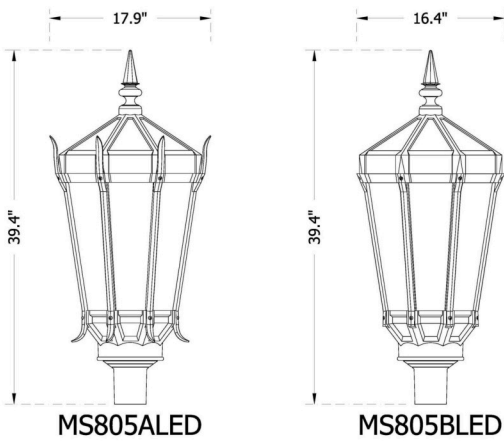


Project Name

Qty

Type

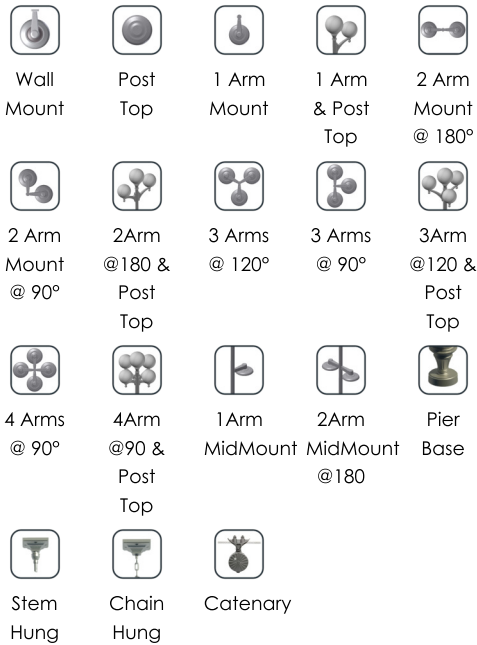
Catalog / Part Number



Certifications



Mounting Configuration



Technologies



Description

The MS805ALED or MS805BLED Main Street luminaire is a large scale modern replica of a popular styled octagonal fixture. Available with spikes (A) or without spikes (B). The cast aluminum hinged roof is appointed with a spiked finial. The lantern includes individual tapered lenses offered in a variety of styles.

**EPA: 2.46 (ft²) | WEIGHT: 55 LBS**

Features

|                        |                                                        |                                   |
|------------------------|--------------------------------------------------------|-----------------------------------|
| Mounting Configuration | <b>1W:</b> Wall Mount                                  | <b>PT:</b> Post Top               |
|                        | <b>1A:</b> 1 Arm Mount                                 | <b>1APT:</b> 1 Arm & Post Top     |
|                        | <b>2A:</b> 2 Arm Mount @ 180°                          | <b>2A90:</b> 2 Arm Mount @ 90°    |
|                        | <b>2APT:</b> 2Arm @180 & Post Top                      | <b>3A:</b> 3 Arms @ 120°          |
|                        | <b>3A90:</b> 3 Arms @ 90°                              | <b>3APT:</b> 3Arm @120 & Post Top |
|                        | <b>4A:</b> 4 Arms @ 90°                                | <b>4APT:</b> 4Arm @90 & Post Top  |
|                        | <b>1AM:</b> 1Arm MidMount                              | <b>2AM:</b> 2Arm MidMount @180    |
|                        | <b>450PB:</b> Pier Base                                | <b>SH44:</b> Stem Hung            |
|                        | <b>CH44:</b> Chain Hung                                | <b>CAT:</b> Catenary              |
| Fixture                | <b>MS805ALED:</b> Post Top, with spikes                |                                   |
|                        | <b>MS805ALEDH:</b> Hanging, with spikes                |                                   |
|                        | <b>MS805BLED:</b> Post Top, without spikes             |                                   |
|                        | <b>MS805BLEDH:</b> Hanging, without spikes             |                                   |
| Fitter                 | <b>3:</b> Slip fit 3" OD x 3" tall tenon/pole          |                                   |
|                        | <b>BD4:</b> Slip fit 4" OD x 5" tall tenon/pole        |                                   |
|                        | <b>BD5:</b> Slip fit 5" OD x 6" tall tenon/pole        |                                   |
|                        | <b>6:</b> Slip fit 6" OD x 1" tall tenon/pole          |                                   |
|                        | <b>7:</b> Slip fit 7" OD x 1" tall tenon/pole          |                                   |
| Optional Control       | <b>PE:</b> Twist-Lock Photocontrol (120V-277V)         |                                   |
|                        | <b>PE4:</b> Twist-Lock Photocontrol (347V-480V)        |                                   |
|                        | <b>SC:</b> Shorting Cap                                |                                   |
|                        | <b>PEC:</b> Electronic Button Photocontrol (120V-277V) |                                   |
|                        | <b>PEC4:</b> Electronic Button Photocontrol (480V)     |                                   |

