

*lifeAGLOW*®

HINKLEY

L I G H T I N G

# HINKLEY

L I G H T I N G

CLASSIC, CHIC COLLECTIONS | [HINKLEYLIGHTING.COM](http://HINKLEYLIGHTING.COM)



## FREDRICK RAMOND

ESTABLISHED 1965

HINKLEY'S LUXURY LINE | [FREDRICKRAMOND.COM](http://FREDRICKRAMOND.COM)

THIS CATALOG INCLUDES THE FULL LINE OF HINKLEY LANDSCAPE LIGHTING.  
FOR HINKLEY INTERIOR, BATH, EXTERIOR AND FREDRICK RAMOND,  
PLEASE SEE THE HINKLEY LIGHTING 2015-2016 CATALOG.

HINKLEY LIGHTING, INC. | 2015

# LANDSCAPE

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“Planning for the experience of sitting at the dinner table and looking outside across a landscaped lawn—with highlights on trees, paths and patios—ensures that good design extends beyond the interior environment.”

**HEATHER GARRETT**  
HEATHER GARRETT INTERIOR DESIGN  
DURHAM, NC

### WELCOME TO HINKLEY LANDSCAPE LIGHTING

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### LANDSCAPE LIGHTING 101™



A COMPLETE GUIDE TO PLANNING AND PLACING LANDSCAPE LIGHTING FIXTURES TO ACCENT YOUR PROPERTY AND HIGHLIGHT YOUR HOME.

**SEE PAGE 10.**

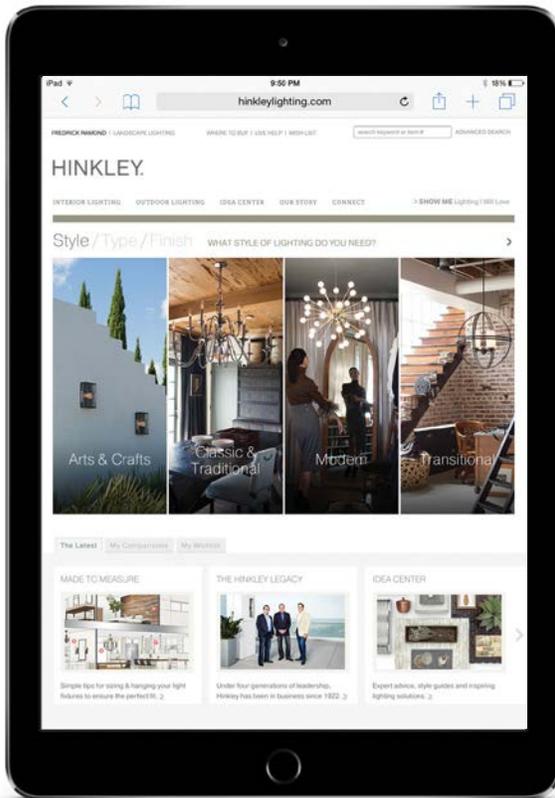
# RESOURCES *for* STYLE

## designer DNA

AS A PART OF OUR 'LIFE AGLOW' CAMPAIGN, HINKLEY INTERVIEWED ACCLAIMED DESIGNERS, STYLISTS AND BLOGGERS TO BRING YOU INVALUABLE IDEAS ON SELECTING THE RIGHT LIGHTING. LOOK FOR THEIR INSIDE SECRETS THAT OFFER INFORMATIVE AND ENTERTAINING RECOMMENDATIONS THROUGHOUT THIS CATALOG AND IN OUR ONLINE IDEA CENTER.

*For full bios on each contributor, visit [hinkleylighting.com](http://hinkleylighting.com)*

DISCOVER **HINKLEYLIGHTING.COM**



## FIND LIGHTING *love* YOU WILL

Explore the digital version of our catalogs and be inspired by the home décor tips, style guides and product videos in our online Idea Center. Enjoy shopping by style, application and finish to find lighting you will love.



DISCOVER THE BENEFITS OF HINKLEY LANDSCAPE LIGHTING ON OUR YOUTUBE CHANNEL

## TALK IS CHIC

JOIN OUR SOCIAL CIRCLE TO KEEP UP WITH HINKLEY HAPPENINGS

*#hinkleylighting #lifeaglow*

- f FACEBOOK**  
[FACEBOOK.COM/HINKLEYLIGHTING](http://FACEBOOK.COM/HINKLEYLIGHTING)  
Keep up with current Hinkley activity.
- t TWITTER**  
[TWITTER.COM/HINKLEYLIGHTING](http://TWITTER.COM/HINKLEYLIGHTING)  
Join the conversation and hear what Hinkley has to say.
- YOUTUBE**  
[YOUTUBE.COM/HINKLEYLIGHTINGINC](http://YOUTUBE.COM/HINKLEYLIGHTINGINC)  
Watch our informative product and engaging brand videos.
- houzz**  
[HOZZ.COM/HINKLEYLIGHTING](http://HOZZ.COM/HINKLEYLIGHTING)  
Discover our products in all types of places and spaces.
- Instagram**  
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[PINTEREST.COM/HINKLEYLIGHTING](http://PINTEREST.COM/HINKLEYLIGHTING)  
Find out what inspires us.

# IDEACENTER

## LANDSCAPE



SATURN 1579SS, PAGE 34

### EXPAND YOUR ENVIRONMENT

Balance creature comforts with the call of the wild! Enjoy your property in its entirety by unifying the relationship between your home and your natural surroundings. Integrating decorative fixtures with the essential landscape lighting techniques on pages 8-9 will tastefully illuminate everything from lush walkways to chic chaises and cozy eating alcoves.

Let the outdoors in by creating layered exterior living spaces that blend the best of both worlds. By adding elements of outdoor and landscape lighting, you can craft defined areas to lounge and linger, day or night.

“Being able to see outside at night is a wonderful way to enlarge the feeling of the size of the property. The exterior becomes an extension of the interior and helps create the multi-dimensional home.”

**KATIE LYDON** | KATIE LYDON INTERIORS  
NEW YORK, NY

THE BEST OUTDOOR LIGHTING PLANS EXPAND YOUR LIVING ENVIRONMENT, HEIGHTEN CURB APPEAL AND ADD SAFETY TO YOUR OUTDOOR SPACE. HINKLEY RECOMMENDS TAKING A SMART AND MEASURED APPROACH TO ENSURE YOUR LIGHTING DESIGN IS PURE PERFECTION:

## HINKLEY LANDSCAPE LIGHTING PLAN-O-GRAM



### 1

ASSESS YOUR EXTERIOR AND SELECT THE AREAS YOU WANT TO ILLUMINATE

### 2

CHOOSE DECORATIVE FIXTURES THAT COMPLEMENT ARCHITECTURE AND ELEMENTS OF LANDSCAPING

### 3

CHOOSE FROM A VARIETY OF DISTINCTIVE LIGHTING TECHNIQUES SHOWN ON PAGES 8-9

### 4

RESEARCH ENERGY-EFFICIENT LED FIXTURE OPTIONS FOR LONG-TERM SAVINGS

### 5

BASED ON INSTALLATION REQUIREMENTS AND YOUR LANDSCAPING NEEDS, SELECT YOUR FIXTURES AND ACCESSORIES

### 6

TAKE INTO ACCOUNT THE APPROPRIATE LAMPING BASED ON LIGHT INTENSITY AND BEAM SPREAD

### 7

SELECT THE PROPER TRANSFORMER TO PROVIDE THE CORRECT POWER SUPPLY

### 8

CHOOSE CONTROLS TO TURN THE LIGHTS ON AND OFF, ADDING AN ADDITIONAL MAINTENANCE-FREE AMENITY

## TAKE CONTROL

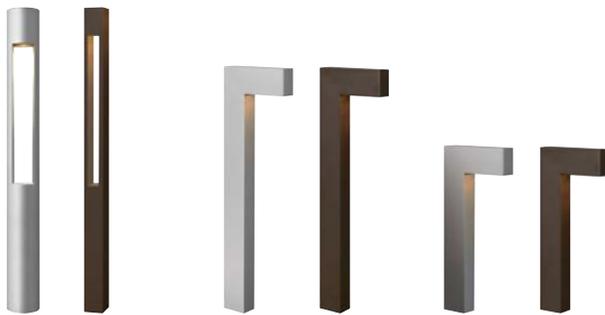
INSTALLING A DIMMER FOR LANDSCAPE LIGHTING gives you the flexibility to control the ambiance of your outdoor areas and adjust your exterior lighting based on its use—from a brighter light surrounding a lively social gathering on the deck or a softer glow for intimate evening dinners al fresco. Utilizing a dimmer for the exterior lighting of your home is simple: just ensure the outlet that the transformer plugs into is dedicated and offers that functionality, and it automatically increases the luxury quotient of your property. Installation by a professional will ensure the dimmer system functions properly and that local code requirements are followed. Rapid advances in technology also allow certain home lighting control systems to work from your smart phone, so you can reduce power usage when not in use or adjust the lighting to create different moods... all at the touch of a finger. Visit Hinkley Landscape Lighting online and use our showroom locator to find a knowledgeable distributor in your area that can answer questions about lighting control systems.

# COORDINATE & Complement

To help you complete your lighting vision in style, Hinkley offers a wide variety of **OUTDOOR LANTERN FAMILIES** that coordinate with our landscape lighting designs. See Hinkley's full line catalog or visit us online at **HINKLEYLIGHTING.COM**

## ATLANTIS

ATLANTIS BOLLARDS, PAGE 28  
ATLANTIS PATH LIGHTS, PAGES 32-33  
COORDINATING LANTERNS, PAGES 582-585  
IN HINKLEY'S FULL LINE CATALOG





## BRAND NEW BOLLARDS

BEGINNING ON PAGE 26

PERFECT FOR PUBLIC AND COMMERCIAL APPLICATIONS

- + STREAMLINED DESIGN
- + DURABILITY
- + EFFICIENT LIGHT OUTPUT



**MAKE A COHESIVE STYLE STATEMENT!**  
SEE HINKLEY'S FULL LINE CATALOG FOR COORDINATING OUTDOOR LANTERNS

### SHELTER

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COORDINATING LANTERNS, PAGES 604-609 IN HINKLEY'S FULL LINE CATALOG



### LUNA

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### DORIAN

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## SATURN

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## TRELLIS

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## LEDGEWOOD

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IN HINKLEY'S FULL LINE CATALOG



# LANDSCAPE LIGHTING TECHNIQUES

EVERY NEED-TO-KNOW METHOD FOR LIGHTING UP THE NIGHT



1536MZ-3WLEDFL

## UPLIGHTING ^

Uplighting is illuminating an area, surface or object from below to create a focal point in the landscape.

**CREATING THIS EFFECT :** A spot light is aimed at the tree in the foreground while the front of the home remains relatively dark.

## < WALL WASHING

Wall washing is a technique that refers to the general illumination of a wall or surface.

**CREATING THIS EFFECT :** Spot lights are placed along the front of the home to create a soft wash of light.



16571MZ-LED

## SILHOUETTING v

Also called backlighting, silhouetting is used to dramatize an interesting shaped object.

**CREATING THIS EFFECT :** A spot light is placed between the tree and the front of the home. The spot light is aimed at the front of the home creating a dramatic silhouette of the tree.



16571MZ-LED



1536MZ-3WLEDFL

## SHADOWING ^

Shadowing is an effect created by placing a light source in front of an object and projecting a shadow onto a surface behind the object.

**CREATING THIS EFFECT :** Spot lights are placed directly in front of the tall bushes, producing shadows which are projected on the home's face, creating an interesting and inviting façade.



16701MZ-3K60

## GRAZING ^

Grazing emphasizes a textured surface (such as a tree trunk, a stone wall, climbing ivy, etc.) by placing a light source within one foot of that surface and aiming the light beam parallel to that surface.

**CREATING THIS EFFECT :** Spot lights are placed beneath each stone pillar to create dimension, complementing the home's entryway.

## STEP LIGHTING v

Step and brick lights can be used in masonry and wood constructions. These fixtures are designed to safely illuminate stairways and walkways.

**CREATING THIS EFFECT :** The steps are gently illuminated leading up to the doorway to ensure safety.



1594BZ-LED



1579SS

## < PATH LIGHTING

Path and area lighting is used to enhance dynamic landscaping elements such as flower beds, shrubbery and borders while safely illuminating pathways.

**CREATING THIS EFFECT :** Path lights are staggered around the walkway to create pools of light that illuminate a safe passage to the home's entrance.

## DECK LIGHTING >

Step, brick and hardscape lighting can be used in masonry and wood constructions. These fixtures are specifically designed to provide safety and accent lighting while creating a warm atmosphere.

**CREATING THIS EFFECT :** A surface mounted deck sconce is placed on the wall above each step to illuminate a safe entryway to the deck. A hardscape fixture under the bench, coupled with deck sconces mounted to the corner posts create a soft glow.



1549MW-LED (DECK POSTS)  
15440BZ (UNDER BENCH)  
15508TT (ON WALL)

# LANDSCAPE LIGHTING 101™

A COMPLETE GUIDE TO PLANNING AND PLACING LANDSCAPE LIGHTING FIXTURES TO ACCENT YOUR PROPERTY AND HIGHLIGHT YOUR HOME.

