

In The Spirit
Of Progress

We
Proudly
Present
. . . Yesterday



Lamp
Light



The Company

LampLight Industries was founded in 1981 to supply quality cast iron and steel period lighting fixtures to the expanding restoration and new development market. Over the years, LampLight has been in the forefront of photometric efficiency and product innovation combined with esthetic and structural integrity.

Table of Contents

- 3 Single Lamp
- 4 Double Lamp, Quad Units, 5-Light Units
- 5 Brackets, Custom
- 6 Components
- 7 Installation
- 8 Specifications

Design and Technical Assistance

LampLight Industries offers a wide range of technical assistance. We provide complete photometric data from a one or two unit project to a primary lighting streetscape. We offer assistance in component selection, fixture height, coatings, and lighting sources to achieve the desired light levels and overall effect. We have extensive experience in recreating exact duplicates, restoration and updating of old units, and creating custom designs. Let us know your needs.

General Overview and Product Line

LampLight Industries proudly offers a full line of quality historic lighting products in addition to our custom units. Our fixtures are built with the following features:

- ease of installation
- flanged component construction providing superior structural integrity
- very high wind loading characteristics
- ease of replacement of individual parts
- manageable size components
- all components are made in the U.S.A. of new material, gray iron castings, ductile where necessary, heavy gauge steel and high quality aluminum
- full size units, not scaled down replicas
- all U.L. approved electrical components
- incredibly high vandal resistance
- totally fireproof
- top quality name brand coating systems
- beautiful casting relief work

Streetlights with a 1920's charm*

LampLight Industries makes and restores historical lighting that Gene Kelly would be proud to dance around.

The Lorain-based company was founded in 1981 by George Strom and Elaine Dean. Strom observed the city of Elyria replacing vintage lighting on a landmark with modern, lower-quality fixtures. Having an interest in historical lighting, he knew there had to be an alternative. "Power is in my name," says Strom, the company president. "It means 'energy' in my native Swedish."

LampLight uses an innerfocusing lens to optimize the effectiveness of light sources. Light rays are bent to achieve the most efficient disbursement of light. General Electric Lexan lenses protect the lighting assembly from vandalism and the elements.

Each lamp is custom-built, allowing the buyer to specify pole height and the number of lights desired.

Strom says that over half of LampLight's business is with municipalities and 50 percent of the company's installations are in Ohio. Cleveland's Public Square and Terminal Tower are beneficiaries of LampLight's efforts. The Inner Harbor project on Cleveland's lakefront also has historical lighting. "We do a lot of work on college campuses, too," says Strom. "They [the lamps] are attractive and hard to vandalize."

LampLight has installed lighting from San Diego, California, to Naples, Florida. "We do very little advertising," says Strom. "People see our lamps and recognize the quality."

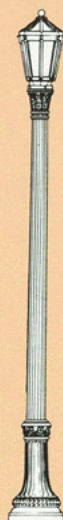
* *Ohio Business*, January 1987



A Few Places Our Lighting Units Can Be Seen . . .

