

YOUR GUIDE TO
**EXQUISITE
LIGHTING**



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Client Visions,

the result is not just light, but an architectural and engineered expression of the landscape.



**YALE UNIVERSITY
IN NEW HAVEN, CT**



**APPLE STORE
IN WASHINGTON, DC**



DEL WEBB COMMUNITY. FL



**TOWN OF
SOUTHAMPTON. NY**



DOWNTOWN ARLINGTON, TX



**BEN FRANKLIN PARKWAY
IN PHILADELPHIA, PA**



**DICKIE'S ARENA
IN FORT WORTH, TX**



**EAST BAY BIKE PATH
IN PROVIDENCE, RI**



**JOHN WEEKS BRIDGE
IN CAMBRIDGE, MA**



Technology is stored in the roof of the globe.

Symphonic

L E D S Y S T E M S



The Symphonic LED System utilizes the patented Crossfire Optical System. Crossfire combines the angle and position of the optics along with refraction technology to take advantage of the directional nature of the LEDs. The result are beams of light weaving together to create the appearance of a single light source, which maximizes light output and downward uniformity.

The Crossfire optical system is combined with Spring City's patented Coolcast Thermal Management System to enhance light output performance, increase longevity, and drastically reduce maintenance costs. Coolcast controls heat through its horizontal and vertical ribbing which pulls heat away from the Crossfire optics directing outward to dissipate through the cast aluminum hood. This creates stable low temperatures to allow the other components of the fixture to work at their optimal level.

The Symphonic LED System orchestrates individual engineering achievements into a system that increases downward uniformity while achieving over 130+ lumens per watt and meets RP-8. The unique performance now allows customers the flexibility to evaluate wattage and pole placement which can lower upfront costs and improve the ROI.



Symphonic X-Series



Spring City's newest addition to the Symphonic LED Line is redefining industry performance ratings and increasing ROI for its consumers. This progressive solution unites all of the traditional Symphonic system components into one unified structure. Aptly named the Symphonic X-Series LED System, the new line is a fusion of engineering and architectural brilliance. The system's strong foundation from proven engineered innovations of the Coolcast Thermal Management System and Crossfire Optics; and it's designed to fit and perform inside a traditional acorn globe. These advancements result in overwhelming superiority compared to similar systems on the market – providing increased lifetime, improved ROI, and the ability to achieve more than 130+ lumens per watt.

Technology is one unified structure stored in the globe of traditional acorn.



COOLCAST™ THERMAL TECHNOLOGY

Spring City's patented Coolcast™ thermal management system enhances light output performance, increases longevity, and drastically reduces maintenance costs. The Symphonic and Symphonic X LED Systems utilize Coolcast™ to control heat through its directional ribbing – which pulls heat away from the optics, and in the case of the Symphonic, dissipating the heat to the outside through the cast aluminum hood. The Coolcast™ effectively maintains stable low temperatures and allows the other components of the fixture to work at their optimal level.

LED	L 90 REPORT 1000 mA		
--	Ts1	Tsi (INTERPOLATED)	Ts2
Tsp	55°C	67°C	85°C
Tsp	328.15 K	340.15 K	358.15 K
Ea / kB	--	1.13E+03	--
A	--	8.495E-05	--
α	2.745E-06	3.10E-06	3.660E-06
β	1.02	1.302	1.025
Calculated L70	L70(18K) = 137,000 Hours	L70(18K) = 122,000 Hours	L70(18K) = 104,000 Hours
Reported L70	L70(18K) = 108,000 Hours	L70(18K) = 108,000 Hours	L70(18K) = 104,000 Hours
Calculated Lifetime	L90(18K) = 46,000 Hours	L90(18K) = 41,000 Hours	L90(18K) = 36,000 Hours
Reported Lifetime	L90(18K) = 46,000 Hours	L90(18K) = 41,000 Hours	L90(18K) = 36,000 Hours