[FOLD OUT FOR A FULL VIEW >](#)

## 1 SPOT LIGHTS

Spot lights are the go-to fixture to highlight elements of your landscape that add the most visual appeal, such as foliage, trees and architectural elements. Hinkley offers a wide range of spot lights to fit any need.

## 2 LUNA STEP LIGHT

Available in 12V and 120V and five colors (both double and single gang), the Luna Step Light is a versatile way to safely illuminate areas of foot traffic both indoors and out. Also fully dimmable, these fixtures allow customization of light output with only 4w of power consumption.

## 3 HARDSCAPE LIGHTING

Hardscape lighting is the perfect light source to use on retaining walls of all types, brick or stone columns and under all types of steps including wood, stone, brick and composite. It can also be used on the underside of a wide variety of outdoor surfaces including built in seating, pergolas, hand railing and fence rails. The Nexus collection of hardscape lighting is available in white and bronze to blend with all exterior styles.

## 4 GRAZING

Grazing is a technique used to emphasize a textured surface or architectural element (such as a tree trunk, a stone wall, climbing ivy, etc.) by placing a light source within one foot of the surface and aiming the light beam parallel to that surface. This technique can be accomplished with different types of Hinkley Landscape Lighting, like spot lights, well lights and Nexus fixtures.

## 5 STEP LIGHTING

Step lighting is a safety must for any outdoor zones with elevation elements, especially in areas without overhead illumination. Take the traffic pattern of your space into account to cover commonly used areas.

**STAIRWAY WIDTH** step lights should be installed on the horizontal center of each riser, taking the fixture's louver angle into account for light reach.

**WIDE AREA WIDTH** step lights are generally installed 4'-6' apart, depending on fixture width.

## 6 DECK LIGHTING

Installing deck lights adds safety and illumination to your favorite outdoor entertaining space. Fixtures are most often installed into the posts of a deck to provide proper light output around the perimeter of the space.

## 7 OUTDOOR PENDANTS

Exterior pendants and hanging lanterns can be used as a lighting source to illuminate and accent an outdoor dining space. A general guideline to follow is the same as interior pendants, which is for the bottom of the fixture to sit 28"-34" above the table.

### *illuminating interiors*

VISIT [HINKLEYLIGHTING.COM](http://HINKLEYLIGHTING.COM) TO VIEW THE ORIGINAL LIGHTING 101, YOUR GUIDE TO SELECTING AND SIZING A HOME FULL OF FIXTURES.

## 8 OUTDOOR FLUSH MOUNTS

Flush mounts are the perfect lighting selection for second story balconies or overhangs to provide a nighttime glow for outdoor seating and activity.

## 9 OUTDOOR LANTERNS

Lanterns mounted at a point of entry to the home provide safety, security and a welcoming decorative element.

**ONE LANTERN** should measure about  $\frac{1}{3}$  the height of your door.

**TWO LANTERNS** should measure about  $\frac{1}{4}$  the height of the door. In all cases, the center of the light source should rest about 66" above the threshold.

## 10 PATH LIGHTING

Path lighting is the perfect way to add style and safety to a walkway. Lights should be placed about 6' apart from one another, and staggered on either side of the path. Consider the light output of your fixtures to determine spacing that keeps the light from overlapping.

## 11 SHADOWING

Shadowing is an effect created by placing a light source, often a spot light, in front of an object and projecting a shadow onto a surface behind the object, such as the shadow of a tree onto a home's façade.

## 12 UPLIGHTING

Uplighting is illuminating an area, surface or object from below to create a focal point in the landscape. Spot lights and well lights are the most common fixtures to use in this application. Consider the width of the area you will be illuminating when choosing the beam spread of the fixture or bulb.

## 13 TRANSFORMER

Transformers convert your 120-volt household current to 12-volt. Calculate the total lamp wattage, or VA for LED, that your system requires and choose a transformer powerful enough to handle the total wattage/VA with extra capacity.

**EXTERIOR INSTALLATION** on the side or back of the home must be mounted 12" from the ground next to an outlet.

**INTERIOR INSTALLATION** such as in a basement, garage or shed must be listed for that application. UL code also requires an additional plate to guard against fire and conduit must be used when running wiring through an interior wall.



# THE MAKINGS OF A *fabulous* FAÇADE

EMBARK ON YOUR STYLE SEARCH

Entryway lighting is the optimal accessory to the front of your home, serving as a welcoming feature for your family and guests. Keep in mind that when selecting decorative outdoor lighting, it is best to stay true to the period and architectural style of your home's exterior. Choose path lights and outdoor lanterns that are complementary to one another and the style of your home, as well as the natural environment that surrounds it.

*If your home is* **TRADITIONAL** >

Look for elegant lighting with design details such as beveled glass, stately scrollwork and rich, dark finishes in shades of bronze.



HARDY ISLAND 16007MZ-LED, PAGE 39  
TRELLIS 1435RB, HINKLEY FULL LINE CATALOG



ATLANTIS 1518HE-LED, PAGE 32  
ATLANTIS 1641HE-LED,  
HINKLEY FULL LINE CATALOG

*If your home is* **TRANSITIONAL**

Take architectural details into account. Does your home radiate a refined rustic vibe? Weathered finishes could be your go-to. If your property has coastal character, nautical-inspired cast brass fixtures are a must for design and durability.

< *If your home is* **MODERN**

Your space will shine with chic, minimalist styles that showcase clean, contemporary lines. Try a titanium or hematite finish to complement cooler-toned stonework or concrete. To enhance your modern decor, consider path lights and lanterns with seeded glass, which will produce a subtle yet stylish pattern of light.

NO MATTER THE LOOK OF YOUR PROPERTY,  
ENERGY-EFFICIENCY IS ALWAYS ON TREND.

Hinkley offers the widest range of decorative LED designs in the industry to illuminate your home's exterior, ranging from traditional to modern and every style in between.



1

**SPOT LIGHTS**

Accent Lighting  
Page 15

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**LUNA  
STEP LIGHT**

12V, Page 50  
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**STEP LIGHTING**

Deck, Step and  
Brick Lighting  
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**DECK LIGHTING**

Deck, Step and  
Brick Lighting  
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**OUTDOOR  
PENDANTS**

Full Line Catalog  
[hinkleylighting.com](http://hinkleylighting.com)



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**OUTDOOR  
FLUSH MOUNTS**

Full Line Catalog  
[hinkleylighting.com](http://hinkleylighting.com)

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**LANERNS**

Full Line Catalog  
[hinkleylighting.com](http://hinkleylighting.com)

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**PATH  
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**SHADOWING**

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**UPLIGHTING**

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**TRANSFORMERS**

Pages 60-61

# ReTHINK LED

What's the big deal about the alternatives to traditional lighting? There are many reasons to be excited about new illumination methods like solid state lighting. The most popular form, LED, benefits both the user and our planet, and who doesn't like win/win scenarios? Let's take a look at a few of its advantages:

## LONG LIFE

A long service life is one of the most thrilling aspects of LED lighting. It can have an operational life of up to 100,000 hours! That's equal to about 20 years of traditional use. And since they don't automatically "burn out," LEDs will simply become less bright near the end of its life span.

## ENERGY EFFICIENT

Energy efficiency is top of mind when thinking about lighting consumption. LEDs offer stellar efficacy, or lumens of light output per watt of electrical input. Since it also decreases the amount of needed maintenance, these benefits can apply to both residential or urban applications.

## ECO-FRIENDLY

Completely free of toxic materials, LEDs are ecologically friendly and 100% recyclable. With a longer life span and less replacement needed, this will also save on overall materials and that is always good news for our planet!

## DURABILITY

Built to withstand extreme weather conditions and temperature variations, don't let the compact size of an LED fool you. They are optimal for outdoor lighting systems and don't have the more fragile filament or arc tube, which can break.

## REDUCED UV EMISSIONS

LEDs produce extremely minimal infrared light and UV emissions during the light transmission. This means few limitations while considering the illumination of heat-sensitive objects or materials, allowing extreme flexibility in design applications.

## LOW VOLTAGE POWER SUPPLY

Since this is sufficient for LED, landscape lighting is a breeze and allows this amazing technology to enhance and benefit your outdoor lighting plans.

## LIGHT DISPERSION

LED is designed to focus its light and brighten up immediately while being directed to a specific location without the need for an external reflector, making this little guy a bundle of efficiency.

## HINKLEY INTEGRATED LED

See page 14 for the technical specifications associated with Hinkley's integrated technology. Visit [hinkleylighting.com](http://hinkleylighting.com) to view the patents held by Hinkley products.



NEXUS 15471BZ AND 15472BZ, PAGE 46

“The salt air in the low-country can be brutal, so it's crucial to consider lighting, furniture and fabrics that are going to withstand the different climates.”

GINGER BREWTON  
GINGER BREWTON INTERIORS  
CHARLESTON, SC



# HARDY ISLAND

HARDY ISLAND 1536MZ, PAGE 16, AND 16022MZ-LED, PAGE 39

Named for the ruggedly beautiful island off the coast of British Columbia that bears its name, Hardy Island is designed to defy the harshest environments in style. Hardy Island offers fully enclosed lamps, features a weathered brass finish that will mature naturally over time and is backed by a lifetime warranty.



**HARDY ISLAND** IS A HEAVY DUTY SOLID CAST BRASS COLLECTION, THE PERFECT COLLABORATION OF FORM AND FUNCTION.

 look for Hardy Island fixtures throughout the catalog

PATH

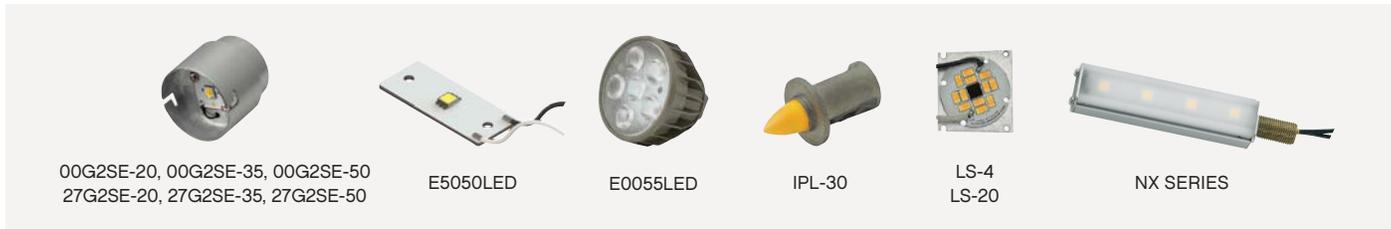
SPOT

DECK & STEP

ACCENT

**INTELLIGENT LIGHTING** HINKLEY IS DEDICATED TO PROVIDING STATE-OF-THE-ART PRODUCTS BY UTILIZING THE LATEST TECHNOLOGY AND CUTTING EDGE COMPONENTS. BELOW ARE THE ENGINES AND SPECIFICATIONS FOR HINKLEY'S INTEGRATED LED.

## INTEGRATED LED



### LED ENGINES *Not Available to Purchase*

| ITEM      | DESCRIPTION                               | ENGINE LUMENS   | COLOR TEMP. | CRI | WATTS CONSUMED | VA     | INCANDESCENT EQUIVALENCY | LIFESPAN | DIMMABLE |
|-----------|---|-----------------|-------------|-----|----------------|--------|--------------------------|----------|----------|
| 00G2SE-20 | Integrated MR Lamp Engine                 | See pages 62-63 |             | 80  | 3W             | 3.2VA  | 20W                      | 60,000   | -        |
| 00G2SE-35 | Integrated MR Lamp Engine                 | See pages 62-63 |             | 80  | 5W             | 5.3VA  | 35W                      | 60,000   | -        |
| 00G2SE-50 | Integrated MR Lamp Engine                 | See pages 62-63 |             | 80  | 7.5W           | 7.8VA  | 50W                      | 60,000   | -        |
| 27G2SE-20 | Integrated MR Lamp Engine                 | See pages 62-63 |             | 80  | 3W             | 3.2VA  | 20W                      | 60,000   | -        |
| 27G2SE-35 | Integrated MR Lamp Engine                 | See pages 62-63 |             | 80  | 5W             | 5.3VA  | 35W                      | 60,000   | -        |
| 27G2SE-50 | Integrated MR Lamp Engine                 | See pages 62-63 |             | 80  | 7.5W           | 7.8VA  | 50W                      | 60,000   | -        |
| E0055LED  | Integrated Line Voltage Lamp Engine       | 450             | 3000        | 80  | 7.0W           | -      | 50W                      | 35,000   | -        |
| E5050LED  | Integrated Deck Light Engine              | 120             | 2700        | 80  | 1.5W           | 2.4VA  | 12W                      | 40,000   | MLV*     |
| IPL-30    | Integrated Path Light Engine              | 120             | 2700        | 80  | 2.3W           | 3.9VA  | 12W                      | 60,000   | MLV*     |
| LS-4      | Integrated Low Voltage Step Light Engine  | 200             | 2700        | 90  | 3.8W           | 6.5VA  | 20W                      | 40,000   | MLV*     |
| LS-20     | Integrated Line Voltage Step Light Engine | 240             | 2700        | 90  | 4W             | -      | 20W                      | 40,000   | ANY**    |
| NX3       | Integrated Linear Engine                  | 250             | 2700        | 80  | 3.8W           | 5.7VA  | 25W                      | 40,000   | MLV*     |
| NX6       | Integrated Linear Engine                  | 250             | 2700        | 80  | 3.8W           | 5.7VA  | 25W                      | 40,000   | MLV*     |
| NX12      | Integrated Linear Engine                  | 500             | 2700        | 80  | 7.3W           | 10.8VA | 50W                      | 40,000   | MLV*     |

\*MLV: Magnetic Low Voltage control on primary (120VAC) side of transformer. \*\*ANY: Any phase cut incandescent dimmer control. Values are subject to change, so reference hinkleylighting.com for the most up-to-date energy-efficient specs.

