

# Aluminum Bollard (CL8) Specification Sheet

Project Name:	Location:	MFG: Philips Hadco
Fixture Type:	Catalog No.:	Qty:



## Ordering Guide

Example: CL8 1 A A0 100I E

Product Code	CL8	Aluminum Bollard
Roof	1 2	Cone Dome
Finish	A B H	Black White Bronze
Optics	A0	Symmetric
Wattage	100I 26F 32F 42F 50H 70H 100H 70S 100S	100W INC 26W CFL 32W CFL 42W CFL 50W MH 70W MH 100W MH 70W HPS 100W HPS
Voltage	E F G H K	120V 208V 240V 277V 347V

\*1 Available in 120V (E) only.

\*2 Not available in 347V (K).

## Specifications

### HOUSING:

Available in three roof styles: cone, dome, or hexagonal style with die-cast aluminum louvers. . 356 HM high-strength, low-copper, proprietary cast aluminum alloy . Easy access to lamp. 8" dia. extruded aluminum with a wall thickness of 0.125". A weatherproof ballast assembly isolates the ballast from water and heat for longer life. All non-ferrous fasteners prevent corrosion and ensure longer life.

### FINISH:

Thermoset polyester powdercoat is electrostatically applied after a five-stage conversion cleaning process and bonded by heat fusion thermosetting. Optional CraftStone™ finish is highly weather-resistant and bonded to the aluminum substrate. (NOTE: Louvers on CraftStone™ finishes are Powdercoated White.). Laboratory tested for superior weatherability and fade resistance in accordance with ASTM B117 specifications. For larger projects where a custom color is required, contact the factory for more information.

### OPTICAL ASSEMBLY:

Symmetric. Die-cast aluminum louvers with tempered ribbed glass globe.

### LAMPING:

Incandescent Medium Base A19. 26W CFL (GX24Q-3). 32W CFL (GX24Q-3). 42W CFL (GX24Q-4). MH and HPS Medium base: E17.

### ELECTRICAL ASSEMBLY:

Key-slotted Ballast Assembly is mounted to an aluminum plate, which is mounted inside the base. Quick disconnects for easy installation and removal. 4kv rated porcelain mini-can base. Nickel-plated screw shell with center contact. 26W Fluorescent socket is a GX24Q-3 base. 32W Fluorescent socket is a GX24Q-3 base. 42W Fluorescent socket is a GX24Q-4 base.

### BALLAST:

All HID ballasts are core and coil and regulated with power factors better than 90% (HPF). Ballast provides +/- 5% lamp power regulation with +/- 10% input voltage regulation. Ballasts are factory pre-wired and tested. Metal halide ballasts are capable of starting at -20° F or -30° C and HPS at -40°F or -40°C. NOTE: All ballasts are EISA / Title 20 / Title 24 compliant where applicable. Fluorescent ballast is electronic. Ballast is capable of starting at 0° F or -18° C. Ballast is factory wired and tested.

### INSTALLATION & MOUNTING:

Internal cast aluminum base plate is secured to anchor foundation by four (4) 3/8-16 x 8" galvanized steel bolts and nuts on a 4-3/4" bolt circle. (Use factory supplied template.). A twist-lock action mates the base plate casting with lower bollard casting, which is welded to the bottom of the bollard extrusion. Base of bollard can be leveled with over and under nut. One set screw is used to secure the bollard to the base plate.

### WARRANTY:

Three-year limited warranty.

### CERTIFICATIONS:

ISO 9001:2008 Registered

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Note: Philips reserves the right to modify the above details to reflect changes in the cost of materials and/or production and/or design without prior notice.  
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ETL listed to U.S. safety standards for wet locations. cETL listed to Canadian safety standards for wet locations. Manufactured to ISO 9001:2008 Standards.

**Height :**  
41 1/2" (105cm)

**Width:**  
8" (20cm)

**Bolt Circle:**  
4 3/4" (12cm)

**Anchor Rods:**  
internal. (4) 3/8" dia. x 8" long (1cm x 20cm)

**Base Diameter:**  
8" (20cm)

**Max. Weight:**  
Powdercoat: 28 lbs

**Max. Weight:**  
CraftStone: 32 lbs



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