Part 1 General

01. Summary
   A. Section Includes:
      1. Cordia Pedestrian.

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.
   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 based on the product named.
      1. Cordia Pedestrian 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:
   b. Base: corrosion-resistant aluminum with a powdercoat finish.
   c. Head: corrosion-resistant aluminum with a powdercoat finish.
   d. Lens: tempered glass.
   e. Driver: Input power is 100 - 277 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 (UL 8750).
   f. LED Light Engine (Select temperature below):
      1) LED 3000K
         1. 50W
         2. Luminaire lumens: 2265
         3. Color temperature: 3,000K
      2) LED 4000K
         1. 50W
         2. Luminaire lumens: 2561
         3. Color temperature: 4,000K
   2. Finishes: polyester powdercoat (Select one option below):
      b. Premium Texture from Forms+Surfaces Powdercoat Chart.
      c. Custom RAL powdercoat color.
   3. Dimensions (Select model(s) below):
      a. Overall height: 138"
      b. Main body diameter: 5"
      c. Top shield: 20" x 20" rounded square
   4. Mounting: Surface mount with 12.5" x 12.5" square baseplate 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