VIEW PAGES 64-65 FOR LED BULBS AVAILABLE FOR PURCHASE

## ICON GUIDE

Throughout this catalog we have utilized a variety of important icons to assist with your lighting selections. This key describes each icon in detail for easy reference.



**INTEGRATED LED**  
Each energy-efficient fixture is equipped with a fully integrated LED panel and built-in driver.



**120 VOLT**  
Indicates a line voltage fixture that is able to accommodate lamps with a higher wattage and light output. Ideal for commercial and public spaces.



**HARDY ISLAND**  
Fixture is constructed from heavy duty solid cast brass and features a weathered brass finish. Designed to withstand the most extreme climates. See page 13 for more information.



**COASTAL SERIES**  
Coastal Series fixtures are constructed from sturdy copper and brass. Designed for harsh environments.

# ACCENT LIGHTING



HARDY ISLAND 1536MZ, PAGE 16, AND 16022MZ-LED, PAGE 39

# THE ONLY SPOT LIGHT YOU WILL EVER NEED

THE 1536 SERIES IS A CUTTING EDGE MODULAR LED LIGHT ENGINE SYSTEM DESIGNED TO MEET ANY SPOT LIGHT NEED.



FROM LEFT:  
1536 MZ  
HARDY ISLAND™ SPOT LIGHT  
2 1/2" DIA. SHROUD, 5 3/4" L, 3/4" H  
1536 BZ  
SPOT LIGHT  
2 1/2" DIA. SHROUD, 5 3/4" L, 3/4" H

**3 LENS OPTIONS** OFFER VERSATILITY IN BEAM SPREAD via an easy-to-remove and insert optic assembly

**LED ENGINES** AVAILABLE IN 3W, 5W AND 7.5W NOW IN BOTH 2700K AND 3000K



00G2FO-FLOOD  
FLOOD SPREAD LENS



00G2FO-MEDIUM  
MEDIUM SPREAD LENS



00G2FO-SPOT  
SPOT LENS



27G2SE-20, 27G2SE-35, 27G2SE-50  
CREE 2700K 3W, 5W, 7.5W LED  
00G2SE-20, 00G2SE-35, 00G2SE-50  
CREE 3000K 3W, 5W, 7.5W LED



Incorporates CREE LEDs with application performance tested by CREE.

HARDY ISLAND  CAST BRASS SPOT LIGHTS

|  LED ITEM | DESCRIPTION   | LED ENGINE (INCLUDED) | COLOR TEMP. | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | FINISH       | CONSTRUCTION | GLASS LENS |
|--|---|-----------------------|-------------|--------------------------|--------------------------|--------------|--------------|------------|
| <b>1536 MZ-3W27F</b><br><b>1536 MZ-3W27MD</b><br><b>1536 MZ-3W27SP</b>                     | 60° LED Flood Light<br>40° LED Medium Light<br>25° LED Spot Light | 27G2SE-20             | 2700K       | 3w / 3.2VA               | 20w                      | Matte Bronze | Cast Brass   | Clear*     |
| <b>1536 MZ-5W27F</b><br><b>1536 MZ-5W27MD</b><br><b>1536 MZ-5W27SP</b>                     | 60° LED Flood Light<br>40° LED Medium Light<br>25° LED Spot Light | 27G2SE-35             | 2700K       | 5w / 5.3VA               | 35w                      | Matte Bronze | Cast Brass   | Clear*     |
| <b>1536 MZ-8W27F</b><br><b>1536 MZ-8W27MD</b><br><b>1536 MZ-8W27SP</b>                     | 60° LED Flood Light<br>40° LED Medium Light<br>25° LED Spot Light | 27G2SE-50             | 2700K       | 7.5w / 7.8VA             | 50w                      | Matte Bronze | Cast Brass   | Clear*     |
| <b>1536 MZ-3WLEDL</b><br><b>1536 MZ-3WLEDMD</b><br><b>1536 MZ-3WLEDSP</b>                  | 60° LED Flood Light<br>40° LED Medium Light<br>25° LED Spot Light | 00G2SE-20             | 3000K       | 3w / 3.2VA               | 20w                      | Matte Bronze | Cast Brass   | Clear*     |
| <b>1536 MZ-5WLEDL</b><br><b>1536 MZ-5WLEDMD</b><br><b>1536 MZ-5WLEDSP</b>                  | 60° LED Flood Light<br>40° LED Medium Light<br>25° LED Spot Light | 00G2SE-35             | 3000K       | 5w / 5.3VA               | 35w                      | Matte Bronze | Cast Brass   | Clear*     |
| <b>1536 MZ-8WLEDL</b><br><b>1536 MZ-8WLEDMD</b><br><b>1536 MZ-8WLEDSP</b>                  | 60° LED Flood Light<br>40° LED Medium Light<br>25° LED Spot Light | 00G2SE-50             | 3000K       | 7.5w / 7.8VA             | 50w                      | Matte Bronze | Cast Brass   | Clear*     |

## CAST ALUMINUM SPOT LIGHTS

|  LED ITEM | DESCRIPTION   | LED ENGINE (INCLUDED) | COLOR TEMP. | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | FINISH | CONSTRUCTION  | GLASS LENS |
|--|---|-----------------------|-------------|--------------------------|--------------------------|--------|---------------|------------|
| <b>1536 BZ-3W27F</b><br><b>1536 BZ-3W27MD</b><br><b>1536 BZ-3W27SP</b>                     | 60° LED Flood Light<br>40° LED Medium Light<br>25° LED Spot Light | 27G2SE-20             | 2700K       | 3w / 3.2VA               | 20w                      | Bronze | Cast Aluminum | Clear*     |
| <b>1536 BZ-5W27F</b><br><b>1536 BZ-5W27MD</b><br><b>1536 BZ-5W27SP</b>                     | 60° LED Flood Light<br>40° LED Medium Light<br>25° LED Spot Light | 27G2SE-35             | 2700K       | 5w / 5.3VA               | 35w                      | Bronze | Cast Aluminum | Clear*     |
| <b>1536 BZ-8W27F</b><br><b>1536 BZ-8W27MD</b><br><b>1536 BZ-8W27SP</b>                     | 60° LED Flood Light<br>40° LED Medium Light<br>25° LED Spot Light | 27G2SE-50             | 2700K       | 7.5w / 7.8VA             | 50w                      | Bronze | Cast Aluminum | Clear*     |
| <b>1536 BZ-3WLEDL</b><br><b>1536 BZ-3WLEDMD</b><br><b>1536 BZ-3WLEDSP</b>                  | 60° LED Flood Light<br>40° LED Medium Light<br>25° LED Spot Light | 00G2SE-20             | 3000K       | 3w / 3.2VA               | 20w                      | Bronze | Cast Aluminum | Clear*     |
| <b>1536 BZ-5WLEDL</b><br><b>1536 BZ-5WLEDMD</b><br><b>1536 BZ-5WLEDSP</b>                  | 60° LED Flood Light<br>40° LED Medium Light<br>25° LED Spot Light | 00G2SE-35             | 3000K       | 5w / 5.3VA               | 35w                      | Bronze | Cast Aluminum | Clear*     |
| <b>1536 BZ-8WLEDL</b><br><b>1536 BZ-8WLEDMD</b><br><b>1536 BZ-8WLEDSP</b>                  | 60° LED Flood Light<br>40° LED Medium Light<br>25° LED Spot Light | 00G2SE-50             | 3000K       | 7.5w / 7.8VA             | 50w                      | Bronze | Cast Aluminum | Clear*     |

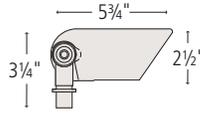
\*Optional performance lenses available, see page 59. Photometrics for 1536 spot lights are available on pages 62-63.

### LED MODULES FOR 1536 SERIES SPOT LIGHTS

| ITEM             | DESCRIPTION     | COLOR TEMP. | POWER SUPPLY REQUIREMENT | LUMEN OUTPUT | CRI | LIFESPAN (HOURS) | CONSTRUCTION  |
|------------------|-----------------|-------------|--------------------------|--------------|-----|------------------|---------------|
| <b>27G2SE-20</b> | CREE 3 Watt LED | 2700K       | 3w / 3.2VA               | 225          | 80  | 60,000           | Cast Aluminum |
| <b>27G2SE-35</b> | CREE 5 Watt LED | 2700K       | 5w / 5.3VA               | 325          | 80  | 60,000           | Cast Aluminum |
| <b>27G2SE-50</b> | CREE 8 Watt LED | 2700K       | 7.5w / 7.8VA             | 450          | 80  | 60,000           | Cast Aluminum |
| <b>00G2SE-20</b> | CREE 3 Watt LED | 3000K       | 3w / 3.2VA               | 250          | 80  | 60,000           | Cast Aluminum |
| <b>00G2SE-35</b> | CREE 5 Watt LED | 3000K       | 5w / 5.3VA               | 350          | 80  | 60,000           | Cast Aluminum |
| <b>00G2SE-50</b> | CREE 8 Watt LED | 3000K       | 7.5w / 7.8VA             | 475          | 80  | 60,000           | Cast Aluminum |

### LED LENS FOR 00G2SE & 27G2SE ENGINES

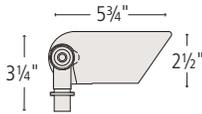
| ITEM                 | DESCRIPTION        | FINISH | BEAM SPREAD | CONSTRUCTION |
|----------------------|--------------------|--------|-------------|--------------|
| <b>00G2FO-FLOOD</b>  | Flood Spread Lens  | Black  | 60°         | Composite    |
| <b>00G2FO-MEDIUM</b> | Medium Spread Lens | Gray   | 40°         | Composite    |
| <b>00G2FO-SPOT</b>   | Spot Lens          | White  | 25°         | Composite    |



**1536 MZ**  
 HARDY ISLAND™  
 50W MR16 SPOT LIGHT  
 2½" DIA. SHROUD, 5¾" L, 3¼" H



**1536 BZ**  
 50W MR16 SPOT LIGHT  
 2½" DIA. SHROUD, 5¾" L, 3¼" H



Lens View

**1536 BZ-DN**  
 50W MR16 DOWN LIGHT  
 2½" DIA. SHROUD  
 5¾" L, 3¼" H

| ITEM              | LAMP<br>(NOT INCLUDED) | WATTAGE   | BULB FOR LED<br>CONVERSION<br>(NOT INCLUDED) | FINISH | CONSTRUCTION  | LENS        |
|-------------------|------------------------|-----------|--|--------|---------------|-------------|
| <b>1536 BZ</b>    | MR16                   | up to 50w | MR16 LED                                     | Bronze | Cast Aluminum | Clear       |
| <b>1536 BZ-DN</b> | MR16                   | up to 50w | MR16 LED                                     | Bronze | Cast Aluminum | Hex Louver* |
| <b>1536 MZ</b>    | MR16                   | up to 50w | MR16 LED                                     | Brass  | Solid Brass   | Clear       |

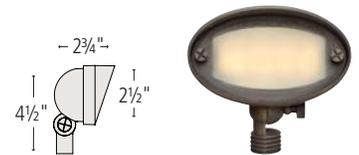
\*Includes Hex Louver lens for down light use only. Optional performance lenses available, see page 59. Photometrics for spot lights are based off bulb photometrics. See pages 64-67. See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014 BZ, page 59) is supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.



