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BOLLARDS
Think Bollard Think Bullard



THE PHANTOM

M50
RATING

ILLUMINATED **SECURITY & SAFETY BOLLARDS**

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CODE: BB-PHNTM-M50

Fixture Type:

Project Name:



General Information:

The Phantom is a modern Illuminated Security Bollard designed to bring sleek architectural lighting to outdoor spaces.
Crafted from brushed stainless steel with an IP65 rating, it delivers both durability and contemporary elegance.
Its distinctive angled top and soft arc LED neon glow create a sophisticated visual effect while providing functional pathway illumination.
Built for high visual comfort and all-weather performance,
The Phantom is ideal for luxury residential and commercial landscapes.

Fixture Type:

Illuminated Security & Safety Bollard

Lighting:

LED

Voltage:

110-277V

Material:

Stainless Steel

Top Angle:

30°

Driver Position:

Integral

IP Rating:

IP 65

Appliance Class:

I

Lighting Distribution:

360°

Warranty:

LED lighting products are warranted for 5 years.

Main Features:

High visual comfort
Functional and minimalistic design
Shock-resistant construction
Operating Temperature: -104°F to +140°F.

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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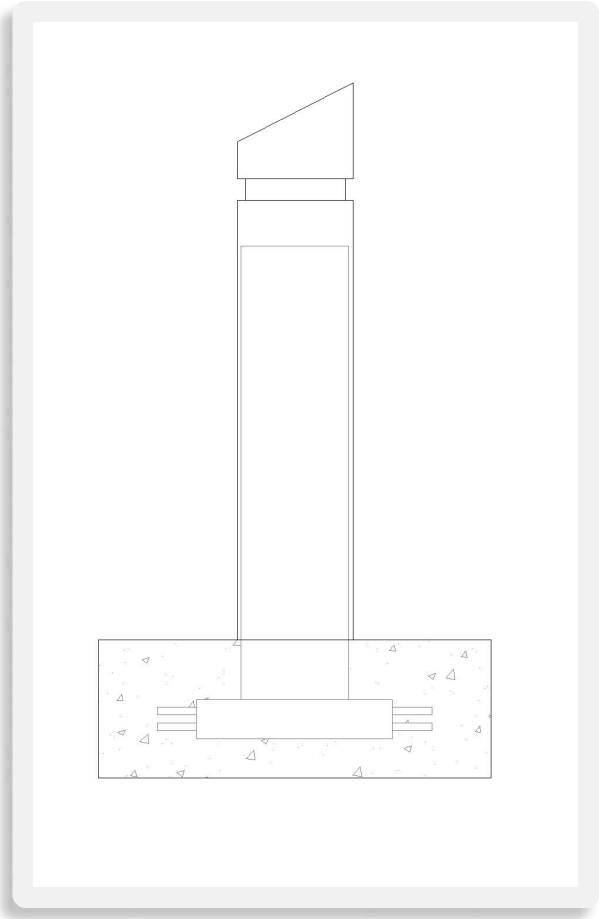
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CODE: BB-PHNTM-M50

Fixture Type:

Project Name:



LED | 110-277V | IP65 | M50 RATING | DEEP FOUNDATION | STANDARD

HOW TO ORDER: CODE:

CODE EXAMPLE:
BB-PHNTM-M50-H1-LSB6-K22-316-DIM

BB-PHNTM-M50-H1-LSB6-K22-316-DIM

1 BOLLARD DIAMETER:

Diameter - Ø: 12.2” (31 cm)

2 BOLLARD HEIGHT:

-H1	H: 42” (106.6 cm)
-H2	H: 43” (109.2 cm)
-H3	H: 44” (111.7 cm)
-H4	H: 45” (114.3 cm)
-H5	H: 46” (116.8 cm)
-H6	H: 47” (119.3 cm)
-CUS	Custom Height

3 LIGHT SOURCE OUTPUT BOLLARD:

-LSB6	6 W / 396 lm
-LSB9	9 W / 580 lm
-LSB10	10 W / 590 lm
-LSB15	15 W / 880 lm
-LSB20	20 W / 1280 lm
-LSBC	Custom Lumen packages on request*

4 CCT:

-K22	2200K
-K30	3000K
-K35	3500K
-K40	4000K
-K50	5000K

5 FINISH OPTIONS:

-316	Stainless Steel Brushed Finish
-CUS	Custom on request*

6 DIMMING OPTIONS:

-NON	NON-Dimmable
-DIM	0-10V

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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 barriers based on their ability to stop a 15,000 lb (6,800 kg) truck at defined impact speeds. The rating combines impact speed—M30 (30 mph), M40 (40 mph), or M50 (50 mph)—with a penetration level (P1, P2, P3), indicating how far the vehicle travels past the barrier after impact, providing a clear benchmark for selecting appropriate protection against specific vehicle-borne threats.

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.



Deep Foundation

- **Excavation: 30" (762 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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