

STERLING LIGHTING

PRODUCT CATALOG



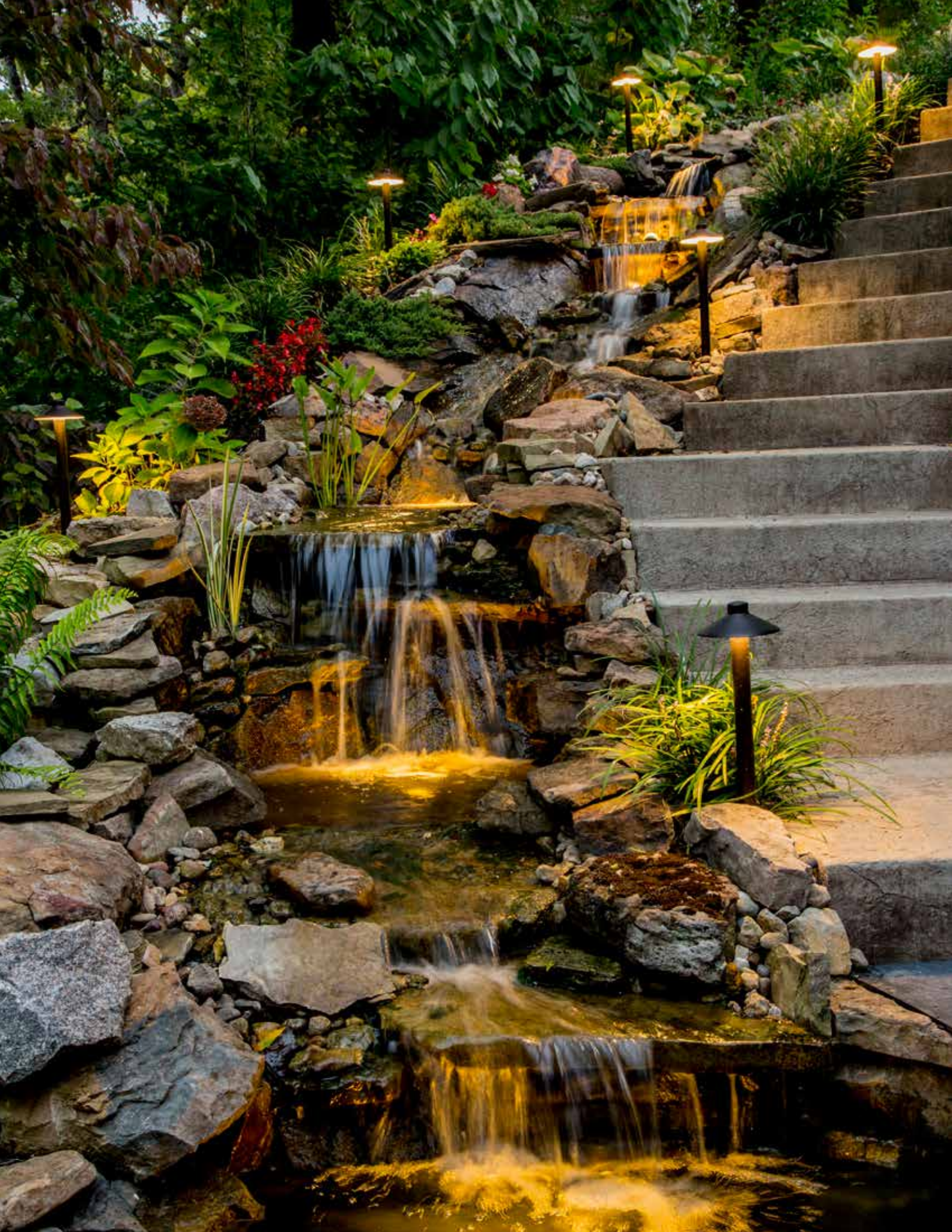
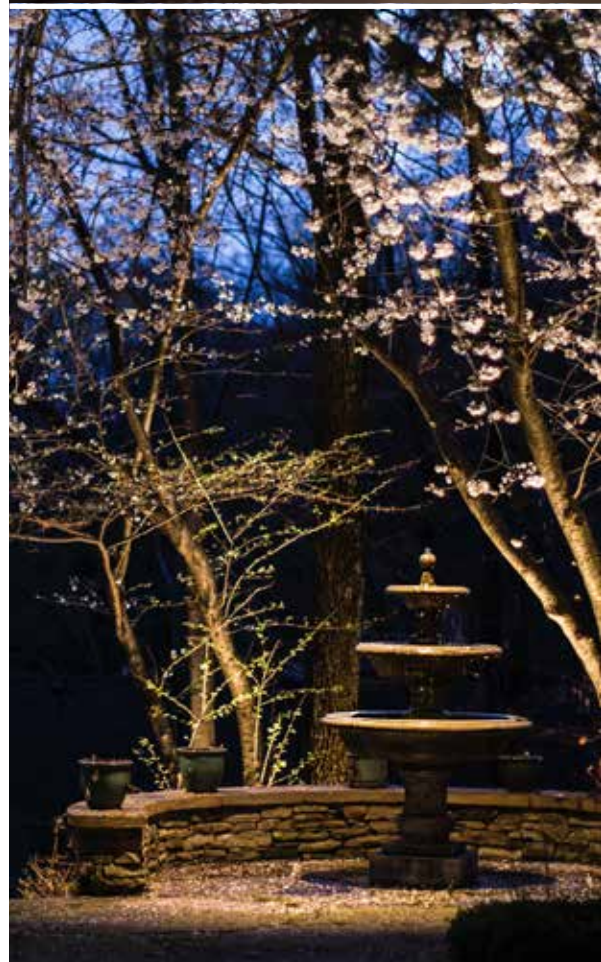


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Our Story

By lighting contractors, for lighting contractors

After starting his own lighting installation company in Northern Virginia, Sterling Lighting co-founder, Patrick Harders, soon realized he had a problem. A year into installing so-called “premium” LED fixtures from a manufacturer out of California, half of the fixtures had failed and warranty claims were taking up to six months to be resolved.

At that time, LEDs were still new to the industry and most manufacturers were focused on improving their old halogen systems. With no other manufacturer to provide the high-quality, LED fixtures he needed, Patrick knew there was only one option left. He would have to create his own.

Having previously collaborated on independent fixture design projects for other manufacturers, Patrick knew he had the capacity to create a new, innovative line of fixtures that met his standards for quality, performance, and reliability.

Together with his two business partners, Damien Sanchez and Josh Palmer, and a team of seven engineers, they set out to create the ultimate line of fixtures, merging the latest advances in LED technology with premium quality components and all

the cutting-edge features a professional contractor could want.

In 2013, they revealed Sterling Lighting’s signature line of fully-dedicated and integrated fixtures, featuring high-grade materials, including marine-grade, virgin brass and 316 stainless steel, the latest in LED technology, and innovative designs that improve the installation process.

Even as Sterling Lighting has grown, our founders have stayed connected to their roots. Today, they continue to design and install lighting systems using their own line of fixtures and conduct research and development to ensure every Sterling Lighting product outshines the competition.

Sterling Lighting is here to revolutionize the lighting industry with high-quality products, innovative features, contractor-exclusive pricing, and turnkey, print marketing solutions. It’s not just about providing a product, Sterling Lighting is committed to helping your business thrive.

Once you see our fixtures in action, you’ll know why Sterling Lighting is one of the fastest growing lighting manufacturers in the country.





“

At Sterling Lighting we wanted to come along those in the industry who are designing and installing amazing lighting systems and help them be more successful. We offer a product line that is durable and reliable; something that our people can put in the ground and count on to last and perform better than anything else on the market.

”

- Patrick Harders, Co-Founder

Fixture Definitions

Integrated

Integrated fixtures have all electrical and LED components built directly into the fixture's housing. Integrated fixtures are not serviceable, and must be entirely replaced when the LED eventually burns out. Because these fixtures have all the components built into the fixture's housing, they are well-sealed and best for use in environments with abundant water or moisture.

Dedicated

Dedicated fixtures are the latest in outdoor lighting technology. With plug-and-play components, dedicated fixtures feature all the advantages of both drop-in and integrated fixtures by combining ease-of-service with proper heat-sink technology.

Drop-in/Retrofit

Drop-in or retrofit fixtures require halogen, incandescent, or retrofit LED bulbs to be "dropped" into the fixture's housing. Drop-ins are easy to service, but are prone to premature failure due to improper thermal management.



The Future is Bright with Integrated and Dedicated Fixtures



When we began to design our fixtures, we had three things in mind: **long-lasting performance**, **ease-of-service**, and **proper thermal management**. A fixture with all these qualities will save you the hassle of going out on several service calls to change burnt-out bulbs, replace faulty fixtures, and deal with related repairs and maintenance.

Long-Lasting Performance

Performance is everything, which is why our fixtures are crafted from high-grade materials so they can withstand the elements year after year. Our hardscape and underwater lights are fully-integrated to protect them from water damage and are crafted from 316 stainless steel to prevent rust and corrosion. All our dedicated fixtures are made from marine-grade, virgin brass. Unlike recycled brass, which contains many impurities that can cause pitting in the fixtures, our marine-grade, virgin brass is guaranteed to last a lifetime.

Ease-of-Service

Service calls are an inevitable part of the lighting business. However, they don't need to be a time-consuming hassle. Our dedicated fixtures, such as our up light, flood light, and path light, simplify service calls with plug-and-play components that can be changed out in just minutes.

Proper Thermal Management

If heat inside the fixture is not properly dispersed, the LED will experience a change in its color output and fail prematurely. This problem often occurs in drop-in fixtures due to the pocket of air that surrounds the bulb. This air pocket traps heat instead of dissipating it. However, because our integrated and dedicated fixtures were designed specifically for LED systems, they are able to properly dissipate heat. This allows them to last longer and stay true to their original color.

Craftsmanship is Everything

To create a line of fixtures that would last a lifetime, we knew we needed more than innovative designs. We needed quality materials that could withstand the elements: from frigid northern winters to salty, windy summers on the coast. So, we began to research our options and look for the best materials available. That's why we decided to use marine-grade, virgin brass and 316 stainless steel for all our fixtures.



Fixture materials used in the industry

FIXTURES	APPLICATIONS	PROS	CONS
Low Grade Plastic or Aluminum	Used in low-end fixtures often sold at hardware or big box stores.	Extremely inexpensive.	Extremely low quality.
Higher Grade Plastic	Used in well lights and bullet lights.	Low cost and durable.	The fixtures are bulky and their finishes fade in the sunlight.
Aluminum	Used in bullet lights, path lights, and down lights.	Lower cost, lighter weight.	Aluminum pits and corrodes and powder coating peels. Lower grade aluminum lasts 1-2 years. High-grade aluminum lasts 5-6 years.
Recycled Brass	Used in bullet lights, path lights, and down lights.	Stronger than copper and aluminum. Costs less than sand-cast bronze.	Impurities from the recycling process can create weak spots, compromising the integrity of the fixture.
Copper	Used in bullet lights, path lights, and down lights.	Copper has a beautiful look and is great for certain applications. The metal will last a lifetime outdoors.	Because copper is a soft metal, it will dent and ding easier. Not everyone likes the look of weathered copper.
Sand-Cast Bronze	Used in bullet lights, path lights, and down lights.	Stronger than copper and will last a lifetime outdoors.	The sand-cast provides a rough finish and the fixture will age similar to copper.
Red Brass	Used in bullet lights, path lights, and down lights.	Red brass contains 78-80% copper and will last a lifetime outdoors.	Because of its high copper content, red brass is softer than other materials and will dent and ding easier.
Marine-Grade, Virgin Brass	Used in bullet lights, path lights, and down lights.	Strongest material available and lasts a lifetime outside. It ages better than copper and sand-cast bronze, even in marine environments.	Most expensive material to use.
304 Stainless Steel	Used in underwater lights.	304 stainless steel is the most common type of stainless steel. It is a very durable material.	When exposed to marine environments, 304 stainless steel is susceptible to corrosion.
316 Stainless Steel	Used in underwater lights.	Strongest stainless steel available and lasts a lifetime outside, even in marine environments.	Most expensive material to use.