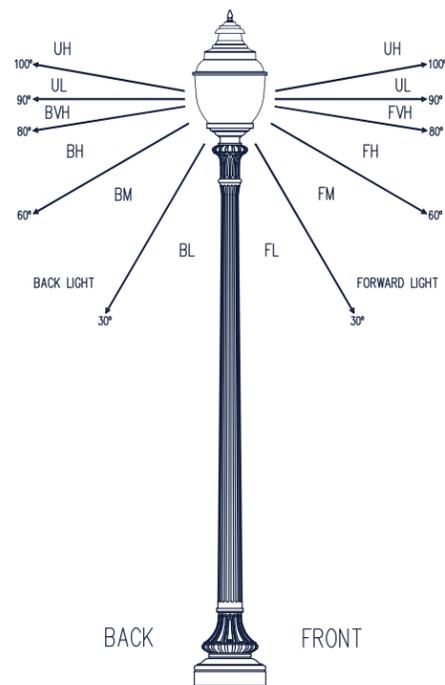
**TRADITIONAL
SYMPHONIC COOLCAST™
THERMAL TECHNOLOGY
STORED IN ROOF**



**SYMPHONIC X COOLCAST™
THERMAL TECHNOLOGY
STORED IN GLOBE**

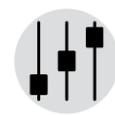
OPTICAL TECHNOLOGY

The Symphonic and Symphonic X LED Systems take advantage of refraction technology to harness and amplify the directional nature of LEDs. The Symphonic utilizes the patented Crossfire Optical System, which combines the angle and position of the optics. The precision of this placement produces beams of light weaved together to create the appearance of a single light source, which maximizes light output and downward efficiencies. The Symphonic X LED optical system is engineered to provide superior efficacy and better uniformity. The LED board location within the globe combined with the refractive optical system provides high efficacy of more than 130+ lumens per watt.



SYMPHONIC ELECTRICAL TECHNOLOGY

The electrical system is composed of the best chip on the market, and a class one driver. The combination of these two components greatly improves the efficiency and life of the system. By utilizing a class one driver, the Symphonic LED system allows our systems to have more flexibility. Optimal system efficiency is achieved from the combination of the class one driver and maximizing the driver's wattage potential.



ADAPTIVE LIGHTING CONTROLS

Spring City can help provide a variety of advanced adaptive control platforms to meet your specific needs.

THE SPRING CITY GUARANTEE



LIMITED 10-YEAR LED WARRANTY

Products that Spring City Electrical Manufacturing manufacturers are guaranteed against defects in material and workmanship while in proper usage for a period of 10 years from shipment date. Replacements will be furnished in exchange for defective units. The furnishing of such new units shall constitute fulfillment of Spring City Electrical Manufacturing obligations and liabilities. The foregoing warranties are in lieu of all other expressed and implied warranties (except title) including without limitation warranties of merchantability and fitness for purpose. Spring City Electrical Manufacturing will not allow or be liable, under any circumstances, for any special, incidental, indirect or consequential damages or claims arising from the supply or use of any material furnished by it. We assume no responsibility for field modification of any kind made to any of our products.

INDEPENDENTLY TESTED FOR VERIFIABLE PERFORMANCE

We certify that our test data is verified for performance by utilizing an independent testing lab that is listed as an approved lab by the DOE's caliper program.

WARRANTY EXCLUSIONS

Spring City products are individually made. Since each product is unique, small surface variations should be considered normal and are not covered under this warranty. This warranty does not extend to products, which in the opinion of Spring City, have been subject to modification, abuse, improper installation or application, or negligence in their storage, maintenance, transportation or handling.

WARRANTY PROCEDURES

Warranty claims should be made in writing and submitted to:

Warranty Claims Department
Spring City Electrical Manufacturing
PO Box 19 Main & Hall Streets
Spring City, PA 19475



DARK SKY

COMPLIANT LED FAMILY

WHAT IS DARK SKY COMPLIANT?

The Dark Sky initiative aims to have a healthier and happier night environment by diminishing light pollution. Spring City's Dark Sky Compliant fixtures showcase the commitment to lowering light pollution while offering a unique range of aesthetically designed Dark Sky Compliant options. Beautifully crafted design married with environmental consciousness.

- Roof mounted optics
- Flat lens emits no direct light above 90 degrees
- 2200k-3000k
- Limits light trespass
- Minimizes sky glow
- Reduces nuisance glare



Many of our products not listed in this section are available as Dark Sky Compliant. They are marked with our Dark Sky Logo.



