Visit www.sternberglighting.com for more product details and LED updates
Sternberg Lighting poles provide style, authenticity, distinction and character to street or landscape lighting projects. Sternberg has the largest variety of pole designs on the market today with a mix of styles from historical to contemporary, and products to fit municipal, higher education, park and commercial applications.

features

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Ornamental poles from Sternberg Lighting are constructed of heavy gauge cast aluminum decorative elements that enhance surrounding architecture, help set a theme or just provide an assembly that projects strength and substance to site design. Over time pole base designs have followed many different style paths. Sternberg has faithfully reproduced many of them and also created some of our own to meet the needs of specific projects. Subsequently they have become part of the product line. Victorian, Art Deco, Colonial, Mediterranean and Modern styles are found in Sternberg’s extensive pole product offering.

QUICK FACTS

• Sternberg poles are in most cases one piece with integral bolt anchor flanges.
• Shafts are double circumferentially welded for strength.
• Pole bases are painted inside and out to protect against corrosion.
• Sternberg can apply a number of historical finishes including Verde Green for an authentic appearance.
• Base castings are substantial enough size to allow mounting of driver/ballast assemblies for easy servicing.
ornamental poles

Shaft Type (Pole Shapes)

All Tapered Shafts have a taper of 0.14 inch per foot of length. Most shafts are available in steel and/or aluminum.
## POLE BASE

<table>
<thead>
<tr>
<th>POLE BASE</th>
<th>BASE SIZE</th>
<th>BOLT WIDTH HT</th>
<th>BOLT CIRCLE* DIA</th>
<th>BOLT DIA</th>
<th>STRAIGHT FLUTED SHAFT</th>
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* D = Diamond Anchor Bolt Pattern, S = Square Anchor Bolt Pattern

Consult spec sheets for heights and bolt circles.

7312TO Brighton 20" 28" 12'S 3/4"
architectural

Sternberg Lighting has an impressive array of modern Architectural poles that are clean and simple in design yet strong enough to meet today's rigorous and demanding street lighting requirements for vibration and for wind loading. As with all Sternberg poles a variety of mounting options are available from arm mount to post top. Pole top tenons range from the standard 3” x 3” round to 4”x4” or slip over designs where the pole inserts into the luminaire fitter. Consult luminaire specification sheets for proper luminaire/pole compatibility.

For bolt circle information see bolt circle templates

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<th>POLE BASE</th>
<th>BASE SIZE</th>
<th>BOLT</th>
<th>STRAIGHT FLUTED SHAFT</th>
<th>STRAIGHT SMOOTH SHAFT</th>
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For bolt circle dimensions “S” = square pattern and “D” = diamond pattern for poured anchor bolts
Visit www.sternberglighting.com for more product details and LED updates
Sternberg Lighting has an impressive collection of roadway pole options characterized by the large scale base sizes. Roadway poles are typically taller than decorative roadway assemblies and therefore need to be more robust in construction. The height of these poles dictates that an anchor plate design be used. This non-decorative element is then dressed up with large scale two-piece base castings that clamshell around the bottom of the pole presenting a decorative appearance.

**QUICK FACTS**

- Roadway bases are heavy cast aluminum.
- Cast bases are painted inside and out for corrosion protection.
- Heavy wall construction provides long service life.
- Tamper resistant hardware is available for security.
- Cast bases are available in several family sizes to provide the same look throughout a project site.
- Roadway bases can accommodate a variety of pole shaft diameters and present a clean joint line between pole shaft and base casting.
roadway clamshell matrix

1701SS Virginia
2001SS Mesa
2201SS Stratford
2301SS Gateway
2401SS Gateway
3001SS Clayton
3101SS Rockford
5201SS Barrington
5401SS Hamilton

6001SS Columbus
6401SS Hamilton
6901SS Oxford
7201SS Birmingham
7601SS Oxford
7801SS Williamsburg
7901SS Birmingham
8501SS Barrington
9201SS Oxford

9301SS Oxford
9401SS Marshall
9501SS Champaign
9601SS Monrovia
9701SS Birmingham
9801SS Scottsdale
C100 Gateway Composite
C200 Loop Composite
C300 Pedestrian Composite
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<td>43-1/2&quot;</td>
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<td>C300 Pedestrian Composite</td>
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<td>31-1/8&quot;</td>
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RTF = Round Tapered Fluted  
RTS = Round Tapered Smooth  
RSF = Round Straight Fluted  
RSS = Round Straight Smooth  
OTS = Octagonal Tapered Smooth  
SQ = Square Straight  
SQT = Square Tapered
Sternberg Lighting’s Urbanline pole family is a group of square and round straight shafts with complimentary low profile base castings that provide a clean transition from pole shaft to the mounting surface whether it is concrete, brick paver or turf. Urbanline poles are available in either aluminum or steel. Mounting luminaires to this family of poles is accomplished by either drillings in the vertical surfaces in the case of a side mount luminaire or by pole top tenon for post top or post top arm mounting options. The clean simple designs of these poles compliment the contemporary styling of Sternberg’s Urbanline luminaire families with a choice of soft rounded corners or sharp cornered shafts that mate with luminaire edge and corner details.