Why

we use the materials we use

Marine-Grade, Virgin Brass

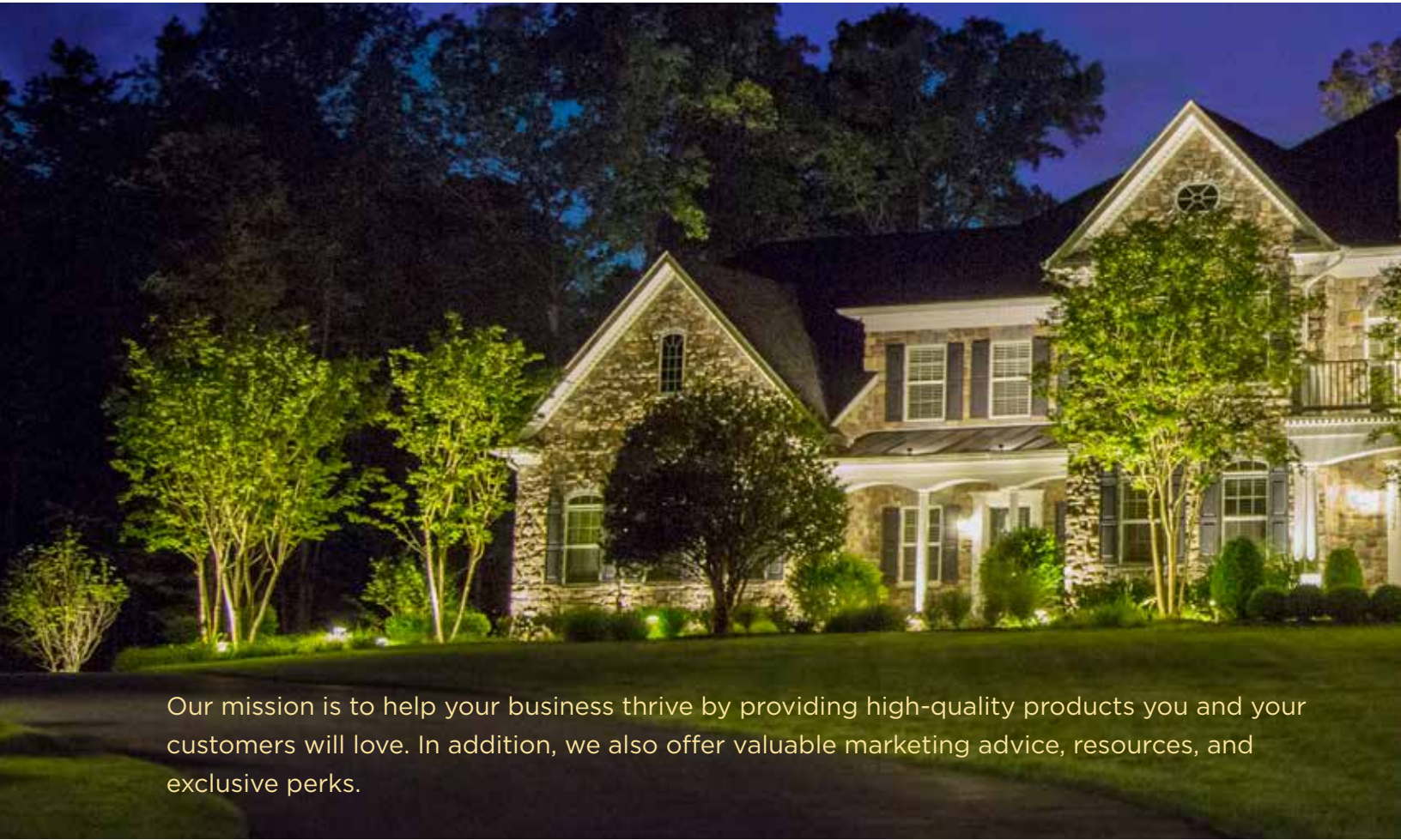
Also known as “naval brass,” marine-grade brass is—as its name implies—an alloy that resists against corrosion in saline-rich environments. Our fixtures are made from 100% pure, virgin brass, as recycled brass often contains non-brass metals that can lead to pitting and fading. After our fixtures are molded, they are coated with a beautiful, antique UV finish that reduces fading and helps them blend in beautifully with the surrounding landscape.

316 Stainless Steel

304 stainless steel is the most commonly used form of stainless steel. However, it has one weakness: it is susceptible to corrosion in saline-rich environments. 316 stainless steel, on the other hand, contains molybdenum which protects the metal against corrosive agents like saline and chlorine. This makes the metal ideal for use in high-saline environments, as well as in waterscapes and hardscapes.



Contractor Perks



Our mission is to help your business thrive by providing high-quality products you and your customers will love. In addition, we also offer valuable marketing advice, resources, and exclusive perks.

Contractor Exclusive

We believe that lighting design and installation is more than a commodity, it's a profession. While other manufacturers sell their products to homeowners and distributors, we sell exclusively to contractors. This helps us keep our focus on what's important: creating fixtures and products that will improve your installations, impress your customers, and help your business thrive.

Buy Direct

When we considered which distribution model our company would adopt, we were determined to choose a model that would save our contractors from expensive markups. By cutting out the “middleman,” our distribution model allows you to buy high-quality products at competitive prices. In addition, by buying directly from the manufacturer, any questions, suggestions, or ideas you have can be answered or addressed by the very people who designed the products you use.

Marketing Resources



Sterling Storefront

For many small business owners, it's difficult to find the time (and money) to work on marketing. That's why we created Sterling Storefront. This robust online marketing tool gives you access to marketing materials our founder has used over the past five years to grow his lighting business from \$600,000 to nearly \$2 million. With Sterling Storefront, you can create professional, customizable marketing material, all at an affordable price. To learn more, visit our website at: www.sterling-lighting.com/storefront

Video Library

Our video library offers a wealth of information for you and your customers. View tips and tricks to grow your business, access product videos you can share with your customers, and learn new lighting installation techniques. To learn more, visit our video library today at:

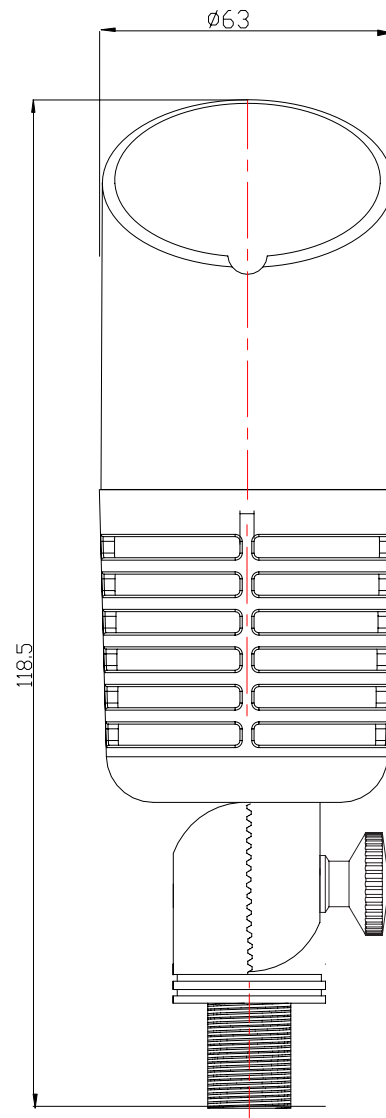
www.sterling-lighting.com/video-library



OUR FIXTURES



SL01 UP LIGHT



One Light, A Thousand Possibilities

The SL01 Up Light gives you the versatility you need to bring your customer's nightscape vision to life. This fixture does it all. With six lumen settings and removable, drop-in optics, the SL01 is the future of outdoor lighting. This fixture is crafted from marine-grade, virgin brass for durability and is finished with a UV coating that minimizes fading and keeps the fixture looking beautiful for years to come.



Specifications

Fixture Type	Dedicated Low Voltage LED
Color Temperature	Available in 2700K/3000K/5000K
Lumen Output	Adjustable: 200 lm, 280 lm, 430 lm, 500 lm, 650 lm, or 850 lm
Material & Finish	Marine-grade, virgin brass with a UV coating
Wattage	3W (min) - 12.8W (max) depending on lumen setting
Voltage Range	9V - 15V AC
Light Source	Single-source CREE CXB LED
Wire Lead	10' 18AWG
Mounting	9" ABS Plastic Stake (included)
Listing	ETL, UL1838, RoHS rated

Accessories

9" ABS Plastic Stake (included), Eagle Claw Ground Mount, Surface Mount, Gutter Mount, SL01 Shroud, Assorted Stems, Color LEDs. View more accessories on pages 36-39 of the catalog.

SL01 UP LIGHT

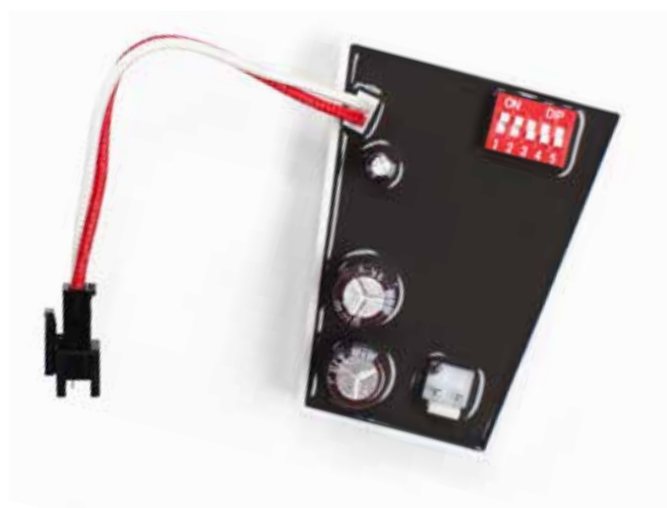
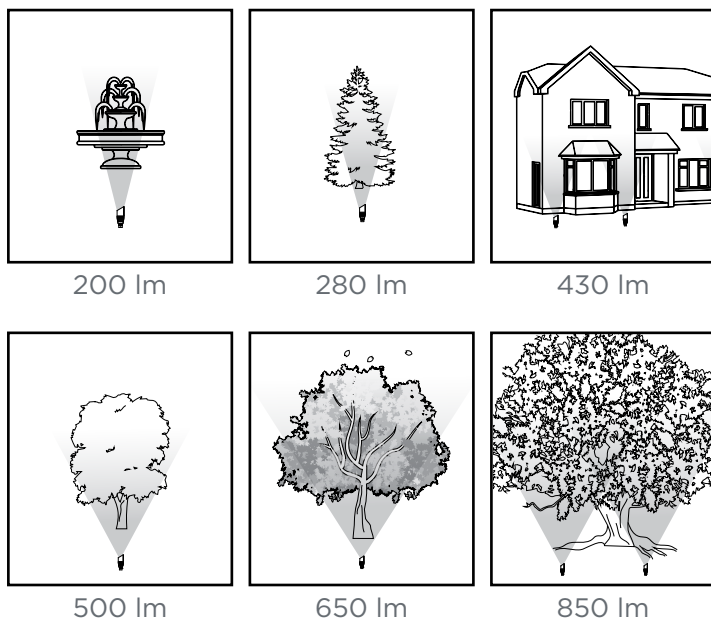
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Multiple Lumen Options

The SL01's patented trapezoid driver gives you the ability to do more with your light. With six different lumen options to choose from, changing a fixture's lumen output is as easy as flipping a switch!

