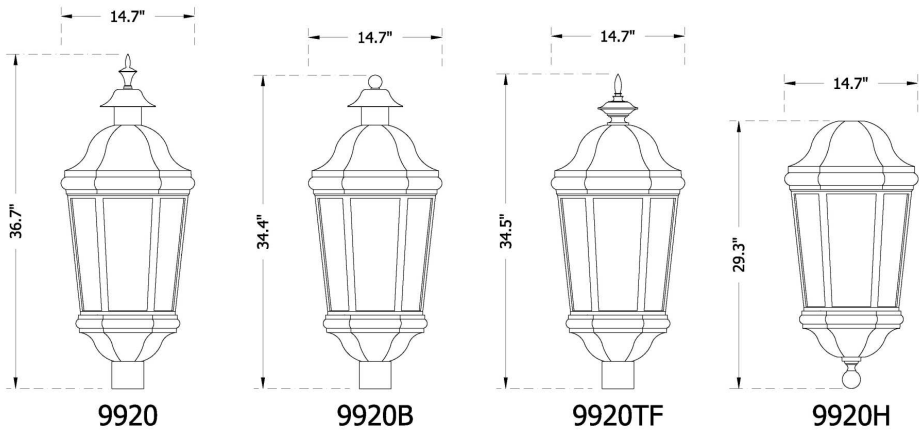


Project Name

Qty

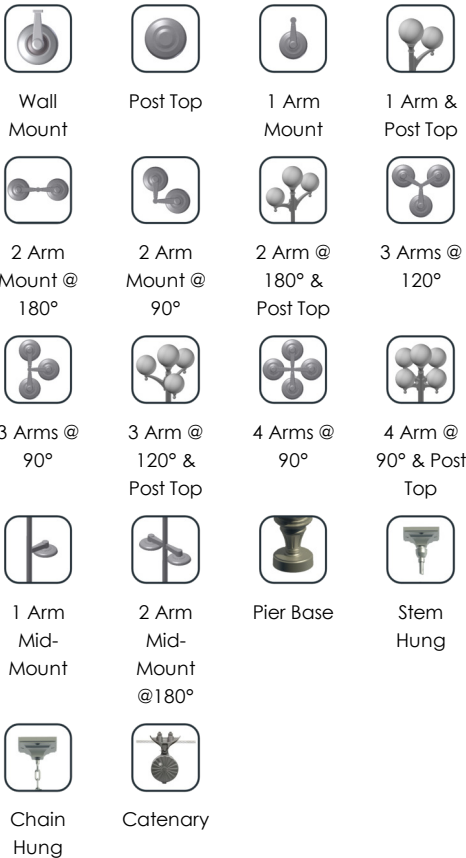
Type

Catalog / Part Number



| Certifications                                                                                                                                                     | Description                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | The 9920 VCOB Gettysburg series is a medium scale classically detailed six sided lantern with a tapering six sided cage. The cast aluminum decorative hinged roof is offered with a variety of finials. |

Mounting Configuration



Features

Mounting Configuration

EPA: .99 (ft²) | WEIGHT: 28 LBS

- 1W: Wall Mount
- PT: Post Top
- 1A: 1 Arm Mount
- 1APT: 1 Arm & Post Top
- 2A: 2 Arm Mount @ 180°
- 2A90: 2 Arm Mount @ 90°
- 2APT: 2 Arm @ 180° & Post Top
- 3A: 3 Arms @ 120°
- 3A90: 3 Arms @ 90°
- 3APT: 3 Arm @ 120° & Post Top
- 4A: 4 Arms @ 90°
- 4APT: 4 Arm @ 90° & Post Top
- 1AM: 1 Arm Mid-Mount
- 2AM: 2 Arm Mid-Mount @ 180°
- 450PB: Pier Base
- SH44: Stem Hung
- CH44: Chain Hung
- CAT: Catenary

Optional Control Receptacle

R7: 7-Pin control receptacle only

Optional Control

- PE: Twist-Lock Photocontrol (120V-277V)
- PE4: Twist-Lock Photocontrol (347V-480V)
- SC: Shorting Cap
- PEC: Electronic Button Photocontrol (120V-277V)
- PEC4: Electronic Button Photocontrol (480V)

