BULLARD
BOLLARDS
Think Bollard Think Bullard



THE PHANTOM

K12
RATING

ILLUMINATED **SECURITY & SAFETY BOLLARDS**

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CODE: BB-PHNTM-K12

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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sales@gordonbullard.com / www.bullardbollards.com / 1-877-964-4646

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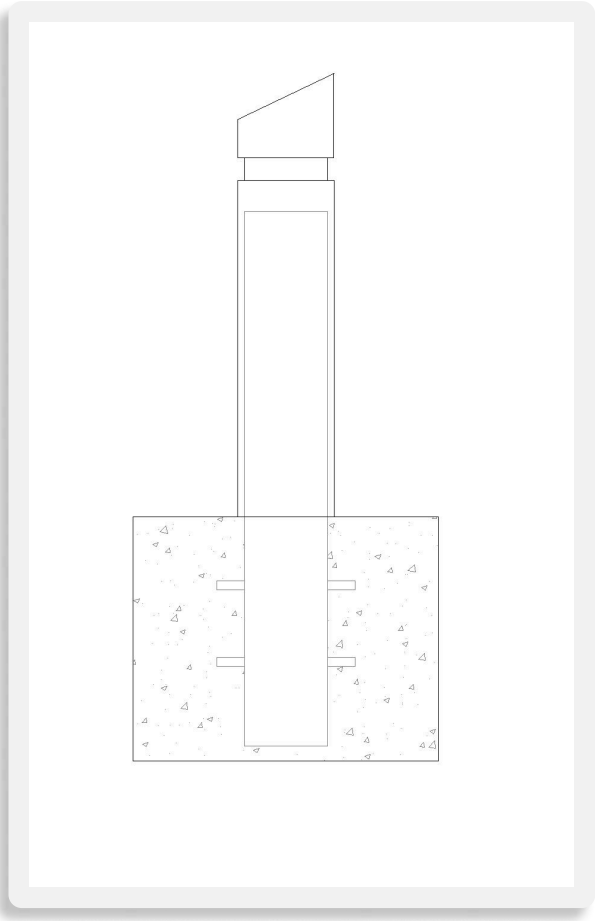
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HOW TO ORDER: CODE:

CODE EXAMPLE:
BB-PHNTM-K12-H1-LSB6-K22-316-DIM

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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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DOS K12 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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