

Acorns





Acorns

Sternberg acorns provide old world aesthetics with uniform and controlled illumination for enhanced visibility and security. Made of vandal resistant clear textured polycarbonate or dent and yellowing resistant acrylic, this style is virtually maintenance-free. Available in many styles and models to meet your specific needs.

Features

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Styles

Acorns although simple in style and appearance perform street and area lighting functions very well. These iconic shapes come in many different iterations from the classic apple shape to the inverted namesake acorn shape. Noted as period lighting designs the acorn shape has evolved from the much less efficient gas lights of the late 19th century and early 20th. Acorn globes can be made of different materials but modern designs have focused on polymer materials like Acrylic and Polycarbonate. Molded glass globes are also available with prismatic surfaces.

QUICK FACTS

- Several globe shapes are available.
- Acrylic and polycarbonate is used for ease of molding.
- Textured or prismatic surface treatments are molded in to increase optical performance.
- Decorative options like cast rings and solid tops are available.
- Acorns come in various light sources like LED, HPS and Metal Halide.
- Prismatic glass globe styles are also available.
- Twist-lock tool-less access to electrical gear is an optional way to provide easy installation and maintenance of acorn products.



Old Town Series

Acorn Series

Avenue Series

Columbia Series

Old Town Series

Old Town Series with control node installed



Southern Illinois University - Carbondale, IL

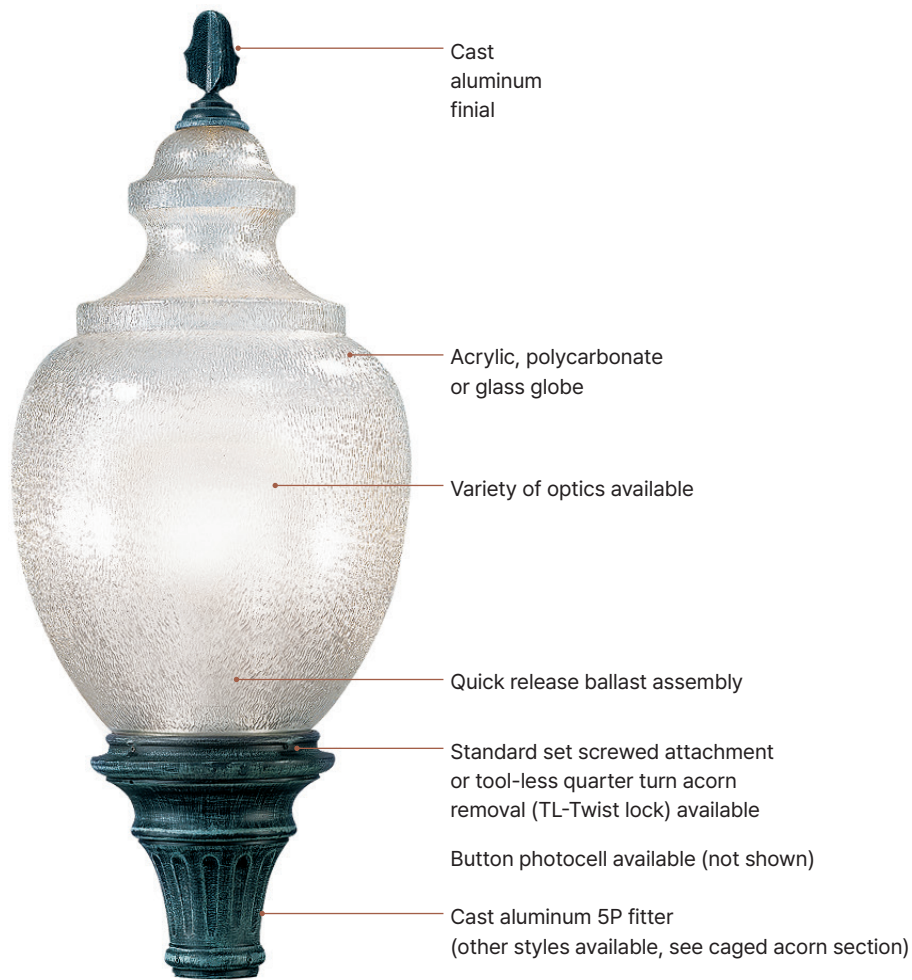


Belen, NM



Features

Acorn style luminaires are recognized by what is known in the lighting industry as the "acorn" shape but they are defined by the myriad options available on the market. The aesthetic value of decorative lighting is arguably best represented by the acorn style. There are many renditions of this now neo-classic luminaire. Sternberg has been and continues to be the front runner in acorn product manufacturing. Solid tops, multiple globe shapes, finials and prismatic globes are just a few of the optional items that make any acorn a great acorn.



Solid roofs available on select models



Acorn Matrix



1910LEDCT
Citara



1920
Acorn



1920-VCOB
Acorn PT Series



1930
Acorn



1930-VCOB
Acorn PT Series



A453
Palmetto



A45LED
Palmetto Series



A653
Princeton



A65LED
Princeton Series



A753
