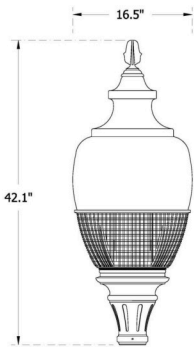


Project Name

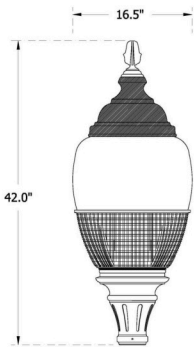
Qty

Type

Catalog / Part Number



A85LED-5P



A85SRLED-5P

Certifications



Mounting Configuration



Wall Mount



Post Top



1 Arm Mount



1 Arm & Post Top



2 Arm Mount @ 180°



2 Arm Mount @ 90°



2Arm @180 & Post Top



3 Arms @ 120°



3 Arms @ 90°



3Arm @120 & Post Top



4 Arms @ 90°



4Arm @90 & Post Top



1Arm MidMount



2Arm MidMount @180



Pier Base

Description

The A85LED / A85SRLED Yorktown series is a classic shape acorn fixture which consists of a decorative cast aluminum fitter and multi-piece acorn. The top portion of the textured DR Acrylic acorn shall be securely joined to the lower high efficiency prismatic acrylic acorn. Offered with an optional spun aluminum solid roof. It shall be appointed with a cast aluminum decorative 4-vane finial.

EPA: 1.9 (#2) | WEIGHT: 24 LBS

Features

Mounting Configuration

- 1W: Wall Mount  
1A: 1 Arm Mount  
2A: 2 Arm Mount @ 180°  
2APT: 2Arm @180 & Post Top  
3A90: 3 Arms @ 90°  
4A: 4 Arms @ 90°  
1AM: 1 Arm MidMount  
450PB: Pier Base
- PT: Post Top  
1APT: 1 Arm & Post Top  
2A90: 2 Arm Mount @ 90°  
3A: 3 Arms @ 120°  
3APT: 3Arm @120 & Post Top  
4APT: 4Arm @90 & Post Top  
2AM: 2Arm MidMount @180

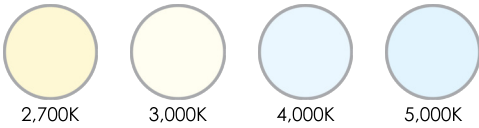
Fitter

- 5P: Slip fit 3" OD x 3" tall tenon/pole  
73: Slip fit 3" OD x 4" tall tenon/pole  
74: Slip fit 4" OD x 4" tall tenon/pole  
990: Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole  
991: Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole  
992: Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole  
993: Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole  
994: Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole  
995: Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole  
BD4: Slip fit 4" OD x 5" tall tenon/pole  
BD5: Slip fit 5" OD x 6" tall tenon/pole  
BD7: Slip fit 7" OD x 1" tall tenon/pole  
OL3: Oak-Leaf, Slip fit 3" OD x 3" tall tenon/pole  
OL4: Oak-Leaf, Slip fit 4" OD x 3" tall tenon/pole  
588: Art-Deco, Slip fit 3" OD x 3" tall tenon/pole  
C2097: Low-Profile, Slip fit 7" OD x 1" tall tenon/pole

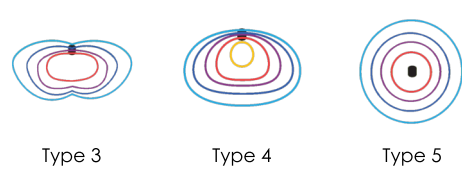
Finish



CCT - Color Temp (K)