QUICK FACTS

• Pole shafts can be fabricated from Aluminum or Steel.
• Powder paint is applied with color selections from the Urbanline paint collection to match perfectly with Urbanline luminaires.
• Poles can be ordered with standard square or round base covers or custom covers to match specific luminaire families.
• Poles come pre-drilled to accept luminaire mounting.
• Anchor bolts can be pre-shipped ahead of poles for underground work completion.
Wood poles by Sternberg Lighting are a beautiful way to bring a rustic feel to a project site. Laminated poles provide strength, longevity and beauty to outdoor lighting installations. Wood poles are also a sustainable product that can qualify projects for LEED™ points. Modern wood fabrication techniques have surpassed the strength characteristics of Mother Nature. Lamination techniques using industrial adhesives and tremendous pressures yield a super strong version of wooden beams. Although the appearance is that of rough-hewn or sanded dimension or custom lumber components the actual products are far from the base materials grown in the forests of the American northwest.

QUICK FACTS

• Wood poles come in many sizes and configurations.
• A variety of finish treatments are available.
• Rough-hewn or smooth sanded products are available.
• Square, round and hexagonal shaft options as well as curved pole designs are part of the Sternberg pole offering.
• A built-in electrical raceway allows for electric feed to luminaires.
• Laminated construction is 10X stronger than solid dimension lumber.
<table>
<thead>
<tr>
<th><strong>POLES</strong></th>
<th><strong>CONCRETE</strong></th>
</tr>
</thead>
</table>

**ROCHESTER RC**
- **Base Size:** 18” Oct. Diameter
- **Base Width:** 18”
- **Height:** 8’ - 20’ Available
- **Material:** Pre-stressed Concrete
- **Finish:** Etched
- **Installation:** Direct Embedment
- **ANCHOR BOLT MTG. AVAILABLE**

**Model Numbers with Post Heights**
- **RC10E**
  - Above Grade: 10’
  - Embedment Depth: 4'-4”
  - Overall Length: 14'-4”
- **RC12E**
  - Above Grade: 12’
  - Embedment Depth: 5’
  - Overall Length: 17’
- **RC14E**
  - Above Grade: 14’
  - Embedment Depth: 5’
  - Overall Length: 19’
- **RC16E**
  - Above Grade: 16’
  - Embedment Depth: 5’
  - Overall Length: 21’
- **RC20E**
  - Above Grade: 20’
  - Embedment Depth: 5’
  - Overall Length: 25’

**CLAREMONT CM**
- **Base Size:** 18” Diameter
- **Base Width:** 18”
- **Height:** 8’ - 20’ Available
- **Material:** Pre-stressed Concrete
- **Finish:** Etched
- **Installation:** Direct Embedment
- **ANCHOR BOLT MTG. AVAILABLE**

**Model Numbers with Post Heights**
- **CM10E**
  - Above Grade: 10’
  - Embedment Depth: 4'-6”
  - Overall Length: 14'-6”
- **CM12E**
  - Above Grade: 12’
  - Embedment Depth: 4'-6”
  - Overall Length: 16'-6”
- **CM14E**
  - Above Grade: 14’
  - Embedment Depth: 4'-6”
  - Overall Length: 18'-6”
- **CM16E**
  - Above Grade: 16’
  - Embedment Depth: 4'-6”
  - Overall Length: 20'-6”
- **CM20E**
  - Above Grade: 20’
  - Embedment Depth: 5’
  - Overall Length: 25’
- **CM25E**
  - Above Grade: 25’
  - Embedment Depth: 5’
  - Overall Length: 30’

**EXETER EX**
- **Base Size:** 15-5/16” Oct. Diameter
- **Base Width:** 15”
- **Height:** 8’ - 25’ Available
- **Material:** Pre-stressed Concrete
- **Finish:** Etched
- **Installation:** Direct Embedment
- **ANCHOR BOLT MTG. AVAILABLE**

**Model Numbers with Post Heights**
- **EX10E**
  - Above Grade: 10’
  - Embedment Depth: 5’
  - Overall Length: 15’
- **EX12E**
  - Above Grade: 12’
  - Embedment Depth: 5’
  - Overall Length: 17’
- **EX14E**
  - Above Grade: 14’
  - Embedment Depth: 5’
  - Overall Length: 19’
- **EX16E**
  - Above Grade: 16’
  - Embedment Depth: 5’
  - Overall Length: 21’
- **EX20E**
  - Above Grade: 20’
  - Embedment Depth: 5’
  - Overall Length: 25’
- **EX25E**
  - Above Grade: 25’
  - Embedment Depth: 5’
  - Overall Length: 30’