Downtown Cleveland - Tower City Development, Cleveland, Ohio	Downtown Main Street, Sturgis, Michigan	Huntington Sea Cliff Estates, Huntington Sea Cliff, California	New Burn Place, Raleigh, North Carolina
Downtown area, Conneaut, Ohio	Downtown area, Florence, Oregon	Cleveland Public Auditorium, Cleveland, Ohio	Van Swerigen Arcade, Cleveland, Ohio
Downtown area, Medina, Ohio	Town Square Project, Troy, Ohio	Cleveland Metro Parks Zoo, Cleveland, Ohio	Vallejo Naval and Historical Museums, Vallejo, California
Downtown area, Centralia, Illinois	Town Square Project, Norwalk, Ohio	Veteran's Park, Lorain, Ohio	Renaissance, Solvang, California
Downtown Main Street, Longmont, Colorado	American Wharf, Norwich, Connecticut	St. Lawrence University, Canton, New York	Allstate Products, Lakewood, Colorado
Downtown Main Street, Canton, New York	EMH Regional Medical Center, Elyria, Ohio	Union College, Schenectady, New York	Donaroma Nursery, Edgartown, Massachusetts
Downtown Main Street, Lodi, Ohio	Main Street, Put-in-Bay, Ohio	Charlotte Inn, Edgartown, Massachusetts	Rustic Inn, Annapolis, Maryland
Downtown Main Street, Logan, Ohio	Bentley Village Estates, Naples, Florida	Highland Oaks of Keller, Arlington, Texas	Kitty Knight House, Georgetown, Maryland
Downtown Main Street, Strongsville, Ohio	Boca Raton Train Depot, Boca Raton, Florida	Catawba College, Salisbury, North Carolina	Maxwell's, Darian, Connecticut
Downtown Main Street, Plymouth, Ohio	Haye-Adams Hotel, Washington, D.C.	Fox Valley Church, St. Charles, Illinois	Cleveland Inner Harbor Project, Cleveland, Ohio

Let Us Help You With Your Historic Lighting Needs.



Single Lamps

Our single post top lamps can be used in a wide variety of settings for recreating the warmth, glamour and quality of the past. These units when coupled with LampLight's state-of-the-art photometrics are perfect as the primary lighting in any streetscape, college campus, resort, restaurant, hotel or public area. In choosing the single post top in a large quantity, or a small number of purely esthetic units, a statement of permanence, pride and caring is made.

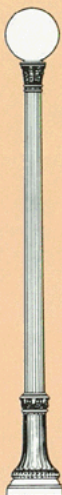
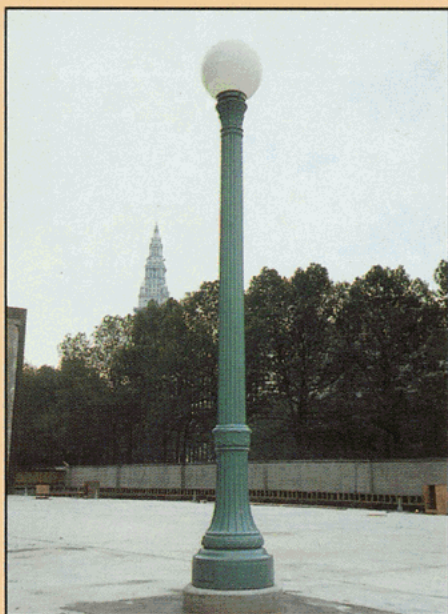
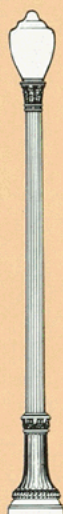
FEATURES AND OPTIONS (See Selector Guide)

We offer a choice of:

- casting sets
- fluting tapers
- luminaires
- post top or hanging luminaire mount
- pedestals
- base rings
- access door locations
- lighting sources
- focusing lenses
- type II, IV, V patterns
- receptacles
- finish coating color choices
- installation methods
- special coatings

Casting sets and luminaire sizes scaled to your height choice. We assure that our single units offer an exact match to any style of our multiple head fixtures.

LampLight Industries adheres to I.E.S. standards in all of its photometric data.

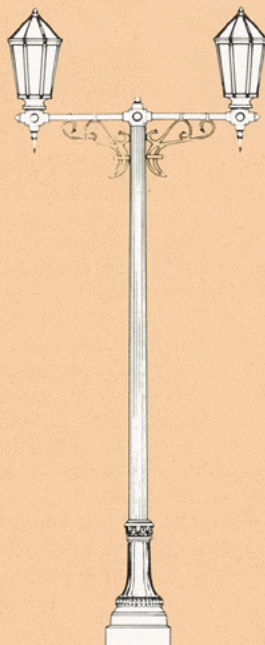




Double Lamp

A double lamp may be used in a primary lighting plan where more light is required or a larger appearing fixture is called for. Our double is also ideal for a centerpiece of esthetic lighting.