Distribution Type



|                                       |                                                                                                                                                                                                                                                                  |                                                                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Fixture                               | A85LED: Open RoofA85SRLED: Solid Roof                                                                                                                                                                                                                            |                                                                                                                                          |
| Optional Twist Lock Acorn             | T: Twist-Lock Option for Acorn                                                                                                                                                                                                                                   |                                                                                                                                          |
| Lens                                  | A: Prismatic Acrylic Acorn                                                                                                                                                                                                                                       |                                                                                                                                          |
| Optional Control Receptacle           | R7: 7-Pin control receptacle only                                                                                                                                                                                                                                |                                                                                                                                          |
| Optional Control                      | PE: Twist-Lock Photocontrol (120V-277V)<br>PE4: Twist-Lock Photocontrol (347V-480V)<br>SC: Shorting Cap<br>PEC: Electronic Button Photocontrol (120V-277V)<br>PEC4: Electronic Button Photocontrol (480V)                                                        |                                                                                                                                          |
| Optional Fuse                         | FHD: Double Fuse and Holder                                                                                                                                                                                                                                      |                                                                                                                                          |
| Optional Ring                         | CDR: Cast Deco Ring, GOLD medallions<br>CDRP: Cast Deco Ring, Medallions painted to match fixture<br>CDRCL: Cast Deco Ring, custom logo medallions<br>PBDR: Perforated Brass Deco Ring, raw brass<br>PBDRP: Perforated Brass Deco Ring, painted to match fixture |                                                                                                                                          |
| Optional Terminal Block               | TB: Terminal Block                                                                                                                                                                                                                                               |                                                                                                                                          |
| Optional Receptacle                   | GFI: 120V, 15A Duplex GFI for Utility Fitter                                                                                                                                                                                                                     |                                                                                                                                          |
| Optional House Side Shield            | HSS: 120° House Side Shield                                                                                                                                                                                                                                      |                                                                                                                                          |
| Optional Fixed Dimming Resistor Board | FDRB: Fixed Dimming Resistor Board                                                                                                                                                                                                                               |                                                                                                                                          |
| Finish                                | BKT: Black Textured<br>PGT: Park Green Textured<br>DBT: Dark Bronze Textured<br>SI: Swedish Iron<br>OI: Old Iron<br>WBR: Weathered Brown<br>WBK: Weathered Black<br>CM: Custom Match                                                                             | WHT: White Textured<br>ABZT: Arch Med Bronze Tex<br>VG: Verde Green<br>OWGT: Old World Gray Tex<br>RT: Rust<br>CD: Cedar<br>TT: Two Tone |
| Light Source                          | 4L: 4 LEDs                                                                                                                                                                                                                                                       |                                                                                                                                          |
| CCT - Color Temp (K)                  | 27: 2,700K<br>35: 3,500K<br>50: 5,000K                                                                                                                                                                                                                           | 30: 3,000K<br>40: 4,000K                                                                                                                 |
| Distribution Type                     | T3: Type 3<br>T5: Type 5                                                                                                                                                                                                                                         | T4: Type 4                                                                                                                               |
| Driver                                | MDL02: 120V-277V, 250mA<br>MDL03: 120V-277V, 350mA<br>MDL05: 120V-277V, 500mA<br>MDL06: 120V-277V, 630mA                                                                                                                                                         | MDH02: 347V-480V, 250mA<br>MDH03: 347V-480V, 350mA<br>MDH05: 347V-480V, 500mA<br>MDH06: 347V-480V, 630mA                                 |

Important

Virtual Patent Marking Notice

This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

How to Order

| Mounting Configuration <sup>(1)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Fixture                                                     | Fitter <sup>(1)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Optional Twist Lock Acorn               | LED                 | CCT - Color Temp (K)                                                                                            | Distribution Type                                                 | Driver                                                                                                                                                                                                                                                                                       | Lens                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>1W</b><br>Wall Mount<br><b>PT</b><br>Post Top<br><b>1A</b><br>1 Arm Mount<br><b>1APT</b><br>1 Arm & Post Top<br><b>2A</b><br>2 Arm Mount @ 180°<br><b>2A90</b><br>2 Arm Mount @ 90°<br><b>2APT</b><br>2Arm @180 & Post Top<br><b>3A</b><br>3 Arms @ 120°<br><b>3A90</b><br>3 Arms @ 90°<br><b>3APT</b><br>3Arm @120 & Post Top<br><b>4A</b><br>4 Arms @ 90°<br><b>4APT</b><br>4Arm @90 & Post Top<br><b>1AM</b><br>1 Arm MidMount<br><b>2AM</b><br>2Arm MidMount @180<br><b>450PB</b><br>Pier Base <sup>(2)</sup> | <b>A85LED</b><br>Open Roof<br><b>A85SRLED</b><br>Solid Roof | <b>5P</b><br>3" OD x 3" tall tenon <sup>(3)</sup><br><b>73</b><br>Slip fit 3" OD x 4" tall tenon/pole<br><b>74</b><br>Slip fit 4" OD x 4" tall tenon/pole<br><b>990</b><br>Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole <sup>(3)</sup><br><b>991</b><br>Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole <sup>(3)</sup><br><b>992</b><br>Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole <sup>(3)</sup><br><b>993</b><br>Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole <sup>(3)</sup><br><b>994</b><br>Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole <sup>(3)</sup><br><b>995</b><br>Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole <sup>(3)</sup><br><b>BD4</b><br>Slip fit 4" OD x 5" tall tenon/pole<br><b>BD5</b><br>Slip fit 5" OD x 6" tall tenon/pole<br><b>BD7</b><br>Slip fit 7" OD x 1" tall tenon/pole<br><b>OL3</b><br>Oak-Leaf, Slip fit 3" OD x 3" tall tenon/pole<br><b>OL4</b><br>Oak-Leaf, Slip fit 4" OD x 3" tall tenon/pole<br><b>588</b><br>Art-Deco, Slip fit 3" OD x 3" tall tenon/pole<br><b>C2097</b><br>Low-Profile, Slip fit 7" OD x 1" tall tenon/pole <sup>(3)</sup> <sup>(4)</sup> <sup>(5)</sup> | <b>T</b><br>Twist-Lock Option for Acorn | <b>4L</b><br>4 LEDs | <b>27</b><br>2,700K<br><b>30</b><br>3,000K<br><b>35</b><br>3,500K<br><b>40</b><br>4,000K<br><b>50</b><br>5,000K | <b>T3</b><br>Type 3<br><b>T4</b><br>Type 4<br><b>T5</b><br>Type 5 | <b>MDL02</b><br>120V-277V, 250mA<br><b>MDH02</b><br>347V-480V, 250mA<br><b>MDL03</b><br>120V-277V, 350mA<br><b>MDH03</b><br>347V-480V, 350mA<br><b>MDL05</b><br>120V-277V, 500mA<br><b>MDH05</b><br>347V-480V, 500mA<br><b>MDL06</b><br>120V-277V, 630mA<br><b>MDH06</b><br>347V-480V, 630mA | <b>A</b><br>Prismatic Acrylic Acorn |