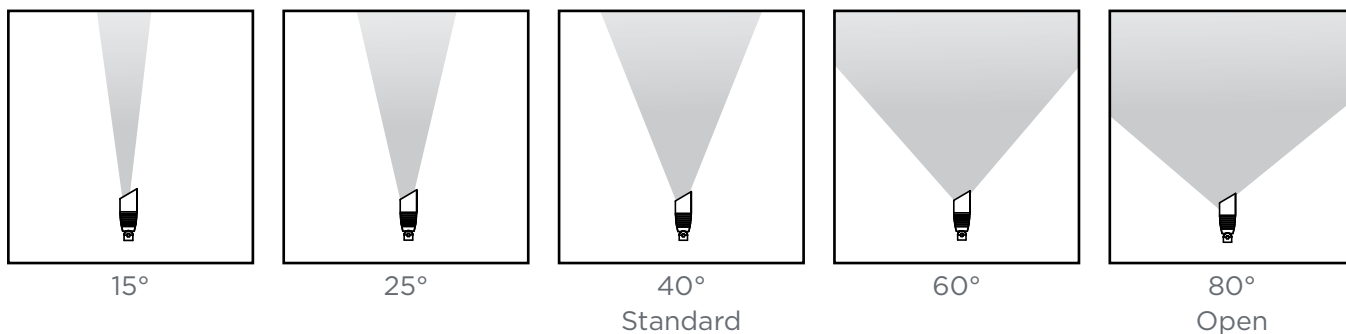
SL01 Adjustable Lumen Instructions

No pins up: 850 lm (max)	1, 2 & 3 pins up: 430 lm
1 pin up: 650 lm	1, 2, 3 & 4 pins up: 280 lm
1 & 2 pins up: 500 lm	All pins up: 200 lm (min)



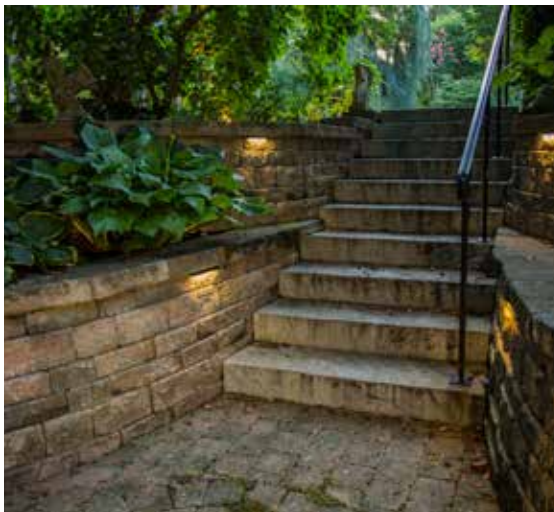
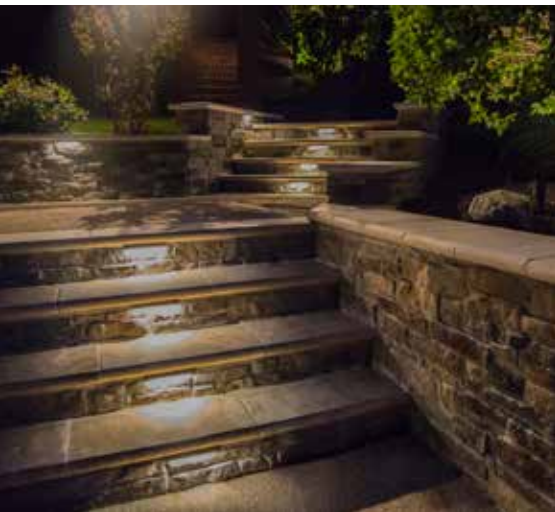
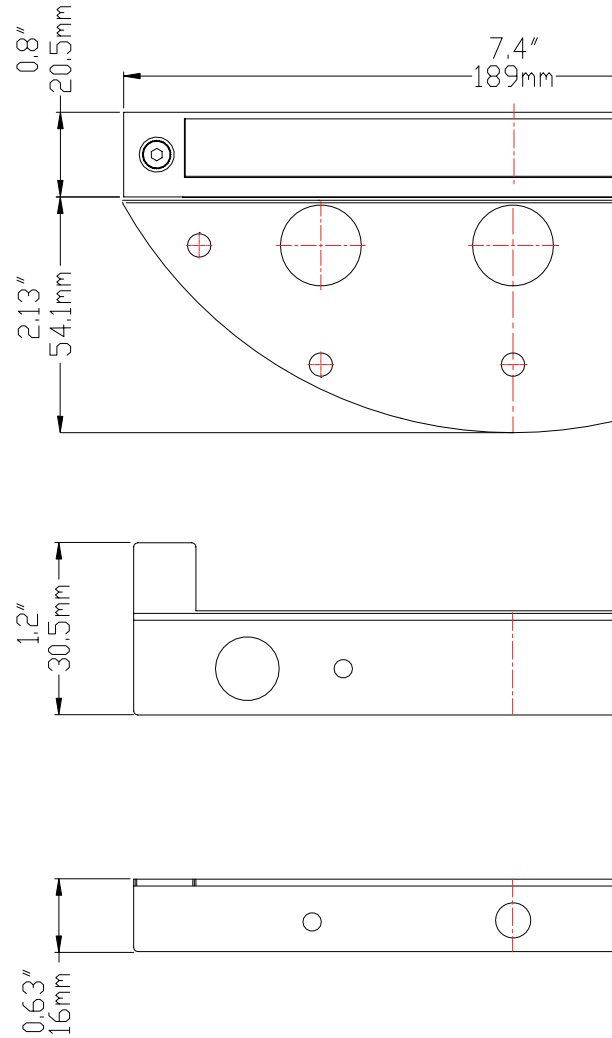
Multiple Beam Spread Options

Whether you're looking to spotlight a statue or spread light across a home's facade, it's as easy as ever to create the perfect effect with the SL01's interchangeable optics.



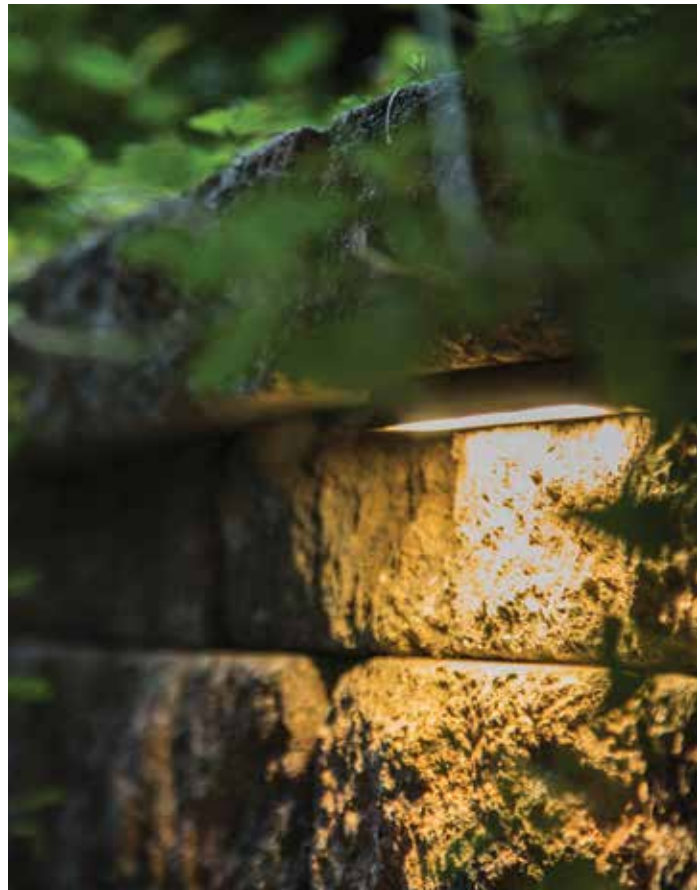


SL02 IN LINE LIGHT



The Hardscape Light that Does it All

Our fully-integrated hardscape light features three different mounting brackets for new construction, existing construction, and deck mounting. Crafted from 316 stainless steel and marine-grade, virgin brass, this fixture uses 18 Samsung 5630 LED chips to distribute a soft, even spread of light. Water has a way of seeping into hardscape structures and dripping down onto light fixtures, which is why all our SLO2s are water-tested to ensure the fixtures are completely sealed.



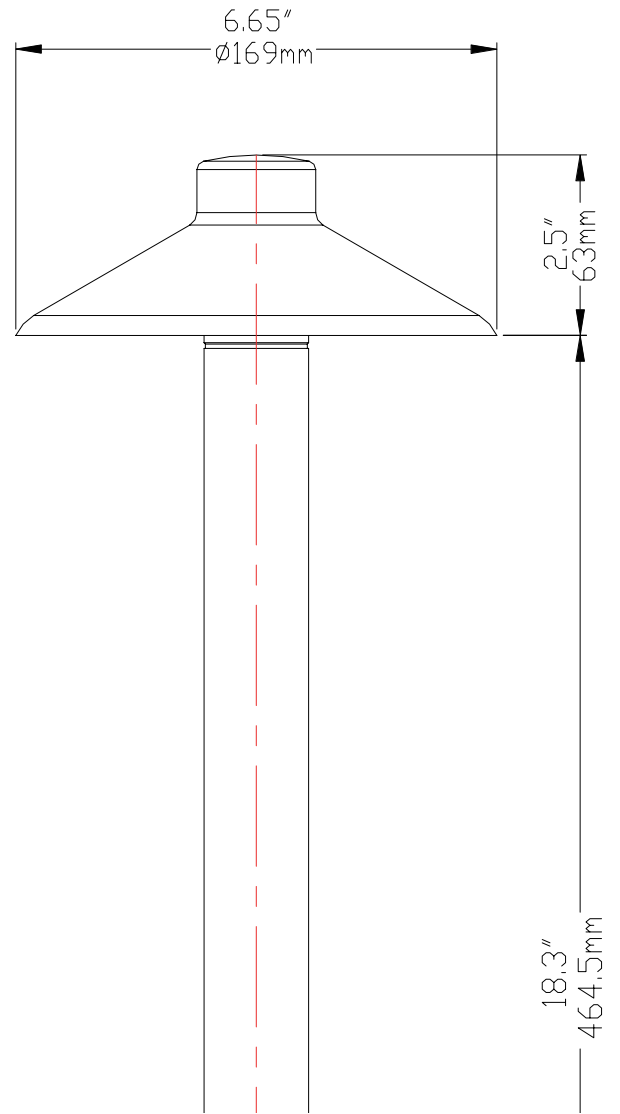
Specifications

Fixture Type	Integrated Low Voltage LED
Color Temperature	Available in 2700K/3000K
Lumen Output	80 lm
Material & Finish	Marine-grade, virgin brass with a UV coating and 316 stainless steel
Wattage	0.8W
Voltage Range	9V - 15V AC
Light Source	18 Samsung 5630 LED chips
Wire Lead	15' 18AWG
Mounting	Three 316 stainless steel mounting brackets for deck mounting, post construction, and existing construction (all included)
Listing	UL1838, RoHS, IP66 rated

Accessories

Three 316 stainless steel mounting brackets for deck mounting, post construction, and existing construction (included), SLO2 Junction Box. View more accessories on pages 36-39 of the catalog.

SL07 PATH LIGHT



Brilliant Lighting, Classic Design

With a classic design and durable construction, our signature path light shines in any application: whether lighting a winding pathway, driveway, or garden bed. Built to last, the SL07 Path Light is crafted from marine-grade, virgin brass and all its components are threaded together—never tack-welded. The single-source, CREE CXB LED is set inside the fixture to reduce glare and yields 450 lumens of brilliant light.



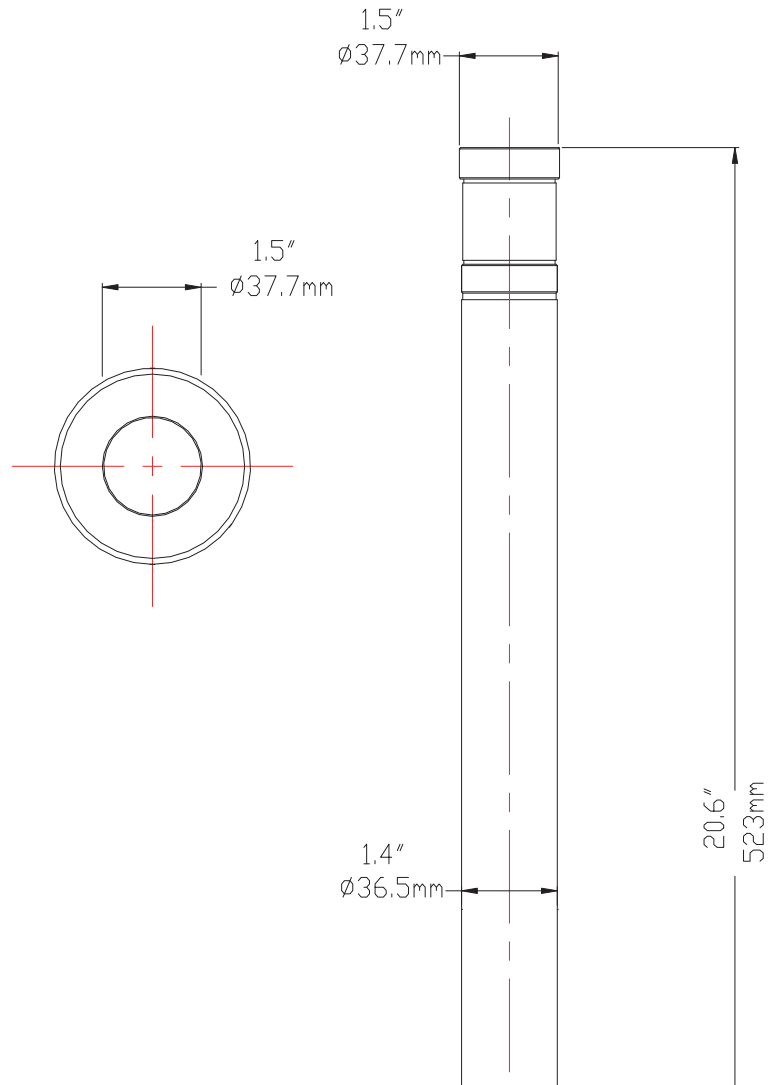
Specifications

Fixture Type	Dedicated Low Voltage LED
Color Temperature	3000K
Lumen Output	450 lm
Material & Finish	Marine-grade, virgin brass with a UV coating
Wattage	4.2W
Voltage Range	9V - 15V AC
LED Source	Single-source CREE CXB LED
Wire Lead	10' 18AWG
Mounting	9" ABS Plastic Stake (included)
Listing	ETL, UL1838, RoHS rated

Accessories

9" ABS Plastic Stake (included), Eagle Claw Ground Mount, Assorted Stems. View more accessories on pages 36-39 of the catalog.