**16501 MZ**  
**16501 MZ-27K60**  
 HARDY ISLAND™  
 SPOT LIGHT  
 1 3/4" DIA. SHROUD  
 4 3/4" L, 2 1/2" H



**DESIGN NOTE** ..... 16571 is oval in shape.



**16507 MZ**  
**16507 MZ-27K60**  
 HARDY ISLAND™  
 SPOT LIGHT & STEM  
 1 3/4" DIA. SHROUD  
 6 1/2" L, 2 6 3/4" H



**16571 MZ**  
**16571 MZ-LED**  
 HARDY ISLAND™ SMALL  
 WALL WASH FLOOD LIGHT  
 2 1/2" DIA. SHROUD  
 2 3/4" L, 4 1/2" H

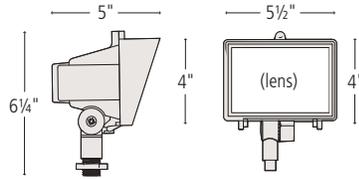


| LED ITEM              | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM            | LAMP (NOT INCLUDED) | WATTAGE   | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH       | CONSTRUCTION | LENS    |
|-----------------------|-----------------------|--------------------------|--------------------------|-----------------|---------------------|-----------|--|--------------|--------------|---------|
| <b>16501 MZ-27K60</b> | MR8LED60              | 2.5w                     | 10w                      | <b>16501 MZ</b> | MR11                | up to 20w | MR8LED60                               | Matte Bronze | Cast Brass   | Clear   |
| <b>16507 MZ-27K60</b> | MR8LED60              | 2.5w                     | 10w                      | <b>16507 MZ</b> | MR11                | up to 20w | MR8LED60                               | Matte Bronze | Cast Brass   | Clear   |
| <b>16571 MZ-LED</b>   | NX3                   | 3.8w / 5.7VA             | 25w                      | <b>16571 MZ</b> | T4                  | up to 20w | T3 LED                                 | Matte Bronze | Cast Brass   | Frosted |

Photometrics for spot lights are based off bulb photometrics. See pages 64-67. See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014 BZ, page 59) is supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS (BASED ON VARIOUS MOUNTING DISTANCES AT 22° ANGLE)**

| HORIZONTAL DISTANCE FROM CENTER |                | LED ITEM / ITEM | 1'    | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | 8'   |
|---------------------------------|----------------|-----------------|-------|------|------|------|------|------|------|------|
| FOOT CANDLES                    | 3' From Object | 16571 MZ-LED    | 10.55 | 6.53 | 3.88 | 1.63 | 0.66 | 0.43 | 0.30 | 0.13 |
|                                 | 6' From Object |                 | 6.96  | 4.31 | 2.56 | 1.08 | 0.44 | 0.28 | 0.20 | 0.09 |
|                                 | 3' From Object | 16571 MZ        | 8.44  | 5.22 | 3.10 | 1.30 | 0.53 | 0.34 | 0.24 | 0.10 |
|                                 | 6' From Object |                 | 5.57  | 3.45 | 2.05 | 0.86 | 0.35 | 0.23 | 0.16 | 0.07 |



**1520 BZ**  
50W FLOOD LIGHT  
WITH CLEAR LENS  
5½" W, 4" H SHROUD  
5" L, 6¼" H

**1521 BZ**  
50W FLOOD LIGHT  
WITH FROSTED LENS  
5½" W, 4" H SHROUD  
5" L, 6¼" H

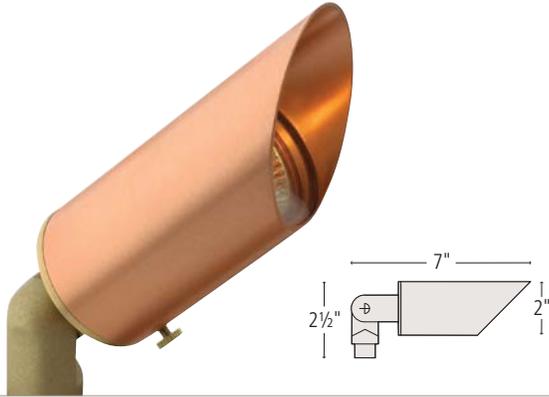
| ITEM           | LAMP (NOT INCLUDED) | WATTAGE   | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH | CONSTRUCTION  | LENS    |
|----------------|---------------------|-----------|--|--------|---------------|---------|
| <b>1520 BZ</b> | T4                  | up to 50w | T3 LED                                 | Bronze | Cast Aluminum | Clear   |
| <b>1521 BZ</b> | T4                  | up to 50w | T3 LED                                 | Bronze | Cast Aluminum | Frosted |

See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014 BZ, page 59) is supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS** (BASED ON VARIOUS MOUNTING DISTANCES AT 22° ANGLE)

| HORIZONTAL LIGHT SPREAD |                | ITEM    | 1'    | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | 8'   | 9'   |
|-------------------------|----------------|---------|-------|------|------|------|------|------|------|------|------|
| FOOT CANDLES            | 3' From Object | 1520 BZ | 14.21 | 7.04 | 4.08 | 2.59 | 1.36 | 0.86 | 0.62 | 0.37 | 0.12 |
|                         | 6' From Object |         | 4.87  | 4.58 | 3.59 | 2.71 | 1.82 | 1.13 | 0.74 | 0.64 | 0.54 |
|                         | 9' From Object |         | 2.24  | 2.15 | 2.10 | 1.83 | 1.56 | 1.29 | 0.93 | 0.75 | 0.57 |
|                         | 3' From Object | 1521 BZ | 14.98 | 9.56 | 4.75 | 2.35 | 1.14 | 0.53 | 0.30 | 0.18 | 0.06 |
|                         | 6' From Object |         | 4.48  | 3.90 | 3.27 | 2.51 | 1.90 | 1.32 | 0.93 | 0.68 | 0.44 |
|                         | 9' From Object |         | 1.96  | 1.72 | 1.56 | 1.35 | 1.14 | 0.93 | 0.73 | 0.56 | 0.35 |

Photometrics for spot lights are based off bulb photometrics. See pages 64-67.



**1583 NC**  
50W MR16 COPPER SPOT LIGHT  
2" DIA. SHROUD  
7" L, 2½" H



**1530 BZ**  
20W MR11 SPOT LIGHT  
1¾" DIA. SHROUD  
3½" L, 2½" H



**1539 BS**  
50W MR16 BRASS SUBMERSIBLE  
POND LIGHT  
3¾" DIA. SHROUD  
5" L, 4½" H

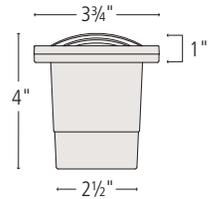
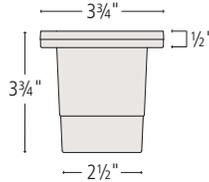


**1538 BZ**  
50W MR16 SPOT LIGHT  
3" DIA. SHROUD  
5½" L, 4¼" H

| ITEM    | LAMP<br>(NOT INCLUDED) | WATTAGE   | BULB FOR LED<br>CONVERSION<br>(NOT INCLUDED) | FINISH         | CONSTRUCTION     | LENS   |
|---------|------------------------|-----------|--|----------------|------------------|--------|
| 1530 BZ | MR11                   | up to 20w | MR8LED60                                     | Bronze         | Cast Aluminum    | Clear  |
| 1538 BZ | MR16                   | up to 50w | MR16 LED                                     | Bronze         | PPS Composite    | Clear* |
| 1539 BS | MR16                   | up to 50w | MR16 LED                                     | Brass          | Solid Brass      | Clear  |
| 1583 NC | MR16                   | up to 50w | MR16 LED                                     | Natural Copper | Copper and Brass | Clear  |

\*Optional performance lenses available, see page 59. Photometrics for spot lights are based off bulb photometrics. See pages 64-67. See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014 BZ, page 59) is supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

Well lights come with an easy installation, anti-corrosion PVC burial sleeve. (Can install into concrete)



16701 MZ  
16701 MZ-3K25, 16701 MZ-3K60  
16701 MZ-27K25, 16701 MZ-27K60  
HARDY ISLAND™ FLAT TOP WELL LIGHT  
3 3/4" DIA., 3 3/4" H, 1/2" H TOP  
2 1/2" DIA. BASE

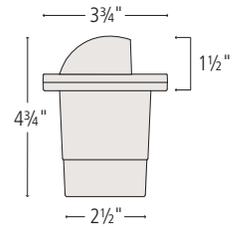
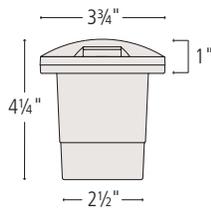


16704 MZ  
16704 MZ-3K25, 16704 MZ-3K60  
16704 MZ-27K25, 16704 MZ-27K60  
HARDY ISLAND™ GRILL TOP WELL LIGHT  
3 3/4" DIA., 4" H, 1" H TOP  
2 1/2" DIA. BASE



| LED ITEM       | LED LAMP (INCLUDED) | WATTAGE | INCANDESCENT EQUIVALENCY | ITEM     | LAMP (NOT INCLUDED) | WATTAGE   | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH       | CONSTRUCTION | LENS  |
|----------------|---------------------|---------|--------------------------|----------|---------------------|-----------|--|--------------|--------------|-------|
| 16701 MZ-27K25 | 25° 2700K MR16      | 2w      | 20w                      | 16701 MZ | MR16                | up to 20w | MR16 LED                               | Matte Bronze | Cast Brass   | Clear |
| 16701 MZ-27K60 | 60° 2700K MR16      | 2w      | 20w                      |          |                     |           |  |              |              |       |
| 16701 MZ-3K25  | 25° 3000K MR16      | 2w      | 20w                      |          |                     |           |  |              |              |       |
| 16701 MZ-3K60  | 60° 3000K MR16      | 2w      | 20w                      |          |                     |           |  |              |              |       |
| 16704 MZ-27K25 | 25° 2700K MR16      | 2w      | 20w                      | 16704 MZ | MR16                | up to 20w | MR16 LED                               | Matte Bronze | Cast Brass   | Clear |
| 16704 MZ-27K60 | 60° 2700K MR16      | 2w      | 20w                      |          |                     |           |  |              |              |       |
| 16704 MZ-3K25  | 25° 3000K MR16      | 2w      | 20w                      |          |                     |           |  |              |              |       |
| 16704 MZ-3K60  | 60° 3000K MR16      | 2w      | 20w                      |          |                     |           |  |              |              |       |

A wiring kit is supplied. Photometrics for spot lights are based off bulb photometrics. See pages 64-67. See pages 64-65 for LED conversion lamps. For accessories, see pages 58-59. For Transformers, see pages 60-61.



**16710 MZ**  
**16710 MZ-3K60**  
 HARDY ISLAND™ DIRECTIONAL WELL LIGHT  
 3 3/4" DIA., 4 1/4" H, 1" H TOP  
 2 1/2" DIA. BASE



**16707 MZ**  
**16707 MZ-3K25**  
 HARDY ISLAND™ EYEBROW WELL LIGHT  
 3 3/4" DIA., 4 3/4" H, 1 1/2" H TOP  
 2 1/2" DIA. BASE



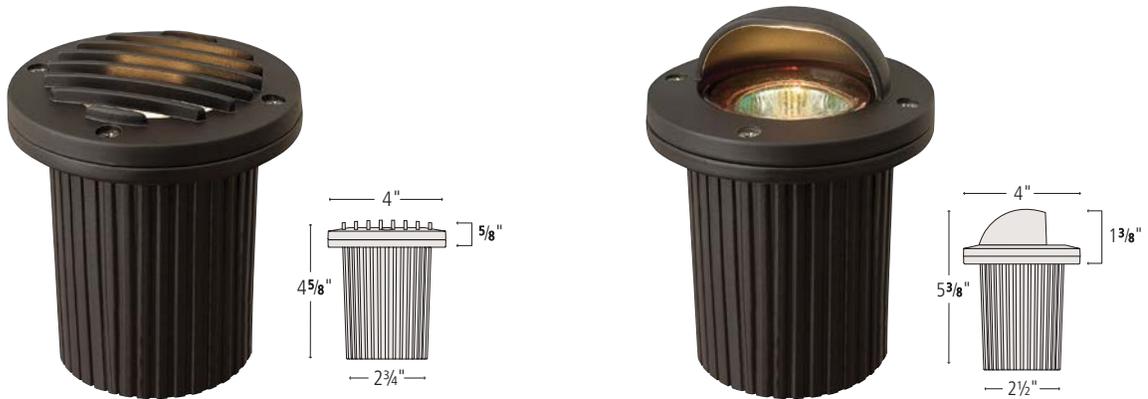
| LED ITEM      | LED LAMP (INCLUDED) | WATTAGE | INCANDESCENT EQUIVALENCY | ITEM     | LAMP (NOT INCLUDED) | WATTAGE   | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH       | CONSTRUCTION | LENS    |
|---------------|---------------------|---------|--------------------------|----------|---------------------|-----------|--|--------------|--------------|---------|
| 16707 MZ-3K25 | 25° 3000K MR16      | 2w      | 20w                      | 16707 MZ | MR16                | up to 20w | T3 LED                                 | Matte Bronze | Cast Brass   | Frosted |
| 16710 MZ-3K60 | 60° 3000K MR16      | 2w      | 20w                      | 16710 MZ | MR16                | up to 20w | T3 LED                                 | Matte Bronze | Cast Brass   | Clear   |

A wiring kit is supplied. Photometrics for spot lights are based off bulb photometrics. See pages 64-67. See pages 64-65 for LED conversion lamps. For accessories, see pages 58-59. For Transformers, see pages 60-61.

1599BS comes with an easy installation, anti-corrosion PVC burial sleeve.



