

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

**ELECTRICAL**  
LIGHTING  
EXTERIOR LIGHTING  
**RINCON BOLLARD**

**Part 1 General**

01. Summary

A. Section Includes:

1. Rincon 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. Rincon 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: .06" (1.5 mm) stainless steel.
- b. Base: stainless steel casting.
- c. Head Cap: stainless steel casting.
- d. Lens: .25" (6.35 mm) thick white-frosted acrylic.
- e. Optional Directional Shield(s): 10.76" high x 4.18" wide stainless steel

#### 1) Shield Pattern (Choose one):

- 1. Huron.
- 2. Willow.
- 3. Vertical.
- 4. Horizontal.
- 5. Custom.

#### 2) Shield Location(s) (Choose one):

- 1. One shield.
- 2. Two shields on adjacent sides.
- 3. Two shields on opposite sides.
- 4. Three shields.
- 5. Four shields.

f. LED Driver: Input power is 90 – 305 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 (UL1310 / UL8750).

g. LED Light Engine (Select color temperature below):

#### 1) LED3000K:

- 1. 14W custom LED light engine.
- 2. Luminaire lumens: 1020.
- 3. Color temperature: 3,000K.

#### 2) LED 4000K:

- 1. 14W custom LED light engine.
- 2. Luminaire lumens: 1020.
- 3. Color temperature: 4,000K

### 2. Finish:

a. Body and Head Cap:

#### 1) Satin.

#### 2) Polyester powdercoat (Select one option below):

- 1. Standard Texture/Gloss from Forms+Surfaces Powdercoat Chart.
- 2. Premium Texture/Gloss from Forms+Surfaces Powdercoat Chart.

3. Custom RAL powdercoat color.
  - b. Base: Slate Texture powdercoat.
  - c. Optional Directional Shield(s): Satin.
3. Dimensions: 36.2" high x 4.5" wide x 4.5" deep.
4. Mounting: Surface mount with 4.5" x 4.5" base 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**