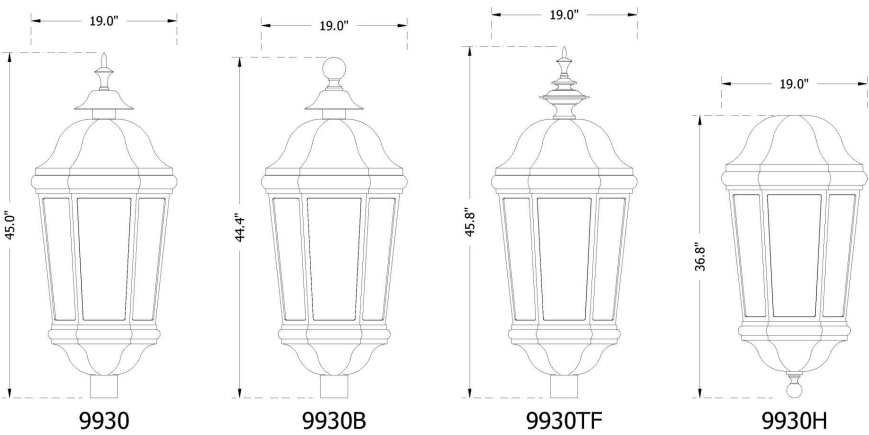


Project Name

Qty

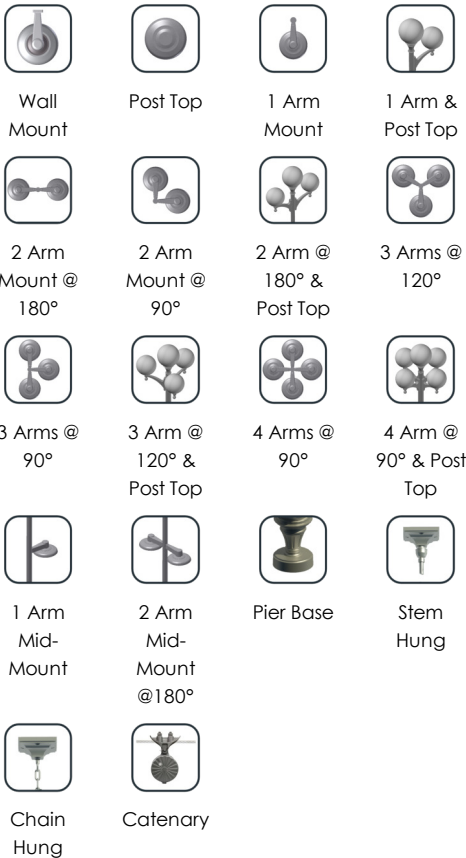
Type

Catalog / Part Number



Certifications	Description
	The 9930 VCOB Gettysburg series is a large 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: 2.46 (#²) | WEIGHT: 55 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	HSHS: Standard Horizontal Hangstraight, Spike Finial HSHN: Standard Horizontal Hangstraight, No Finial HSHB: Standard Horizontal Hangstraight, Ball Finial EZ: Vertical Hangstraight, Large, "EZ" Mount
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Optional House Side Shield	HSS: 120° House Side Shield
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Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board
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Fixture	9930: Gettysburg, Spike Cupola 9930B: Gettysburg, Ball Cupola 9930TF: Gettysburg, Tall Finial 9930H: Gettysburg, Hanging
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Lens	CSA: Clear Seeded Acrylic CTA: Clear Textured Acrylic PA: Prismatic Acrylic SV1: Flat SoftVue™ Light Diffused Acrylic SV2: Flat SoftVue™ Moderate Diffused Acrylic SV4: Flat SoftVue™ Maximum Diffused Acrylic
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Finish	BKT: Black Textured WHT: White Textured PGT: Park Green Textured ABZT: Arch Med Bronze Tex DBT: Dark Bronze Textured VG: Verde Green SI: Swedish Iron OWGT: Old World Gray Tex OI: Old Iron RT: Rust WBR: Weathered Brown CD: Cedar WBK: Weathered Black TT: Two Tone CM: Custom Match
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Light Source	
LED	VCOB-4L: 4 LEDs
CCT - Color Temp (K)	27: 2,700K 35: 3,500K 50: 5,000K

Distribution Type	TS: Type Symmetric TA: Type Asymmetric TSSV2: Symmetric with Moderate Diffused Acrylic Cylinder Lens TSSV4: Symmetric with Maximum Diffused Acrylic Cylinder Lens
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Electrical and control	
Driver	MDL02: 120V-277V, 250mA MDL03: 120V-277V, 350mA MDL05: 120V-277V, 500mA
	MDH02: 347V-480V, 250mA MDH03: 347V-480V, 350mA MDH05: 347V-480V, 500mA