**1599 BS**  
50W MR16 BRASS WELL LIGHT  
3 3/4" DIA., 4 5/8" H, 5/8" H TOP  
2 1/2" DIA. BASE



**1590 BZ**  
50W MR16 WELL LIGHT  
4" DIA., 4 5/8" H, 5/8" H TOP  
2 3/4" DIA. BASE

**1595 BZ**  
SHIELDED 50W MR16 WELL LIGHT  
4" DIA., 5 3/8" H, 1 3/8" H TOP  
2 1/2" DIA. BASE

| ITEM    | LAMP (NOT INCLUDED) | WATTAGE   | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH | CONSTRUCTION                       | LENS        |
|---------|---------------------|-----------|--|--------|------------------------------------|-------------|
| 1590 BZ | MR16                | up to 50w | MR16 LED                               | Bronze | Cast Aluminum                      | Clear Domed |
| 1595 BZ | MR16                | up to 50w | MR16 LED                               | Bronze | Cast Aluminum                      | Clear Domed |
| 1599 BS | MR16                | up to 50w | MR16 LED                               | Brass  | Solid Brass with PVC Burial Sleeve | Clear       |

A wiring kit is supplied. Photometrics for spot lights are based off bulb photometrics. See pages 64-67. See pages 64-65 for LED conversion lamps. For accessories, see pages 58-59. For Transformers, see pages 60-61.

# PATH / AREA

## LIGHTING



HARBOR 1560AP, PAGE 35



*Introducing...*

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# BRAND NEW BOLLARDS

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STREAMLINED DESIGN + DURABILITY + EFFICIENT LIGHT OUTPUT



COORDINATING OUTDOOR LANTERN  
COLLECTIONS ARE AVAILABLE FOR  
ALL BOLLARDS.

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LUNA BOLLARD IN  
BRONZE AND TITANIUM,  
SEE PAGE 27



15609 BZ  
15609 BZ-LED  
LUNA™ BOLLARD  
3" DIA., 30" H



15609 TT  
15609 TT-LED  
LUNA™ BOLLARD  
3" DIA., 30" H



15607 KZ  
15607 KZ-LED  
SHELTER™ BOLLARD  
4" W, 30" H



15607 HE  
15607 HE-LED  
SHELTER™ BOLLARD  
4" W, 30" H

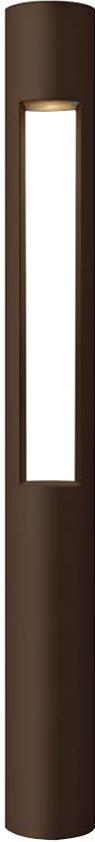


15607 BK  
15607 BK-LED  
SHELTER™ BOLLARD  
4" W, 30" H



| LED ITEM     | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM     | LAMP (NOT INCLUDED) | WATTAGE | FINISH         | CONSTRUCTION | LENS   |
|--------------|-----------------------|--------------------------|--------------------------|----------|---------------------|---------|----------------|--------------|--|
| 15607 BK-LED | 27G2SE-35             | 5w / 5.3VA               | 35w                      | 15607 BK | MR16                | 20w     | Black          | Aluminum     | Clear Acrylic Outside Cylinder<br>Seedy Glass Inside Panel |
| 15607 HE-LED | 27G2SE-35             | 5w / 5.3VA               | 35w                      | 15607 HE | MR16                | 20w     | Hematite       | Aluminum     | Clear Acrylic Outside Cylinder<br>Seedy Glass Inside Panel |
| 15607 KZ-LED | 27G2SE-35             | 5w / 5.3VA               | 35w                      | 15607 KZ | MR16                | 20w     | Buckeye Bronze | Aluminum     | Clear Acrylic Outside Cylinder<br>Seedy Glass Inside Panel |
| 15609 BZ-LED | 27G2SE-35             | 5w / 5.3VA               | 35w                      | 15609 BZ | MR16                | 20w     | Bronze         | Aluminum     | Etched Glass   |
| 15609 TT-LED | 27G2SE-35             | 5w / 5.3VA               | 35w                      | 15609 TT | MR16                | 20w     | Titanium       | Aluminum     | Etched Glass   |

See pages 64-67 for lamplng options (not included). A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.



15601 BZ  
15601 BZ-LED  
ATLANTIS™  
ROUND BOLLARD  
3" DIA., 30" H



15601 TT  
15601 TT-LED  
ATLANTIS™  
ROUND BOLLARD  
3" DIA., 30" H



15602 BZ  
15602 BZ-LED  
ATLANTIS™  
SQUARE BOLLARD  
3" SQ., 30" H



15602 TT  
15602 TT-LED  
ATLANTIS™  
SQUARE BOLLARD  
3" SQ., 30" H



|  LED ITEM | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM     | LAMP (NOT INCLUDED) | WATTAGE | FINISH   | CONSTRUCTION | LENS         |
|---|-----------------------|--------------------------|--------------------------|----------|---------------------|---------|----------|--------------|--------------|
| 15601 BZ-LED  | 27G2SE-35             | 5w / 5.3VA               | 35w                      | 15601 BZ | MR16                | 20w     | Bronze   | Aluminum     | Etched Glass |
| 15601 TT-LED  | 27G2SE-35             | 5w / 5.3VA               | 35w                      | 15601 TT | MR16                | 20w     | Titanium | Aluminum     | Etched Glass |
| 15602 BZ-LED  | 27G2SE-35             | 5w / 5.3VA               | 35w                      | 15602 BZ | MR16                | 20w     | Bronze   | Aluminum     | Etched Glass |
| 15602 TT-LED  | 27G2SE-35             | 5w / 5.3VA               | 35w                      | 15602 TT | MR16                | 20w     | Titanium | Aluminum     | Etched Glass |

See pages 64-67 for lamping options (not included). A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.



15604 BZ  
15604 BZ-LED  
SOLARA™ BOLLARD  
3" DIA., 30" H



15604 TT  
15604 TT-LED  
SOLARA™ BOLLARD  
3" DIA., 30" H



15612 BZ  
15612 BZ-LED  
DORIAN™ BOLLARD  
3" SQ., 30" H



15612 TT  
15612 TT-LED  
DORIAN™ BOLLARD  
3" SQ., 30" H



| LED ITEM     | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM     | LAMP (NOT INCLUDED) | WATTAGE | FINISH   | CONSTRUCTION | LENS           |
|--------------|-----------------------|--------------------------|--------------------------|----------|---------------------|---------|----------|--------------|----------------|
| 15604 BZ-LED | 27G2SE-35             | 5w / 5.3VA               | 35w                      | 15604 BZ | MR16                | 20w     | Bronze   | Aluminum     | Etched Polymer |
| 15604 TT-LED | 27G2SE-35             | 5w / 5.3VA               | 35w                      | 15604 TT | MR16                | 20w     | Titanium | Aluminum     | Etched Polymer |
| 15612 BZ-LED | 27G2SE-35             | 5w / 5.3VA               | 35w                      | 15612 BZ | MR16                | 20w     | Bronze   | Aluminum     | Etched Glass   |
| 15612 TT-LED | 27G2SE-35             | 5w / 5.3VA               | 35w                      | 15612 TT | MR16                | 20w     | Titanium | Aluminum     | Etched Glass   |

See pages 64-67 for lamping options (not included). A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.



**15714 BZ**  
ARC™ PATH LIGHT  
1½" W, 23" H  
17" EXT.



**15711 BZ**  
ARC™ PATH LIGHT  
1½" W, 14½" H  
7¼" EXT.



**15714 TT**  
ARC™ PATH LIGHT  
1½" W, 23" H  
17" EXT.



**15711 TT**  
ARC™ PATH LIGHT  
1½" W, 14½" H  
7¼" EXT.



|  LED ITEM | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | FINISH   | CONSTRUCTION | GLASS LENS |
|---|-----------------------|--------------------------|--------------------------|----------|--------------|------------|
| <b>15711 BZ</b>   | E5050LED              | 1.5w / 2.4VA             | 12w                      | Bronze   | Aluminum     | Etched     |
| <b>15711 TT</b>   | E5050LED              | 1.5w / 2.4VA             | 12w                      | Titanium | Aluminum     | Etched     |
| <b>15714 BZ</b>   | E5050LED              | 1.5w / 2.4VA             | 12w                      | Bronze   | Aluminum     | Etched     |
| <b>15714 TT</b>   | E5050LED              | 1.5w / 2.4VA             | 12w                      | Titanium | Aluminum     | Etched     |

A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS**

| DISTANCE FROM LIGHT | LED ITEM           | 1'    | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   |
|---------------------|--------------------|-------|------|------|------|------|------|------|
| FOOT CANDLES        | 15711 BZ, 15711 TT | 11.40 | 5.53 | 2.20 | 1.18 | 0.74 | 0.48 | 0.13 |
|                     | 15714 BZ, 15714 TT | 7.02  | 2.52 | 1.06 | 0.35 | 0.16 | 0.12 |      |



**1548 BZ**  
**1548 BZ-LED**  
PIZA™ PATH LIGHT  
1¾" W, 15" H, 2¾" D  
10" EXT.



**1548 TT**  
**1548 TT-LED**  
PIZA™ PATH LIGHT  
1¾" W, 15" H, 2¾" D  
10" EXT.



**1502 BZ**  
**1502 BZ-LED**  
CONTEMPO™ PATH LIGHT  
8" W, 26" H



| LED ITEM           | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM           | LAMP INCLUDED | WATTAGE | FINISH   | CONSTRUCTION  | GLASS LENS  |
|--------------------|-----------------------|--------------------------|--------------------------|----------------|---------------|---------|----------|---------------|-------------|
| <b>1502 BZ-LED</b> | NX3                   | 3.8w / 5.7VA             | 25w                      | <b>1502 BZ</b> | 921           | 18w     | Bronze   | Cast Aluminum | Etched Opal |
| <b>1548 BZ-LED</b> | NX3                   | 3.8w / 5.7VA             | 25w                      | <b>1548 BZ</b> | 921           | 18w     | Bronze   | Aluminum      | Etched      |
| <b>1548 TT-LED</b> | NX3                   | 3.8w / 5.7VA             | 25w                      | <b>1548 TT</b> | 921           | 18w     | Titanium | Aluminum      | Etched      |

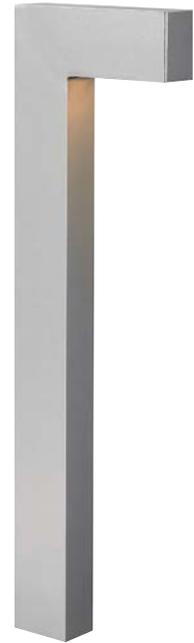
See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS**

| DISTANCE FROM LIGHT | LED ITEM                   | 1'    | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | 8'   | ITEM               | 1'   | 2'   | 3'   | 4'   | 5'   |
|---------------------|----------------------------|-------|------|------|------|------|------|------|------|--------------------|------|------|------|------|------|
| FOOT CANDLES        | 1502 BZ-LED                | 6.8   | 2.72 | 1.18 | 0.6  | 0.36 | 0.23 | 0.16 | 0.11 | 1502 BZ            | 4.03 | 3.03 | 0.81 | 0.12 |      |
|                     | 1548 BZ-LED<br>1548 TT-LED | 12.91 | 2.21 | 0.81 | 0.22 | 0.09 |      |      |      | 1548 BZ<br>1548 TT | 6.76 | 2.25 | 0.88 | 0.49 | 0.10 |

**DESIGN  
NOTE**

Atlantis 1518CD-LED is made from natural cedar wood, featuring individually unique wood grain patterns



**1518 CD-LED**  
ATLANTIS™ PATH LIGHT  
6½" W, 22" H, 1¼" EXT.



**1518 BZ**  
**1518 BZ-LED**  
ATLANTIS™ PATH LIGHT  
6½" W, 22" H, 1¼" EXT.



**1518 HE**  
**1518 HE-LED**  
ATLANTIS™ PATH LIGHT  
6½" W, 22" H, 1¼" EXT.



**1518 TT**  
**1518 TT-LED**  
ATLANTIS™ PATH LIGHT  
6½" W, 22" H, 1¼" EXT.



|  LED ITEM | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM           | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH   | CONSTRUCTION               | GLASS LENS |
|---|-----------------------|--------------------------|--------------------------|----------------|-----------------|---------|--|----------|----------------------------|------------|
| <b>1518 BZ-LED</b>  | NX3                   | 3.8w / 5.7VA             | 25w                      | <b>1518 BZ</b> | T3              | 20w     | T3 LED                                 | Bronze   | Aluminum                   | Etched     |
| <b>1518 CD-LED</b>  | NX3                   | 3.8w / 5.7VA             | 25w                      |                |                 |         |  | Cedar    | Natural Cedar and Aluminum | Etched     |
| <b>1518 HE-LED</b>  | NX3                   | 3.8w / 5.7VA             | 25w                      | <b>1518 HE</b> | T3              | 20w     | T3 LED                                 | Hematite | Aluminum                   | Etched     |
| <b>1518 TT-LED</b>  | NX3                   | 3.8w / 5.7VA             | 25w                      | <b>1518 TT</b> | T3              | 20w     | T3 LED                                 | Titanium | Aluminum                   | Etched     |

See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS**

| DISTANCE FROM LIGHT | LED ITEM   | 1'   | 2'   | 3'   | 4'   | 5'   | ITEM                      | 1'   | 2'   | 3'   | 4'   |
|---------------------|--|------|------|------|------|------|---------------------------|------|------|------|------|
| FOOT CANDLES        | 1518 BZ-LED, 1518 CD-LED, 1518 HE-LED, 1518 TT-LED | 8.73 | 2.62 | 1.64 | 0.22 | 0.07 | 1518 BZ, 1518 HE, 1518 TT | 5.00 | 1.13 | 0.27 | 0.16 |