Optional Fuse

FHD: Double Fuse and Holder

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  
Symmetric



Type  
Asymmetric



Symmetric  
with  
Moderate  
Diffused  
Acrylic  
Cylinder  
Lens



Symmetric  
with  
Maximum  
Diffused  
Acrylic  
Cylinder  
Lens

|                       |                                                                                                                                                                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Optional Hangstraight | <b>HS</b> HS: Standard Horizontal Hangstraight, Spike Finial<br><b>HSN</b> : Standard Horizontal Hangstraight, No Finial<br><b>HSB</b> : Standard Horizontal Hangstraight, Ball Finial<br><b>EZ</b> : Vertical Hangstraight, Large, "EZ" Mount |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                            |                                     |
|----------------------------|-------------------------------------|
| Optional House Side Shield | <b>HSS</b> : 120° House Side Shield |
|----------------------------|-------------------------------------|

|                                       |                                            |
|---------------------------------------|--------------------------------------------|
| Optional Fixed Dimming Resistor Board | <b>FDRB</b> : Fixed Dimming Resistor Board |
|---------------------------------------|--------------------------------------------|

|         |                                                                                                                                                                   |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fixture | <b>9920</b> : Gettysburg, Spike Cupola<br><b>9920B</b> : Gettysburg, Ball Cupola<br><b>9920TF</b> : Gettysburg, Tall Finial<br><b>9920H</b> : Gettysburg, Hanging |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|      |                                                                                                                                                                                                                                                                               |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lens | <b>CSA</b> : Clear Seeded Acrylic<br><b>CTA</b> : Clear Textured Acrylic<br><b>PA</b> : Prismatic Acrylic<br><b>SV1</b> : Flat SoftVue™ Light Diffused Acrylic<br><b>SV2</b> : Flat SoftVue™ Moderate Diffused Acrylic<br><b>SV4</b> : Flat SoftVue™ Maximum Diffused Acrylic |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Finish | <b>BKT</b> : Black Textured<br><b>WHT</b> : White Textured<br><b>PGT</b> : Park Green Textured<br><b>ABZT</b> : Arch Med Bronze Tex<br><b>DBT</b> : Dark Bronze Textured<br><b>VG</b> : Verde Green<br><b>SI</b> : Swedish Iron<br><b>OWGT</b> : Old World Gray Tex<br><b>OI</b> : Old Iron<br><b>RT</b> : Rust<br><b>WBR</b> : Weathered Brown<br><b>CD</b> : Cedar<br><b>WBK</b> : Weathered Black<br><b>TT</b> : Two Tone<br><b>CM</b> : Custom Match |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                      |                         |                    |
|----------------------|-------------------------|--------------------|
| Light Source         | <b>VCOB-4L</b> : 4 LEDs |                    |
| LED                  |                         |                    |
| CCT - Color Temp (K) | <b>27</b> : 2,700K      | <b>30</b> : 3,000K |
|                      | <b>35</b> : 3,500K      | <b>40</b> : 4,000K |
|                      | <b>50</b> : 5,000K      |                    |

|                   |                                                                                                                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Distribution Type | <b>TS</b> : Type Symmetric<br><b>TA</b> : Type Asymmetric<br><b>TSSV2</b> : Symmetric with Moderate Diffused Acrylic Cylinder Lens<br><b>TSSV4</b> : Symmetric with Maximum Diffused Acrylic Cylinder Lens |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                        |                                 |                                 |
|------------------------|---------------------------------|---------------------------------|
| Electrical and control |                                 |                                 |
| Driver                 | <b>MDL02</b> : 120V-277V, 250mA | <b>MDH02</b> : 347V-480V, 250mA |
|                        | <b>MDL03</b> : 120V-277V, 350mA | <b>MDH03</b> : 347V-480V, 350mA |
|                        | <b>MDL05</b> : 120V-277V, 500mA | <b>MDH05</b> : 347V-480V, 500mA |