Columbia



A75LED
Columbia



A840
Old Town



A840-VCOB
Old Town Series



A850
Old Town



A850/CDR
Old Town



A850SR
Old Town



A850SRLED
Old Town



A850-VCOB
Old Town



A852
Yorktown



A85LED
Yorktown Series



B740
Avenue



B740-VCOB
Avenue Series



B750
Avenue



B750/PBDR
Avenue



B750SRLED
Avenue



B750-VCOB
Avenue



D640
Boulevard



D640-VCOB
Boulevard Series



D650
Boulevard



D650SRLED
Boulevard



D650-VCOB
Boulevard Series



G743
Hometown



G74LED
Hometown



G943
Mid Town



M960SRLED
Monterro

See website for DLC approved fixtures

Fixture	Dimensions		Source	HSS	Architectural Light Distribution		Performance Light Distribution				EPA ft ²	WT. lbs
	Width	Height			Symmetric	Asymmetric	2	3	4	5		
1910LEDCT Citara	21-1/3"	46-1/2"	LED	■			■	■	■	■	1.95	58
1920 Acorn	12"	23"	HID	■				■		■	0.88	9
1920-VCOB Acorn PT Series	12"	23"	LED	■	■	■					1.11	12
1930 Acorn	16"	27-1/4"	HID	■				■		■	1.57	10
1930-VCOB Acorn PT Series	16"	27-1/4"	LED	■	■	■					1.11	12
A453 Palmetto	16-1/4"	41"	HID	■				■		■	1.9	28
A45LED Palmetto Series	16-1/4"	41"	LED	■				■	■	■	1.95	28
A653 Princeton	15-7/8"	37-1/2"	HID	■				■		■	1.6	15
A65LED Princeton Series	15-7/8"	37-1/2"	LED	■				■	■	■	2.06	15
A753 Columbia	16"	42"	HID	■				■		■	1.6	28
A75LED Columbia	16"	42"	LED	■				■		■	1.41	28
A840 Old Town	14-1/4"	37-3/4"	HID	■				■		■	2.2	14
A840-VCOB Old Town Series	14-1/4"	37-3/4"	LED	■	■	■					1.06	22
A850 Old Town	16"	38-1/2"	HID	■				■		■	1.26	15
A850/CDR Old Town	17"	38-1/2"	HID	■				■		■	1.26	15
A850SR Old Town	16"	38-1/2"	HID	■				■		■	1.26	18
A850SRLED Old Town	16"	38-1/2"	LED	■			■	■		■	1.26	32
A850-VCOB Old Town Series	16-1/2"	38-7/8"	LED	■	■	■					1.21	26
A852 Yorktown	16"	42"	HID	■			■			■	1.9	24
A85LED Yorktown Series	16"	42"	LED	■				■	■	■	1.9	24
B740 Avenue	13-3/4"	29"	HID	■				■		■	1.69	30
B740-VCOB Avenue Series	13-5/8"	29-1/4"	LED	■	■	■					1.6	23
B750 Avenue	15"	32"	HID	■				■		■	2.04	22
B750/PBDR Avenue	16"	32"	HID	■				■		■	2.04	25
B750SRLED Avenue	16"	40"	LED	■			■	■	■	■	2.04	38
B750-VCOB Avenue Series	15-1/8"	32-1/2"	LED	■	■	■					1.11	25
D640 Boulevard	12-5/8"	31-1/4"	HID	■				■		■	1.54	14
D640-VCOB Boulevard Series	12-5/8"	31-1/4"	LED	■	■	■					.75	22
D650 Boulevard	16"	35"	HID	■				■		■	2.06	15
D650SRLED Boulevard	16"	35"	LED	■			■	■	■	■	2.06	34
D650-VCOB Boulevard Series	16"	34"	LED	■	■	■					1.04	23
G743 Hometown	14"	33"	HID	■				■	■	■	1.3	30
G74LED Hometown	14"	33"	LED	■				■		■	1.41	35
G943 Mid Town	17-1/4"	42-7/8"	HID	■				■			1.4	48
M960SRLED Monterro	27"	40-1/2"	LED	■			■	■	■	■	2.62	34

