

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

**ELECTRICAL**  
LIGHTING  
EXTERIOR LIGHTING  
3RIVERS PEDESTRIAN LIGHTING

**Part 1 General**

01. Summary

A. Section Includes:

1. 3Rivers 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.

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 pedestrian lighting fixture based on the product named:

1. 3Rivers Pedestrian 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 fixtures

### 1. Materials

- a. Base plate: .75" thick structural aluminum.
- b. Base plate cover: cast aluminum.
- c. Pole: oval-shaped heavy wall extruded aluminum with gasketed hand hole.
- d. Reflective panel: oval-shaped aluminum.
- e. Driver: Electronic, 100/277VAC

#### 1) LED Light Engine (Select temperature below):

##### 1. 3000K LED chip and board

- a. 50W.
- b. Luminaire lumens: 2392.
- c. Color temperature: 3,000K.

##### 2. 4000K LED chip and board

- a. 50W.
- b. Luminaire lumens: 2705.
- c. Color temperature: 4,000K.

### 1. Finish: Polyester powdercoat (Choose one color below):

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

### 3. Dimensions

- a. Overall height (With reflective panel at standard 15° above horizontal): 195".
- b. Pole height: 166".
- c. Reflective panel: 29" x 42" oval x 1/2" thick.

### 4. Mounting: Surface mount with –bolts: 0.75" thick aluminum base plate with cast aluminum base cover. Necessary hardware is included. 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**