How to Order

| Mounting Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Overall Drop Length (Inches) <sup>(5)</sup> | Fixture                                                                                                                                                               | 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>2 Arm @ 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>3 Arm @ 120° & Post Top <sup>(1)</sup> <sup>(2)</sup><br><b>4A</b><br>4 Arms @ 90°<br><b>4APT</b><br>4 Arm @ 90° & Post Top <sup>(1)</sup><br><b>1AM</b><br>1 Arm Mid-Mount<br><b>2AM</b><br>2 Arm Mid-Mount @180°<br><b>450PB</b><br>Pier Base <sup>(1)</sup><br><b>SH44</b><br>Stem Hung <sup>(3)</sup><br><b>CH44</b><br>Chain Hung <sup>(3)</sup><br><b>CAT</b><br>Catenary <sup>(3)</sup> <sup>(4)</sup> |                                             | <b>9920</b><br>Gettysburg, Spike Cupola<br><b>9920B</b><br>Gettysburg, Ball Cupola<br><b>9920TF</b><br>Gettysburg, Tall Finial<br><b>9920H</b><br>Gettysburg, Hanging | <b>VCOB-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>TS</b><br>Type Symmetric<br><b>TA</b><br>Type Asymmetric<br><b>TSSV2</b><br>Symmetric with Moderate Diffused Acrylic Cylinder Lens<br><b>TSSV4</b><br>Symmetric with Maximum Diffused Acrylic Cylinder Lens | <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 | <b>CSA</b><br>Clear Seeded Acrylic<br><b>CTA</b><br>Clear Textured Acrylic<br><b>PA</b><br>Prismatic Acrylic<br><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 |

- Notes:
1. For use with Post Top fixture only.

2. Only available with a round profile pole.

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

4. Requires EZ hang-straight.

5. Minimum 36" Overall Drop Length.

How to Order

| Optional Control Receptacle <sup>(6)</sup> <sup>(7)</sup> <sup>(8)</sup> | Optional Control                                                                                                                                                                                                                                                                                                                                                                    | Optional Fuse <sup>(12)</sup>        | Optional Hangstraight <sup>(3)</sup>                                                                                                                                                                                                                          | Optional House Side Shield <sup>(13)</sup> | Optional Fixed Dimming Resistor Board <sup>(10)</sup> | Finish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>R7</b><br>7-Pin control receptacle only                               | <b>PE</b><br>Twist-Lock Photocontrol (120V-277V) <sup>(9)</sup><br><br><b>PE4</b><br>Twist-Lock Photocontrol (347V-480V) <sup>(9)</sup><br><br><b>SC</b><br>Shorting Cap <sup>(9)</sup><br><br><b>PEC</b><br>Electronic Button Photocontrol (120V-277V) <sup>(10)</sup> <sup>(11)</sup><br><br><b>PEC4</b><br>Electronic Button Photocontrol (480V) <sup>(10)</sup> <sup>(11)</sup> | <b>FHD</b><br>Double Fuse and Holder | <b>SHS</b><br>Standard Horizontal Hangstraight, Spike Finial<br><br><b>SHN</b><br>Standard Horizontal Hangstraight, No Finial<br><br><b>SHB</b><br>Standard Horizontal Hangstraight, Ball Finial<br><br><b>EZ</b><br>Vertical Hangstraight, Large, "EZ" Mount | <b>HSS</b><br>120° House Side Shield       | <b>FDRB</b><br>Fixed Dimming Resistor Board           | <b>BKT</b><br>Black Textured <sup>(14)</sup><br><br><b>WHT</b><br>White Textured <sup>(14)</sup><br><br><b>PGT</b><br>Park Green Textured <sup>(14)</sup><br><br><b>ABZT</b><br>Arch Med Bronze Tex <sup>(14)</sup><br><br><b>DBT</b><br>Dark Bronze Textured <sup>(14)</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>(15)</sup><br><br><b>RT</b><br>Rust <sup>(15)</sup><br><br><b>WBR</b><br>Weathered Brown <sup>(15)</sup><br><br><b>CD</b><br>Cedar <sup>(15)</sup><br><br><b>WBK</b><br>Weathered Black <sup>(15)</sup><br><br><b>TT</b><br>Two Tone <sup>(15)</sup><br><br><b>CM</b><br>Custom Match <sup>(15)</sup> |