Notes:

1. Use 3" fitter for arm applications.

2. For use with 3" fitters only

3. Fitter available with "Twist-lock" acorn option
4. Consult factory for use on concrete poles.

5. Not for use with button photocell

How to Order

| Optional Control<br>Receptacle <sup>(6)</sup> <sup>(7)</sup> <sup>(8)</sup> | Optional Control                                                                                                                                                                                                                                                                                                                                                                                            | Optional Fuse <sup>(12)</sup>           | Optional Ring                                                                                                                                                                                                                                                                                                                                                               | Optional Terminal<br>Block <sup>(6)</sup> | Optional Receptacle<br><sup>(6)</sup> <sup>(14)</sup>    | Optional House Side<br>Shield <sup>(15)</sup> | Optional Fixed<br>Dimming Resistor<br>Board <sup>(10)</sup> | Finish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>R7</b><br>7-Pin control<br>receptacle only                               | <b>PE</b><br>Twist-Lock<br>Photocontrol<br>(120V-277V) <sup>(9)</sup><br><br><b>PE4</b><br>Twist-Lock<br>Photocontrol<br>(347V-480V) <sup>(9)</sup><br><br><b>SC</b><br>Shorting Cap <sup>(9)</sup><br><br><b>PEC</b><br>Electronic Button<br>Photocontrol<br>(120V-277V) <sup>(10)</sup> <sup>(11)</sup><br><br><b>PEC4</b><br>Electronic Button<br>Photocontrol<br>(480V) <sup>(10)</sup> <sup>(11)</sup> | <b>FHD</b><br>Double Fuse and<br>Holder | <b>CDR</b><br>Cast Deco Ring,<br>GOLD medallions<br><br><b>CDRP</b><br>Cast Deco Ring,<br>Medallions painted<br>to match fixture<br><br><b>CDRCL</b><br>Cast Deco Ring,<br>custom logo<br>medallions <sup>(13)</sup><br><br><b>PBDR</b><br>Perforated Brass<br>Deco Ring, raw<br>brass<br><br><b>PBDRP</b><br>Perforated Brass<br>Deco Ring,<br>painted to match<br>fixture | <b>TB</b><br>Terminal Block               | <b>GFI</b><br>120V, 15A Duplex<br>GFI for Utility Fitter | <b>HSS</b><br>120° House Side<br>Shield       | <b>FDRB</b><br>Fixed Dimming<br>Resistor Board              | <b>BKT</b><br>Black Textured <sup>(16)</sup><br><br><b>WHT</b><br>White Textured <sup>(16)</sup><br><br><b>PGT</b><br>Park Green<br>Textured <sup>(16)</sup><br><br><b>ABZT</b><br>Arch Med Bronze<br>Tex <sup>(16)</sup><br><br><b>DBT</b><br>Dark Bronze<br>Textured <sup>(16)</sup><br><br><b>VG</b><br>Verde Green<br><br><b>SI</b><br>Swedish Iron<br><br><b>OWGT</b><br>Old World Gray Tex<br><br><b>OI</b><br>Old Iron <sup>(17)</sup><br><br><b>RT</b><br>Rust <sup>(17)</sup><br><br><b>WBR</b><br>Weathered Brown<br><sup>(17)</sup><br><br><b>CD</b><br>Cedar <sup>(17)</sup><br><br><b>WBK</b><br>Weathered Black<br><sup>(17)</sup><br><br><b>TT</b><br>Two Tone <sup>(17)</sup><br><br><b>CM</b><br>Custom Match <sup>(17)</sup> |