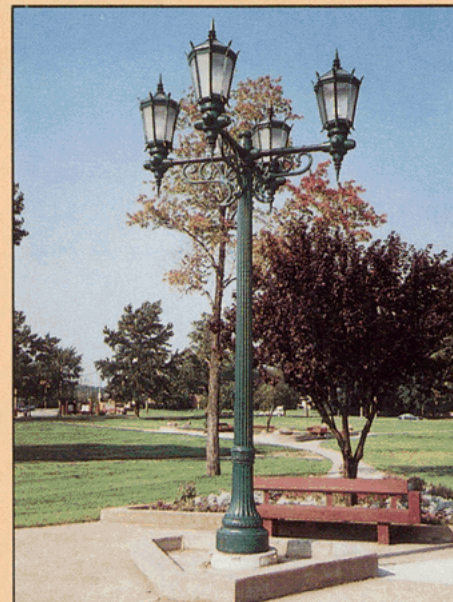
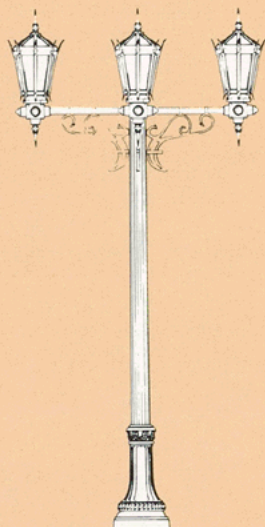
LampLight's double units have the same features and options as our singles but have the added benefit of locating the arm luminaire support in any position, without altering the anchor bolts. This unlimited movement feature gives the planner total flexibility in luminaire location.



Quad Units

LampLight's Quad is a magnificent unit that is perfect as a focal point fixture, entranceway lighting, or in groups for a truly spectacular effect.

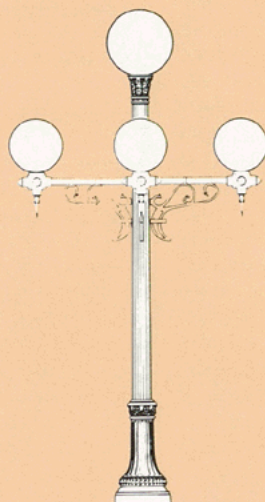
Features and options of our singles apply in addition to unlimited arm movement benefit described in the double lamp.

