

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

**ELECTRICAL**  
LIGHTING  
EXTERIOR LIGHTING  
LIGHT COLUMN PEDESTRIAN

**Part 1 General**

01. Summary

A. Section Includes:

1. Series 500 pedestrian, 5" diameter column.
2. Series 600 pedestrian, 6" diameter column.

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. Light Column 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. Light Column Body: tubular stainless steel.
- b. Light Column Head: .125" thick white-frosted acrylic tube with stainless steel cap.
- c. Optional standard shield configurations (Choose one below, if desired):
  - 1) Kente:
    - A) Series 600, 180° shield.
  - 2) Perforation:
    - A) Series 500, 180° shield.
    - B) Series 600, 180° shield.
    - C) Series 500, 360° shield.
    - D) Series 600, 360° shield.
  - 3) Scape:
    - A) Series 500, 180° shield.
    - B) Series 600, 180° shield.
    - C) Series 500, 360° shield.
    - D) Series 600, 360° shield.
  - 4) Bubbles:
    - A) Series 500, 180° shield.
    - B) Series 600, 180° shield.
    - C) Series 500, 360° shield.
    - D) Series 600, 360° shield.
  - 5) Ribbon:
    - A) Series 500, 360° shield.
    - B) Series 600, 360° shield.
  - 6) Argyle:
    - A) Series 500, 360° shield.
    - B) Series 600, 360° shield.
- d. Ballast (linear fluorescent only): electronic, thermally protected, 120/277V combination for two F32T8 lamps, less than 10% TDH, 0° F starting temperature.
- e. Driver (LED only): Input power is 90-305 V. Includes high efficiency constant output current with over-voltage, short circuit, overload protection, and has 0-10V dimming capabilities. Certifications include: IP67 (waterproof) enclosure and Class 2 rated output.
- f. Lamps (Choose one lamp below):
  - 1) LED 3000K:
    1. 32W custom LED light engine.
    2. Luminaire lumens: Series 500: 3783, Series 600: 3790.
    3. Color temperature: 3,000K.
  - 2) LED 4000K:

1. 32W custom LED light engine.
  2. Luminaire lumens: Series 500: 3783, Series 600: 3790.
  3. Color temperature: 4,000K.
- 3) (2) F32T8:
1. 32W T8 linear fluorescent.
  2. Base: medium bi-pin.
  3. Luminaire lumens: Series 500: 4790, Series 600: 5001.
  4. Color temperature: 4,100K.
- 4) (2) F48T8/HO:
1. 48W T8/HO linear fluorescent.
  2. Base: recessed dbl.
  3. Luminaire lumens: Series 500: 6783, Series 600: 6897.
  4. Color temperature: 4,100K.
- g. GFCI outlet (Series 600 only) (Optional)
2. Finish:
- a. Satin.
  - b. Polyester powdercoat (Choose one color below):
    - 1) Standard Texture/Gloss from Forms+Surfaces Powdercoat Chart.
    - 2) Premium Texture/Gloss from Forms+Surfaces Powdercoat Chart.
    - 3) Custom RAL powdercoat color.
3. Dimensions (Select model(s) below):
- a. Series 500:
    - 1) 5" diameter x 132.5" high.
  - b. Series 600.
    - 1) 6" diameter x 132.5" high.
4. Mounting: .50" thick base plate, slotted for rotational capability. Provide 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**