HSS = House Side Shield BLOC = Back Light Optical Control

*Consult factory

Fitters

Luminaire fitters are designed as transition pieces between luminaire's globe's or the pole or arm on which it is mounted. Being a utility device does not always mean a plain or unattractive appearance. Sternberg has created an extensive offering of pole top fitters that are beautiful and durable. Made of heavy cast aluminum, Sternberg fitters hold luminaires securely to pole top tenons by multi-point mechanical attachment or can be welded to ensure straight and level luminaire alignment to the pole and for increased durability. Furthermore, Sternberg fitters house most of the electrical drive gear needed to power our advanced LED light engines. They provide a safe and sealed chamber against weather and intrusion of dirt so that internal components last longer and function better during product service life.

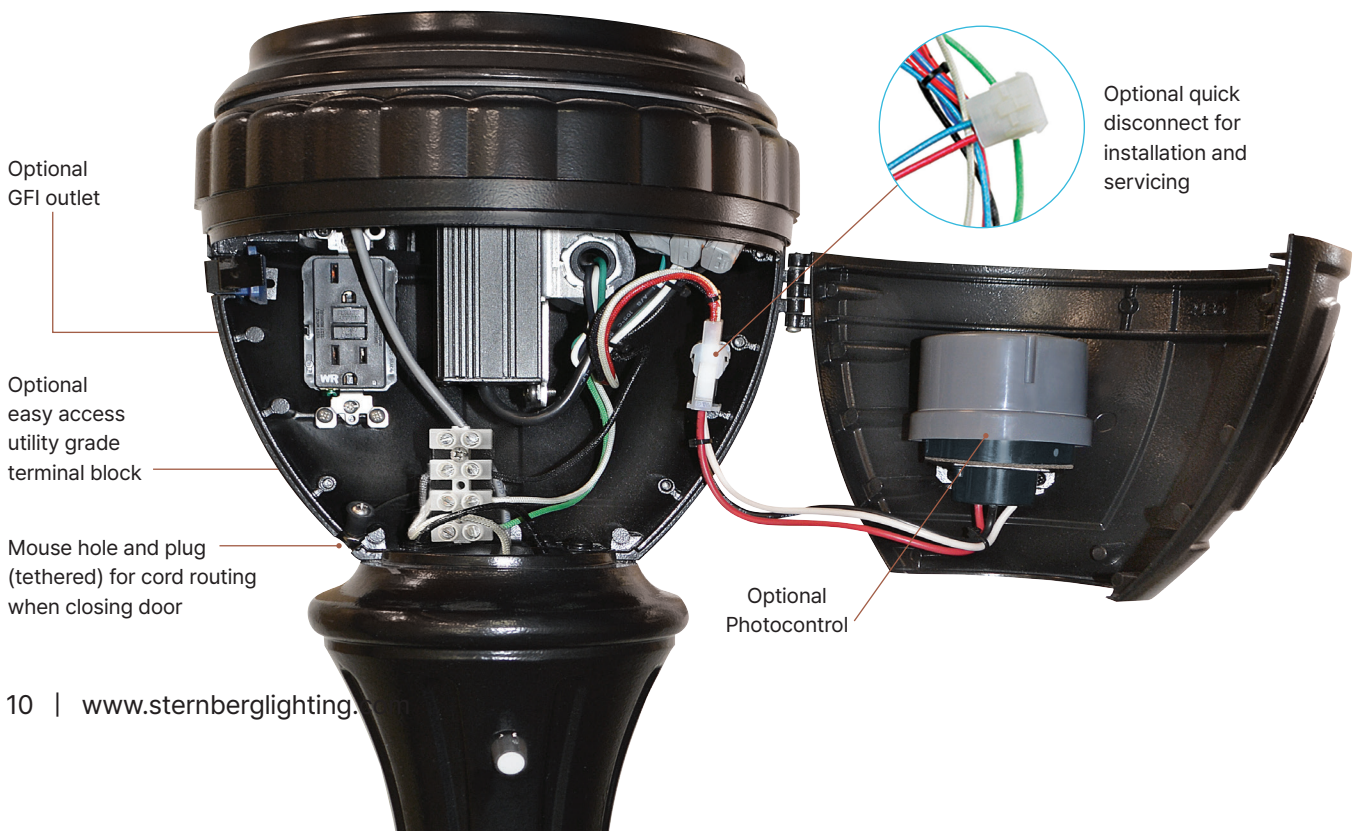
Standard Fitters



Utility Fitters



990 Utility Fitter



Twist-Lock



Twist-Lock

Modern lighting equipment needs to be aesthetically pleasing and highly functioning to meet today's strict roadway and area lighting guidelines. This is a fact every manufacturer is aware of but what is often overlooked is the installer. Sternberg has worked with installers to design a luminaire that is easy to install and easy to service. Out of that work evolved the Twist-Lock or "TL" option from Sternberg. With a quarter turn the globe assembly lifts off exposing the electrical gear tray and lamp socket for repair or replacement. No tools are needed. There is no product on the market easier to service and install than Sternberg's acorn and globe families of products with the "TL" option.

Globe Options