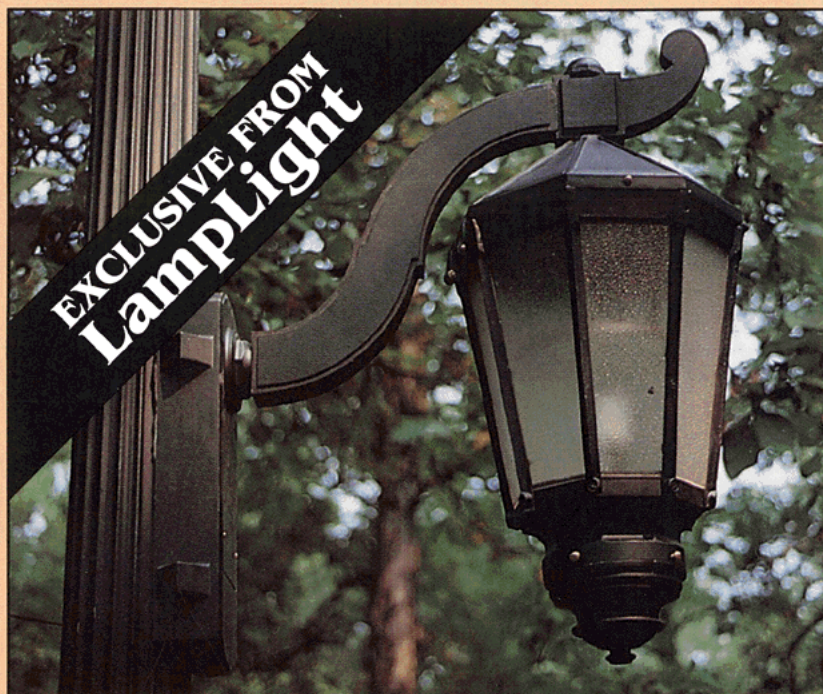


5-Light Units

Our 5-light lamp has the same applications as the quad. The center luminaire gives added vertical dimension which makes this unit work beautifully as entranceway or focal point lighting in a larger scale setting.

All features, options and arm movement benefits also apply.



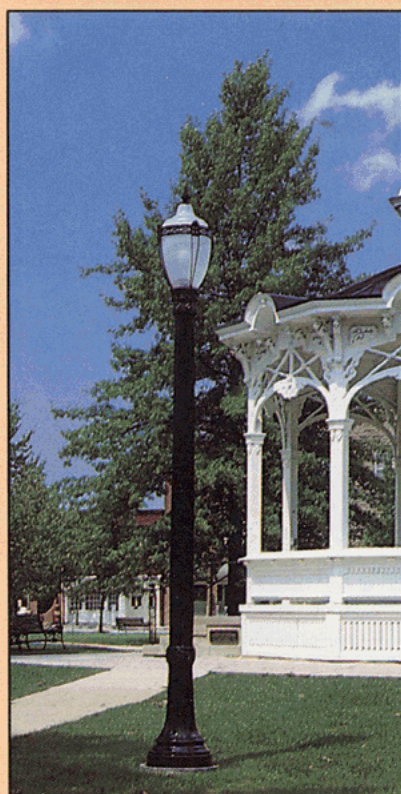


Brackets

Bracketed lamps provide a very versatile approach to accent lighting, typically to finish a theme set by our other historic units on buildings, walkways, entrances and gateway pillars. The bracketed lamp is very handsome by itself and its uses are unlimited. Now LampLight has developed an exclusive bracketing arrangement which allows the bracket lamp to be used as primary or secondary lighting on existing poles of any configuration. Streetscapes that are lined by existing poles with overhead lighting can now economically be given a historic look with a LampLight bracketed fixture.

FEATURES AND OPTIONS

LampLight uses structurally sound new heavy gauge aluminum in building this unit. Any of our luminaire styles may be used in either a bottom support or hanging configuration. Our attachment method tightly conforms to any pole taper without unsightly bolts spoiling the effect; in addition, loading is spread over a wide area so even light gauge poles may be safely bracketed. When using our unit on a wall mount, the backing plate is available either flush or deep for built-in or surface mounted work boxes. All units are provided with an access panel.



Custom

All LampLight units are custom built but at a production price. Some situations call for recreation of an existing fixture, either partially or in total. If needed, we can build a complete custom design. LampLight has great experience in custom work. Let us know your needs.



Typical Lantern Components and Specifications

LUMINAIRE SPECIFICATIONS

- All luminaires available in at least 2 sizes
- Standard Mogul Base
- 110/120 Volt Socket Provided
- Globes available in glass, polycarbonate or butyrate

LANTERNS

- Made of high quality cast aluminum
- Gothic lantern available with solid or glass top
- Primed and painted with a high quality finish in a variety of colors, flat or gloss
- Plating, special finishes and colors available, as options

LANTERN LENSES

- Available in glass, acrylic, or Lexan®
- Etched or beveled glass available as options

OPTIONAL LIGHTING UNITS

- High pressure sodium
- Mercury vapor
- Metal halide
- Natural gas

The option of focusing glass is available in all luminaires.