SL07B BOLLARD LIGHT



Brilliant Lighting, Sleek Design

Our SL07B Bollard Light is the perfect fixture to illuminate modern projects and add security lighting to a property. Like the SL07 Path Light, the SL07B Bollard is crafted from marine-grade, virgin brass and all its components are threaded together—never tack-welded. This heavy-duty fixture features thick diffusers and strong threading between components. For full-spread lighting, look no further than the SL07B Bollard.



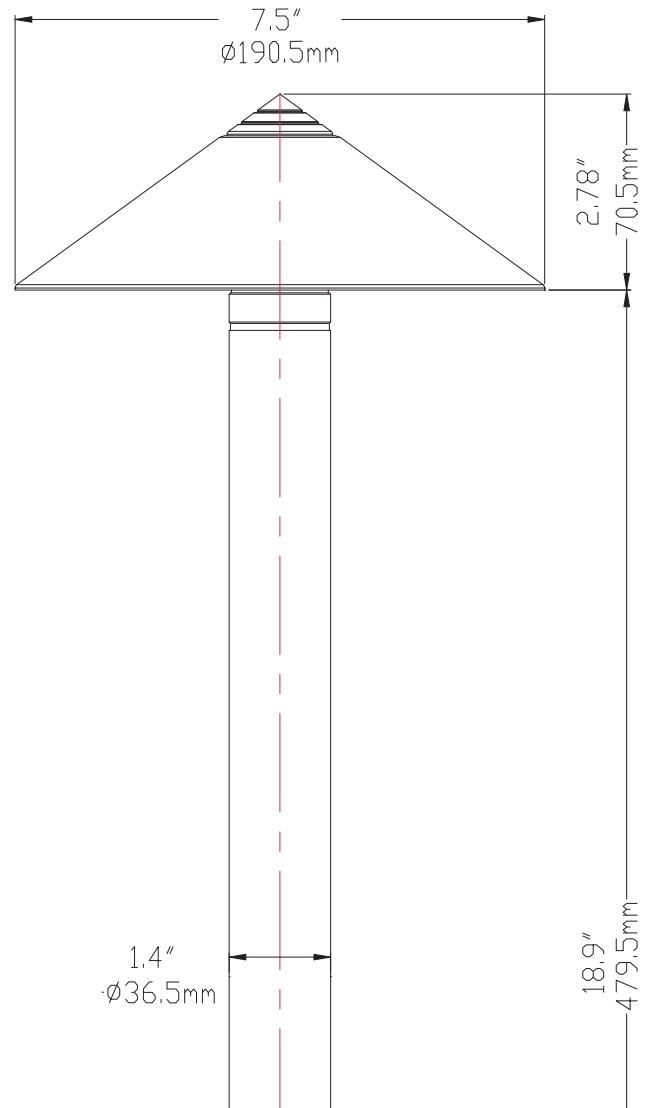
Specifications

Fixture Type	Dedicated Low Voltage LED
Color Temperature	3000K
Lumen Output	450 lm
Material & Finish	Marine-grade, virgin brass with a UV coating
Wattage	4.2W
Voltage Range	9V - 15V AC
LED Source	Single-source CREE CXB LED
Wire Lead	10' 18AWG
Mounting	9" ABS Plastic Stake (included)
Listing	ETL, UL1838, RoHS rated

Accessories

9" ABS Plastic Stake (included), Eagle Claw Ground Mount, Assorted Stems. View more accessories on pages 36-39 of the catalog.

SL07P PINNACLE LIGHT



Brilliant Lighting, Elegant Design

The SL07P Pinnacle Light features the same brilliance and construction as our classic design, but with additional style and elegance. Like the SL07 Path Light, the SL07P Pinnacle is crafted from marine-grade, virgin brass and all its components are threaded together—never tack-welded. The single-source, CREE CXB LED is set inside the fixture to reduce glare and yields 450 lumens of brilliant light. Over time, the untreated brass tip on the cap of the fixture is designed to age naturally and patina.



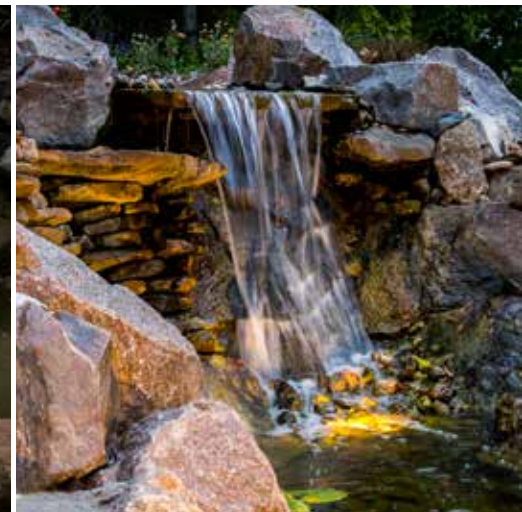
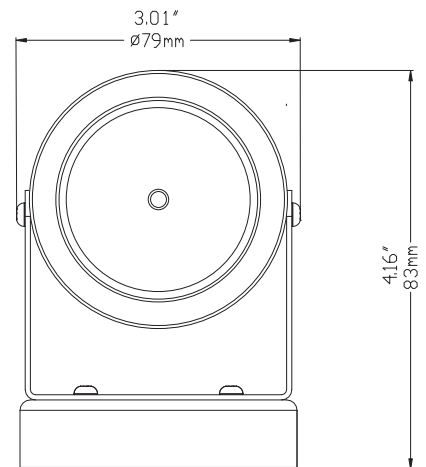
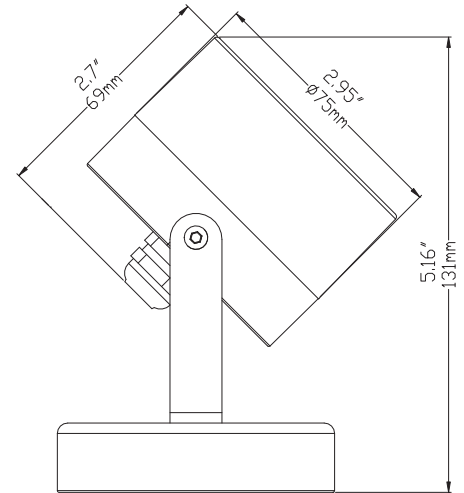
Specifications

Fixture Type	Dedicated Low Voltage LED
Color Temperature	3000K
Lumen Output	450 lm
Material & Finish	Marine-grade, virgin brass with a UV coating
Wattage	4.2W
Voltage Range	9V - 15V AC
LED Source	Single-source CREE CXB LED
Wire Lead	10' 18AWG
Mounting	9" ABS Plastic Stake (included)
Listing	ETL, UL1838, RoHS rated

Accessories

9" ABS Plastic Stake (included), Eagle Claw Ground Mount, Assorted Stems. View more accessories on pages 36-39 of the catalog.

SL09 UNDERWATER LIGHT



The Ultimate Underwater Light

Crafted from 316 stainless steel, our fully-integrated SL09 Underwater Light is corrosion and rust resistant, even in coastal areas with high concentrations of saline. This fixture features a heavy, removable base, a crystal-clear acrylic lens, and a single-source CREE CXB LED. To help make your installations easier, this fixture comes with a waterproof 18' 18AWG wire lead.



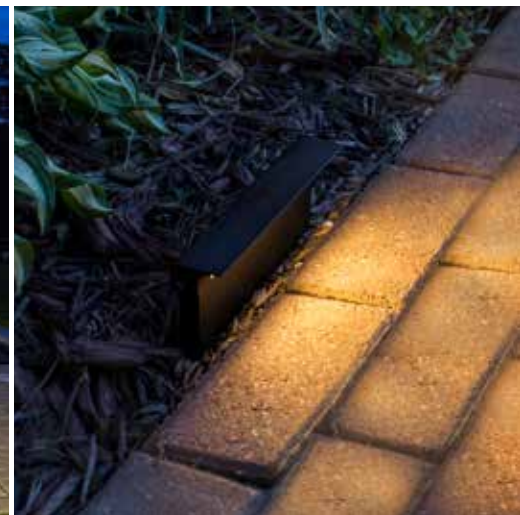
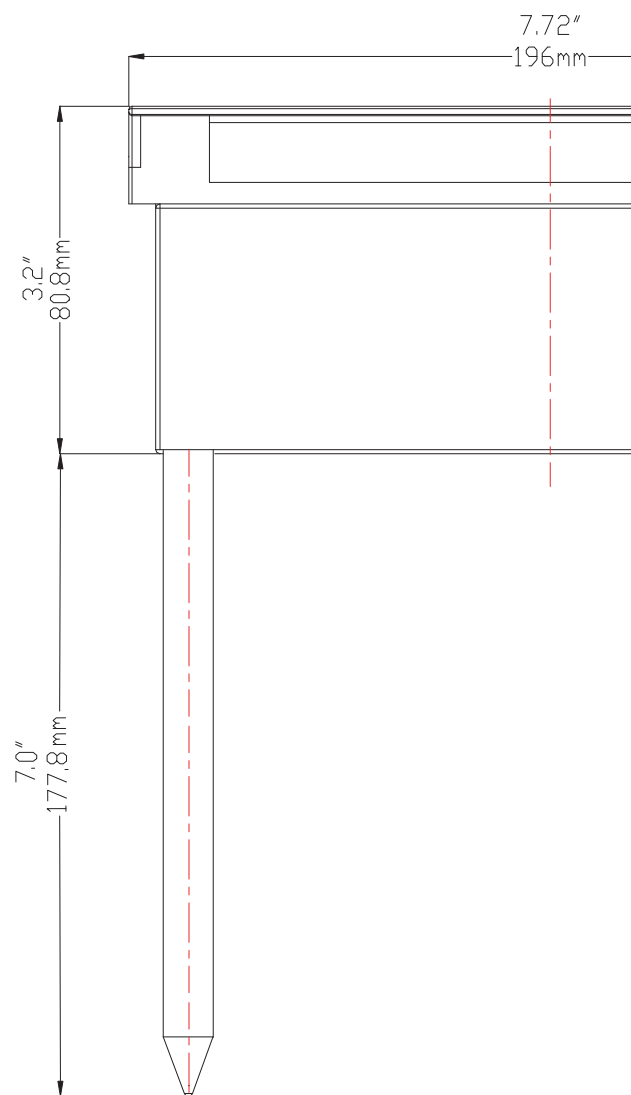
Specifications

Fixture Type	Integrated Low Voltage LED
Color Temperature	3000K
Lumen Output	450 lm
Material & Finish	316 stainless steel
Wattage	5.0W
Voltage Range	9V - 15V AC
LED Source	Single-source CREE CXB LED
Wire Lead	Waterproof 18' 18AWG
Mounting	Removable, 316 stainless steel base
Listing	ETL, UL676, IP68 rated

Accessories

View more accessories on pages 36-39 of the catalog.

SL17 RILEY PATH LIGHT



Unobtrusive Pathway Lighting

For those who don't like the look of traditional path lights, the SL17 Riley's compact size and even light distribution make it the perfect fixture to illuminate areas without drawing attention to the fixture itself. Fully-integrated to protect it from moisture, the Riley sits low to the ground and provides a 140° spread of light with 18 Samsung 5630 LED chips. To help reduce glare, the head of the fixture is able to pivot 15°.



