pickup trucks (PU), and medium-duty trucks (M), each tested at defined impact speeds and performance levels.

THE RATING CATEGORIES BREAK DOWN AS FOLLOWS:

SC  (SC) Small Passenger Car

- Vehicle weight: 2,430 lbs
- Speed ratings: SC40 (40 mph), SC50 (50 mph), SC60 (60 mph)
- Use case: Low-mass vehicle threats; urban or light-security environments

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PU  (PU) Pickup Truck

- Vehicle weight: 5,070 lbs
- Speed ratings: PU40 (40 mph), PU50 (50 mph), PU60 (60 mph)
- Use case: Mid-range threats; commercial zones, parking perimeters

M  (M) Medium-Duty Truck

- **Vehicle weight: 15,000 lbs**
- **Speed ratings: M30 (30 mph), M40 (40 mph), M50 (50 mph)**
- **Use case: Elevated risk scenarios; logistics hubs, public infrastructure**

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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.

Shallow Foundation

- **Excavation: 15 in (381 mm) depth**
- **Reinforcement: Rebar cage (#5 / #8)**
- **Installation: Bollard anchored to reinforced slab system**
- **Function: Distributes impact load across surface (horizontal spread)**

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