TOP CASTING

- Made of quality heavy cast iron
- Available in three styles
- Also available: hourglass or corona style height extenders

POLES

- Sizes: 1" x 4' and 1" x 8'
- 20-flute tapered steel

FINISHES

- Prime coat: rust-inhibiting sealer inside and out
- Finish coat: painted with a high quality finish in a variety of colors, flat or gloss
- Special finishes and colors available, as options.

BOTTOM CASTING

- Made of ductile cast iron
- Available in three styles and varying sizes

PEDESTAL

- Made of quality heavy cast iron
- Available in three styles

BASE RING

- Made of quality heavy cast iron
- Available with or without access door
 - Small = 3" x 6" access door
 - Large = 6" x 12" access door

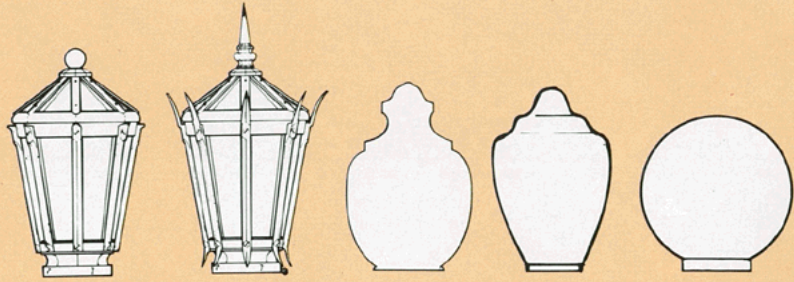
NO. 1 ROD PACKAGE

- 3 - 3/4" x 6' Anchor Rods
- 3 - 3/4" Nuts
- 3 - 1/2" x 2' Stove Bolts
- 3 - 1/2" Rods *
- 3 - 1/2" Couplers
- 3 - 1/2" Nuts

*1/2" Rod length depends on length of fluted pole section

A leveling plate for use on existing foundations can be provided, as an option.

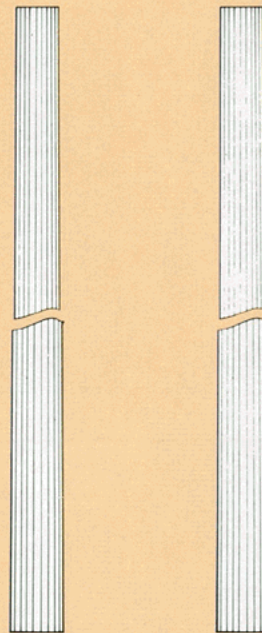
LUMINAIRES



TOP CASTINGS



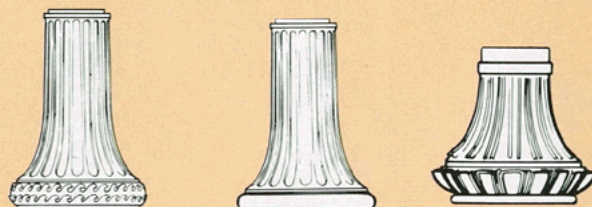
POLES



BOTTOM CASTINGS



PEDESTALS



BASE RINGS



Typical Installation

STEP ONE - FOOTER INSTALLATION

Dig a hole approximately 36" deep, making wider near the top.

Install three 6-foot x 3/4-inch rods into hole (A).

Install one 1/2-inch conduit, making sure ends are protected from dirt and concrete (C).

Form hole with 2x4's in any desired pattern, making sure forms are level and at least 24 inches across (B).

Fill hole and forms with concrete, making sure rods are straight, and top of concrete is level. Allow at least 24 hours to harden.

DIRECT BURY

LampLight offers a direct bury method of installation as an alternative to the standard anchor bolt and concrete format. An 8-inch by 4-foot hole is all that is required for a quick and easy installation.

STEP TWO - BASE INSTALLATION

Feed electrical cable (I) thru conduit (C) making sure there is enough to reach top of fixture. Size and type of cable will depend upon local codes and particular installation.