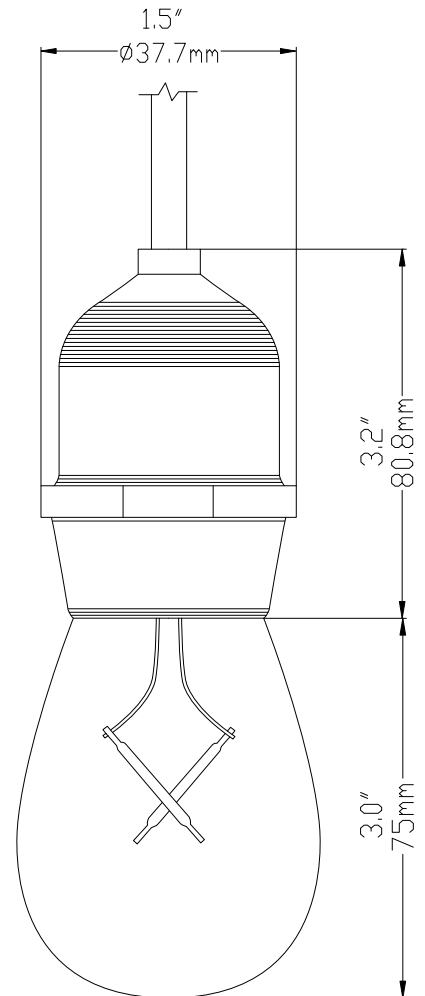
Specifications

Fixture Type	Integrated Low Voltage LED
Color Temperature	3000K
Lumen Output	80 lm
Material & Finish	Marine-grade, virgin brass with a UV coating
Wattage	0.8W
Voltage Range	9V - 15V
LED Source	18 Samsung 5630 LED chips
Wire Lead	15' 18AWG
Mounting	Two 7" 316 stainless steel nails
Listing	UL1838, RoHS, IP66 rated

Accessories

Two 7" 316 stainless steel nails (included), 3" stainless steel nails. View more accessories on pages 36-39 of the catalog.

CAFE LIGHTS



Tradition Meets Technology

Our Cafe Lights have all the power and efficiency of low-voltage LEDs, while still retaining the style of the traditional Edison bulb. With commercial-grade, heavy-gauge wire and Gripple® Stainless Steel Guide Wires available for additional support, these cafe lights will look beautiful and shine bright for years to come. These lights come in 48' kits and 300' rolls. Color lights also available.



Specifications

Fixture Type	Low Voltage LED
Color Temperature	2200K
Lumen Output	80 lm
Material & Finish	Commercial-grade 14AWG wire
Wattage	1.0W/bulb
Voltage Range	9V - 15V AC
LED Source	S14 12V LED
Wire Lead	48' or 300' 14AWG X2C
Listing	ETL, SJTW

Accessories

Gripple® Stainless Steel Guide Wire, color LED S14 12V bulbs. View more accessories on pages 36-39 of the catalog.

ACCESSORIES

Transformers

Sterling Lighting G3

Power your lighting designs with Sterling Lighting's 300W Transformer for low voltage outdoor lighting. The transformer's case is made from stainless steel with a magnetic upward-swinging door that can also be locked. This transformer is compatible with both digital timers and photocells.

Specifications

Voltage	12V-15V
Dimensions	5.5"W x 15.125"H x 5.5"D
Listing	UL 1838



Pan-Tech TR-1215

The Pan-Tech TR-1215 series features a torodial core, two circuit breakers, multiple taps for 12, 13, 14, and 15 voltage levels, and a stainless steel case with a removable and lockable hinged door. This transformer is compatible with both digital timers and photocells. Available in 150W, 300W, and 600W.

Specifications

Voltage	12V-15V
Dimensions	5.625"W x 10.25"H x 4.5"D 6.5"W x 16.5"H x 5.75"D 6.5"W x 16.5"H x 6.0"D
Listing	ETL, UL 2108

Timers

Intermatic® DT122K Digital Timer

Reliably control lighting systems with a timer designed for 7-day programming. Featuring dusk-to-dawn settings, automatic daylight savings time adjustment, and 2 grounded outlets.



Tork® 457Z Digital Timer

Automate your lighting systems with an easy-to-use timer with 20 on/off settings, 7-day programming, and a battery back-up. Featuring automatic daylight savings time adjustment and 2 grounded outlets.

CQC® Photocell

For dusk-to-dawn lighting all year long, the CQC Photocell is the perfect plug-and-play tool for your lighting system.



Wire

Paige Electric P7190D 500'

Solid copper wire with black polyvinyl chloride (PVC) insulation for low voltage landscape lighting applications. 12/2 available and 10/2 available upon request.

Connectors

Blazing™ LV 9000

Waterproof connectors for low voltage applications. For 24 to 18 AWG wire.

Blazing™ LV 9500

Waterproof connectors for low voltage applications. For 18 to 10 AWG wire.

ACCESSORIES

Fixture Accessories

SL01 Brass Shroud

This brass shroud can be attached to our SL01 Up Light to reduce glare. Crafted from the same marine-grade virgin brass as our fixtures, it blends in flawlessly with the SL01 Up Light.



SL02 Junction Box

Exposed wire in concrete can lead to problematic service calls down the road, which is why we designed the SL02 Junction Box to be installed during hardscape construction, along with PVC piping. Our junction box sets you up for a simple and successful installation of your fixtures.

Gripple® Stainless Steel Guide Wire

For use with our Cafe Lights, Gripple's® Stainless Steel Guide Wires add extra support when installing Cafe Lights. These guide wires are available in 60' kits with 25 clips and 120' kits with 50 clips. Carabiners, allen wrench, key, and locks come included.



Mounting Accessories

Surface Mount

Achieve a clean, finished look when installing light fixtures to any flat surface. Our surface mounts are crafted from top of the line, marine-grade, virgin brass with a beautiful antique finish and blend in flawlessly with our SL01 Up Light and SL04 Mini Flood Light.



Gutter Mount

Crafted from marine-grade, virgin brass, this accessory mounts to the fascia board next to the gutter and allows for the placement of uplighting and downlighting for the SL01 Up Light and SL04 Mini Flood Light.

Eagle Claw Ground Stake

The Eagle Claw is the ideal solution for landscape lighting professionals to install fixtures into rough terrain without worrying about tilt or movement. Available in a 3" or 9" set, the stake features three stainless steel rods that increase fixture stability and offer a more reliable end product than a single-rod stake.



Extension Stems

This is the perfect accessory for setting light fixtures in bushes, shrubs, and other greenery. Our extension stems come in a variety of sizes at 3", 6", 12", and 18" and in two diameters: 0.75" and 1.5". Both sides of the 1.5" stems unscrew to allow wires to be pulled through with ease.

How to Get Started

Placing an order is easy! Here are three ways you can get started:



1. Contact Your Representative

Our sales representatives are always available to take your orders via call, text, or email.



2. Give us a Call at the Office

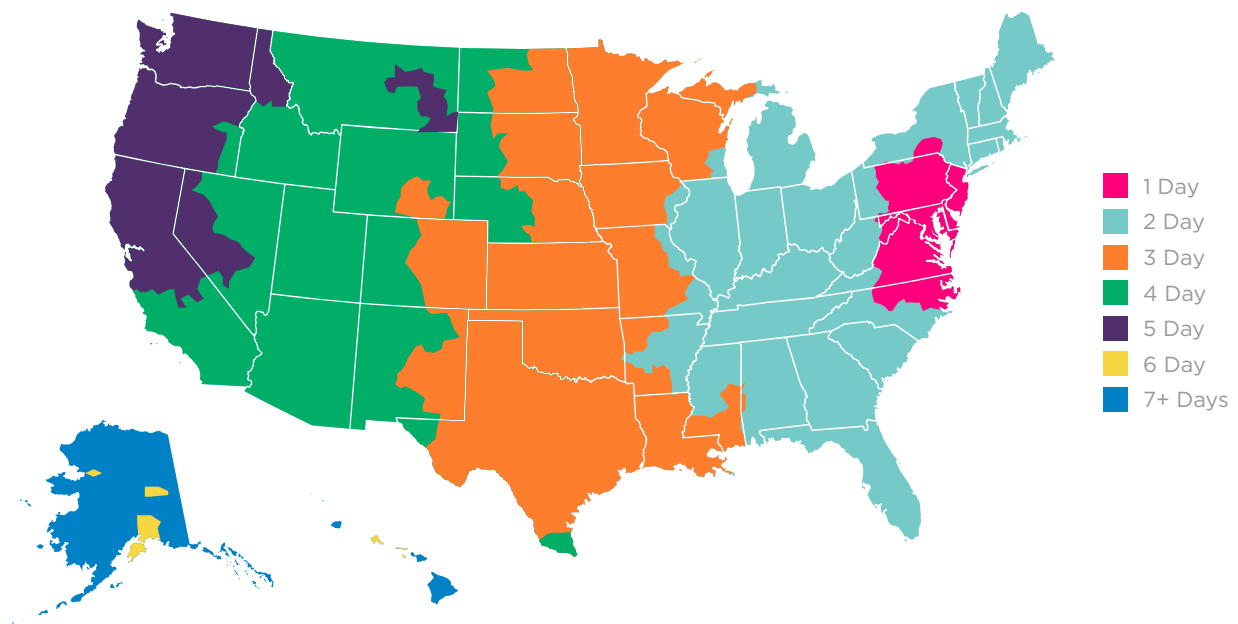
Likewise, our friendly office staff is also available to take your orders. You can call them at 1-800-939-1849. Our office hours are Monday - Friday from 9 a.m. - 5 p.m. ET.



3. Send Us an Email

Finally, you can email your orders anytime to **info@slights.com**.

Once your order has been processed, you will receive a confirmation email which includes your order's tracking number. Visit [FedEx.com](https://www.fedex.com) and enter in your tracking number to get updates on your order's status and arrival time.



Same-day shipping is available. All orders are shipped FedEx Ground, unless otherwise instructed.

SAVE ON SHIPPING

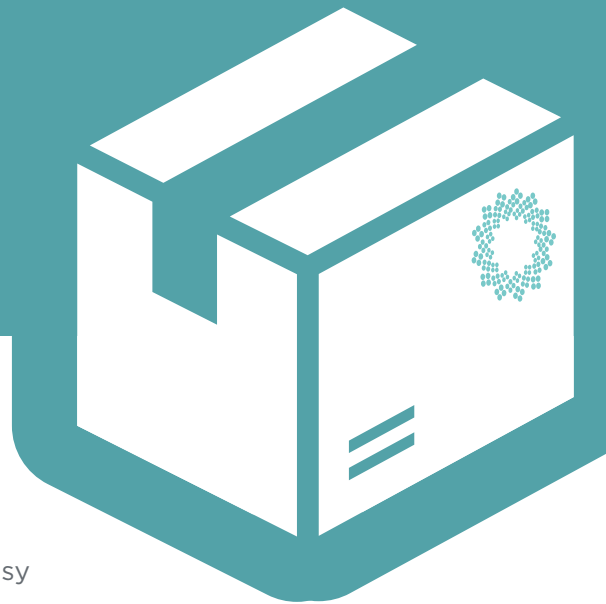
Shipping discounts available. Quantity refers to bulk orders of the same fixture model.

Quantity of 20-49 | 25% off Shipping Cost

Quantity of 50-99 | 50% off Shipping Cost

Quantity of 100-199 | 75% off Shipping Cost

Quantity of 200+ | FREE Shipping



The RMA Process

In the rare event your fixture fails prematurely, we created an easy process for you to return your fixture or components and receive a replacement.

1. Call or email the office or your representative

Tell us what you need replaced. As long as the product is covered under warranty—meaning the warranty is still in effect and has not been voided by damage due to acts of nature and abuse beyond normal wear-and-tear—we'll create a Return Merchandise Authorization (RMA) order for you. After your RMA order is placed, be on the lookout for a FedEx return label in your email inbox.

2. Receive your new product and return the damaged product

Once you've received your new product, repackage your old fixture, transformer, or components and attach the FedEx return label to the box. You can either drop the box off at your nearest FedEx location or schedule a pickup at [FedEx.com](https://www.fedex.com).

.....

You have **30 days** from the day the new fixture or transformer is shipped to return the old product before your card will be charged.

.....

