



Item#: **83441-PC**  
**LED DESIGNER POST TOP**  
**OUTDOOR POLE/ARM-MOUNTED AREA AND ROADWAY LUMINAIRES**

**FEATURES**

- Compatible for standard 2 3/8" tenons.
- Replaces 250-400W HID fixtures.
- Elegant and modern appearance.
- Frosted lens for soft lighting with no glare.
- Includes photo cell

**APPLICATION**


Walkway and building perimeter lighting. Can be used as flood or area light.

PERFORMANCE DATA

**ELECTRICAL**

|                                 |          |
|---------------------------------|----------|
| Wattage                         | 100W     |
| Voltage                         | 120-277V |
| Current                         | --       |
| Power Factor                    | 0.9      |
| Total Harmonic Distortion (THD) | --       |

**LIGHTING PERFORMANCE**

|  |   |
|--|---|
| Lumens                                     | 12220   |
| Lumens Per Watt (Lm/W)                     | 120   |
| Color Temperature (CCT)                    | 5000K   |
| Color Rendering (CRI)                      | 70  |
| R9 (Red Value)                             | --  |
| R13 (Skin Tones)                           | --  |
| Beam Angle                                 | 105° x 105°   |
| Light Distribution                         | Type II, Very Short   |
| BUG Rating (Backlight, Uplight, and Glare) | --  |
| Dimmable Lighting Control                  |  |

**ENVIRONMENT**

|                           |              |
|---------------------------|--------------|
| Operating Temperature     | -40° ~ 104°F |
| Suitable Location         | <b>WET</b>   |
| Ingress Protection Rating | IP65         |

**LIFESPAN**

|                      |          |
|----------------------|----------|
| Average Life (Hours) | 50,000   |
| Warranty (Years)     | <b>5</b> |

**COMPONENTS**

|                  |             |
|------------------|-------------|
| LED Light Source | Luxeon 3030 |
| Driver           | --          |

**CONSTRUCTION**

|                                |            |
|--------------------------------|------------|
| Housing                        | Aluminum   |
| Lens                           | Glass      |
| Base / Power Supply            | Hard Wired |
| Finish                         | Black      |
| Effective Projected Area (EPA) | --         |

**QUALIFICATIONS**



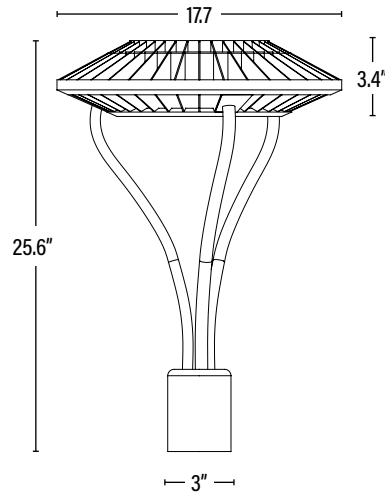
*Published lumens on LED products are approximate and may vary slightly. • Specifications are subject to change without notice.*

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| <b>DIMENSIONS</b> (Inches) |       |
|----------------------------|-------|
| Length (MOL)               | 25.6" |
| Width/Diameter (MOD)       | 17.7" |
| Weight (Lbs)               | 16.1  |

| <b>SUPPORTING DOCUMENTS</b> (Grey = not available at this time.) |      |
|--|------|
| Product Sheet  | VIEW |
| Install Instructions   | VIEW |
| IES Download from Web Item                                       | VIEW |
| LM79   | VIEW |
| LM80   | VIEW |



| <b>PACKAGING</b>  |              | <b>UPC</b>   | <b>DIMENSIONS</b> (LxWxH) | <b>GROSS WEIGHT</b> (Lbs) |
|-------------------|--------------|--------------|---------------------------|---------------------------|
| Master Carton     | 1            | 811768024623 | 19.7" x 19.7" x 7.5"      | --                        |
| Country of Origin | China        |              |                           |                           |
| HS Tariff         | 9405.10.6020 |              |                           |                           |

| <b>ORDERING</b> |   |  |             |
|-----------------|---|--|-------------|
| <b>ITEM#</b>    | <b>DESCRIPTION</b>  |  | <b>CASE</b> |
| 83441-PC        | LED DESIGNER POST TOP 100W/50K/120-277V/BLACK/PHOTO CELL - SUPERIOR LIFE® |  | 1           |

ITEM INFORMATION