Finish



Black  
Textured



White  
Textured



Park  
Green  
Textured



Arch Med  
Bronze  
Tex



Dark  
Bronze  
Textured



Verde  
Green



Swedish  
Iron



Old World  
Gray Tex



Old Iron



Rust



Weathered  
Brown



Cedar



Weathered  
Black



Two Tone



Custom  
Match

CCT - Color Temp (K)



2,700K



3,000K



3,500K



4,000K



5,000K

Distribution Type



Type 2



Type 3



Type 4



Type 5

|                                       |                                                      |                           |
|---------------------------------------|------------------------------------------------------|---------------------------|
| Lens                                  | SV1: Flat SoftVue™ Light Diffused Acrylic            |                           |
|                                       | SV2: Flat SoftVue™ Moderate Diffused Acrylic         |                           |
|                                       | SV4: Flat SoftVue™ Maximum Diffused Acrylic          |                           |
|                                       | CTA: Clear Textured Acrylic                          |                           |
|                                       | CSA: Clear Seeded Acrylic                            |                           |
| PA: Prismatic Acrylic                 |                                                      |                           |
| Optional Control Receptacle           | R7: 7-Pin control receptacle only                    |                           |
| Optional Fuse                         | FHD: Double Fuse and Holder                          |                           |
| Optional Hangstraight                 | HSHS: Standard Horizontal Hangstraight, Spike Finial |                           |
|                                       | HSHN: Standard Horizontal Hangstraight, No Finial    |                           |
|                                       | HSHB: Standard Horizontal Hangstraight, Ball Finial  |                           |
|                                       | EZ: Vertical Hangstraight, Large, "EZ" Mount         |                           |
| Optional House Side Shield            | BLOC: Back Light Optical Control                     |                           |
| Optional Chimney                      | FHC: Frosted Hurricane Chimney                       |                           |
| Optional Internal Flat Lens           | SV1F: Light diffused internal flat lens              |                           |
|                                       | SV2F: Moderate diffused internal flat lens           |                           |
| Optional Fixed Dimming Resistor Board | FDRB: Fixed Dimming Resistor Board                   |                           |
| Finish                                | BKT: Black Textured                                  | WHT: White Textured       |
|                                       | PGT: Park Green Textured                             | ABZT: Arch Med Bronze Tex |
|                                       | DBT: Dark Bronze Textured                            | CM: Custom Match          |
|                                       | OI: Old Iron                                         | RT: Rust                  |
|                                       | WBR: Weathered Brown                                 | CD: Cedar                 |
|                                       | WBK: Weathered Black                                 | TT: Two Tone              |
|                                       | VG: Verde Green                                      | SI: Swedish Iron          |
|                                       | OWGT: Old World Gray Tex                             |                           |
|                                       |                                                      |                           |
|                                       |                                                      |                           |
|                                       |                                                      |                           |
|                                       |                                                      |                           |
|                                       |                                                      |                           |
|                                       |                                                      |                           |
| Light Source                          |                                                      |                           |
| LED                                   | 12L: 12 LEDs                                         | 16L: 16 LEDs              |
|                                       | 24L: 24 LEDs                                         | 32L: 32 LEDs              |
| CCT - Color Temp (K)                  | 27: 2,700K                                           | 30: 3,000K                |
|                                       | 35: 3,500K                                           | 40: 4,000K                |
|                                       | 50: 5,000K                                           |                           |
| Distribution Type                     | T2: Type 2                                           | T3: Type 3                |
|                                       | T4: Type 4                                           | T5: Type 5                |
| Driver                                | MDL008: 120V-277V, 80mA                              | MDH008: 347V-480V, 80mA   |
|                                       | MDL014: 120V-277V, 140mA                             | MDH014: 347V-480V, 140mA  |
|                                       | MDL016: 120V-277V, 160mA                             | MDH016: 347V-480V, 160mA  |
|                                       | MDL018: 120V-277V, 180mA                             | MDH018: 347V-480V, 180mA  |
|                                       | MDS48V: DC Solar, 48V                                |                           |
|                                       |                                                      |                           |