APPENDIX



Sterling Lighting LLC

Catalog Number

SL01 Up Light

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.7 °C	14.02 VAC	1.170 A	10.64 W	0.648	60 Hz	110 %

Summary of Results

Integrating Sphere

Total Lumen Output	783.7 lm
Luminaire Efficacy	73.6 lm/w
CCT	3058 K
CRI	81.9
Duv	-0.0008
TM-30 Rf	81.5
TM-30 Rg	97.9

Goniophotometer

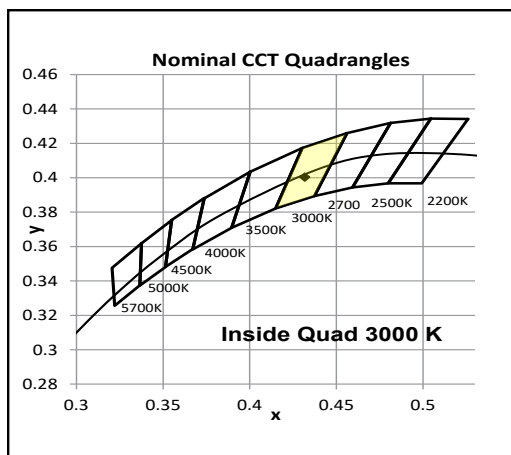
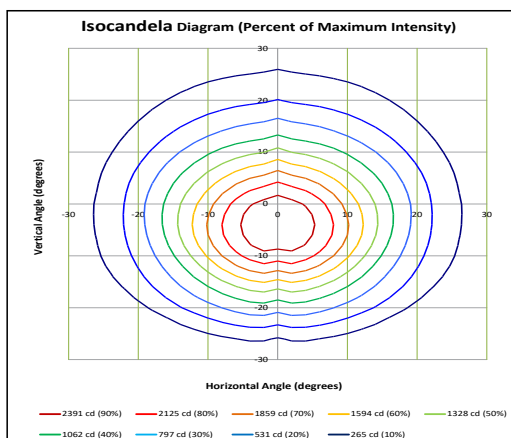
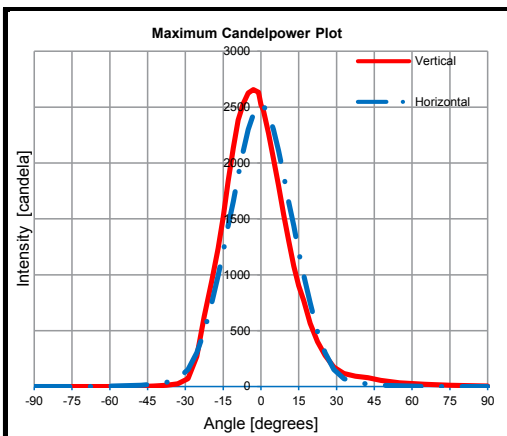
Maximum Candela	2656 cd
Location of Max	0 H -3 V
Total Lumen Output	777 lm
Field Lumens	667 lm
Beam Lumens	353 lm
Spill Light Lumens	110 lm
Field Angle	52.8 H X 51.5 V
Beam Angle	28.8 H X 27.2 V
IESNA Type	4 H X 4 V

Color Rendering Index Details

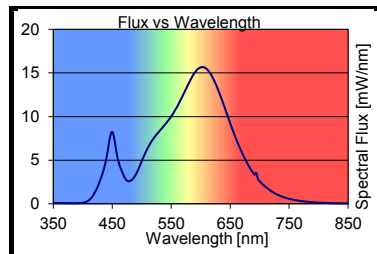
Ra (CRI)	81.9
R1	80.1
R2	89.0
R3	96.1
R4	80.5
R5	80.1
R6	86.1
R7	83.5
R8	59.8
R9	6.7
R10	74.7
R11	79.5
R12	70.4
R13	82
R14	97.9

Chromaticity Coordinates

Chromaticity (x)	0.4317
Chromaticity (y)	0.4004
Chromaticity (u)	0.2488
Chromaticity (v)	0.3461
Chromaticity (u')	0.2488
Chromaticity (v')	0.5191
Duv	-0.0008



Angle	Vertical	Horizontal
-85	0	0
-75	0	0
-65	0	1
-55	0	7
-48	1	12
-43	6	22
-38	12	38
-33	24	70
-29	70	152
-26	270	302
-23	625	491
-20	943	750
-17	1235	993
-15	1518	1208
-13	1839	1439
-11	2135	1653
-9	2385	1888
-7	2532	2110
-5	2627	2300
-3	2656	2436
0	2521	2521
3	2264	2436
5	2040	2300
7	1796	2110
9	1536	1888
11	1308	1653
13	1079	1439
15	904	1208
17	768	993
20	566	750
23	401	491
26	279	302
29	174	152
33	116	70
38	92	38
43	80	22
48	56	12
55	34	7
65	20	1
75	11	0
85	7	0



Testing was performed in accordance with LM-79-08

The results contained in this summary pertain only to report #12305664.01



Sterling Lighting LLC

Catalog Number

SL02 In Line Light

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.7 °C	14.02 VAC	0.1327 A	1.050 W	0.565	60 Hz	138 %

Summary of Results

Integrating Sphere

Total Lumen Output	52.3 lm
Luminaire Efficacy	49.9 lm/w
CCT	3276 K
CRI	82.9
Duv	0.0043
TM-30 Rf	84.0
TM-30 Rg	95.9

Goniophotometer

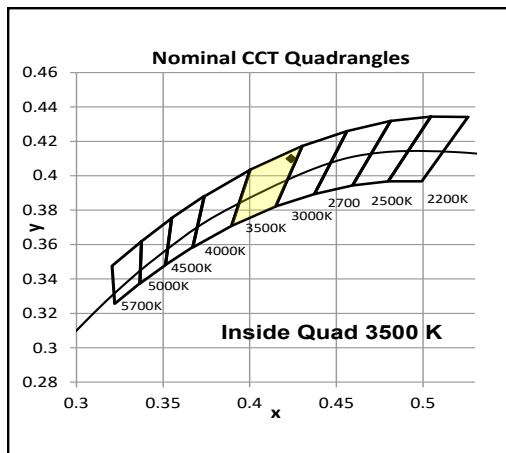
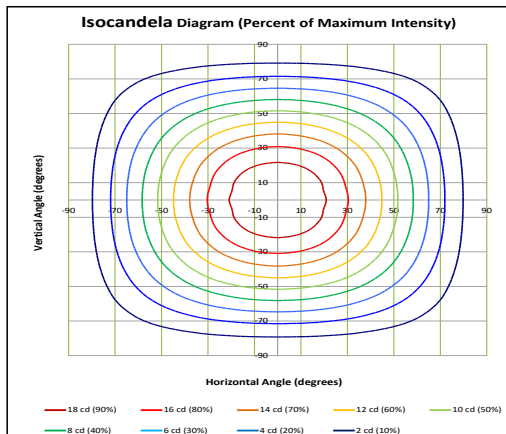
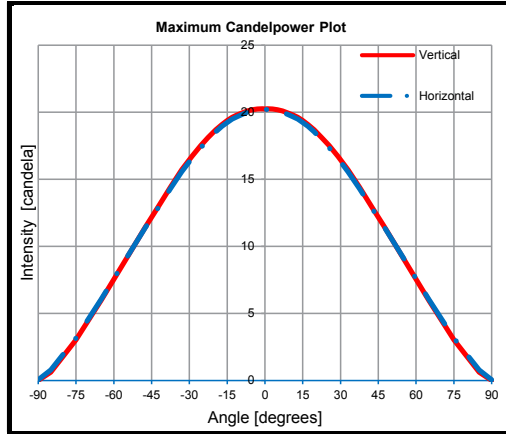
Maximum Candela	20 cd
Location of Max	-1 H -1 V
Total Lumen Output	53 lm
Field Lumens	52 lm
Beam Lumens	37 lm
Spill Light Lumens	1 lm
Field Angle	159.5 H X 158.4 V
Beam Angle	103.3 H X 103.2 V
IESNA Type	7 H X 7 V

Color Rendering Index Details

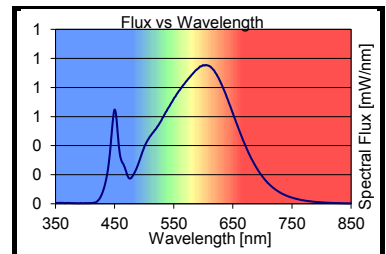
Ra (CRI)	82.9
R1	80.6
R2	88.2
R3	95.2
R4	81.9
R5	80
R6	84.1
R7	87.7
R8	65.6
R9	15.7
R10	72.5
R11	79.9
R12	62.7
R13	81.9
R14	97.1

Chromaticity Coordinates

Chromaticity (x)	0.4239
Chromaticity (y)	0.4099
Chromaticity (u)	0.2398
Chromaticity (v)	0.3478
Chromaticity (u')	0.2398
Chromaticity (v')	0.5217
Duv	0.0043



Intensity (Candlepower) Summary		
Angle	Vertical	Horizontal
-85	1	1
-75	3	3
-65	6	6
-55	9	9
-48	11	11
-43	13	13
-38	14	14
-33	16	16
-29	17	17
-26	18	17
-23	18	18
-20	19	19
-17	19	19
-15	19	19
-13	20	19
-11	20	20
-9	20	20
-7	20	20
-5	20	20
-3	20	20
0	20	20
3	20	20
5	20	20
7	20	20
9	20	20
11	20	20
13	20	19
15	19	19
17	19	19
20	19	19
23	18	18
26	18	17
29	17	17
33	16	16
38	14	14
43	13	13
48	11	11
55	9	9
65	6	6
75	3	3
85	1	1



Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #12305664.02

APPENDIX



Sterling Lighting LLC

Catalog Number

SL03 Down Light

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.2 °C	13.97 VAC	1.458 A	14.46 W	0.710	60 Hz	89.5 %

Summary of Results

Integrating Sphere

Total Lumen Output	785.6 lm
Luminaire Efficacy	54.9 lm/w
CCT	3045 K
CRI	93.3
Duv	-0.0006
TM-30 Rf	90.4
TM-30 Rg	97.9

Goniophotometer

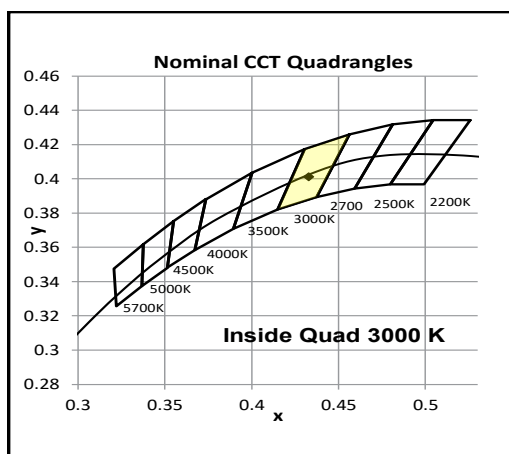
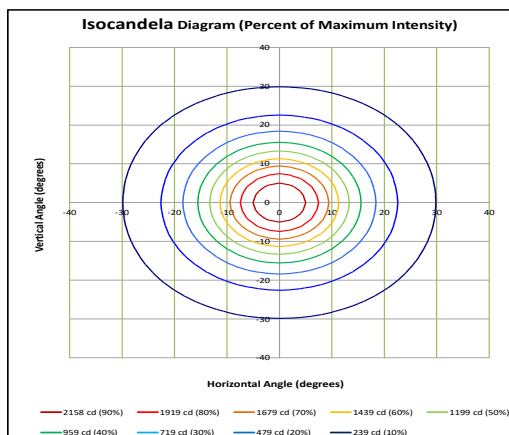
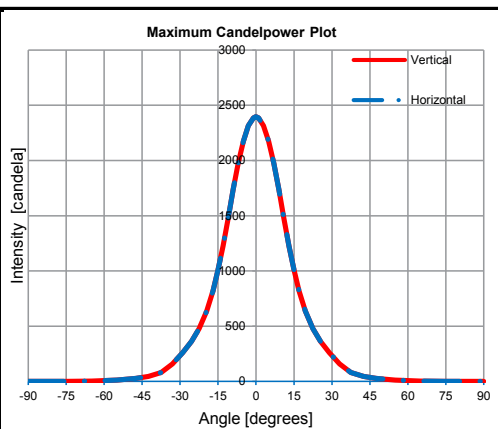
Maximum Candela	2397 cd
Location of Max	0 H 0 V
Total Lumen Output	768 lm
Field Lumens	651 lm
Beam Lumens	291 lm
Spill Light Lumens	117 lm
Field Angle	59.6 H X 59.6 V
Beam Angle	26.5 H X 26.5 V
IESNA Type	4 H X 4 V

Color Rendering Index Details

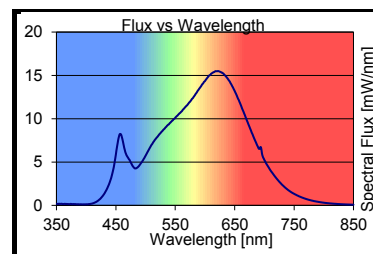
Ra (CRI)	93.3
R1	93.7
R2	97.5
R3	98.7
R4	92.3
R5	93.1
R6	96.2
R7	91.9
R8	82.9
R9	62.6
R10	92.7
R11	92.8
R12	81.4
R13	94.9
R14	99.0