Notes:

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

6. Not for use with FDRB.

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

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

9. Requires control receptacle.

10. Not for use with R7.

11. Not available for MD\_05.

12. Ships loose for installation in base.

13. Not for use with TS, TSSV2 and TSSV4 optics.

14. Smooth finishes are available upon request.

15. Custom colors require upcharge.

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specifications          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Housing                 | The heavy wall sand cast housing uses a low-copper aluminum 356 alloy for enhanced corrosion resistance and high tensile strength.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Fitter                  | The aluminum fitter Includes 4 stainless steel Allen-head set screws for attachment to a pole/tenon, and shall slip fit a 3" OD x 3" tall tenon.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Hang-Straight           | <p>A hang-straight transition is required for most hanging mounting configurations.</p> <p>The Standard (<b>HSX</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>When using asymmetric distribution 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>TSSV2</b>) moderate diffused acrylic cylinder lens.</p> <p>Optional (<b>TSSV4</b>) maximum diffused acrylic cylinder lens.</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 lantern includes a variety of 1/8" thick lenses installed internally to the body and held in place with aluminum clips.</p> <p><b>(CSA)</b> Clear Seeded Acrylic</p> <p><b>(CTA)</b> Clear Textured Acrylic</p> <p><b>(SV1)</b> Soft Vue Light Diffused Acrylic</p> <p><b>(SV2)</b> Soft Vue Moderate Diffused Acrylic</p> <p><b>(SV4)</b> Soft Vue Maximum Diffused Acrylic</p> <p><b>(PA)</b> Prismatic Acrylic</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                       | Custom finishes are offered to adapt to any application.<br><b>Rust, Weathered Brown and Cedar</b> are special 1 part powder coat finishes with a distinctive look.<br><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.<br><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                                | The LEDs in this system will be mounted vertically. They fully illuminate the luminaire and allow some up-light for vertical illumination.<br><br>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).<br><b>CCT Lumen Derate Values from 4,000K</b><br>2,700K (80+ CRI)= <b>.88</b><br>3,000K (70+ CRI)= <b>.97</b><br>3,500K (80+ CRI)= <b>.93</b><br>5,000K (70+ CRI)= <b>1.01</b> |
| Optics                              | The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type ____ (Symmetric or Asymmetric) light distribution. 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                       | <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.<br><br><b>Twist-Lock Style (Roof Mount):</b> 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.<br><br><b>Twist-Lock Style (Hangstraight Mount):</b> 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.<br><br>If an <b>R7</b> is specified alongside a <b>BALL</b> or <b>SPIKE</b> style finial on hang-straight, a decorative cap (with window) is included to cover a <b>STANDARD</b> photocell. Use the <b>NO FINIAL</b> hangstraight option if the <b>R7</b> is used with a <b>WIRELESS CONTROLLER</b> .                                                                                                                                                                                                                                         |

Lumen Chart(s)