Place bottom ring (H) over 3/4-inch rods (A), and conduit (C) on to formed base (B).

Follow same procedure with pedestal (G) and bottom flange (F), making sure each piece fits properly.

Install 3/4-inch lock washers and nuts (D) on each of the 3/4-inch rods (A), making sure to tighten.

Install three 2-inch by 1/2-inch stove bolts and three 2-inch by 1/2-inch couplings (E) thru holes in bottom flange making sure bolt heads are toward ground and couplings are toward sky.

GROUNDING: Poles must be grounded to comply with the National Electrical Code, and Local Electrical Codes.

STEP THREE - POLE INSTALLATION

Set fluted pole (M) onto bottom flange (F).

Feed three 1/2-inch rods (L) thru top of fluted pole (M) screwing into 1/2-inch couplings (E). Length of 1/2-inch rods will depend upon length of fluted pole.

Place upper flange (J) over 1/2-inch rods (L) and fluted pole (M).

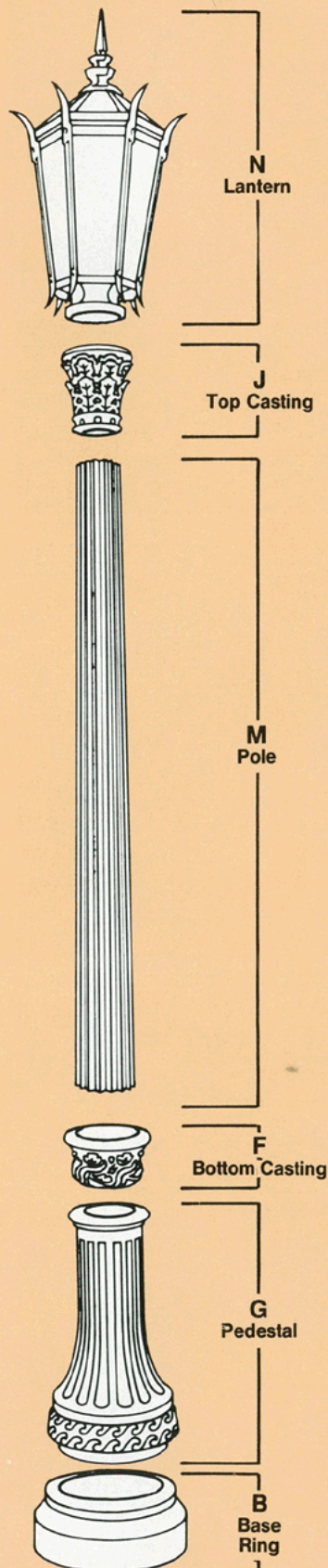
Install 1/2-inch lock washers and nuts (K) on each of the 1/2-inch rods (L), making sure to tighten.

STEP FOUR - LAMP HEAD INSTALLATION

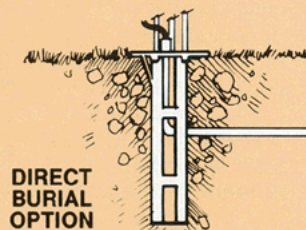
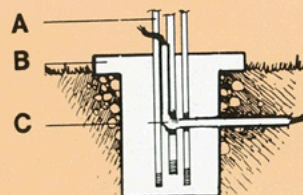
Set lamp head (N) onto upper flange (J) and tighten four set screws (P).

Connect light socket to electrical cable or ballast and install bulb.

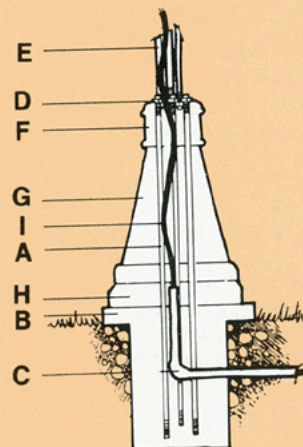
Your lamp is now ready for many years of enjoyable pleasure!