Chromaticity Coordinates

Chromaticity (x)	0.4328
Chromaticity (y)	0.4013
Chromaticity (u)	0.2491
Chromaticity (v)	0.3465
Chromaticity (u')	0.2491
Chromaticity (v')	0.5197
Duv	-0.0006



Angle	Vertical	Horizontal
-85	0	0
-75	0	0
-65	2	2
-55	12	12
-48	28	28
-43	45	45
-38	81	81
-33	157	157
-29	260	260
-26	362	362
-23	476	476
-20	637	637
-17	821	821
-15	1006	1006
-13	1226	1226
-11	1478	1478
-9	1737	1737
-7	1979	1979
-5	2176	2176
-3	2314	2314
0	2397	2397
3	2314	2314
5	2176	2176
7	1979	1979
9	1737	1737
11	1478	1478
13	1226	1226
15	1006	1006
17	821	821
20	637	637
23	476	476
26	362	362
29	260	260
33	157	157
38	81	81
43	45	45
48	28	28
55	12	12
65	2	2
75	0	0
85	0	0



Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #12610122.01



Sterling Lighting LLC

Catalog Number

SL04 Mini Flood Light

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.7 °C	14.00 VAC	0.8067 A	6.873 W	0.609	60 Hz	124 %

Summary of Results

Integrating Sphere

Total Lumen Output	345.9 lm
Luminaire Efficacy	50.4 lm/w
CCT	3035 K
CRI	92.8
Duv	-0.0038
TM-30 Rf	90.5
TM-30 Rg	100.8

Goniophotometer

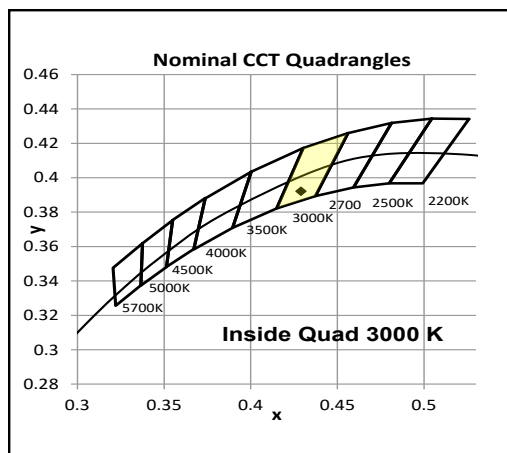
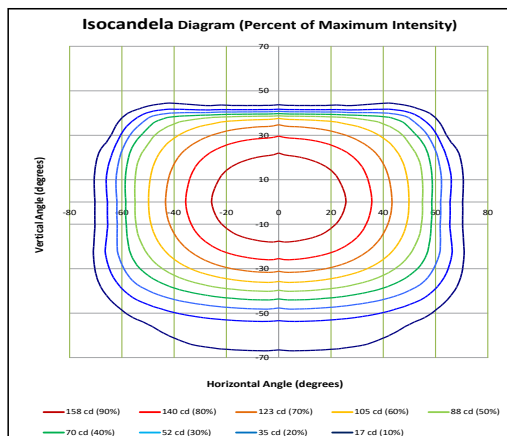
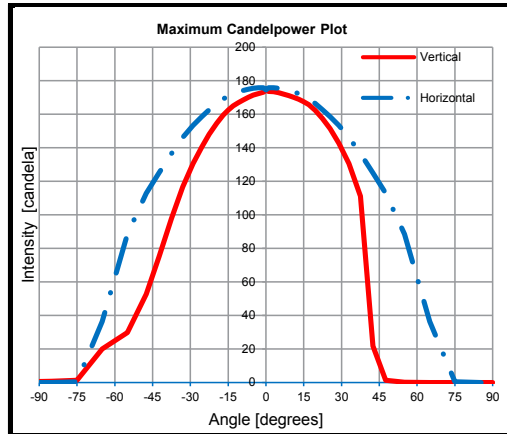
Maximum Candela	176 cd
Location of Max	-1 H 0 V
Total Lumen Output	347 lm
Field Lumens	343 lm
Beam Lumens	284 lm
Spill Light Lumens	4 lm
Field Angle	140.5 H X 109.8 V
Beam Angle	110.2 H X 78.6 V
IESNA Type	7 H X 6 V

Color Rendering Index Details

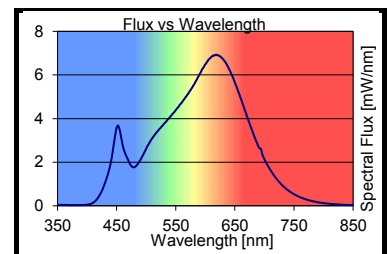
Ra (CRI)	92.8
R1	93.5
R2	97.2
R3	97.8
R4	92.4
R5	93.7
R6	95.9
R7	90.5
R8	81.1
R9	59.2
R10	92.8
R11	93.1
R12	87.5
R13	94.7
R14	98.9

Chromaticity Coordinates

Chromaticity (x)	0.4290
Chromaticity (y)	0.3921
Chromaticity (u)	0.2506
Chromaticity (v)	0.3436
Chromaticity (u')	0.2506
Chromaticity (v')	0.5154
Duv	-0.0038



Intensity (Candlepower) Summary		
Angle	Vertical	Horizontal
-85	1	0
-75	1	1
-65	20	36
-55	30	89
-48	53	113
-43	75	125
-38	98	137
-33	117	146
-29	131	153
-26	141	159
-23	148	163
-20	155	166
-17	159	169
-15	163	171
-13	165	172
-11	167	173
-9	169	174
-7	170	175
-5	171	176
-3	172	176
0	175	175
3	173	176
5	173	176
7	172	175
9	171	174
11	170	173
13	169	172
15	167	171
17	166	169
20	162	166
23	157	163
26	151	159
29	143	153
33	131	146
38	111	137
43	22	125
48	1	113
55	0	89
65	0	36
75	0	1
85	0	0



Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #12305664.03

APPENDIX



Sterling Lighting LLC

Catalog Number

SL05 Step Light

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.2 °C	13.95 VAC	0.4225 A	5.180 W	0.879	60 Hz	44.7 %

Summary of Results

Total Lumen Output	23.19 Lumens
Luminaire Efficacy	4.4 lm/w
Maximum Candela	10 Candela
IES Roadway Classification	Type I, Very Short
Cutoff Classification	Noncutoff
BUG Rating	B0 U1 G0
CCT	2903 K
CRI	97.8
Duv	-0.0020
TM-30 Rf	94.5
TM-30 Rg	102.6

Luminaire Classification System (LCS)

LCS	Zone	Lumens	%
FL	(0-30)	1	4%
FM	(30-60)	6	28%
FH	(60-80)	6	27%
FVH	(80-90)	3	13%
BL	(0-30)	0	0%
BM	(30-60)	0	0%
BH	(60-80)	0	0%
BVH	(80-90)	0	0%
UL	(90-100)	2	11%
UH	(100-180)	4	17%

Color Rendering Index Details

Ra (CRI)	97.8
R1	99.8
R2	98.7
R3	95.2
R4	97.3
R5	99.1
R6	97.5
R7	97.6
R8	97.0
R9	92.7
R10	95.3
R11	96.3
R12	89.0
R13	99.7
R14	96.3

Chromaticity Coordinates

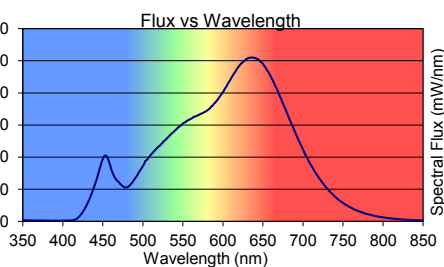
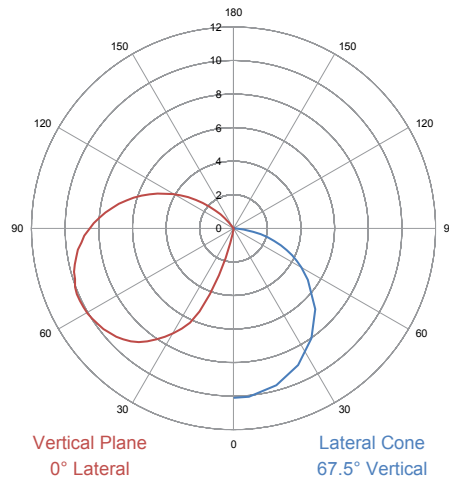
Chromaticity (x)	0.4413
Chromaticity (y)	0.4013
Chromaticity (u)	0.2546
Chromaticity (v)	0.3473
Chromaticity (u')	0.2546
Chromaticity (v')	0.5209

Note: ISO FootCandle Plot Not Applicable

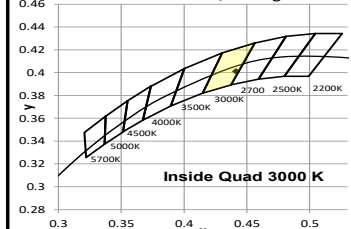
Intensity Through Maximum Plane (Candlepower)

Angle	Candlepower	Lumens
0	0	
5	0	0
10	0	
15	2	0
20	4	
25	6	1
30	7	
35	8	1
40	9	
45	9	2
50	10	
55	10	3
60	10	
65	10	3
70	10	
75	10	3
80	9	
85	9	3
90	9	
95	8	2
100	7	
105	7	2
110	6	
115	5	1
120	4	
125	3	1
130	2	
135	2	0
140	1	
145	0	0
150	0	
155	0	0
160	0	
165	0	0
170	0	
175	0	0
180	0	

Maximum Plane and Cone Plots of Candela



Nominal CCT Quadrangles



Testing was performed in accordance with LM-79-08

The results contained in this summary pertain only to report #12610122.02



Sterling Lighting LLC

Catalog Number

SL07 Path Light

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.7 °C	14.00 VAC	0.5923 A	5.077 W	0.612	60 Hz	125 %

Summary of Results

Integrating Sphere

Total Lumen Output	203.8 lm
Luminaire Efficacy	40.2 lm/w
CCT	3077 K
CRI	86.6
Duv	-0.0005
TM-30 Rf	85.6
TM-30 Rg	99.1

Goniophotometer

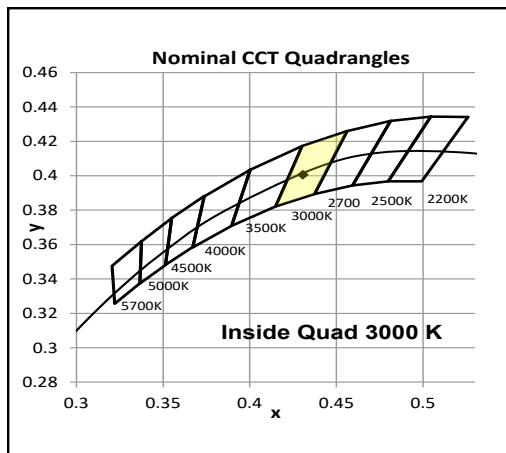
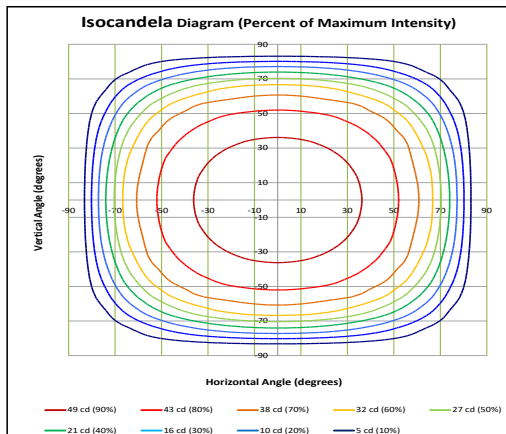
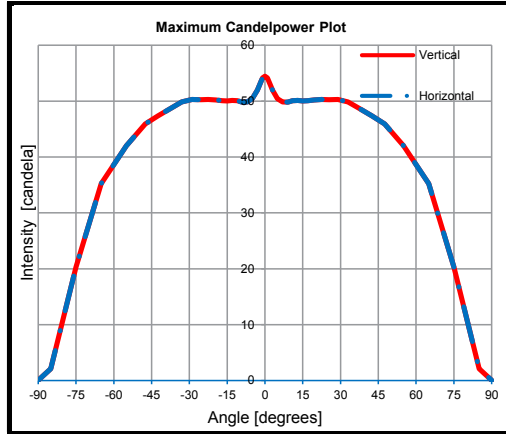
Maximum Candela	54 cd
Location of Max	0 H 0 V
Total Lumen Output	206 lm
Field Lumens	205 lm
Beam Lumens	186 lm
Spill Light Lumens	1 lm
Field Angle	166.3 H X 166.3 V
Beam Angle	140.7 H X 140.7 V
IESNA Type	7 H X 7 V