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Fixture                                                                                                                                                                                | Overall Drop Length (In Inches) <sup>(6)</sup> <sup>(7)</sup> | Fitter <sup>(1)</sup> <sup>(8)</sup>                                                                                                                                                                                                                            | LED                                                                                              | CCT - Color Temp (K)                                                                                            | Distribution Type                                                                        | Driver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Lens                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1W</b><br>Wall Mount<br><b>PT</b><br>Post Top <sup>(1)</sup><br><b>1A</b><br>1 Arm Mount<br><b>1APT</b><br>1 Arm & Post Top <sup>(1)</sup><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 <sup>(1)</sup><br><b>3A</b><br>3 Arms @ 120° <sup>(2)</sup><br><b>3A90</b><br>3 Arms @ 90°<br><b>3APT</b><br>3Arm @120 & Post Top <sup>(1)</sup> <sup>(2)</sup><br><b>4A</b><br>4 Arms @ 90°<br><b>4APT</b><br>4Arm @90 & Post Top <sup>(1)</sup><br><b>1AM</b><br>1Arm MidMount<br><b>2AM</b><br>2Arm MidMount @180<br><b>450PB</b><br>Pier Base <sup>(1)</sup> <sup>(3)</sup><br><b>SH44</b><br>Stem Hung <sup>(4)</sup><br><b>CH44</b><br>Chain Hung <sup>(4)</sup><br><b>CAT</b><br>Catenary <sup>(4)</sup> <sup>(5)</sup> | <b>MS805ALED</b><br>Post Top, with spikes<br><b>MS805ALEDH</b><br>Hanging, with spikes<br><b>MS805BLED</b><br>Post Top, without spikes<br><b>MS805BLEDH</b><br>Hanging, without spikes |                                                               | <b>3</b><br>Slip fit 3" OD x 3" tall tenon/pole<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>6</b><br>Slip fit 6" OD x 1" tall tenon/pole<br><b>7</b><br>Slip fit 7" OD x 1" tall tenon/pole | <b>12L</b><br>12 LEDs<br><b>16L</b><br>16 LEDs<br><b>24L</b><br>24 LEDs<br><b>32L</b><br>32 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>T2</b><br>Type 2<br><b>T3</b><br>Type 3<br><b>T4</b><br>Type 4<br><b>T5</b><br>Type 5 | <b>MDL008</b><br>120V-277V, 80mA <sup>(9)</sup><br><b>MDH008</b><br>347V-480V, 80mA <sup>(9)</sup><br><b>MDL014</b><br>120V-277V, 140mA <sup>(10)</sup><br><b>MDH014</b><br>347V-480V, 140mA <sup>(10)</sup><br><b>MDL016</b><br>120V-277V, 160mA <sup>(11)</sup><br><b>MDH016</b><br>347V-480V, 160mA <sup>(11)</sup><br><b>MDL018</b><br>120V-277V, 180mA <sup>(12)</sup><br><b>MDH018</b><br>347V-480V, 180mA <sup>(12)</sup><br><b>MDS48V</b><br>DC Solar, 48V <sup>(13)</sup> <sup>(14)</sup> | <b>SV1</b><br>Flat SoftVue™ Light Diffused Acrylic<br><b>SV2</b><br>Flat SoftVue™ Moderate Diffused Acrylic<br><b>SV4</b><br>Flat SoftVue™ Maximum Diffused Acrylic<br><b>CTA</b><br>Clear Textured Acrylic<br><b>CSA</b><br>Clear Seeded Acrylic<br><b>PA</b><br>Prismatic Acrylic |

Notes:

1. For use with Post Top fixture only.

2. Only available with a round profile pole.

3. For use with (3) fitter only

4. For use with hanging (H) fixture only.

5. Requires EZ hang-straight.

6. Required field for Stem or Chain Mounting Configuration.

7. Minimum 40" Overall Drop Length.
8. Use 3" fitter for arm applications.

9. 12L system only.