How to Order

Mounting Configuration	Overall Drop Length (Inches) ⁽⁵⁾ ⁽⁶⁾	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
1W Wall Mount PT Post Top ⁽¹⁾ 1A 1 Arm Mount 1APT 1 Arm & Post Top ⁽¹⁾ 2A 2 Arm Mount @ 180° 2A90 2 Arm Mount @ 90° 2APT 2 Arm @ 180° & Post Top ⁽¹⁾ 3A 3 Arms @ 120° ⁽²⁾ 3A90 3 Arms @ 90° 3APT 3 Arm @ 120° & Post Top ⁽¹⁾ ⁽²⁾ 4A 4 Arms @ 90° 4APT 4 Arm @ 90° & Post Top ⁽¹⁾ 1AM 1 Arm Mid-Mount 2AM 2 Arm Mid-Mount @180° 450PB Pier Base ⁽¹⁾ SH44 Stem Hung ⁽³⁾ CH44 Chain Hung ⁽³⁾ CAT Catenary ⁽³⁾ ⁽⁴⁾		9930 Gettysburg, Spike Cupola 9930B Gettysburg, Ball Cupola 9930TF Gettysburg, Tall Finial 9930H Gettysburg, Hanging	VCOB-4L 4 LEDs	27 2,700K 30 3,000K 35 3,500K 40 4,000K 50 5,000K	TS Type Symmetric TA Type Asymmetric TSSV2 Symmetric with Moderate Diffused Acrylic Cylinder Lens TSSV4 Symmetric with Maximum Diffused Acrylic Cylinder Lens	MDL02 120V-277V, 250mA MDH02 347V-480V, 250mA MDL03 120V-277V, 350mA MDH03 347V-480V, 350mA MDL05 120V-277V, 500mA MDH05 347V-480V, 500mA	CSA Clear Seeded Acrylic CTA Clear Textured Acrylic PA Prismatic Acrylic SV1 Flat SoftVue™ Light Diffused Acrylic SV2 Flat SoftVue™ Moderate Diffused Acrylic SV4 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.

6. Required field for Stem or Chain Mounting Configuration.

How to Order

Optional Control Receptacle ^{(7) (8) (9)}	Optional Control	Optional Fuse ⁽¹³⁾	Optional Hangstraight ⁽³⁾	Optional House Side Shield ⁽¹⁴⁾	Optional Fixed Dimming Resistor Board ⁽¹¹⁾	Finish
R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽¹⁰⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽¹⁰⁾ SC Shorting Cap ⁽¹⁰⁾ PEC Electronic Button Photocontrol (120V-277V) ^{(11) (12)} PEC4 Electronic Button Photocontrol (480V) ^{(11) (12)}	FHD Double Fuse and Holder	SHS Standard Horizontal Hangstraight, Spike Finial SHN Standard Horizontal Hangstraight, No Finial SHB Standard Horizontal Hangstraight, Ball Finial EZ Vertical Hangstraight, Large, "EZ" Mount	HSS 120° House Side Shield	FDRB Fixed Dimming Resistor Board	BKT Black Textured ⁽¹⁵⁾ WHT White Textured ⁽¹⁵⁾ PGT Park Green Textured ⁽¹⁵⁾ ABZT Arch Med Bronze Tex ⁽¹⁵⁾ DBT Dark Bronze Textured ⁽¹⁵⁾ VG Verde Green SI Swedish Iron OWGT Old World Gray Tex OI Old Iron ⁽¹⁶⁾ RT Rust ⁽¹⁶⁾ WBR Weathered Brown ⁽¹⁶⁾ CD Cedar ⁽¹⁶⁾ WBK Weathered Black ⁽¹⁶⁾ TT Two Tone ⁽¹⁶⁾ CM Custom Match ⁽¹⁶⁾

Notes:

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

7. Not for use with FDRB.

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

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

10. Requires control receptacle.

11. Not for use with R7.

12. Not available for MD_05.

13. Ships loose for installation in base.

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

15. Smooth finishes are available upon request.

16. 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	A hang-straight transition is required for most hanging mounting configurations. The Standard (HSX) is an aluminum ball and swivel horizontal hang-straight. Available with a spike (S), a ball (B), or no finial (N). The hang-straight slips a 4" long by 2-3/8" OD horizontal tenon. The (EZ) 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.
Catenary Mount	The Catenary mount option includes a cast aluminum span wire clamp, which accommodates cables 1/4"-5/8" in diameter. Below the clamp is a decorative cast aluminum wire box and cover which transitions to the EZ vertical Hangstraight for fixture attachment. Aircraft Cable by others.
Internal Lens	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. Optional (TSSV2) moderate diffused acrylic cylinder lens. Optional (TSSV4) maximum diffused acrylic cylinder lens.
Hardware	Includes Stainless steel hardware. Most finishes will include hardware with a Black Oxide conversion coating. Light finishes will get non-color coated hardware (Whites and Silvers)
Lens	Optional glare reducing SoftVue™ lens provides optimal visual comfort. The lantern includes a variety of 1/8" thick lenses installed internally to the body and held in place with aluminum clips. (CSA) Clear Seeded Acrylic (CTA) Clear Textured Acrylic (SV1) Soft Vue Light Diffused Acrylic (SV2) Soft Vue Moderate Diffused Acrylic (SV4) Soft Vue Maximum Diffused Acrylic (PA) Prismatic Acrylic
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	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: Black, White, Park Green, Architectural Medium Bronze and Dark Bronze
Sternberg Select Finish	The Sternberg Select antique-inspired palette adds a touch of vintage elegance to modern applications. Old World Gray Textured is a 1 part powder coat with metallic flakes. Verde Green and Swedish Iron 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. Rust, Weathered Brown and Cedar are special 1 part powder coat finishes with a distinctive look. Old Iron and Weathered Black 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. Two-Tone and Custom Match 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. 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). CCT Lumen Derate Values from 4,000K 2,700K (80+ CRI)= .88 3,000K (70+ CRI)= .97 3,500K (80+ CRI)= .93 5,000K (70+ CRI)= 1.01
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 INTERNAL 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	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. 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.

Lumen Chart(s)

Model #	TS DELIVERED LUMENS	BUG	EFFICACY (LPW)	TA DELIVERED LUMENS	BUG	EFFICACY (LPW)	TSSV2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	TSSV4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
4L40T_-MDL05	7175	B3U3G3	92.0	7145	B2U3G3	91.6	4935	B2U4G3	63.3	4260	B2U4G3	54.6	78
4L30T_-MDL05	6990	B3U3G3	89.6	6965	B2U3G3	89.3	4810	B2U4G3	61.7	4150	B2U4G3	53.2	78
4L27T_-MDL05	6350	B3U3G3	81.4	6325	B2U3G3	81.1	4370	B2U4G3	56.0	3770	B2U4G3	48.3	78
4L40T_-MDL03	5275	B3U3G2	99.5	5255	B2U3G3	99.2	3620	B2U4G3	68.3	3100	B1U4G3	58.5	53
4L30T_-MDL03	5140	B3U3G2	97.0	5120	B2U3G3	96.6	3530	B2U4G3	66.6	3020	B1U4G3	57.0	53
4L27T_-MDL03	4670	B3U3G2	88.1	4655	B2U3G3	87.8	3205	B2U4G3	60.5	2745	B1U4G3	51.8	53
4L40T_-MDL02	3860	B2U3G2	101.6	3850	B1U3G2	101.3	2640	B1U3G3	69.5	2270	B1U3G2	59.7	38
4L30T_-MDL02	3760	B2U3G2	98.9	3750	B1U3G2	98.7	2575	B1U3G3	67.8	2210	B1U3G2	58.2	38
4L27T_-MDL02	3415	B2U3G2	89.9	3410	B1U3G2	89.7	2335	B1U3G3	61.4	2010	B1U3G2	52.9	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
(**9930**)



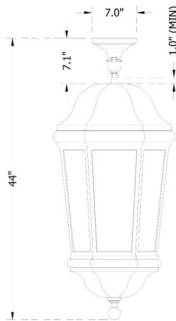
Gettysburg, Ball Cupola
(**9930B**)



Gettysburg, Tall Finial
(**9930TF**)



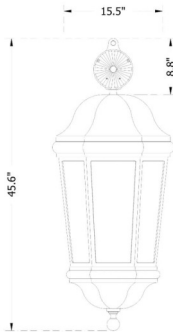
Gettysburg, Hanging
(**9930H**)



Stem Hung
(**SH44**)



Pier Base
(**450PB-9930**)



Catenary, Gettysburg
(**CAT-9930H**)

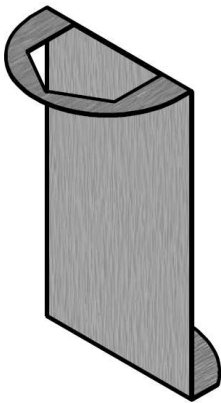
Options



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



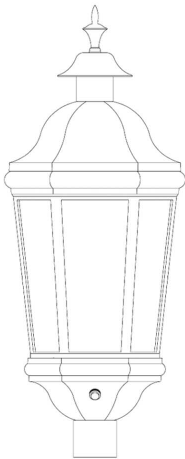
Fixed Dimming Resistor Board
(FDRB)



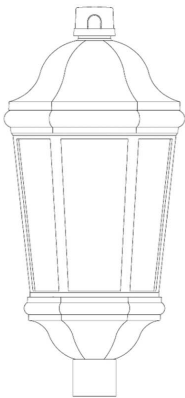
House Side Shield **(HSS)**



Diffusing Internal Lens
(TSSV2/TSSV4)



Button Photocell
(PEC/PEC4)



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