Color Rendering Index Details

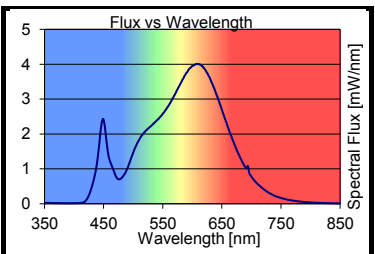
Ra (CRI)	86.6
R1	85.6
R2	92.0
R3	97.1
R4	86.4
R5	85.8
R6	90.4
R7	86.8
R8	68.4
R9	26.9
R10	81.7
R11	87.1
R12	76.0
R13	87.1
R14	98.4

Chromaticity Coordinates

Chromaticity (x)	0.4307
Chromaticity (y)	0.4006
Chromaticity (u)	0.2480
Chromaticity (v)	0.3461
Chromaticity (u')	0.2480
Chromaticity (v')	0.5191
Duv	-0.0005



Angle	Vertical	Horizontal
-85	2	2
-75	20	20
-65	35	35
-55	42	42
-48	46	46
-43	47	47
-38	49	49
-33	50	50
-29	50	50
-26	50	50
-23	50	50
-20	50	50
-17	50	50
-15	50	50
-13	50	50
-11	50	50
-9	50	50
-7	50	50
-5	50	50
-3	52	52
0	54	54
3	52	52
5	50	50
7	50	50
9	50	50
11	50	50
13	50	50
15	50	50
17	50	50
20	50	50
23	50	50
26	50	50
29	50	50
33	50	50
38	49	49
43	47	47
48	46	46
55	42	42
65	35	35
75	20	20
85	2	2



Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #12305664.04

APPENDIX



Sterling Lighting LLC Catalog Number SL09 Underwater Light

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.7 °C	13.99 VAC	0.5443 A	4.591 W	0.603	60 Hz	124 %

Summary of Results

Integrating Sphere

Total Lumen Output	386.3 lm
Luminaire Efficacy	84.2 lm/w
CCT	2958 K
CRI	83.3
Duv	-0.0013
TM-30 Rf	82.9
TM-30 Rg	95.9

Goniophotometer

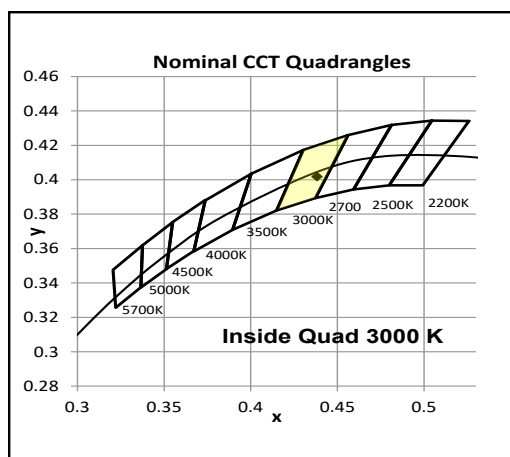
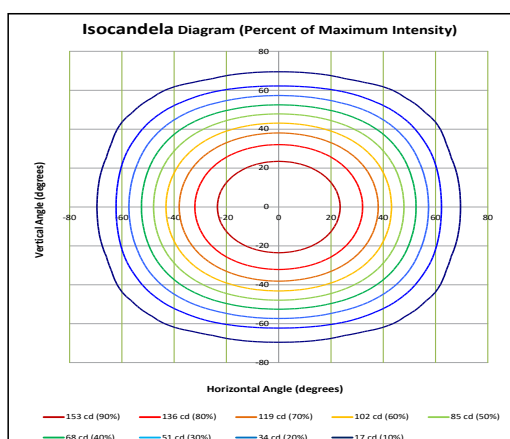
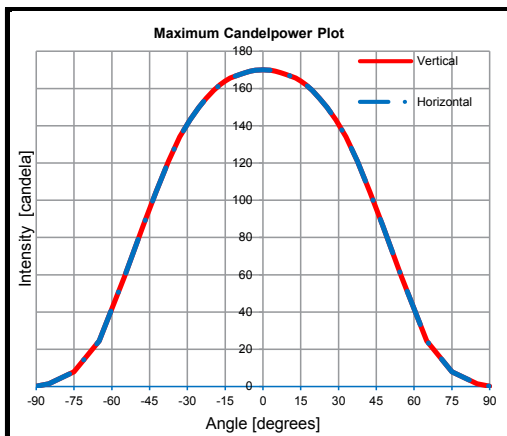
Maximum Candela	170 cd
Location of Max	0 H 0 V
Total Lumen Output	375 lm
Field Lumens	363 lm
Beam Lumens	272 lm
Spill Light Lumens	12 lm
Field Angle	139.1 H X 139.1 V
Beam Angle	95.8 H X 95.8 V
IESNA Type	7 H X 7 V

Color Rendering Index Details

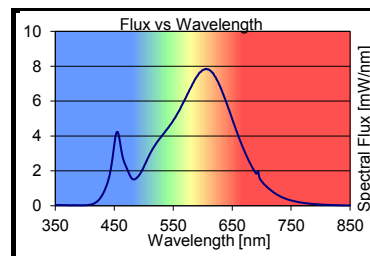
Ra (CRI)	83.3
R1	82.1
R2	91.6
R3	96.5
R4	80.4
R5	81.7
R6	89.1
R7	83.6
R8	61.8
R9	14.7
R10	79.8
R11	78.7
R12	70.3
R13	84.4
R14	98.7

Chromaticity Coordinates

Chromaticity (x)	0.4382
Chromaticity (y)	0.4018
Chromaticity (u)	0.2524
Chromaticity (v)	0.3471
Chromaticity (u')	0.2524
Chromaticity (v')	0.5207
Duv	-0.0013



Intensity (Candlepower) Summary		
Angle	Vertical	Horizontal
-85	1	1
-75	8	8
-65	25	25
-55	59	59
-48	86	86
-43	104	104
-38	121	121
-33	134	134
-29	143	143
-26	150	150
-23	155	155
-20	159	159
-17	162	162
-15	164	164
-13	166	166
-11	167	167
-9	168	168
-7	168	168
-5	169	169
-3	170	170
0	170	170
3	170	170
5	169	169
7	168	168
9	168	168
11	167	167
13	166	166
15	164	164
17	162	162
20	159	159
23	155	155
26	150	150
29	143	143
33	134	134
38	121	121
43	104	104
48	86	86
55	59	59
65	25	25
75	8	8
85	1	1



Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #12305664.05

WARRANTY

FIXTURES

Sterling Lighting fixtures come with an industry-best, manufacturer-defect warranty.

All dedicated fixtures, including our SL01, SL04, SL07, SL07B, and SL07P have a lifetime warranty.

All integrated fixtures, including our SL02, SL09, and SL17 have a 10-year warranty. This warranty does not include LEDs and electrical components.

Sterling Lighting uses the highest quality marine-grade, virgin brass with a beautiful antique finish. This living finish is intended to age naturally and patina over time. The finish developed during the natural aging process will vary depending on environmental factors such as exposure to salt water.

LEDs AND ELECTRICAL COMPONENTS

Sterling Lighting LEDs and components sold after July 1, 2017 have a 10-year warranty. Sterling Lighting Cafe Light LEDs come with a 3-year warranty.

TRANSFORMERS

Sterling Lighting transformers come with a lifetime warranty.

DEFINITIONS

Dedicated fixtures refer to all fixtures with serviceable LEDs and drivers. This definition includes our SL01, SL04, SL07, SL07B, and SL07P.

Integrated fixtures refer to all fixtures with non-serviceable LED and electrical components. This definition includes our SL02, SL09, and SL17.

FIELD REPAIRS RECOMMENDED

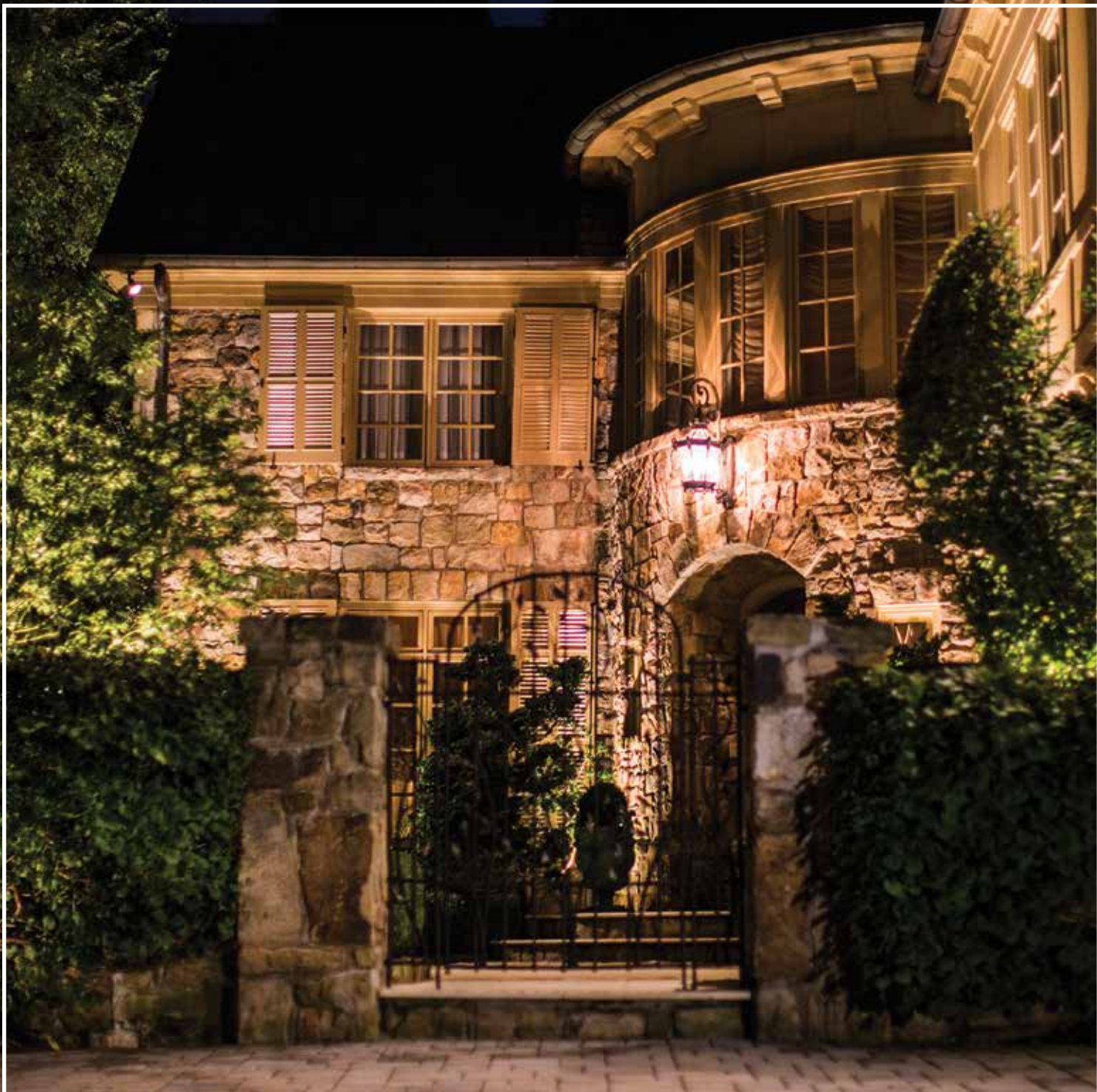
Sterling Lighting only works with professional installation companies. All Sterling Lighting products are designed to be field repairable by a qualified installer. Sterling Lighting will provide component parts for field repairs as installers can realize a significant cost and labor saving. All warranted components, as stated in the above warranty, which are installed in the field, will be honored.

NOTE: A Return Merchandise Authorization (RMA) must be issued by Sterling Lighting prior to the return of any product.

IMPORTANT NOTES

Sterling Lighting warrants its products against defects in material and workmanship. Without charge, Sterling Lighting will either repair or replace the fixture. Sterling Lighting reserves the right to decide between repair or replacement of any properly installed Sterling Lighting product which fails under normal operating conditions and has not undergone abuse beyond normal wear-and-tear.

This warranty does not cover damage due to acts of nature, such as lightning strikes, tornadoes, hurricanes, and floods. It covers only equipment manufactured or sold by Sterling Lighting. It does not apply to any equipment of another manufacturer that may have been used in conjunction with Sterling Lighting equipment.



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