**15014 BZ**  
ATLANTIS™ SMALL  
PATH LIGHT  
6½" W, 15" H, 1¼" EXT.



**15014 HE**  
ATLANTIS™ SMALL  
PATH LIGHT  
6½" W, 15" H, 1¼" EXT.



**15014 TT**  
ATLANTIS™ SMALL  
PATH LIGHT  
6½" W, 15" H, 1¼" EXT.



|  LED ITEM | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | FINISH   | CONSTRUCTION | GLASS LENS |
|--|-----------------------|--------------------------|--------------------------|----------|--------------|------------|
| <b>15014 BZ</b>  | NX3                   | 3.8w / 5.7VA             | 25w                      | Bronze   | Aluminum     | Etched     |
| <b>15014 HE</b>  | NX3                   | 3.8w / 5.7VA             | 25w                      | Hematite | Aluminum     | Etched     |
| <b>15014 TT</b>  | NX3                   | 3.8w / 5.7VA             | 25w                      | Titanium | Aluminum     | Etched     |

A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS**

| DISTANCE FROM LIGHT | LED ITEM                     | 1'    | 2'   | 3'   | 4'   | 5'   |
|---------------------|------------------------------|-------|------|------|------|------|
| FOOT CANDLES        | 15014 BZ, 15014 HE, 15014 TT | 16.20 | 3.50 | 1.30 | 0.11 | 0.05 |



**1547 HE**  
SHELTER™ PATH LIGHT  
4½" W, 22¼" H



**1547 KZ**  
SHELTER™ PATH LIGHT  
4½" W, 22¼" H



**1579 MT**  
SATURN™ PATH LIGHT  
4½" W, 22¼" H



**1579 SS**  
SATURN™ PATH LIGHT  
4½" W, 22¼" H

| ITEM    | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH          | CONSTRUCTION    | GLASS       |
|---------|-----------------|---------|--|-----------------|-----------------|-------------|
| 1547 HE | 921             | 18w     | T5 LED                                 | Hematite        | Aluminum        | Clear Seedy |
| 1547 KZ | 921             | 18w     | T5 LED                                 | Buckeye Bronze  | Aluminum        | Clear Seedy |
| 1579 MT | 921             | 18w     | T5 LED                                 | Metro Bronze    | Solid Brass     | Etched Opal |
| 1579 SS | 921             | 18w     | T5 LED                                 | Stainless Steel | Stainless Steel | Etched Opal |

See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS**

| DISTANCE FROM LIGHT | ITEM             | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   |
|---------------------|------------------|------|------|------|------|------|------|
| FOOT CANDLES        | 1547 HE, 1547 KZ | 4.90 | 3.35 | 1.31 | 0.74 | 0.33 | .060 |
|                     | 1579 MT, 1579 SS | 0.89 | 0.85 | 0.33 | 0.11 | 0.02 |      |



1560 AR  
HARBOR™ PATH LIGHT  
7" W, 24" H

1561 AR  
1561 AR-LED  
HARBOR™ PATH LIGHT  
7½" W, 21" H



1561 SK  
1561 SK-LED  
HARBOR™ PATH LIGHT  
7½" W, 21" H



1561 TT  
1561 TT-LED  
HARBOR™ PATH LIGHT  
7½" W, 21" H



| LED ITEM           | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM           | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH        | CONSTRUCTION | GLASS OR LENS            |
|--------------------|-----------------------|--------------------------|--------------------------|----------------|-----------------|---------|--|---------------|--------------|--------------------------|
|                    |                       |                          |                          | <b>1560 AR</b> | 921             | 18w     | T5 LED                                 | Anchor Bronze | Aluminum     | Etched Amber Bound Seedy |
| <b>1561 AR-LED</b> | NX3                   | 3.8w / 5.7VA             | 25w                      | <b>1561 AR</b> | 921             | 18w     | T5 LED                                 | Anchor Bronze | Aluminum     | Etched Lens              |
| <b>1561 SK-LED</b> | NX3                   | 3.8w / 5.7VA             | 25w                      | <b>1561 SK</b> | 921             | 18w     | T5 LED                                 | Satin Black   | Aluminum     | Etched Lens              |
| <b>1561 TT-LED</b> | NX3                   | 3.8w / 5.7VA             | 25w                      | <b>1561 TT</b> | 921             | 18w     | T5 LED                                 | Titanium      | Aluminum     | Etched Lens              |

See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS**

| DISTANCE FROM LIGHT | LED ITEM                              | 1'    | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | ITEM                      | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   |
|---------------------|---------------------------------------|-------|------|------|------|------|------|------|---------------------------|------|------|------|------|------|------|------|
| FOOT CANDLES        |                                       |       |      |      |      |      |      |      | 1560 AR                   | 4.96 | 2.22 | 0.50 | 0.28 | 0.17 | 0.09 | 0.05 |
|                     | 1561 AR-LED, 1561 SK-LED, 1561 TT-LED | 19.92 | 4.84 | 1.26 | 0.43 | 0.16 | 0.07 | 0.04 | 1561 AR, 1561 SK, 1561 TT | 8.90 | 2.78 | 0.78 | 0.36 | 0.07 | 0.03 |      |



1544 BK  
1544 BK-LED  
ELLIPSE™ PATH LIGHT  
5¾" W, 14½"-20½" H



1544 SC  
1544 SC-LED  
ELLIPSE™ PATH LIGHT  
5¾" W, 14½"-20½" H



1573 BK  
1573 BK-LED  
SAUCER™ PATH LIGHT  
8" W, 15½"-21½" H



1573 SC  
1573 SC-LED  
SAUCER™ PATH LIGHT  
8" W, 15½"-21½" H



| LED ITEM    | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM    | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH        | CONSTRUCTION  |
|-------------|-----------------------|--------------------------|--------------------------|---------|-----------------|---------|--|---------------|---------------|
| 1544 BK-LED | IPL-30                | 2.3w / 3.9VA             | 12w                      | 1544 BK | 912             | 12w     | T5 LED                                 | Black         | Cast Aluminum |
| 1544 SC-LED | IPL-30                | 2.3w / 3.9VA             | 12w                      | 1544 SC | 912             | 12w     | T5 LED                                 | Southern Clay | Cast Aluminum |
| 1573 BK-LED | IPL-30                | 2.3w / 3.9VA             | 12w                      | 1573 BK | 912             | 12w     | T5 LED                                 | Black         | Cast Aluminum |
| 1573 SC-LED | IPL-30                | 2.3w / 3.9VA             | 12w                      | 1573 SC | 912             | 12w     | T5 LED                                 | Southern Clay | Cast Aluminum |

See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

PHOTOMETRICS

| DISTANCE FROM LIGHT | LED ITEM                   | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | ITEM               | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   |
|---------------------|----------------------------|------|------|------|------|------|------|--------------------|------|------|------|------|------|------|------|
| FOOT CANDLES        | 1544 BK-LED<br>1544 SC-LED | 3.64 | 1.18 | 0.44 | 0.28 | 0.13 | 0.06 | 1544 BK<br>1544 SC | 3.88 | 1.13 | 0.38 | 0.16 | 0.10 | 0.03 |      |
|                     | 1573 BK-LED<br>1573 SC-LED | 3.62 | 1.19 | 0.43 | 0.22 | 0.16 | 0.07 | 1573 BK<br>1573 SC | 4.00 | 1.26 | 0.61 | 0.38 | 0.20 | 0.09 | 0.03 |



1558 BK/SC: 180° swiveling head allows for maximum flexibility, and can be used for wall wash applications.

**FORM & FUNCTION**

1570FS: decorative 360° rotating head allows for flexible precision to illuminate a variety of spaces.

1558 SC  
SHELL™ PATH LIGHT  
6" W, 15½"-21½" H



1558 BK  
SHELL™ PATH LIGHT  
6" W, 15½"-21½" H



1570 FS  
LEAF™ PATH LIGHT  
7" W, 20" H, 11" EXT.



| LED ITEM    | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM    | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH        | CONSTRUCTION  | GLASS LENS |
|-------------|-----------------------|--------------------------|--------------------------|---------|-----------------|---------|--|---------------|---------------|------------|
| 1558 BK-LED | IPL-30                | 2.3w / 3.9VA             | 12w                      | 1558 BK | 912             | 12w     | T5 LED                                 | Black         | Cast Aluminum | Frosted    |
| 1558 SC-LED | IPL-30                | 2.3w / 3.9VA             | 12w                      | 1558 SC | 912             | 12w     | T5 LED                                 | Southern Clay | Cast Aluminum | Frosted    |
| 1570 FS     | NX3                   | 3.8w / 5.7VA             | 25w                      |         |                 |         |  | Forest        | Aluminum      | Frosted    |

See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS**

| DISTANCE FROM LIGHT | LED ITEM                   | 1'    | 2'   | 3'   | 4'   | 5'   | ITEM               | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   |
|---------------------|----------------------------|-------|------|------|------|------|--------------------|------|------|------|------|------|------|
| FOOT CANDLES        | 1558 BK-LED<br>1558 SC-LED | 14.73 | 4.84 | 1.13 | 0.31 | 0.10 | 1558 BK<br>1558 SC | 9.48 | 2.99 | 0.58 | 0.16 | 0.05 | 0.01 |
|                     | 1570 FS                    | 12.36 | 1.67 | 0.13 | 0.07 | 0.03 |                    |      |      |      |      |      |      |

DESIGNED for  
**DURABILITY**

Hardy Island path lights are backed by a lifetime warranty, ensuring long-lasting performance in any environment.



**16007 MZ**  
16007 MZ-LED  
HARDY ISLAND™  
LARGE HAMMERED  
PATH LIGHT  
6¾" W, 23¼" H



**16010 MZ**  
16010 MZ-LED  
HARDY ISLAND™  
SMALL HAMMERED  
PATH LIGHT  
6¾" W, 15½" H



**16004 MZ**  
16004 MZ-LED  
HARDY ISLAND™  
SMALL TRADITIONAL  
PATH LIGHT  
7" W, 15½" H



**16050 MZ**  
HARDY ISLAND™  
SMALL STANDARD  
PATH LIGHT  
4½" W, 15" H



**16055 MZ**  
HARDY ISLAND™  
LARGE STANDARD  
PATH LIGHT  
6½" W, 22" H



| LED ITEM            | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM            | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH       | CONSTRUCTION | GLASS OR LENS   |
|---------------------|-----------------------|--------------------------|--------------------------|-----------------|-----------------|---------|--|--------------|--------------|-----------------|
| <b>16004 MZ-LED</b> | IPL-30                | 2.3w / 3.9VA             | 20w                      | <b>16004 MZ</b> | T3              | 20w     | T3 LED                                 | Matte Bronze | Cast Brass   | Clear Dome      |
| <b>16007 MZ-LED</b> | IPL-30                | 2.3w / 3.9VA             | 20w                      | <b>16007 MZ</b> | T3              | 20w     | T3 LED                                 | Matte Bronze | Cast Brass   | Clear Dome      |
| <b>16010 MZ-LED</b> | IPL-30                | 2.3w / 3.9VA             | 20w                      | <b>16010 MZ</b> | T3              | 20w     | T3 LED                                 | Matte Bronze | Cast Brass   | Clear Dome      |
|                     |                       |                          |                          | <b>16050 MZ</b> | T3              | 20w     | T3 LED                                 | Matte Bronze | Cast Brass   | Frosted Acrylic |
|                     |                       |                          |                          | <b>16055 MZ</b> | T3              | 20w     | T3 LED                                 | Matte Bronze | Cast Brass   | Frosted Acrylic |

See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS**

| DISTANCE FROM LIGHT | LED ITEM     | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | 8'   | ITEM     | 1'    | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   |
|---------------------|--------------|------|------|------|------|------|------|------|------|----------|-------|------|------|------|------|------|------|
| FOOT CANDLES        | 16004 MZ-LED | 4.78 | 2.88 | 1.33 | 0.59 | 0.18 | 0.11 | 0.05 |      | 16004 MZ | 14.01 | 3.91 | 1.43 | 0.67 | 0.29 | 0.10 |      |
|                     | 16007 MZ-LED | 5.08 | 2.41 | 1.45 | 0.64 | 0.35 | 0.19 | 0.11 | 0.08 | 16007 MZ | 9.62  | 3.21 | 1.38 | 0.72 | 0.46 | 0.33 | 0.20 |
|                     | 16010 MZ-LED | 4.81 | 3.01 | 1.21 | 0.67 | 0.23 | 0.14 | 0.06 |      | 16010 MZ | 14.37 | 3.83 | 1.28 | 0.43 | 0.09 |      |      |
|                     |              |      |      |      |      |      |      |      |      | 16050 MZ | 13.03 | 4.10 | 0.82 | 0.09 |      |      |      |
|                     |              |      |      |      |      |      |      |      |      | 16055 MZ | 12.97 | 6.69 | 2.82 | 1.05 | 0.56 | 0.40 | 0.24 |