Allard

27 5/8" high x 13 1/2" wide

ALMALL-LE-1FC



Yorktown

36" high x 20 1/2" wide

ALMYRK-M2-LE-2F2-



Columbia

21 3/4" high x 17 11/16" wide

ALMCLU-LE-GPLO-



Edgewater

32 3/4" high x 20" wide

ALMEDM-LE-2F2-

DARK SKY

COMPLIANT LED FAMILY



William & Mary
34" high x 16 5/8" wide
ALMWM-LE-2F2-



Clearwater
43 1/16" high x 18" wide
ALMCLW-LE-2F2-



Richmond
39" high x 23 1/8" wide
ALMRCH-LE-2F2-



Richmond M2
31 1/4" high x 23 1/8" wide
ALMRCH-M2



Lechmere Radial Wave Shade
23 1/2" high x 33" wide
ALMLCH-M4-LE-2F2



Exton
12 1/8" high x 20" wide
ALMETN-M1--GPLO-

Augusta Dark Sky Family



Del Ray
39 1/2" high x 18" wide
ALMAGS-M12-LE-EVX-2F2-FPA-CU



Round Roof Del Ray
45 1/8" high x 18" wide
ALMAGS-M21-LE-EVX-2F2-FPP-CU



Dunmore
31 3/8" high x 18" wide
ALMAGS-M4-LE-EVX-2F2-FPA-CU



Round Roof Dunmore
37" high x 18" wide
ALMAGS-M22-LE-EVX-2F2-GES



Key West
39 1/2" high x 18" wide
ALMAGS-M6-LE-EVX-2F2-FPA-CU



Round Roof Key West
45 1/8" high x 18" wide
ALMAGS-M23-LE-EVX-2F2-GES



Meriden
35 1/8" high x 18" wide
ALMAGS-M19-LE-EVX-2F2-FPA-CU



Round Roof Meriden
40 7/8" high x 18" wide
ALMAGS-M24-LE-EVX-2F2-GES



New Frontier
37 5/8" high x 18" wide
ALMAGS-M11-LE-EVX-2F2-FPA



Round Roof New Frontier
43 1/4" high x 18" wide
ALMAGS-M5-LE-EVX-2F2-GES



Washington
39 1/2" high x 18" wide
ALMAGS-LE___-EVX-2F2-FPA



Round Roof Washington
45 1/8" high x 18" wide
ALMAGS-M2-LE___-EVX-2F2-GES



Villanova Large
29 3/4" high x 18" wide
ALMAGS-M10-LE-EVX-2F2-FPA



Round Roof Villanova Large
35 3/8" high x 18" wide
ALMAGS-M25-LE-EVX-2F2-GES



PENDANT

LED PRODUCT FAMILY



Ivy
26 1/4" high x 17 1/8" wide
ALMIVY-LE



Bishop's Crook
31 7/8" high x 17 1/8" wide
ALMBCC-LE



Lechmere
28 7/8" high x 33" wide
ALMLCH-LE



Lechmere Radial Wave
23 1/2" high x 33" wide
ALMLCH-M4-LE



Grand Central YGCO
33 3/4" high x 22 1/4" wide
ALMGCP-LE-YGCO



Grand Central GPLO
21 1/8" high x 22 1/4" wide
ALMGCP-LE-GPLO



Manchester
26 3/4" high x 17" wide
ALMMNC-LE



Exton
19 1/4" high x 30" wide
ALMETN-MI--GPLO



Exton Mini
12 1/2" high x 22" wide
ALMETM-LE

Columbia Style Family



GPLO W/M6
21 3/4" high x 17 11/16" wide
ALMCLU-LE-GPLO-MG



YSLF M6
24 1/4" high x 32" wide
ALMCLU-LE-YSLF-M6



M6
35 9/16" high x 32" wide
ALMCLU-LE-M6



GPLO
22 3/4" high x 17 11/16" wide
ALMCLU-LE-GPLO



GS10 M6
30" high x 32" wide
ALMCLU-LE-GS10-M6



YSLF
24 1/4" high x 17 11/16" wide
ALMCLU-LE-YSLF



GS10
30" high x 17 11/16" wide
ALMCLU-LE-GS10



LC3
35 9/16" high x 17 11/16" wide
ALMCLU-LE-LC3

ACORN

LED PRODUCT FAMILY



RIBBED TOP



SMOOTH TOP



SPUN TOP



OPEN TOP

GLOBE STYLE

Why choose between performance and aesthetics? No matter if your trying to match an existing streetscape or starting from scratch, Spring City can deliver the desired aesthetics without compromising on longevity or performance. It all starts with globe selection. Select the globe that best fits the desired style and match it with a fitter of your choice.



107



192



**G637
GLASS**



199



118



299

ACORN

LED PRODUCT FAMILY



FITTER STYLES

Spring City offers an abundant amount of fitters to match existing luminaires or create a desired appearance on new installations. From the simple to the ornate, Spring City has the style.