A key element and the reason for the acorn name is the globe. To the untrained eye the acorn style hasn't changed much in decades. In reality it has changed profoundly keeping pace with technology over the past one hundred years. It is found on main streets across America and figures prominently on the streets of our nation's capital, Washington D.C. The globe has taken on a series of evolutionary steps that make it one of the more important luminaires in the decorative functional lighting market. Evolving from glass gas-light luminaires of the Victorian era modern acorns matured with the invention of polymers and molding methods that allowed surface texturing for glare reduction, prismatic for superior distribution and polymer formulations that added impact resistance in the case of polycarbonate and clear non-yellowing properties in the case of acrylics. There are even blends that give the characteristics of non-yellowing and impact resistance.

Now with LED light sources the acorn style is undergoing a further advancement that is sure to allow it to remain the most popular decorative shape on the market for the next several decades. Sternberg has mastered the design and manufacturing of the acorn globe and all its performance and aesthetic characteristics bringing the true value of this style to the market and to our customers.



Standard
Globe



Prismatic



**Located in Roselle, Illinois
Engineered, Tested and Assembled in the USA!**

Sternberg has created a legacy of old world craftsmanship that dates back to the company's inception in 1923. The work ethic and product innovations that made the early Sternberg company successful are still being practiced by our employees today. Our dedicated staff, attention to detail, and quality production processes are what make Sternberg a world class company.

Sternberg serves the municipal, landscape, higher education and commercial markets providing efficient and cost effective lighting solutions to the outdoor market.

See our complete catalog online at:
www.sternberglighting.com



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