

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

ELECTRICAL
LIGHTING
EXTERIOR LIGHTING
TRIO PEDESTRIAN

Part 1 General

01. Summary

A. Section Includes:

1. Trio 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.
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(s) based on the product named:

1. Trio 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:

1. Materials:

- a. Body: formed aluminum extrusion and cast aluminum head.
- b. Lens: white acrylic.
- c. Ballast or LED Driver: Compatible electronic, thermally protected (universal input voltage) 120/277V for two F32T8, F48T8HO or three L22.5T8 lamps with less than 10% THD & 0°F starting temperature.

d. Lamp (select one):

1) (2) F32T8:

1. 32W T8 linear fluorescent.
2. Base: medium bi-pin.
3. Luminaire lumens: 3970
4. Color temperature: 4,100K.

2) (2) F48T8/HO:

1. 48W T8/HO linear fluorescent.
2. Base: recessed dbl.
3. Luminaire lumens: 5204
4. Color temperature: 4,100K.

3) (3) L22.5T8:

1. 22.5W T8 linear LED.
2. Base: Medium bi-pin.
3. Luminaire lumens: 4223
4. Color temperature: 4,000K.

e. Hardware: stainless steel.

1. Finish: polyester powdercoat (Select one option below):

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

2. Dimensions:

- a. 135" high x 7.7" wide x 7.7" deep.

3. Weight:

- a. 73 lbs.

4. Mounting: Surface mount with J-bolts: 0.25" thick stainless steel base plate. 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