

Spring City

LiteShield® Series
Luminaires



LiteShield® Series Luminaires

SAFETY AND STARLIGHT AT NIGHT. TRADITIONAL BEAUTY BY DAY.



Spring City's LiteShield Series luminaires help protect the beauty of star-filled night skies and provide efficient, controlled lighting for safe walkways and roads. By day, these master-crafted pieces enhance your site with the traditional charm of cast metal design.

Protecting the Night Sky

Preventing excess sky glow and light trespass in today's world is an objective of growing importance in site planning. The solution is to direct the luminaire output toward the lighting task and prevent light from going directly skyward.

Minimizing Light Trespass

Light trespass is the unwanted intrusion of light onto properties adjacent to the site. The use of LiteShield luminaires is an important step in reducing light trespass. In addition, IESNA recommends a survey of adjacent properties, so you can assess how they will be affected by your lighting plan, and make adjustments to luminaire mounting heights and post locations as needed.

Daytime Performance

Some lights turn utilitarian and boring as soon as the sun comes up. As important as a luminaire's performance at night is its performance during the day. Does it enhance the look of the site where it stands?

LiteShield luminaires are beautifully wrought in traditional, cast metal designs. They are perfectly complemented by a wide range of matching

posts and bases, as well. Their designs have been part of numerous award-winning Main Street projects and grace university campuses and other prestigious locations throughout the United States.

Safety: A Primary Goal

The primary objective of pedestrian and street lighting is always safety. Pedestrians need to see where they are going and be able to avoid obstacles. They need to feel safe.

LiteShield luminaires enhance safety by maintaining adequate horizontal illumination. They also let you improve your lighting plan's efficiency – and economy – by putting just the right amount of light only where you need it.

To feel safe, pedestrians need to be able to identify people – and their intentions – at a comfortable distance. They can do this when a portion of the luminaire's light output is in a more controlled distribution. LiteShield luminaires illuminate figures standing at a greater distance, improving security and increasing the comfort of pedestrians.



THE CHOICE OF LIGHTING DESIGNERS

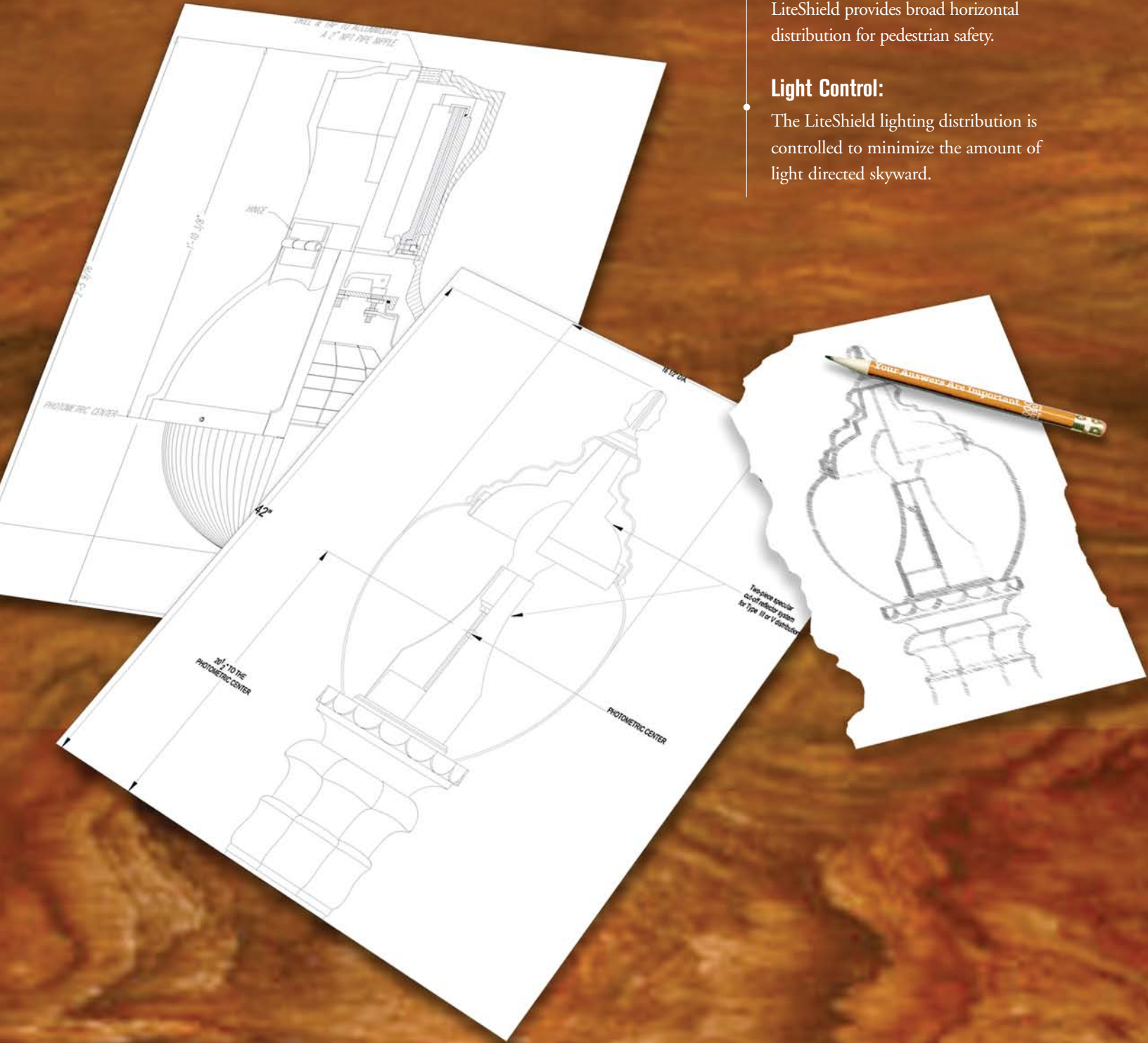
You can choose from three LiteShield Series luminaire families. All three feature advanced technology for photometric control, with posts and bases from the vast library of Spring City styles. All three LiteShield families provide:

• **Pedestrian Safety:**

LiteShield provides broad horizontal distribution for pedestrian safety.

• **Light Control:**

The LiteShield lighting distribution is controlled to minimize the amount of light directed skyward.



UNSURPASSED BEAUTY DURING THE DAY

As important as nighttime lighting performance is, it's important to also consider how your lighting will look during the day. And when the sun comes up, your LiteShield Series luminaires will shine.

LiteShield Series luminaires are individually cast. This gives the metal surface a complex texture, whose timeless beauty is a cherished hallmark of traditionally crafted metal.

Combined with perfectly matched posts and bases from the Spring City collection, LiteShield luminaires will give your site beauty, unity, and most important, what every designer strives for: the sense of place.



Acorn Globe Family LiteShield Luminaires

The Acorn Globe Style features a solid top and is designed for post-top mounting. It uses a vertical lamp with bi-reflector optic system. It is classified IES distribution type III and V, Cutoff. Acorn Globe example shown: Armory Square



Coach Lantern Family LiteShield Luminaires

The Coach Lantern Style is designed for post-top mounting. It uses a horizontal lamp with segmented reflector and clear panels. It is classified IES distribution type III and V, Cutoff.

The Coach Lantern Style is also available with a vertical lamp application, with bi-reflector optic system and clear panels. It is classified IES distribution type III and V, Cutoff. Coach Lantern example shown: William and Mary.



Pendant Family LiteShield Luminaires

The Pendant Style features a vertical lamp with a hydroformed optic system. It is classified IES distribution type III and V, Cutoff. Pendant Style Luminaires are IP 66 Rated. Pendant example shown: Columbia Junior

Enhance the Sense of Place

Because your Spring City lamp posts are individually cast, you can optionally add a beautifully crafted medallion to the base, showing your town's seal or your university's crest. The handsome bas-relief medallion is actually cast in metal as part of the base itself.



DESIGNED TO MATCH

Here at Spring City, we have been creating cast-metal designs for over 160 years, ever since our founding in 1843. This long history has produced the world's largest design library of lamp post elements: luminaires, arms, posts, and bases, in both cast iron and cast aluminum.

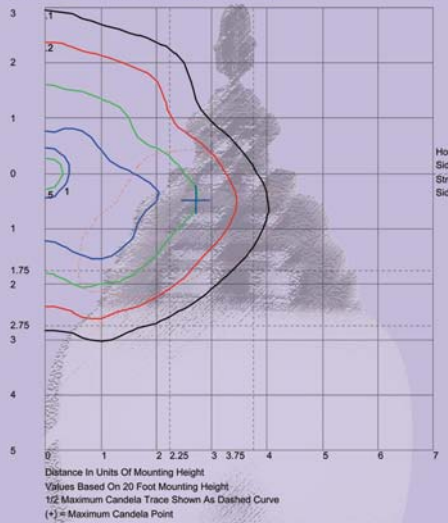
You'll find the perfect post and base to complement your choice of LiteShield luminaire. You can also select from a full line of matching Spring City bollards and traffic controls to fully unify the design of your site.

Our unique manufacturing methods allow us to efficiently create custom designs, too. We can do virtually any design you need, from putting your town or university crest on the lamp post base, to crafting a beautiful historic reproduction, to creating a completely new design for your site.

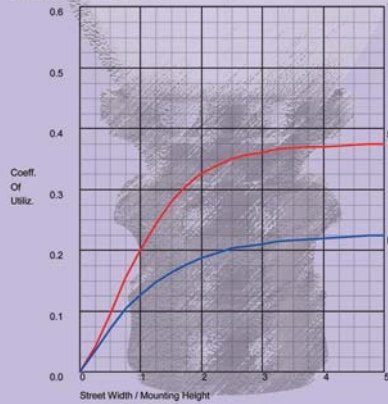
LITE SHIELD SERIES LUMINAIRES: DESIGN AND PERFORMANCE DATA

LiteShield Series luminaires give you the perfect combination of controlled-dispersion lighting and site-enhancing beauty.