Notes:

- 6.** For 900 series utility fitter only.

**7.** Not for use with FDRB.

**8.** For use with standard 3-Pin photocells only, not for use with a wireless network controller.

**9.** Requires control receptacle.

**10.** Not for use with R7.

**11.** Not for use with C2097 fitter.
- 12.** Ships loose for installation in base.

**13.** Consult factory for specification details.

**14.** For use with MDLxx driver only.

**15.** Not for use with TS optic.

**16.** Smooth finishes are available upon request.

**17.** Custom colors require upcharge.

Specifications

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available with Intellistreets® Technology | Intellistreets® is an integrated set of solutions offering the capability to see, hear, and record what's happening on your streets, through both cameras and audio sensors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Fitter                                    | <p>The sand cast fitter is a heavy wall, low-copper aluminum 356 alloy for enhanced corrosion resistance and high tensile strength. It will have an 8-1/2" inside diameter opening to attach to the 8" neck of the lens. It includes 4 stainless steel Allen-head set screws for attachment. The fitter will include a one-piece ring bug gasket to resist insect penetration.</p> <p><b>Utility Fitter:</b> The die-cast fitter shall be heavy wall, low-copper 360 aluminum alloy for enhanced corrosion resistance and high tensile strength. It shall have a hinged, tool-less entry door that provides open access to all components. The 900 series shall have an optional terminal block for ease of wiring, an optional Twist-Lock Photocontrol receptacle, an optional single GFCI outlet for auxiliary power needs. The top mounted driver mounting plate will provide tool-less removal from the housing using 2 finger latches. The fitter shall have a one-piece ring gasket to resist insect penetration into globe assembly. When supplied with GFCI receptacle a hole will be provided for cord and plug installation with the access door closed. When cord and plug is not in use a filler plug will be provided and shall be tethered to the fitter for easy recovery and installation.</p> <p><b>Twist Lock Option:</b> The TL (Twist-Lock) fitter will have a die-cast aluminum twist-lock mechanism. The tool-less, quarter turn action allows for easy acorn/globe removal and replacement. The twist-lock mechanism is mechanically attached to the globe and is removable if the globe is broken or needs replacing.</p> |
| Cast Decorative Ring                      | Optional cast aluminum decorative ring ( <b>CDR</b> ) is made up of a 2.75" tall horizontal band with vertical slots and a 3" medallion in a <b>GOLD</b> finish. Alternate medallion version painted to match fitter ( <b>CDRP</b> ). Consult factory for custom logos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Polished Brass Decorative Ring            | Optional 2.25" tall perforated banding ring made of brass. Alternate version painted to match fitter ( <b>PBD RP</b> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Hardware                                  | Includes Stainless steel hardware. Most finishes will include hardware with a Black Oxide conversion coating. Light finishes will get non-color coated hardware ( <b>Whites and Silvers</b> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Serviceability                            | <p>Tool-less access to the driver compartment after the acorn is removed allows for trouble free servicing of the LED Driver and Surge Suppressor.</p> <p>Easy access to service the lens in the field.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UL Listing                                | UL listed per UL1598 and CSA C22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Electronic Driver                         | The LED driver is UL recognized and will be securely mounted inside the fixture, for optimized performance and longevity. It will be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections for fixture installation and maintenance. It will have DC voltage output and be a constant current design. It runs at 50/60HZ and will have overload, overheat, and short circuit protection. It will be supplied with a supplemental line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It will be a high efficiency driver with a THD less than 20% and a high-power factor greater than .9. It will be dimming capable using a 0-10V signal, consult factory for more information.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Finish                                    | <p>Our 6 Stage Polyester Powder coat paint system offers a beautiful high-end finish that holds up to even the most extreme environments. Each part is inspected for quality and consistency before being released for shipment.