10. 12L or 24L system only.

11. 16L and 32L systems only.

12. 24L system only.

13. Not for use with R7, PEC and FDRB options.

14. Only available in 3,000K and 4,000K CCT.

How to Order

| Optional Control Receptacle <sup>(15)</sup> <sup>(16)</sup> <sup>(17)</sup> | Optional Control                                                                                                                                                                                                                                                                                                       | Optional Fuse <sup>(19)</sup>        | Optional Hangstraight <sup>(4)</sup>                                                                                                                                                                                                                                         | Optional House Side Shield <sup>(21)</sup> | Optional Chimney                        | Optional Internal Flat Lens                                                                                 | Optional Fixed Dimming Resistor Board <sup>(20)</sup> | Finish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>R7</b><br>7-Pin control receptacle only                                  | <b>PE</b><br>Twist-Lock Photocontrol (120V-277V) <sup>(18)</sup><br><br><b>PE4</b><br>Twist-Lock Photocontrol (347V-480V) <sup>(18)</sup><br><br><b>SC</b><br>Shorting Cap <sup>(18)</sup><br><br><b>PEC</b><br>Electronic Button Photocontrol (120V-277V)<br><br><b>PEC4</b><br>Electronic Button Photocontrol (480V) | <b>FHD</b><br>Double Fuse and Holder | <b>HS</b><br>Standard Horizontal Hangstraight, Spike Finial<br><br><b>HSN</b><br>Standard Horizontal Hangstraight, No Finial<br><br><b>HSB</b><br>Standard Horizontal Hangstraight, Ball Finial<br><br><b>EZ</b><br>Vertical Hangstraight, Large, "EZ" Mount <sup>(20)</sup> | <b>BLOC</b><br>Back Light Optical Control  | <b>FHC</b><br>Frosted Hurricane Chimney | <b>SV1F</b><br>Light diffused internal flat lens<br><br><b>SV2F</b><br>Moderate diffused internal flat lens | <b>FDRB</b><br>Fixed Dimming Resistor Board           | <b>BKT</b><br>Black Textured <sup>(22)</sup><br><br><b>WHT</b><br>White Textured <sup>(22)</sup><br><br><b>PGT</b><br>Park Green Textured <sup>(22)</sup><br><br><b>ABZT</b><br>Arch Med Bronze Tex <sup>(22)</sup><br><br><b>DBT</b><br>Dark Bronze Textured <sup>(22)</sup><br><br><b>CM</b><br>Custom Match <sup>(23)</sup><br><br><b>OI</b><br>Old Iron <sup>(23)</sup><br><br><b>RT</b><br>Rust <sup>(23)</sup><br><br><b>WBR</b><br>Weathered Brown <sup>(23)</sup><br><br><b>CD</b><br>Cedar <sup>(23)</sup><br><br><b>WBK</b><br>Weathered Black <sup>(23)</sup><br><br><b>TT</b><br>Two Tone <sup>(23)</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 |

Notes:

4. For use with hanging (H) fixture only.

15. Mounted on "HSH..." hangstraight or on roof in lieu of finial.

16. Not for use with FDRB.

17. Not for use with STEM, CHAIN, or EZ mounting style.

18. Requires control receptacle.
19. Ships loose for installation in base.

20. Not for use with R7.

21. Not for use with TS optic.

22. Smooth finishes are available upon request.

23. Custom colors require upcharge.

Specifications

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing            | The heavy wall permanent mold cast housing uses a low-copper aluminum 356 alloy for enhanced corrosion resistance and high tensile strength.                                                                                                                                                                                                                                                                                                                                                                                                               |
| Fitter             | <p>The fitter shall be heavy wall cast aluminum for high tensile strength. It includes 4 stainless steel Allen-head set screws for attachment to a pole/tenon.</p> <p><b>3</b> - Slip fit 3" OD x 3" tall tenon/pole</p> <p><b>BD4</b> - Slip fit 4" OD x 5" tall tenon/pole</p> <p><b>BD5</b> - Slip fit 5" OD x 6" tall tenon/pole</p> <p><b>6</b> - Slip fit 6" OD x 1" tall tenon/pole</p> <p><b>7</b> - Slip fit 7" OD x 1" tall tenon/pole</p>                                                                                                       |
| Recommended Arms   | <p>This luminaire pairs well with the variety of arms:</p> <p><b>480, 478, TA and 6236</b></p> <p>An assortment of alternate arms are available to suit any application.</p> <p>Build your assembly in Genesis to review different arm styles.</p>                                                                                                                                                                                                                                                                                                         |
| Hang-Straight      | <p>A hang-straight transition is required for most hanging mounting configurations.</p> <p>The Standard (<b>HS</b><b>Hx</b>) is an aluminum ball and swivel horizontal hang-straight. Available with a spike (<b>S</b>), a ball (<b>B</b>), or no finial (<b>N</b>). The hang-straight slips a <b>4" long by 2-3/8" OD</b> horizontal tenon.</p> <p>The (<b>EZ</b>) is a cast stainless steel ball and swivel vertical hang-straight. The special 2-part design allows for easy installation. It is factory installed under an arm and on the fixture.</p> |
| Catenary Mount     | <p>The Catenary mount option includes a cast aluminum span wire clamp, which accommodates cables <b>1/4"-5/8"</b> in diameter. Below the clamp is a decorative cast aluminum wire box and cover which transitions to the <b>EZ</b> vertical Hangstraight for fixture attachment.</p> <p><b>Aircraft Cable by others.</b></p>                                                                                                                                                                                                                               |
| Internal Lens      | <p>An optional internal diffusing lens can be added for visual comfort. Suggested for use with CSA lenses but can be used in addition to any other external lens.</p> <p>Optional (<b>SV1F</b>) light diffused acrylic flat horizontal lens.</p> <p>Optional (<b>SV2F</b>) moderate diffused acrylic flat horizontal lens.</p> <p>Optional (<b>SV4F</b>) maximum diffused acrylic flat horizontal lens.</p>                                                                                                                                                |
| Solar Power System | <p>Luminaire available for integration with solar platforms (<b>controller, panel, and batteries by others</b>) with a 48VDC (<b>MDS48V</b>) board configuration.</p> <p>Offered in 3,000K or 4,000K CCT</p> <p>Max drive current (mA) is based on the number of LEDs:</p> <p>12L = 720mA</p> <p>16L = 960mA</p> <p>24L = 1,680mA</p> <p>32L = 2,240mA</p> <p>Consult solar platform manufacturer to confirm compatibility with the voltages and system currents above.</p>                                                                                |
| 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> )                                                                                                                                                                                                                                                                                                                                                              |
| Lens               | <p>Optional glare reducing SoftVue™ lens provides optimal visual comfort.</p> <p>The luminaire is offered with a variety of optional acrylic lenses installed internally in the lantern, held in place with retaining bars. The individual panels are 1/8" thick and are precision cut for fit in the luminaire.</p>                                                                                                                                                                                                                                       |
| Serviceability     | Tool-less access to the driver compartment for ease of installation and maintenance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UL Listing         | <p>UL listed per UL1598 and CSA C22.2 No. 250.0 for the United States and Canada.</p> <p>Suitable for Wet Locations operating in an ambient temperature of up to 40°C (105°F)</p>                                                                                                                                                                                                                                                                                                                                                                          |