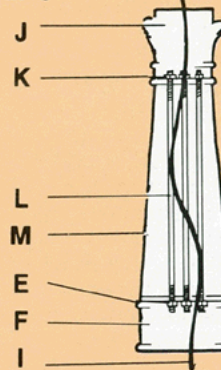
STEP 1



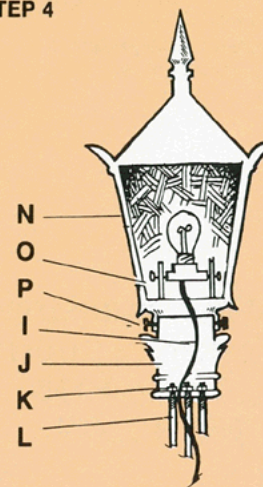
STEP 2



STEP 3



STEP 4



Typical Street Lighting Fixture Specifications

The following specifications have been developed utilizing LampLight Industries, Inc. product information as a guide in establishing minimum acceptable standards and for describing the appearance, standard of quality, performance and other project requirements.

SCOPE

Furnish 12'8" overall height historic street lamp components finish coated and ready for installation.

LUMINAIRE

Luminaire shall be a rotationally molded one piece clear polycarbonate globe. Supplied in a traditional "acorn" style fitted with a semi-specular finished reflector and a borosilicate glass refractor to produce an I.E.S. Type III or Type V distribution as required. Mogul-base porcelain socket with bracket supplied to mount to top casting.

POLE

Pole shall be tapered one piece fabricated steel containing 20 flutes and having a minimum wall thickness of 1/8 inch.

PEDESTAL/CENTER/TOP/-BASE RING (with access door)

Balance of components shall be cast of high quality ductile iron containing flanges for interlocking when bolted together with three (3) internal tie rods of 1/2 inch diameter rod threaded at both ends.

ELECTRICAL

Luminaires supplied with a 100-watt high pressure sodium ballast 120 volt manufactured by Magnatek-Universal, Robertson or equivalent.

COATING SYSTEM

Sandblast all cast iron components until free of all visible rust, oil or other contaminants. Prime within 4 hours of sandblasting.

Prime with red oxide primer containing at least 1% zinc chromate to a thickness of at least 1.5 mils DFT.

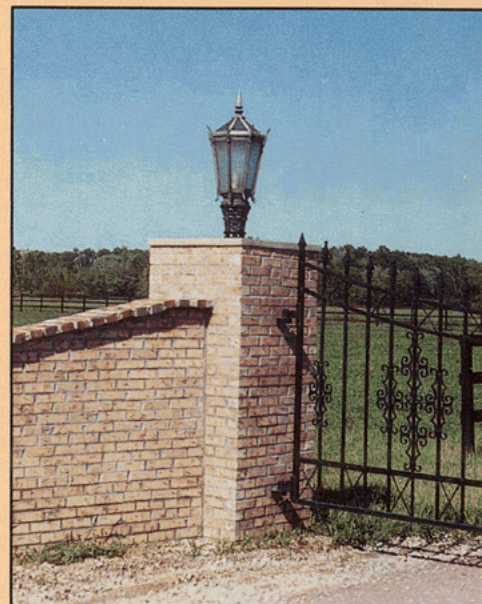
Topcoat with a dark green acrylic enamel similar to Dupont Centari® or Sherwin Williams Fast Production® gloss to be 20% and topcoat film thickness should be a minimum of 1.0 mils DFT.

Warranty

LampLight Industries warrants all structural and decorative components for a period of one year. Coating systems, globes, lenses and all electrical components are covered under individual manufacturers' warranties.

Other Products

LampLight offers a full range of accessory units to complement our lighting line. Half lights for entrances or accent pieces, bollards, water fountain bases and various sign bracketing is available.



Lamplight Industries

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