*Sizing is available for each on springcity.com
 **Not all fitters fit all globes



Villa Large
Fits all globes



Villa Small
Fits all globes



San Antonio Small
Fits all globes except 192, G637, & 199



Dunmore
Fits all globes



Bryn Mawr
Fits all globes except 199



Worthington
Fits all globes except G637



Gettysburg
Fits all globes



New Frontier
Fits all globes



Delray
Fits all globes except 192 & 199



Washington
Fits all globes



Key West
Fits all globes except 192



Borough

46 1/2" high x 20 1/2" wide
ALMBRH-LE



Grosse Pointe Large

46 1/2" high x 20" wide
ALMGPL-LE



Quality Hill

46 3/8" high x 22" wide
ALMQTL-LE



Reading

43 7/8" high x 16" wide
ALMRDG-LE



Bryant Park

42 5/8" high x 17 3/4" wide
ALMBRY-LE



Grosse Pointe Small

39 1/8" high x 20" wide
ALMGPS-LE E



Augusta

39 1/2" high x 18" wide
ALMAGS-LE-EVX-2G2-YCGA



Allard

27 5/8" high x 13 1/2" wide
ALMALL-LE



Yorktown M2

36 7/8" high x 20 1/2" Hex.
ALMYRK-M2-LE



Center City District

34 7/8" high x 18 1/4" wide
ALMCTR-LE



Franklin Square M2

34 3/8" high x 19" wide
ALMFKS-LE-M2



Spring City Park

31 3/8" high x 17" wide
ALMSCP-LE

CAST FRAME

LED PRODUCT FAMILY



CAST FRAME

LED PRODUCT FAMILY



Riverside
31 1/4" high x 17 1/8" wide
ALMRVR-LE



Park Central
26 11/16" high x 17 9/16" wide
ALMPCL-LE



Norfolk
24 5/16" high x 25 1/8" wide
ALMNRFL-LE-YF20



Michigan
34" high x 22 1/8" Hex.



Alton
32 7/8" high x 30" wide
ALMALN-LE



San Francisco
37" high x 18" wide



New Jersey State Capital
44 1/4" high x 21 3/8" dia.



Saratoga
38 3/8" high x 18 7/8" wide
ALMSRT-LE



Richmond
39 5/16" high x 23 1/8" wide
ALMRCH-LE-2F2



Richmond M2
31 1/4" high x 23 1/8" wide
ALMRCH-M2-



San Antonio Small M2
31 7/8" high x 18 1/4" wide
ALMSAS-M2-LE_-EVX-2G2



CAST FRAME

LED PRODUCT FAMILY

GLOBE STYLES (Shown on a Key West Fitter)



FITTER STYLES

Spring City offers an abundant amount of fitters to match existing luminaires or create a desired appearance on new installations. From the simple to the ornate, Spring City has the style.



EIGHT SIDED

LED PRODUCT FAMILY



William & Mary
34" high x 16 5/8" wide
ALMWM-LE



Edgewater
32 3/4" high x 20" wide
ALMEDL-LE



Harrisburg
69 1/2" high x 17 1/4" wide
ALMHR-LE



Savannah
39 1/4" high x 19 1/8" wide
ALMSVH-LE



**Harrisburg
Baltimore**
59" high x 17 1/4" wide
ALMHRB-LE



Dana Point
33 5/8" high x 15" wide
ALMDPM-LE



Fore River Bridge
29" high x 18" wide
ABDFRB-12-2.42



Fort Worth
32 7/8" high x 12 13/16" wide
AWKFTW-1S-11.50--LE

SQUARE

LED PRODUCT FAMILY



Jefferson
50 1/4" high x 16 3/8" wide
ALMJFF-LE



Clearwater
43 11/16" high x 18" wide
ALMCLW-LE-2F2



Franklin Gooseneck
39 3/4" high x 17 1/2" square
ALMFRK-LE



West Point
34" high x 20" wide
ALMWSP-LE



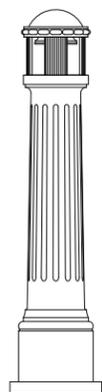
Ranch Small
23 7/8" high x 16" wide
ALMRHS-LE