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                              | 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. Our system exceeds AAMA 2604, AAMA 2605, ASTM D523 and ASTM D4214 requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Traditional Finish                  | 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. Available finishes include: <b>Black, White, Park Green, Architectural Medium Bronze and Dark Bronze</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Sternberg Select Finish             | The Sternberg Select antique-inspired palette adds a touch of vintage elegance to modern applications. <b>Old World Gray Textured</b> is a 1 part powder coat with metallic flakes. <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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Custom Finish                       | Custom finishes are offered to adapt to any application. <b>Rust, Weathered Brown and Cedar</b> are special 1 part powder coat finishes with a distinctive look. <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. <b>Two-Tone and Custom Match</b> options are available to blend Sternberg product with the site, consult factory for more information.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Warranty                            | 7-year limited warranty. See Website for Terms and Conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEDs                                | <p>The LEDs in this system will be fully shielded in a direct downward position to maximize efficiency.</p> <p>The LEDs are mounted to maximize thermal transfer to the heat sink surface. 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 LEDs will have a predicted lumen depreciation of approximately 100,000 hours with greater than 70% of initial output. The high brightness, high-output white LEDs shall be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT). Photometrics comply with LM79 testing standards.</p> <p><b>CCT Lumen Derate Values from 4,000K</b></p> <p>2,700K (70+ CRI)=<b>.85</b><br/>3,000K (70+ CRI)=<b>.92</b><br/>3,500K (70+ CRI)=<b>1.00</b><br/>5,000K (70+ CRI)=<b>1.00</b></p> <p><b>Consult factory for custom correlated color temperature (CCT) or color rendering index (CRI).</b></p> |
| Optics                              | The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type ____ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Backlight Optical Control           | <b>BLOC Optic (BLOC):</b> An optional "Back Light Optical Control" shield can be provided at the factory. This is an internal optic level "House Side Shield" offering significantly reduced backlight and glare while maintaining the original design aesthetics of the luminaire.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Frosted Chimney                     | An optional hourglass shaped opal glass Hurricane Chimney sits a top a decorative brass holder. This ornate feature adds a decorative element inside the lens to create a classic look.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 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

**Button Photocell:** 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.

**Twist-Lock Style (Hangstraight Mount):** The photocontrol shall be mounted externally on the hangstraight and pre-wired to driver. 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 turn-off at 2-3 footcandles.

If an **R7** is specified alongside a **BALL** or **SPIKE** style finial on hang-straight, a decorative cap (with window) is included to cover a **STANDARD** photocell. Use the **NO FINIAL** hangstraight option if the **R7** is used with a **WIRELESS CONTROLLER**.

**Twist-Lock Style (Roof Mount):** The photocontrol shall be mounted on the roof and prewired to driver. 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.

Lumen Chart(s)

