

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

**ELECTRICAL**  
LIGHTING  
EXTERIOR LIGHTING  
KNIGHT PEDESTRIAN LIGHTING

## **Part 1 General**

### 01. Summary

#### A. Section Includes:

1. Knight 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. Knight 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](http://www.forms-surfaces.com)

## B. Pedestrian Lighting

### 1. Materials

- a. Column: extruded aluminum with rounded corners.
- b. Head: aluminum quadrant casting with aluminum lamp housing and four borosilicate glass lenses.
- c. Ballast: f-can ballast, thermally protected, 12/277V, -30°C starting temperature, class B sound rating.
- d. High intensity discharge lamp:
  - 1) M150.
    1. 150W metal halide.
    2. Base: medium.
    3. Luminaire lumens: 4,436.
    4. Color temperature: 4,000K.

### 2. Finishes

- a. Column and lamp housing: polyester powdercoat (**Select one option below**):
  - 1) Standard Texture from Forms+Surfaces Powdercoat Chart.
  - 2) Premium Texture from Forms+Surfaces Powdercoat Chart.
  - 3) Custom RAL powdercoat color.
- b. Quadrant casting: "Forms+Surfaces Aluminum Texture" polyester powdercoat with polished outer edges. All surfaces are clear coated.

### 3. Dimensions

- a. Overall: 6" square x 138" high.
4. Mounting: 3/8" thick stainless steel base plate, 5.50" square. 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**