</p> <p>Our system exceeds AAMA 2604, AAMA 2605, ASTM D523 and ASTM D4214 requirements.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Traditional Finish                        | <p>Traditional paint finishes are available in Sternberg Lighting's Traditional product line. A range of colors help accent the decorative elements on the product. Finishes are available in textured or smooth.</p> <p>Available finishes include: <b>Black, White, Park Green, Architectural Medium Bronze and Dark Bronze</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sternberg Select Finish                   | <p>The Sternberg Select antique-inspired palette adds a touch of vintage elegance to modern applications.</p> <p><b>Old World Gray Textured</b> is a 1 part powder coat with metallic flakes.</p> <p><b>Verde Green and Swedish Iron</b> is a 2 part finish that includes a powder coat base coat with a hand applied antique top coat. The top coat is unique to each application and changes over time.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Custom Finish                             | <p>Custom finishes are offered to adapt to any application.</p> <p><b>Rust, Weathered Brown and Cedar</b> are special 1 part powder coat finishes with a distinctive look.</p> <p><b>Old Iron and Weathered Black</b> are 2 part finishes that includes a powder coat base coat with a hand applied antique top coat. The top coat is unique to each application and changes over time.</p> <p><b>Two-Tone and Custom Match</b> options are available to blend Sternberg product with the site, consult factory for more information.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Warranty                            | 7-year limited warranty. See Website for Terms and Conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEDs                                | <p>The LEDs in this system will be mounted vertically. They fully illuminate the luminaire and allow some up-light for vertical illumination.</p> <p>The luminaire shall use high output, high brightness LEDs, consisting of a two piece assembly complete with Chip on Board (COB) LED component and COB holder frame. The LEDs shall be 100% recyclable; not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. Lumen maintenance shall be determined in accordance with IESNA TM-21, based on LED manufacturer LM-80 test data of no less than 6,000 hours and in-situ testing of the luminaire by an NVLAP accredited Energy Efficient Lighting Products lab. The high performance white LED's will have a predicted lumen depreciation of approximately 100,000 hours with greater than 70% of initial output at 25°C. The High Brightness, High Output LEDs shall be 4000K (2700K, 3000K, 3500K or 5000K option) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom color CCT. The luminaire shall have a minimum _____ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).</p> <p><b>CCT Lumen Derate Values from 4,000K</b></p> <p>2,700K (80+ CRI)=.88</p> <p>3,000K (70+ CRI)=.97</p> <p>3,500K (80+ CRI)=.93</p> <p>5,000K (70+ CRI)=1.01</p> |
| Optics                              | The luminaire shall be provided with refractor type optics from the external prismatic acorn lens. The luminaire shall provide Type ____ (3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Backlight Optical Control           | An optional <b>INTERNAL</b> 120° House Side Shield helps control backlight.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Fixed Dimming Resistor Board (FDRB) | Optional numbered 10-step selector switch allows for fine adjustment of the light levels in the field, repeatable from location to location. Offers dimming from 25% to 100% of the original output. Enclosure is composite material, sealed to protect components for the life of the product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Photocontrols                       | <p><b>Button Photocell:</b> The photocontrol shall be mounted on the fixture and pre-wired to driver. The electronic button type photocontrol is instant on and will turn on at 1.5 footcandles and will turn off at 2-3 footcandles. See pole spec sheet for pole mounted version.</p> <p><b>Twist-Lock Style (Utility Fitter):</b> The photocontrol shall be mounted in the utility fitter and prewired to driver. Utility fitter includes acrylic window to read ambient light levels. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turnoff at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years. For use with standard photocells only, not for use with a wireless network controller.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Lumen Chart(s)