Clearwater Coach
35 3/4" high x 15" wide

BOLLARD

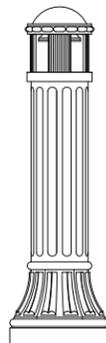
LED PRODUCT FAMILY



Princeton
Max Wattage 25
Height 42 3/8"
12" Square Width



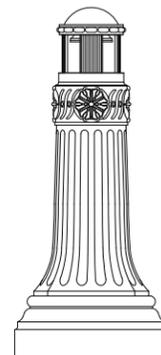
Washington
Max Wattage 25
Height 42 3/8"
Width 12"



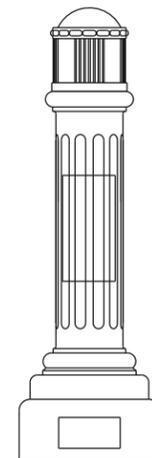
Washington Tampa
Max Wattage 25
Height 44 1/4"
Width 13" Diameter



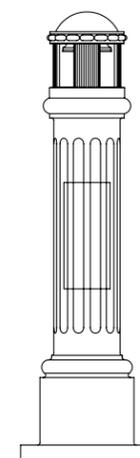
Northampton 12
Max Wattage 25
Height 36 1/2"
Width 12 1/2" Diameter



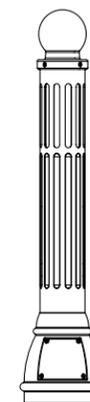
Northampton 20
Max Wattage 25
Height 45 3/4"
Width 20" Diameter



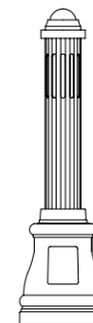
Hancock 16
Max Wattage 25
Height 51 1/4"
16" Square Width



