DIVISION 26 00 00  ELECTRICAL
SECTION 26 50 00  LIGHTING
SECTION 26 56 00  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.

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
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:
         - Series 600, 180° shield.

      2) Perforation:
         - Series 500, 180° shield.
         - Series 600, 180° shield.
         - Series 500, 360° shield.
         - Series 600, 360° shield.

      3) Scape:
         - Series 500, 180° shield.
         - Series 600, 180° shield.
         - Series 500, 360° shield.
         - Series 600, 360° shield.

      4) Bubbles:
         - Series 500, 180° shield.
         - Series 600, 180° shield.
         - Series 500, 360° shield.
         - Series 600, 360° shield.

      5) Ribbon:
         - Series 500, 360° shield.
         - Series 600, 360° shield.

      6) Argyle:
         - Series 500, 360° shield.
         - 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:
         - 32W custom LED light engine.
         - Color temperature: 3,000K.

      2) LED 4000K:
1. 32W custom LED light engine.
3. Color temperature: 4,000K.

3) (2) F32T8:
   1. 32W T8 linear fluorescent.
   2. Base: medium bi-pin.
   4. Color temperature: 4,100K.

4) (2) F48T8/HO:
   1. 48W T8/HO linear fluorescent.
   2. Base: recessed dbl.
   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