| Model #      | T3<br>DELIVERED<br>LUMENS | BUG    | EFFICACY<br>(LPW) | T4<br>DELIVERED<br>LUMENS | BUG    | EFFICACY<br>(LPW) | T5<br>DELIVERED<br>LUMENS | BUG    | EFFICACY<br>(LPW) | WATTAGE |
|--------------|---------------------------|--------|-------------------|---------------------------|--------|-------------------|---------------------------|--------|-------------------|---------|
| 4L40T_-MDL06 | 9670                      | B2U5G2 | 98.7              | 8780                      | B3U5G3 | 89.6              | 9005                      | B3U5G2 | 91.9              | 98      |
| 4L30T_-MDL06 | 9365                      | B2U5G2 | 95.6              | 8505                      | B3U5G3 | 86.8              | 8720                      | B3U5G2 | 89.0              | 98      |
| 4L27T_-MDL06 | 8515                      | B2U5G2 | 86.9              | 7730                      | B3U5G3 | 78.9              | 7930                      | B3U5G2 | 80.9              | 98      |
| 4L40T_-MDL05 | 7970                      | B2U5G2 | 106.3             | 7300                      | B3U5G3 | 97.3              | 7380                      | B3U5G2 | 98.4              | 75      |
| 4L30T_-MDL05 | 7720                      | B2U5G2 | 102.9             | 7070                      | B3U5G3 | 94.3              | 7150                      | B3U5G2 | 95.3              | 75      |
| 4L27T_-MDL05 | 7020                      | B2U5G2 | 93.6              | 6430                      | B3U5G3 | 85.7              | 6500                      | B3U5G2 | 86.7              | 75      |
| 4L40T_-MDL03 | 6250                      | B2U5G2 | 113.6             | 5735                      | B2U5G2 | 104.3             | 8765                      | B3U5G2 | 159.4             | 55      |
| 4L30T_-MDL03 | 6055                      | B2U5G2 | 110.1             | 5555                      | B2U5G2 | 101.0             | 8490                      | B3U5G2 | 154.4             | 55      |
| 4L27T_-MDL03 | 5505                      | B2U5G2 | 100.1             | 5050                      | B2U5G2 | 91.8              | 7720                      | B3U5G2 | 140.4             | 55      |
| 4L40T_-MDL02 | 4620                      | B1U5G2 | 115.5             | 4250                      | B2U5G2 | 106.3             | 4265                      | B2U5G1 | 106.6             | 40      |
| 4L30T_-MDL02 | 4475                      | B1U5G2 | 111.9             | 4115                      | B2U5G2 | 102.9             | 4130                      | B2U5G1 | 103.3             | 40      |
| 4L27T_-MDL02 | 4070                      | B1U5G2 | 101.8             | 3740                      | B2U5G2 | 93.5              | 3755                      | B2U5G1 | 93.9              | 40      |

Fitters



**5P Fitter**

10-1/8" W x 10-3/8" H  
Fits 3" OD x 3" tall tenon/pole



**BD4 Fitter**

10-1/8" W x 10-1/8" H  
Fits 4" OD x 5" tall tenon/pole



**BD5 Fitter**

10-1/8" W x 10-1/4" H  
Fits 5" OD x 6" tall tenon/pole



**BD7 Fitter**

10-1/8" W x 11-3/4" H  
Fits 7" OD x 1" tall tenon/pole



**588 Fitter**

14-1/2" W x 14-1/4" H  
Fits 3" OD x 3" tall tenon/pole



**C2097 Fitter**

10" W x 3-1/4" H  
Fits 7" OD x 1" tall tenon/pole



**992 Utility Fitter**

10-1/2" W x 13-1/8" H  
Fits 3" OD x 3" tall tenon/pole



**991 Utility Fitter**

10-1/2" W x 13-1/8" H  
Fits 3" OD x 3" tall tenon/pole



**OL3 (or OL4) Fitter**

10-1/8" W x 10-3/8" H  
Fits 3" (or 4") OD x 3" tall tenon/pole



**990 (or 994) Utility Fitter**

10-1/2" W x 15-3/4" H  
Fits 3" (or 4") OD x 3" tall tenon/pole



**993 (or 995) Utility Fitter**

10-1/2" W x 15-3/4" H  
Fits 3" (or 4") OD x 3" tall tenon/pole



**73 (or 74) Fitter**

9-3/4" W x 13-1/4" H  
Fits 3" (or 4") OD x 4" tall tenon/pole

Options



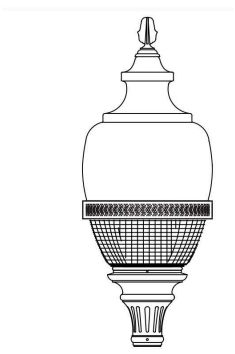
Twist-Lock Ring (TL)



Button Photocell (PEC)



Cast Decorative Ring (CDR)



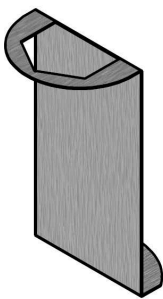
Perforated Brass Decorative Ring (PBDR)



Fixed Dimming Resistor Board (FDRB)



Double Fuse Holder & (2) 3A Fuses (FHD)



House Side Shield (HSS)



NEMA Receptacle Shorting Cap (SC)

Utility Fitter Details

Optional Accessories

990 Utility Fitter