Hancock 15
Max Wattage 25
Height 50 1/2"
15" Square Width



Michigan
Max Wattage 25
Height 47 3/4"
10" Square Width



Mount View
Max Wattage 25
Height 43"
12" Square Width

CONVERSION

LED KITS

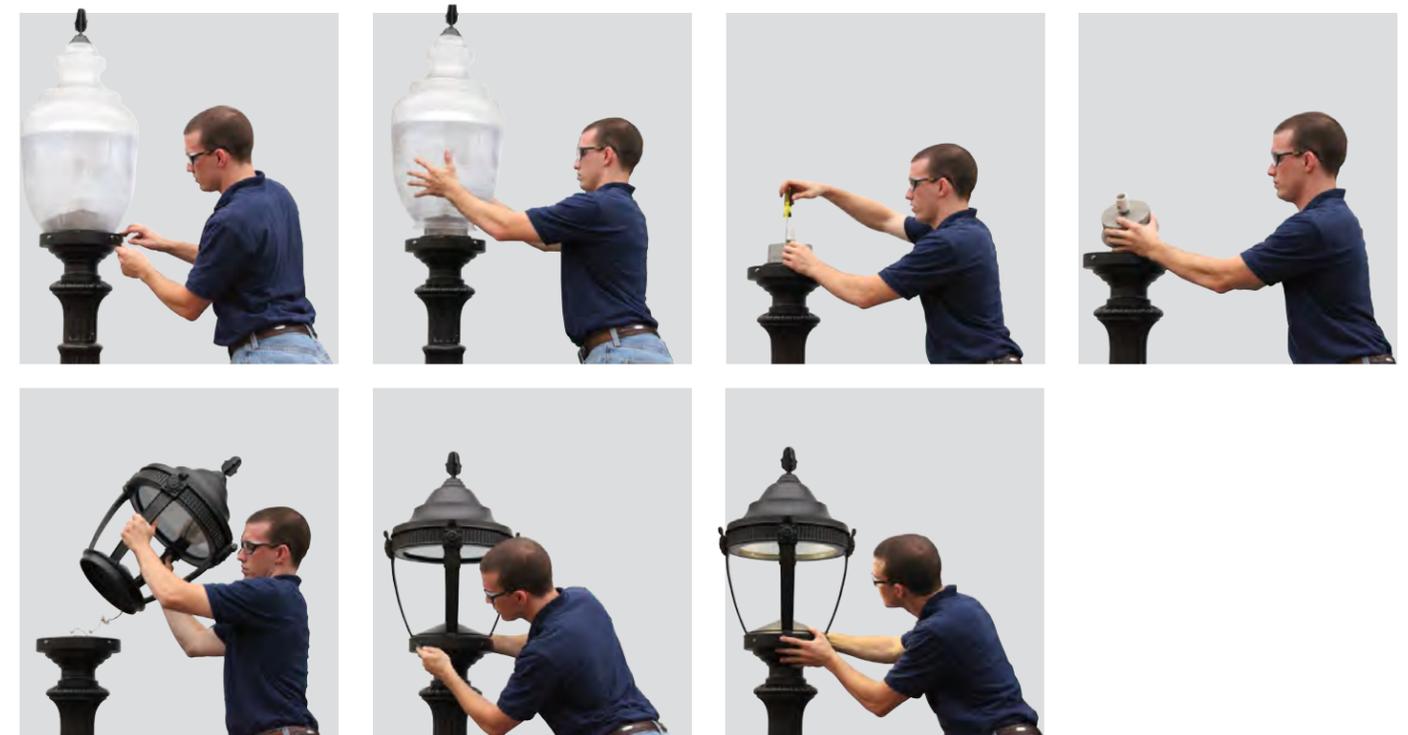


WITH SPRING CITY'S LED CONVERSION KIT, YOU CAN UPGRADE TO LED WITHOUT COMPROMISING YOUR LUMINAIRE PERFORMANCE. YOU SAVE NOT ONLY MONEY, BUT ALSO ENERGY AND MATERIALS!

The simple conversion takes just 10 minutes and requires no special tools. Best of all, it gives you an LED system that:

- Meets foot-candle requirements
- Cuts energy use up to 70%
- Lasts well over 75,000-hours
- Comes with a CoolCast™ technology, a superior optical system, and a 10-year warranty.
- Is ARRA-compliant and LEED-certified
- And like everything else we produce, they're made in America.

The Augusta fixture (pictured in conversion steps below) is just one of many luminaires included in Spring City's wide range of LED conversion kit offerings. We can also upgrade non-Spring City luminaires with our LED conversion kit.



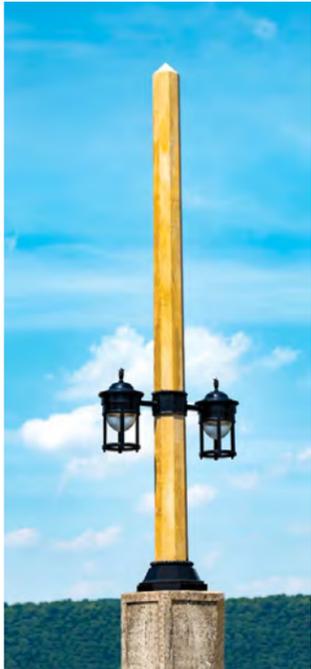
CUSTOM

— CAPABILITIES —



SPRING CITY CAN BRING YOUR IDEA TO LIFE

Whether it's a historically accurate reproduction or a custom designed fixture, Spring City's team can guide you through the process. Our extensive experience has produced a broad portfolio of work that spans historically significant reproductions to contemporary and unique fixtures. Our expert engineers can take a simple sketch, picture, or sample and turn it into a modern fixture inclusive of Spring City's industry leading LED technology. For more information please contact us!



— SPRING CITY LED TECHNOLOGY. —

IT'S CLASSIC MADE BETTER.



THE SPRING CITY STORY DEFINES AMERICAN DETERMINATION, INGENUITY, & SUCCESS.

Known today as the leader in designing and manufacturing technologically advanced LED street lighting, Spring City first opened its doors in 1843 as a small foundry.

In the beginning, Spring City handled a variety of projects, but the true talent came with their expertise in designing and manufacturing lamp posts. Manufacturing lamp posts with techniques pre-dating electric street lights, Spring City had installations in all major east coast cities by 1900. It was a natural progression to the modern-day era with electrical luminaries.

Fast forward to today — still in the original historic foundry — Spring City employs over 100 people encompassing the foundry, engineering, sales, and customer service departments.

Housed in one location, it provides an atmosphere of cohesion, teamwork and dedication not only to the products, but to each other. With technical expertise in both engineering and manufacturing, Spring City has and continues to set the highest standard in street lighting in the world.

From humble beginnings to the highest standards, Spring City's success stems from never losing the same small town Americana values held when the doors opened in 1843. With a strong understanding of the past, a passion for helping customers today, and a desire to solve the problems of tomorrow, Spring City will continue to surpass and set new standards in LED technology.



Spring City™
CLASSIC MADE BETTER.

Spring City Electrical Mfg. Company

One South Main Street | Spring City, PA 19475

Phone 610.948.4000 | Fax 610.948.5577

WWW.SPRINGCITY.COM



PICTURED ON THE COVER: THE APPLE STORE (WASHINGTON, DC)