BULLARD
BOLLARDS
Think Bollard Think Bullard



PAPION

K12
RATING

ILLUMINATED **SECURITY & SAFETY BOLLARDS**

BULLARD BOLLARDS
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CODE:
BB-PPN-GLC-K12

Fixture Type:

Project Name:



General Information:

A vertical, design-led solution, Papion brings together protection and illumination to support safer movement through space. Its durable construction and integrated LED lighting improve visibility while clearly defining pedestrian zones.

With a wide range of customizable options, Papion adapts effortlessly to both contemporary and classic architectural settings.

Applications: pedestrian environments, public spaces, vehicular interfaces

Fixture Type:

Illuminated Security & Safety Bollard

Lighting:

LED

Voltage:

110-277V

Material:

Stainless Steel

Driver Position:

Integral

IP Rating:

IP 65

Appliance Class:

I

Warranty:

LED lighting products are warranted for 5 years.

Main Features:

High visual comfort
Available in a wide range of finishes
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

991 South Gull Lake Dr Richland, MI 49083 USA

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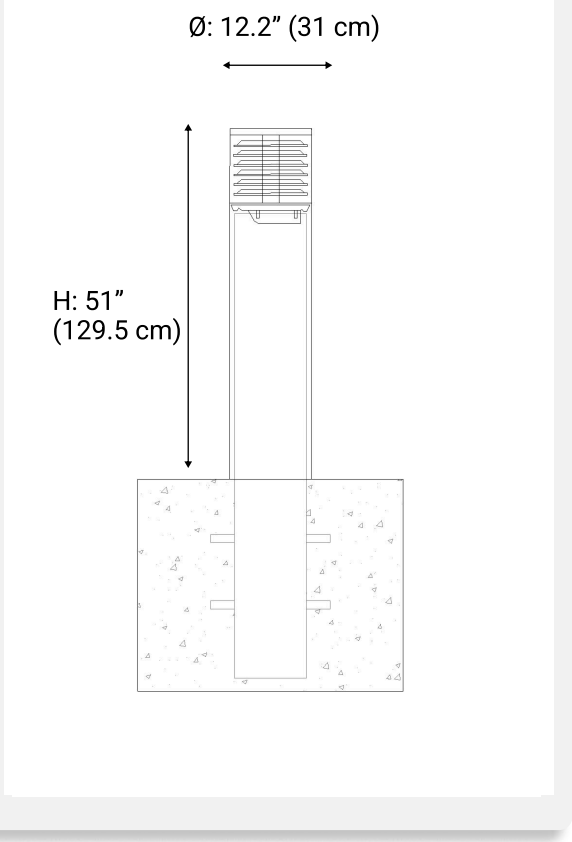
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CODE:
BB-PPN-GLC-K12

Fixture Type:

Project Name:



LED | 110-277V | IP65 | K12 RATING | DEEP FOUNDATION | STANDARD

HOW TO ORDER: CODE:

CODE EXAMPLE:
BB-PPN-GLC-K12-LSB6-SC-K22-DIM-WH

BB-PPN-GLC-K12-LSB6-SC-K22-DIM-WH

1 DIMENSIONS:

Diameter - Ø: 12.2” (31 cm)
Overall Height - H: 51” (129.5 cm)

2 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*

3 LENS:

-SC	Standard Clear
-FC	Frosted Acrylic

4 CCT:

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

5 DIMMING OPTIONS:

-NON	NON-Dimmable
-DIM	0-10V

6 FINISH OPTIONS:

-WH	White (RAL 9010)
-BL	Black (RAL 9005)
-BR	Bronze (RAL 8004)
-LG	Light Grey (RAL 7047)
-DK	Dark Grey (RAL 7021)
-BSS	Brushed Stainless Steel
-CUS	Custom on request*

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CODE: BB-PPN-GLC-K12

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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