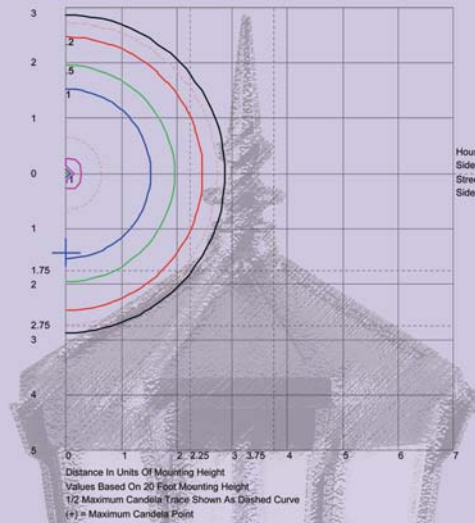
Isofootcandle Lines of Horizontal Illuminance



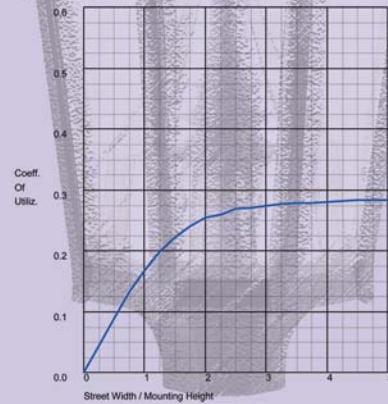
Coefficients of Utilization



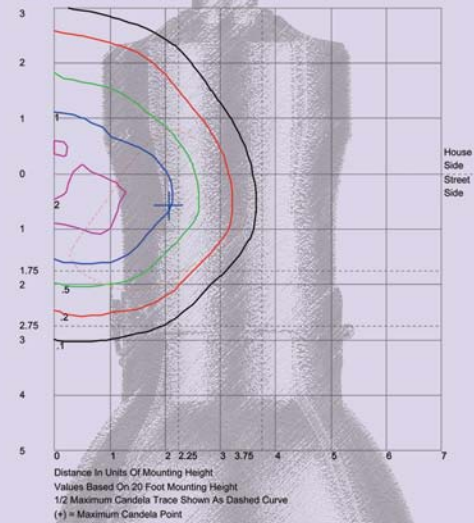
Isofootcandle Lines of Horizontal Illuminance



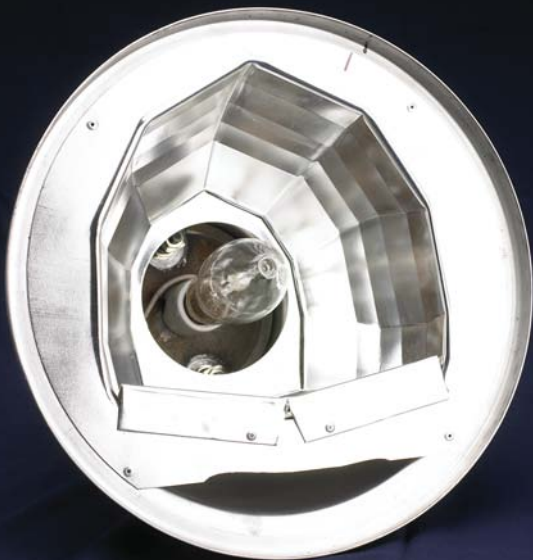
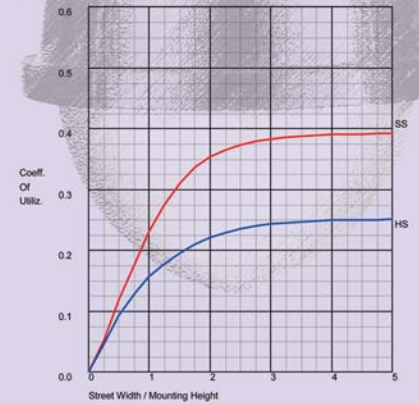
Coefficients of Utilization



Isofootcandle Lines of Horizontal Illuminance



Coefficients of Utilization



Light Control

LiteShield luminaires use a specially designed reflector that directs more of the luminaire's light to where it's needed: onto walkways, parking areas, and roadways. Far less of the luminaire's light travels upward into the sky.

This means you get the bright, efficient illumination you need for safety, while LiteShield Series luminaires help to reduce "skyglow," the stray light above population centers that can degrade our view of the stars even on clear nights.

CREATING THE SENSE OF PLACE™

When your setting calls for the warmth and beauty of cast metal lamp posts, you'll find the world's largest selection at Spring City, from an immense range of classic traditionals to the most contemporary styles and custom designs — in both cast iron and cast aluminum.

That's why American towns, cities, and universities have chosen Spring City more often than any other brand, since 1843.

Contact Spring City today. We'd be happy to discuss the plans you're developing. Call (610) 948-4000, or visit us at www.springcity.com.



SPRING CITY

SPRING CITY

Hall & Main Streets
P.O. Box 19, Spring City, PA 19475
Tel: (610) 948-4000 Fax: (610) 948-5577
Email: info@springcity.com
Web: www.springcity.com