16024 MZ  
16024 MZ-LED  
HARDY ISLAND™  
LARGE HEXAGON  
PATH LIGHT  
9½" W, 23½" H

16012 MZ  
16012 MZ-LED  
HARDY ISLAND™  
ROUND SIDE MOUNT  
PATH LIGHT  
7½" W, 18½" H

16016 MZ  
16016 MZ-LED  
HARDY ISLAND™  
MINI CLASSIC  
PATH LIGHT  
5¼" W, 15¼" H

16022 MZ  
16022 MZ-LED  
HARDY ISLAND™  
SMALL CLASSIC  
PATH LIGHT  
8" W, 16" H

16019 MZ  
16019 MZ-LED  
HARDY ISLAND™  
LARGE CLASSIC  
PATH LIGHT  
8" W, 24" H

| LED ITEM     | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM     | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH       | CONSTRUCTION | GLASS OR LENS |
|--------------|-----------------------|--------------------------|--------------------------|----------|-----------------|---------|--|--------------|--------------|---------------|
| 16012 MZ-LED | NX3                   | 3.8w / 5.7VA             | 25w                      | 16012 MZ | T3              | 20w     | T3 LED                                 | Matte Bronze | Cast Brass   | Etched Lens   |
| 16016 MZ-LED | IPL-30                | 2.3w / 3.9VA             | 20w                      | 16016 MZ | T3              | 20w     | T3 LED                                 | Matte Bronze | Cast Brass   | Clear Dome    |
| 16019 MZ-LED | IPL-30                | 2.3w / 3.9VA             | 20w                      | 16019 MZ | T3              | 20w     | T3 LED                                 | Matte Bronze | Cast Brass   | Clear Dome    |
| 16022 MZ-LED | IPL-30                | 2.3w / 3.9VA             | 20w                      | 16022 MZ | T3              | 20w     | T3 LED                                 | Matte Bronze | Cast Brass   | Clear Dome    |
| 16024 MZ-LED | IPL-30                | 2.3w / 3.9VA             | 20w                      | 16024 MZ | T3              | 20w     | T3 LED                                 | Matte Bronze | Cast Brass   | Clear Dome    |

See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

PHOTOMETRICS

| DISTANCE FROM LIGHT | LED ITEM     | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | 8'   | ITEM     | 1'    | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   |
|---------------------|--------------|------|------|------|------|------|------|------|------|----------|-------|------|------|------|------|------|------|
| FOOT CANDLES        | 16012 MZ-LED | 5.08 | 2.65 | 1.38 | 0.66 | 0.29 | 0.19 | 0.10 |      | 16012 MZ | 10.94 | 3.76 | 1.92 | 0.85 | 0.54 | 0.41 | 0.12 |
|                     | 16016 MZ-LED | 4.98 | 2.88 | 1.38 | 0.53 | 0.17 | 0.11 |      |      | 16016 MZ | 13.44 | 3.46 | 1.00 | 0.23 | 0.08 |      |      |
|                     | 16019 MZ-LED | 5.08 | 2.44 | 1.40 | 0.07 | 0.38 | 0.20 | 0.12 |      | 16019 MZ | 9.10  | 3.13 | 1.32 | 0.77 | 0.49 | 0.35 | 0.21 |
|                     | 16022 MZ-LED | 4.96 | 3.10 | 1.25 | 0.69 | 0.23 | 0.15 |      |      | 16022 MZ | 14.91 | 3.97 | 1.32 | 0.44 | 0.26 |      |      |
|                     | 16024 MZ-LED | 5.51 | 2.65 | 1.40 | 0.67 | 0.40 | 0.25 | 0.13 | 0.11 | 16024 MZ | 10.81 | 5.42 | 1.58 | 0.85 | 0.54 | 0.41 | 0.12 |



1555 CB  
BRATENAHL™ PATH LIGHT  
7¼" W, 25" H



1527 CB  
BRATENAHL™ PATH LIGHT  
8" W, 22" H



1540 CB  
MONTICELLO™ PATH LIGHT  
8" W, 22" H



| ITEM    | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH        | CONSTRUCTION | GLASS          |
|---------|-----------------|---------|--|---------------|--------------|----------------|
| 1527 CB | 921             | 18w     | T5 LED                                 | Copper Bronze | Solid Brass  | Etched Shield* |
| 1540 CB | 921             | 18w     | T5 LED                                 | Copper Bronze | Solid Brass  | Etched Shield* |
| 1555 CB | 921             | 18w     | T5 LED                                 | Copper Bronze | Solid Brass  | Clear Seedy    |

\*Equipped with lamp shield. See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

PHOTOMETRICS

| DISTANCE FROM LIGHT | ITEM    | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   |
|---------------------|---------|------|------|------|------|------|------|------|
| FOOT CANDLES        | 1527 CB | 4.27 | 2.59 | 1.13 | .50  | 0.24 | 0.08 | 0.03 |
|                     | 1540 CB | 5.16 | 2.90 | 1.26 | 0.58 | 0.22 | 0.13 | 0.04 |
|                     | 1555 CB | 3.15 | 2.51 | 0.97 | 0.58 | 0.32 | 0.19 | 0.06 |



1593 OB  
BOLLA™ PATH LIGHT  
8" W, 22" H



1552 SZ  
PALM™ PATH LIGHT  
6¾" W, 22" H



1403 OC  
ESSENCE™ HAMMERED  
PATH LIGHT  
6" W, 16¾" H



| ITEM    | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH        | CONSTRUCTION   | GLASS           |
|---------|-----------------|---------|--|---------------|----------------|-----------------|
| 1403 OC | 921             | 18w     | T5 LED                                 | Old Copper    | Solid Brass    | Frosted Shield* |
| 1552 SZ | 921             | 18w     | T5 LED                                 | Sienna Bronze | Copper & Brass |                 |
| 1593 OB | 921             | 18w     | T5 LED                                 | Olde Bronze   | Solid Brass    | Etched Shield*  |

\*Equipped with lamp shield. See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS**

| DISTANCE FROM LIGHT | ITEM    | 1'    | 2'   | 3'   | 4'   | 5'   | 6'   |
|---------------------|---------|-------|------|------|------|------|------|
| FOOT CANDLES        | 1403 OC | 12.34 | 4.73 | 0.28 | 0.09 | 0.03 | 0.01 |
|                     | 1552 SZ | 7.30  | 4.31 | 1.67 | 0.62 | 0.19 | 0.09 |
|                     | 1593 OB | 8.85  | 3.46 | 0.59 | 0.25 | 0.06 | 0.02 |

# "LIGHTING EVOKES MOOD AND EMOTION

UNLIKE ANY OTHER ELEMENT IN DESIGN, AND ITS ABILITY  
TO TRANSFORM OUR SPACES IS TRULY MAGICAL."

LISA MCDENNON | LISA MCDENNON DESIGN  
LAGUNA BEACH, CA





**1513 MB**  
**RALEY™ PATH LIGHT**  
 5½" W, 22" H



**1515 RB**  
**TRELIS™ PATH LIGHT**  
 7¼" W, 30" H



**1529 CB**  
**PLANTATION™ PATH LIGHT**  
 3¾" W, 22" H



**1567 RY**  
**MIRABELLA™ PATH LIGHT**  
 8" W, 22" H

| ITEM           | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH         | CONSTRUCTION     | GLASS              |
|----------------|-----------------|---------|--|----------------|------------------|--------------------|
| <b>1513 MB</b> | 921             | 18w     | T5 LED                                 | Museum Black   | Cast Aluminum    | Clear Waterglass   |
| <b>1515 RB</b> | 921             | 18w     | T5 LED                                 | Regency Bronze | Cast Aluminum    | Clear Seedy        |
| <b>1529 CB</b> | 921             | 18w     | T5 LED                                 | Copper Bronze  | Cast Brass       | Clear Optic        |
| <b>1567 RY</b> | 921             | 18w     | T5 LED                                 | Royal Bronze   | Brass & Aluminum | Light Amber Nuage* |

\*Equipped with lamp shield. See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS**

| DISTANCE FROM LIGHT | ITEM    | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | 8'   |
|---------------------|---------|------|------|------|------|------|------|------|------|
| FOOT CANDLES        | 1513 MB | 1.66 | 0.46 | 0.36 | 0.26 | 0.16 | 0.06 |      |      |
|                     | 1515 RB | 7.85 | 2.98 | 0.75 | 0.66 | 0.47 | 0.26 | 0.16 | 0.09 |
|                     | 1529 CB | 1.68 | 1.46 | 0.79 | 0.41 | 0.26 | 0.07 |      |      |
|                     | 1567 RY | 5.01 | 2.35 | 1.06 | 0.51 | 0.24 | 0.14 | 0.10 | 0.05 |



**1516 MR**  
LEDGEWOOD™ PATH LIGHT  
5" W, 22" H



**1508 CB**  
IVY™ PATH LIGHT  
8" W, 26" H



**1554 SZ**  
ASPEN™ PATH LIGHT  
9½" W, 22" H



**1568 RB**  
SQUIRREL™ PATH LIGHT  
6½" W, 22" H

| ITEM           | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH         | CONSTRUCTION  | GLASS                   |
|----------------|-----------------|---------|--|----------------|---------------|-------------------------|
| <b>1508 CB</b> | 921             | 18w     | 00T5-LED                               | Copper Bronze  | Solid Brass   | Light Amber*            |
| <b>1516 MR</b> | 921             | 18w     | 00T5-LED                               | Museum Bronze  | Cast Aluminum | Champagne Inside Etched |
| <b>1554 SZ</b> | 921             | 18w     | 00T5-LED                               | Sienna Bronze  | Solid Brass   | Honey Art               |
| <b>1568 RB</b> | 921             | 18w     | 00T5-LED                               | Regency Bronze | Solid Brass   | Champagne Marble        |

\*Equipped with lamp shield. See pages 64-65 for LED conversion lamps. A wiring kit and ground spike (0014BZ, page 59) are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS**

| DISTANCE FROM LIGHT | ITEM    | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   |
|---------------------|---------|------|------|------|------|------|------|------|
| FOOT CANDLES        | 1508 CB | 8.09 | 3.49 | 1.62 | 0.77 | 0.26 | 0.09 |      |
|                     | 1516 MR | 0.83 | 1.07 | 0.69 | 0.60 | 0.26 | 0.12 | 0.07 |
|                     | 1554 SZ | 7.88 | 1.01 | 0.37 | 0.16 | 0.10 | 0.05 |      |
|                     | 1568 RB | 4.96 | 2.33 | 1.05 | 0.51 | 0.24 | 0.15 | 0.05 |

# THE NEXUS™ COLLECTION

COMPATIBLE WITH ANY 12VAC LANDSCAPE  
TRANSFORMER

9VAC-15VAC OR VDC INPUT RANGE

VARIETY OF ASSEMBLY OPTIONS WITH  
3", 6", 12", 18" AND 24" STEMS

FLEXIBLE PERFORMANCE CAPABILITIES  
WITH LINEAR HEAD THAT ROTATES 360°

75% LESS ENERGY USE THAN INCANDESCENT

DIMMABLE WITH MAGNETIC CONTROL

2700K COLOR TEMPERATURE

LONG LIFE : 40,000 HOURS

NEXUS 15476BZ, PAGE 46. SURF 2355SS. SEE HINKLEY'S FULL LINE CATALOG.



**DESIGN NOTE** Linear heads rotate 360° for precise adjustments

**15476 BZ**  
LARGE T-CONNECTOR  
32" W, 2½" H, 1" TUBE DIA.  
SHOWN WITH 18" STEM



**15472 BZ**  
SMALL T-CONNECTOR  
19½" W, 2½" H, 1" TUBE DIA.  
SHOWN WITH 6" STEM

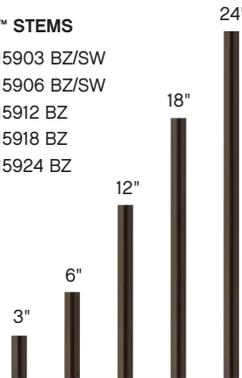


**15471 BZ**  
SMALL PATH LIGHT  
14½" W, 7" H, 1" TUBE DIA.  
INCLUDES 18" STEM



**NEXUS™ STEMS**

- (3") 15903 BZ/SW
- (6") 15906 BZ/SW
- (12") 15912 BZ
- (18") 15918 BZ
- (24") 15924 BZ



**NEXUS™ PATH LIGHTS AND T-CONNECTORS FULFILL A WIDE RANGE OF APPLICATIONS WHEN USED WITH 3", 6", 12", 18" AND 24" STEMS**

| LED ITEM        | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | FINISH | CONSTRUCTION | LENS          |
|-----------------|-----------------------|--------------------------|--------------------------|--------|--------------|---------------|
| <b>15471 BZ</b> | NX6                   | 3.8w / 5.7VA             | 25w                      | Bronze | Aluminum     | Polycarbonate |
| <b>15472 BZ</b> | (2) NX6               | 7.6w / 11.4VA            | 50w                      | Bronze | Aluminum     | Polycarbonate |
| <b>15476 BZ</b> | (2) NX12              | 14.6w / 21.6VA           | 100w                     | Bronze | Aluminum     | Polycarbonate |

A wiring kit and ground spike are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.