Tested with CSA lens

| Model #        | T2<br>DELIVERED<br>LUMENS | BUG    | EFFICACY<br>(LPW) | 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 |
|----------------|---------------------------|--------|-------------------|---------------------------|--------|-------------------|---------------------------|--------|-------------------|---------------------------|--------|-------------------|---------|
| 32L40T_-MDL016 | 12785                     | B3U3G3 | 95.4              | 12860                     | B3U3G3 | 96.0              | 13470                     | B3U3G3 | 100.5             | 14105                     | B4U3G2 | 105.3             | 134     |
| 32L30T_-MDL016 | 11800                     | B3U3G3 | 88.1              | 11870                     | B3U3G3 | 88.6              | 12435                     | B3U3G3 | 92.8              | 13020                     | B4U3G2 | 97.2              | 134     |
| 32L27T_-MDL016 | 10820                     | B3U3G3 | 80.7              | 10880                     | B3U3G3 | 81.2              | 11400                     | B3U3G3 | 85.1              | 11935                     | B4U3G2 | 89.1              | 134     |
| 24L40T_-MDL018 | 10595                     | B2U3G2 | 91.3              | 10765                     | B3U3G3 | 92.8              | 11315                     | B3U3G3 | 97.5              | 11870                     | B3U3G2 | 102.3             | 116     |
| 24L30T_-MDL018 | 9780                      | B2U3G2 | 84.3              | 9935                      | B3U3G3 | 85.6              | 10445                     | B3U3G3 | 90.0              | 10955                     | B3U3G2 | 94.4              | 116     |
| 24L27T_-MDL018 | 8965                      | B2U3G2 | 77.3              | 9110                      | B3U3G3 | 78.5              | 9575                      | B3U3G3 | 82.5              | 10045                     | B3U3G2 | 86.6              | 116     |
| 24L40T_-MDL014 | 8515                      | B2U3G2 | 97.9              | 8635                      | B2U3G3 | 99.3              | 9080                      | B2U2G2 | 104.4             | 9545                      | B3U3G2 | 109.7             | 87      |
| 24L30T_-MDL014 | 7860                      | B2U3G2 | 90.3              | 7970                      | B2U3G3 | 91.6              | 8380                      | B2U2G2 | 96.3              | 8810                      | B3U3G2 | 101.3             | 87      |
| 24L27T_-MDL014 | 7205                      | B2U3G2 | 82.8              | 7305                      | B2U3G3 | 84.0              | 7685                      | B2U2G2 | 88.3              | 8075                      | B3U3G2 | 92.8              | 87      |
| 16L40T_-MDL016 | 6570                      | B2U3G2 | 96.6              | 6530                      | B2U2G2 | 96.0              | 6720                      | B3U2G3 | 98.8              | 7070                      | B3U2G1 | 104.0             | 68      |
| 16L30T_-MDL016 | 6065                      | B2U3G2 | 89.2              | 6030                      | B2U2G2 | 88.7              | 6205                      | B3U2G3 | 91.3              | 6525                      | B3U2G1 | 96.0              | 68      |
| 16L27T_-MDL016 | 5560                      | B2U3G2 | 81.8              | 5525                      | B2U2G2 | 81.3              | 5685                      | B3U2G3 | 83.6              | 5980                      | B3U2G1 | 87.9              | 68      |
| 12L40T_-MDL014 | 4410                      | B1U2G1 | 95.9              | 4375                      | B1U2G2 | 95.1              | 4735                      | B1U2G1 | 102.9             | 4885                      | B2U2G1 | 106.2             | 46      |
| 12L30T_-MDL014 | 4070                      | B1U2G1 | 88.5              | 4040                      | B1U2G2 | 87.8              | 4370                      | B1U2G1 | 95.0              | 4510                      | B2U2G1 | 98.0              | 46      |
| 12L27T_-MDL014 | 3730                      | B1U2G1 | 81.1              | 3700                      | B1U2G2 | 80.4              | 4005                      | B1U2G1 | 87.1              | 4135                      | B2U2G1 | 89.9              | 46      |
| 12L40T_-MDL008 | 2685                      | B1U2G1 | 99.4              | 2670                      | B1U2G1 | 98.9              | 2875                      | B1U1G1 | 106.5             | 2990                      | B2U2G1 | 110.7             | 27      |
| 12L30T_-MDL008 | 2480                      | B1U2G1 | 91.9              | 2465                      | B1U2G1 | 91.3              | 2655                      | B1U1G1 | 98.3              | 2760                      | B2U2G1 | 102.2             | 27      |
| 12L27T_-MDL008 | 2270                      | B1U2G1 | 84.1              | 2260                      | B1U2G1 | 83.7              | 2435                      | B1U1G1 | 90.2              | 2530                      | B2U2G1 | 93.7              | 27      |

Options

Fixed Dimming Resistor Board  
(FDRB)

Frosted Hurricane Chimney, Opal  
Glass (FHC)

7-Pin NEMA Twist-Lock Receptacle  
and Photocell  
(R7-PE)

Button Photocell (PEC/PEC4)

Hangstraight

Horizontal Hang-straight's slip fit 4" long by 2-3/8" OD horizontal tenon



Standard Horizontal Hangstraight, Spike Finial (HSHS)



Standard Horizontal Hangstraight, Ball Finial (HSHB)

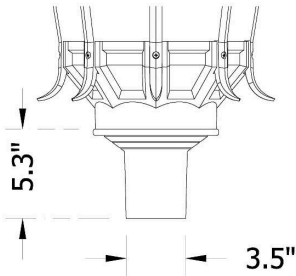


Standard Horizontal Hangstraight, No Finial (HSHN)

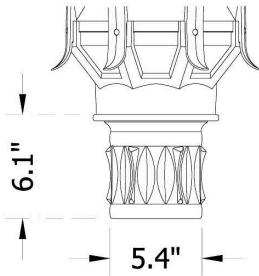


"EZ" Vertical hangstraight (EZ)