**OAKLAND OK**
- **Base Size:** 6-5/8” - 8-1/2” Oct. Dia.
- **Base Width:** Varies
- **Height:** 8’ - 30’ Available
- **Material:** Pre-stressed Concrete
- **Finish:** Etched or Polished
- **Installation:** Direct Embedment
- **ANCHOR BOLT MTG. AVAILABLE**

**Model Numbers with Post Heights**
- **OK10E or P**
  - Above Grade: 10’
  - Embedment Depth: 4’
  - Overall Length: 14’
- **OK12E or P**
  - Above Grade: 12’
  - Embedment Depth: 4’
  - Overall Length: 16’
- **OK14E or P**
  - Above Grade: 14’
  - Embedment Depth: 4'-6”
  - Overall Length: 18-6”
- **OK16E or P**
  - Above Grade: 16’
  - Embedment Depth: 4'-6”
  - Overall Length: 20'-6”
- **OK20E or P**
  - Above Grade: 20’
  - Embedment Depth: 5’
  - Overall Length: 25’
- **OK25E or P**
  - Above Grade: 25’
  - Embedment Depth: 5’
  - Overall Length: 30’
POLES

All Styles are Available in 6 Colors*. Colors Available:
Midnight Sky, Cinnamon, Eclipse, Salt & Pepper, Bronze, Kelly Green

*All colors shown are approximate and may have a slight variation
Specifying Poles

A pole part number can be broken down into 4 items, the base style (first two numbers), the height (second two numbers), the shaft type (one, two or 3 letters) and the shaft diameter (last number). An example part number for an Oxford, 12' pole with a 6" diameter tapered fluted shaft: 6212TFP6.

Exceptions to this format: 450, 550 and 650 poles state the 3 digit base first, the shaft type second then the shaft diameter followed by the pole height: 450FP4-12. No shaft type or diameter notation is required on the square 4SQ, 5SQ and 6SQ poles.

Direct Burial Installation
Sternberg's ornamental poles may be installed by the Direct Burial method of installation. A hole is dug wide and deep enough to accommodate the pole burial section and backfill material. The pole is lowered into the hole, the below grade wires are fed through the pole and the hole is backfilled and tamped using the appropriate backfill material for the soil conditions present. The pole's burial section will vary with size of pole and soil conditions. To specify, simply add DB at the end of the Sternberg pole's catalog number.

Helix Burial Installation
Sternberg’s Helix foundation system allows the installation of poles with or without the need of pouring a concrete foundation or even boring a hole. A steel helix foundation, properly sized for the particular lightpole, is screwed into the solid ground using a rotating boom digger-derrick truck. The helix foundation is screwed into the ground until its top plate is at the desired height. The last step is to pull the wires through the foundation and bolt the streetlight pole base to its top plate. To specify, add HB at the end of the Sternberg pole’s catalog number.
The wind load is a key factor when determining the design of your new lighting system. Wind speeds from AASHTO wind load map are used to engineer your system’s structural integrity. Wind speed values are based on peak mean hourly wind speeds for a 50 year return period, 32.8 feet above the ground. This is stated in the AASHTO standards specifications for structural supports for highway signs, luminaires and traffic signals. When using this map, caution is advised in using the wind velocity contours in special wind areas such as mountain, great lakes and coastal regions. Hawaii uses a 105 MPH wind velocity, while Canadian data is based on peak mean hourly wind speeds for a 30 year return period, 30 feet above ground. This map is intended as a general guide and more localized analysis may be required. Please consult factory.

NOTES FOR U.S.
1. Values are 3-second gust speeds in MPH at 10 m (32.8 ft) above ground for Exposure C category and are associated with an annual probability of 0.02 (50 year mean recurrence interval).
2. Linear interpolation between wind speed contours is permitted.
3. Islands and coastal areas shall use wind speed contour of coastal area.
4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.

Hawaii 105MPH
Puerto Rico 145MPH
Guam 170MPH
Virgin Islands 145MPH
American Samoa 125MPH

Note:
For coastal areas and islands, use nearest contour.
Since 1923, Sternberg lighting has maintained its position as a leader in the street lighting industry by utilizing the latest technological advancements.

Today, our energy efficient LED street lighting luminaires have set a new standard for municipalities, universities, utilities and commercial entities seeking energy cost savings.

Sternberg Lighting is a US manufacturer located in Roselle, IL and is employee owned.

Sternberg Lighting is:

✓ Employee Owned!
✓ Made in The USA!

See our complete catalog on-line at:
www.sternberglighting.com

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