

DIVISION 26 00 00
SECTION 26 50 00
SECTION 26 56 00

ELECTRICAL
LIGHTING
EXTERIOR LIGHTING
CORDIA BOLLARD

Part 1 General

01. Summary

A. Section Includes:

1. Cordia Bollard.

02. Submittals

A. Provide submittals in accordance with Section 01 33 00 – Submittal Procedures.

B. Product data:

1. Manufacturer's standard product literature.
2. Shop drawings.
3. Installation instructions.
4. Maintenance instructions.

C. Submit powdercoat finish samples for approval.

03. Quality Assurance

A. Manufacturer Qualifications:

1. Minimum 15 years experience in the manufacture of outdoor lighting.
2. Provide reference list of at least ten major transportation authorities, municipalities, universities, or other high-use public environments currently using outdoor lighting fabricated by the manufacturer.

04. Delivery, Storage and Handling

- A. Handle products in accordance with manufacturer's instructions.
- B. Store products in manufacturer's original packaging until ready for installation.
- C. Protect products from impacts and abrasion during storage.

05. Warranty

A. Provide manufacturer's standard warranty:

1. Warranty terms: one year from date of invoice against defects in materials and workmanship.

Part 2 Products

01. Manufacturer

A. Basis-of-design product: provide bollards based on the product named.

1. Cordia Bollard by Forms+Surfaces
2. Manufacturer Contact:
Forms+Surfaces
30 Pine Street
Pittsburgh, PA 15223
phone: 800-451-0410
fax: 412-781-7840

email: sales@forms-surfaces.com
website: www.forms-surfaces.com

B. Bollards

1. Materials:

- a. Body: corrosion-resistant cast aluminum with a powdercoat finish.
- b. Base: corrosion-resistant aluminum with a powdercoat finish.
- c. Head: corrosion-resistant aluminum with a powdercoat finish.
- d. Lens: optically clear acrylic lens.
- e. Optional directional shield with 180° coverage.
- f. Driver: Input power is 100 - 277 VAC. Includes high efficiency constant output current with over-voltage, short circuit, overload protection, and has 0-10V dimming capabilities. Certifications include: IP66 (waterproof) enclosure and Class 2 rated output (UL 8750).
- g. LED Light Engine (Select temperature below):
 - 1) LED 3000K
 1. 35W
 2. Luminaire lumens: 873
 3. Color temperature: 3,000K

2) LED 4000K

1. 35W
2. Luminaire lumens: 988
3. Color temperature: 4,000K

2. Finishes: polyester powdercoat (Select one option below):

- a. Standard Texture from Forms+Surfaces Powdercoat Chart.
- b. Premium Texture from Forms+Surfaces Powdercoat Chart.
- c. Custom RAL powdercoat colors.

3. Dimensions (Select model(s) below):

- a. 37.9" high x 9.0" wide x 8.0" deep

4. Mounting: Surface mount with 6.38" diameter base plate using four tamper-resistant bolts. Necessary hardware is included. Templates available upon request.

Part 3 Execution

01. Examination

- A. Verify that substrates are stable and capable of supporting the weight of items covered under this section.
- B. Verify that substrates have been adequately prepared to securely anchor those items that will be surface mounted.

02. Installation

- A. Install according to the manufacturer's installation instructions.
- B. Install in conformance to applicable ADA guidelines and End User's established accessibility

policies.

END OF SECTION