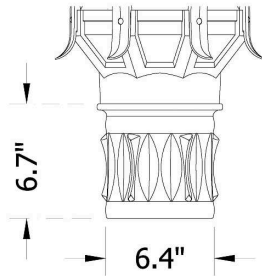
Fitters



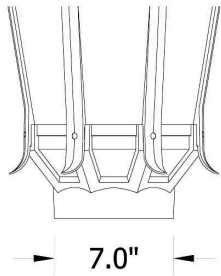
(3)  
Slip fit 3" OD x 3" tall tenon/pole



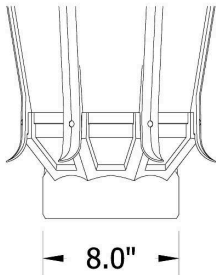
(BD4)  
Slip fit 4" OD x 5" tall tenon/pole



(BD5)  
Slip fit 5" OD x 6" tall tenon/pole

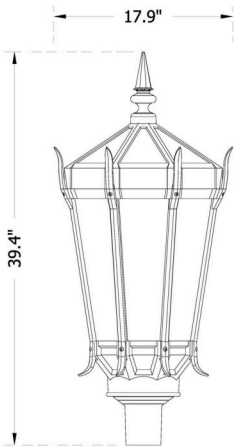


(6)  
Slip fit 6" OD x 1" tall tenon/pole

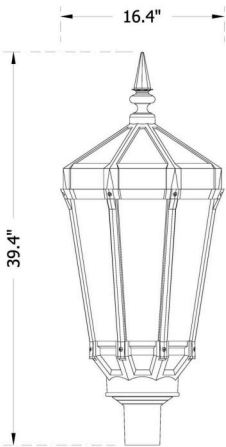


(7)  
Slip fit 7" OD x 1" tall tenon/pole

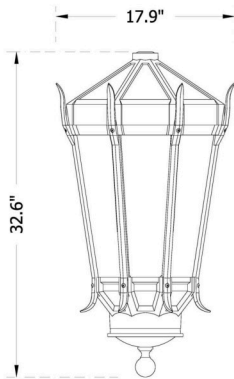
Dimensions



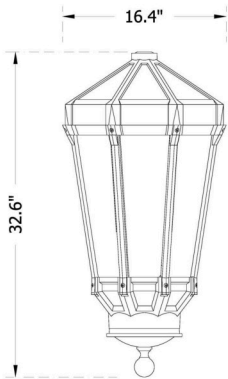
Post Top, With Spikes, "3" fitter  
(MS805ALED-3)



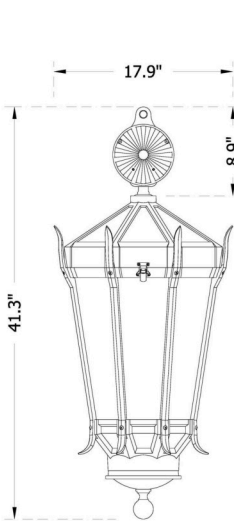
Post Top, Without Spikes, "3" fitter  
(MS805BLED-3)



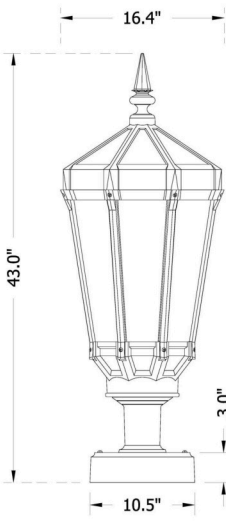
Hanging, With Spikes  
(MS805ALEDH)



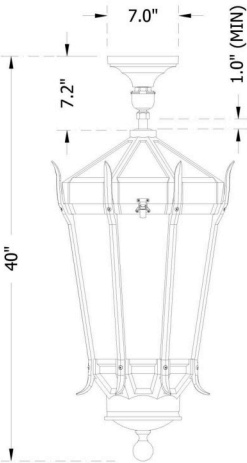
Hanging, Without Spikes  
(MS805BLEDH)



Catenary Mount  
(CAT)



Pier Base  
(450PB)



Stem Hung/Chain Hung (SH44/CH44)

Recommended Arms

An assortment of alternate arms are also available



(480) Arm



(478) Arm



(6236) Arm



(TA) Arm