| Tested with CSA lens |                           |        |                   |                           |        |                   |                              |        |                   |                              |        |                   |         |
|----------------------|---------------------------|--------|-------------------|---------------------------|--------|-------------------|------------------------------|--------|-------------------|------------------------------|--------|-------------------|---------|
| Model #              | TS<br>DELIVERED<br>LUMENS | BUG    | EFFICACY<br>(LPW) | TA<br>DELIVERED<br>LUMENS | BUG    | EFFICACY<br>(LPW) | TSSV2<br>DELIVERED<br>LUMENS | BUG    | EFFICACY<br>(LPW) | TSSV4<br>DELIVERED<br>LUMENS | BUG    | EFFICACY<br>(LPW) | WATTAGE |
| 4L40T_-MDL05         | 7210                      | B3U3G3 | 92.4              | 6955                      | B2U3G3 | 89.2              | 5570                         | B2U5G3 | 71.4              | 4730                         | B2U5G3 | 60.6              | 78      |
| 4L30T_-MDL05         | 7025                      | B3U3G3 | 90.1              | 6780                      | B2U3G3 | 86.9              | 5430                         | B2U5G3 | 69.6              | 4610                         | B2U5G3 | 59.1              | 78      |
| 4L27T_-MDL05         | 6385                      | B3U3G3 | 81.9              | 6160                      | B2U3G3 | 79.0              | 4930                         | B2U5G3 | 63.2              | 4190                         | B2U5G3 | 53.7              | 78      |
| 4L40T_-MDL03         | 5285                      | B3U3G2 | 99.7              | 5125                      | B2U3G3 | 96.7              | 4085                         | B2U5G3 | 77.1              | 3470                         | B1U5G3 | 65.5              | 53      |
| 4L30T_-MDL03         | 5150                      | B3U3G2 | 97.2              | 4995                      | B2U3G3 | 94.2              | 3980                         | B2U5G3 | 75.1              | 3380                         | B1U5G3 | 63.8              | 53      |
| 4L27T_-MDL03         | 4680                      | B3U3G2 | 88.3              | 4535                      | B2U3G3 | 85.6              | 3615                         | B2U5G3 | 68.2              | 3070                         | B1U5G3 | 57.9              | 53      |
| 4L40T_-MDL02         | 3860                      | B2U3G2 | 101.6             | 3770                      | B1U3G2 | 99.2              | 2995                         | B1U4G2 | 78.8              | 2535                         | B1U4G2 | 66.7              | 38      |
| 4L30T_-MDL02         | 3760                      | B2U3G2 | 98.9              | 3675                      | B1U3G2 | 96.7              | 2920                         | B1U4G2 | 76.8              | 2470                         | B1U4G2 | 65.0              | 38      |
| 4L27T_-MDL02         | 3415                      | B2U3G2 | 89.9              | 3340                      | B1U3G2 | 87.9              | 2650                         | B1U4G2 | 69.7              | 2245                         | B1U4G2 | 59.1              | 38      |

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)

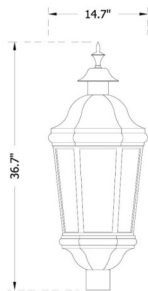


Standard Horizontal Hangstraight, No Finial (HSHN)

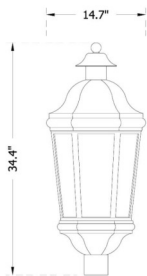


"EZ" Vertical hangstraight (EZ)

Dimensions



Gettysburg, Spike Cupola (9920)



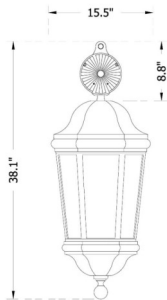
Gettysburg, Ball Cupola (9920B)



Gettysburg, Tall Finial (9920TF)



Gettysburg, Hanging (9920H)



Catenary Mount (CAT)



Stem Hung (SH44)



Pier Base (450PB-9920)

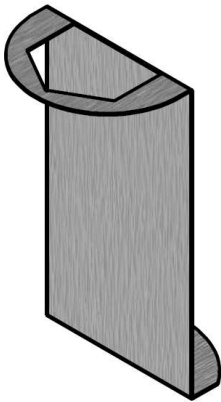
Options



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



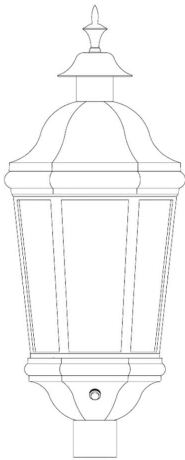
Fixed Dimming Resistor Board  
**(FDRB)**



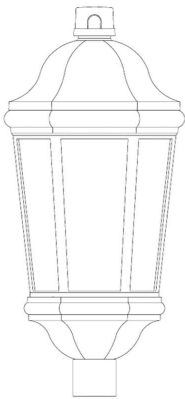
House Side Shield **(HSS)**



Diffusing Internal Lens  
**(TSSV2/TSSV4)**



Button Photocell  
**(PEC/PEC4)**



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