

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

ELECTRICAL
LIGHTING
EXTERIOR LIGHTING
RINCON PEDESTRIAN

Part 1 General

01. Summary

A. Section Includes:

1. Rincon Pedestrian Lighting.

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.

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 pedestrian lighting based on the product named.

1. Rincon Pedestrian Lighting 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. Pedestrian Lighting

1. Materials:

- a. Body: .06" (1.5 mm) stainless steel.
- b. Base: stainless steel.
- c. Head Cap: stainless steel casting.
- d. Lens: .25" (6.35 mm) thick white-frosted acrylic.
- e. Optional Directional Shield(s): 35.76" 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 (UL8750).
- g. LED Light Engine (Select color temperature below):
 - 1) LED 3000K:
 1. 30W custom LED light engine.
 2. Luminaire lumens: 2880.
 3. Color temperature: 3,000K.
 - 2) LED 4000K:
 1. 30W custom LED light engine.
 2. Luminaire lumens: 2880.
 3. Color temperature: 4,000K.

2. Finish:

- a. Body and Head Cap:
 - 1) Stainless steel with Satin finish.
 - 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:
 - 1) Stainless steel with Satin finish.

- 2) Slate Texture from Forms+Surfaces Powdercoat Chart.
- c. Optional Directional Shield(s):
 - 1) Stainless steel with Satin finish.

3. Dimensions:

- a. 117" high x 4.5" wide x 4.5" deep
- b. base plate: 2" high x 7.5" wide x 7.5" deep

4. Mounting: Surface mount with 0.375" thick stainless steel base plate. Provided: stainless steel cover and necessary hardware. Template 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