**15452 BZ**  
LARGE T SIGN LIGHT  
31½" W, 5" H, 1" TUBE DIA.



**15450 BZ**  
SMALL T SIGN LIGHT  
19½" W, 5" H, 1" TUBE DIA.



**15452 SW**  
LARGE T SIGN LIGHT  
31½" W, 5" H, 1" TUBE DIA.



**15450 SW**  
SMALL T SIGN LIGHT  
19½" W, 5" H, 1" TUBE DIA.



**THE SIGN LIGHT KIT**  
ELECTRONIC TRANSFORMER + JUNCTION BOX COVER  
+ LIGHT ENGINE + 3" AND 6" STEM

| LED ITEM | LED ENGINE (INCLUDED) | ELECTRONIC TRANSFORMER | INCANDESCENT EQUIVALENCY | FINISH      | CONSTRUCTION | LENS          |
|----------|-----------------------|------------------------|--------------------------|-------------|--------------|---------------|
| 15450 BZ | (2) NX6               | 9w                     | 50w                      | Bronze      | Aluminum     | Polycarbonate |
| 15450 SW | (2) NX6               | 9w                     | 50w                      | Satin White | Aluminum     | Polycarbonate |
| 15452 BZ | (2) NX12              | 14.6w                  | 100w                     | Bronze      | Aluminum     | Polycarbonate |
| 15452 SW | (2) NX12              | 14.6w                  | 100w                     | Satin White | Aluminum     | Polycarbonate |

For accessories, see pages 58-59. For Transformers, see pages 60-61.



**DESIGN  
NOTE**

Linear head rotates 360°  
for precise adjustments

**15442 BZ**  
LARGE HARDSCAPE DECK LIGHT  
15½" W, 1⅞" H  
3½" BRACKET DEPTH



**15442 SW**  
LARGE HARDSCAPE DECK LIGHT  
15½" W, 1⅞" H  
3½" BRACKET DEPTH



**15440 SW**  
SMALL HARDSCAPE DECK LIGHT  
9½" W, 1⅞" H  
3½" BRACKET DEPTH



**15440 BZ**  
SMALL HARDSCAPE DECK LIGHT  
9½" W, 1⅞" H  
3½" BRACKET DEPTH



**HARDSCAPE SPACING RECOMMENDATIONS**

| MOUNTING HEIGHT | 15440BZ/SW<br>CENTER TO CENTER | 15442BZ/SW<br>CENTER TO CENTER |
|-----------------|--------------------------------|--------------------------------|
| 1'              | 2'                             | 3'                             |
| 2'              | 3'                             | 4'                             |
| 3'              | 4'                             | 6'                             |



**NEXUS** HARDSCAPE LIGHTS ARE PROVIDED  
WITH A REMOVABLE MOUNTING PLATE

| LED ITEM        | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | FINISH      | CONSTRUCTION | LENS          |
|-----------------|-----------------------|--------------------------|--------------------------|-------------|--------------|---------------|
| <b>15440 BZ</b> | NX6                   | 3.8w / 5.7VA             | 25w                      | Bronze      | Aluminum     | Polycarbonate |
| <b>15440 SW</b> | NX6                   | 3.8w / 5.7VA             | 25w                      | Satin White | Aluminum     | Polycarbonate |
| <b>15442 BZ</b> | NX12                  | 7.3w / 10.8VA            | 50w                      | Bronze      | Aluminum     | Polycarbonate |
| <b>15442 SW</b> | NX12                  | 7.3w / 10.8VA            | 50w                      | Satin White | Aluminum     | Polycarbonate |

A wiring kit and ground spike are supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

# DECK / STEP / BRICK LIGHTING

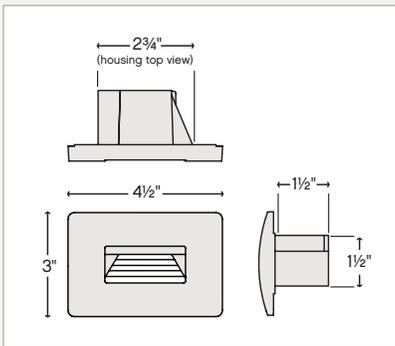


1594 BZ-LED, PAGE 56  
HARBOR 2575AR-LED, SEE HINKLEY'S FULL LINE CATALOG



NOW AVAILABLE IN 12V

# LUNA STEP LIGHT



- + FULLY DIMMABLE
- + FITS STANDARD GANG JUNCTION BOX
- + 3.8W POWER CONSUMPTION
- + DIE CAST ZINC ALUMINUM ALLOY

## 120V LUNA STEP LIGHTS

are available in five finishes in both single and double gang configurations. SEE PAGE 78.





**15508 SW**  
12V LUNA™ STEP LIGHT  
4½" W, 3" H



**15508 MZ**  
12V LUNA™ STEP LIGHT  
4½" W, 3" H



**KNOW YOUR MATERIAL**

Matte Bronze finish features a forged brass face plate



**15508 BZ**  
12V LUNA™ STEP LIGHT  
4½" W, 3" H



**15508 TT**  
12V LUNA™ STEP LIGHT  
4½" W, 3" H



| LED ITEM | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | FINISH       | CONSTRUCTION            |
|----------|-----------------------|--------------------------|--------------------------|--------------|-------------------------|
| 15508 BZ | LS-4                  | 3.8w / 6.5VA             | 20w                      | Bronze       | Zinc Aluminum Alloy     |
| 15508 MZ | LS-4                  | 3.8w / 6.5VA             | 20w                      | Matte Bronze | Forged Brass Face Plate |
| 15508 SW | LS-4                  | 3.8w / 6.5VA             | 20w                      | Satin White  | Zinc Aluminum Alloy     |
| 15508 TT | LS-4                  | 3.8w / 6.5VA             | 20w                      | Titanium     | Zinc Aluminum Alloy     |

For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS (BASED ON VARIOUS MOUNTING HEIGHTS)**

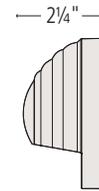
| DISTANCE FROM LIGHT |              | LED ITEM | 1'   | 2'   | 3'    | 4'   | 5'   | 6'   | 7'   | 8'   |      |
|---------------------|--------------|----------|------|------|-------|------|------|------|------|------|------|
| FOOT CANDLES        | 8" Mounting  | 15508 BZ | 3.58 | 0.71 | 0.2   |      |      |      |      |      |      |
|                     | 16" Mounting |          |      | 0.86 | 0.38  | 0.15 |      |      |      |      |      |
|                     | 30" Mounting |          |      |      | 0.27  | 0.24 | 0.13 |      |      |      |      |
|                     | 8" Mounting  | 15508 MZ | 3.58 | 0.71 | 0.20  |      |      |      |      |      |      |
|                     | 16" Mounting |          |      | 0.86 | 0.38  | 0.15 |      |      |      |      |      |
|                     | 30" Mounting |          |      |      | 0.27  | 0.24 | 0.13 |      |      |      |      |
|                     | 8" Mounting  | 15508 SW | 7    | 2.19 | 0.97  | 0.57 | 0.37 | 0.26 | 0.19 | 0.14 |      |
|                     | 16" Mounting |          |      | 0.66 | 0.158 | 0.85 | 0.5  | 0.32 | 0.23 | 0.16 | 0.12 |
|                     | 30" Mounting |          |      |      | 0.32  | 0.52 | 0.43 | 0.3  | 0.23 | 0.16 | 0.12 |
|                     | 8" Mounting  | 15508 TT | 4.5  | 1.8  | 0.45  | 0.25 | 0.15 | 0.11 |      |      |      |
|                     | 16" Mounting |          |      |      | 1.03  | 0.54 | 0.27 | 0.15 | 0.1  |      |      |
|                     | 30" Mounting |          |      |      |       | 0.32 | 0.29 | 0.19 | 0.12 |      |      |



**1549 BZ**  
**1549 BZ-LED**  
 ROUND EYEBROW  
 DECK SCONCE  
 3½" DIA., 2¼" EXT.



**1549 MW**  
**1549 MW-LED**  
 ROUND EYEBROW  
 DECK SCONCE  
 3½" DIA., 2¼" EXT.



**16801 MZ**  
**16801 MZ-LED**  
 HARDY ISLAND™ ROUND  
 EYEBROW DECK SCONCE  
 3½" DIA., 2" EXT.



**16804 MZ**  
**16804 MZ-LED**  
 HARDY ISLAND™ ROUND  
 LOUVERED LED DECK SCONCE  
 3½" DIA., 1¾" EXT.

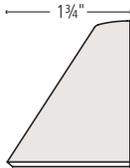


| LED ITEM                                 | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM                             | LAMP (INCLUDED) | WATTAGE | FINISH                | CONSTRUCTION     | GLASS LENS |
|--|-----------------------|--------------------------|--------------------------|----------------------------------|-----------------|---------|-----------------------|------------------|------------|
| <b>1549 BZ-LED</b><br><b>1549 MW-LED</b> | E5050LED              | 1.5w / 2.4VA             | 12w                      | <b>1549 BZ</b><br><b>1549 MW</b> | 906             | 7w      | Bronze<br>Matte White | Cast<br>Aluminum | Frosted    |
| <b>16801 MZ-LED</b>                      | E5050LED              | 1.5w / 2.4VA             | 12w                      | <b>16801 MZ</b>                  | T3              | 20w     | Matte<br>Bronze       | Cast Brass       | Frosted    |
| <b>16804 MZ-LED</b>                      | E5050LED              | 1.5w / 2.4VA             | 12w                      | <b>16804 MZ</b>                  | T3              | 20w     | Matte<br>Bronze       | Cast Brass       | Frosted    |

See pages 64-65 for LED conversion lamps. A wiring kit is supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS (BASED ON VARIOUS MOUNTING HEIGHTS)**

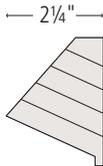
| DISTANCE FROM LIGHT |              | LED ITEM                   | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | ITEM               | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   |      |
|---------------------|--------------|----------------------------|------|------|------|------|------|------|------|--------------------|------|------|------|------|------|------|------|------|
| FOOT<br>CANDLES     | 6" Mounting  | 1549 BZ-LED<br>1549 MW-LED | 2.71 | 1.56 | 0.43 | 0.13 | 0.04 |      |      | 1549 BZ<br>1549 MW | 2.17 | 1.25 | 0.34 | 0.10 | 0.03 |      |      |      |
|                     | 18" Mounting |                            | 5.41 | 2.88 | 1.49 | 0.21 | 0.09 | 0.04 |      |                    | 4.33 | 2.30 | 1.19 | 0.17 | 0.07 | 0.03 |      |      |
|                     | 30" Mounting |                            | 3.40 | 1.40 | 0.78 | 0.38 | 0.21 | 0.10 | 0.05 |                    |      | 2.72 | 1.12 | 0.62 | 0.30 | 0.17 | 0.08 | 0.04 |
|                     | 6" Mounting  | 16801 MZ-LED               | 2.58 | 1.48 | 0.40 | 0.12 | 0.04 |      |      | 16801 MZ           | 1.07 | 0.64 | 0.23 | 0.09 | 0.03 | 0.02 | 0.01 |      |
|                     | 18" Mounting |                            | 5.14 | 2.73 | 1.41 | 0.20 | 0.08 | 0.04 |      |                    | 2.03 | 0.55 | 0.11 | 0.05 | 0.02 |      |      |      |
|                     | 30" Mounting |                            | 3.23 | 1.33 | 0.74 | 0.36 | 0.20 | 0.10 | 0.05 |                    |      | 3.56 | 0.11 | 0.04 |      |      |      |      |
|                     | 6" Mounting  | 16804 MZ-LED               | 2.97 | 1.40 | 0.47 | 0.27 | 0.10 |      |      | 16804 MZ           | 0.46 | 0.28 | 0.14 | 0.07 | 0.04 | 0.03 | 0.02 |      |
|                     | 18" Mounting |                            | 1.97 | 1.64 | 0.71 | 0.34 | 0.21 | 0.11 |      |                    | 0.92 | 0.33 | 0.12 | 0.07 | 0.04 | 0.01 |      |      |
| 30" Mounting        | 0.95         |                            | 0.92 | 0.63 | 0.39 | 0.26 | 0.16 | 0.10 |      |                    | 2.02 | 0.17 | 0.06 | 0.02 |      |      |      |      |



**16805 MZ-LED**  
**HARDY ISLAND™ TRIANGULAR**  
**DECK SCONCE**  
 3½" W, 2" H, 1¾" EXT.



**1524 BZ**  
**1524 BZ-LED**  
**SQUARE DECK SCONCE**  
 3½" W, 3½" H, 2¼" EXT.



**1524 MW**  
**1524 MW-LED**  
**SQUARE DECK SCONCE**  
 3½" W, 3½" H, 2¼" EXT.

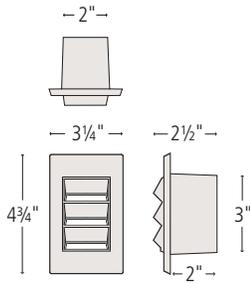


| LED ITEM                                 | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM                             | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH                | CONSTRUCTION     | GLASS LENS |
|--|-----------------------|--------------------------|--------------------------|----------------------------------|-----------------|---------|--|-----------------------|------------------|------------|
| <b>1524 BZ-LED</b><br><b>1524 MW-LED</b> | E5050LED              | 1.5w / 2.4VA             | 12w                      | <b>1524 BZ</b><br><b>1524 MW</b> | 906             | 7w      | T5 LED                                 | Bronze<br>Matte White | Cast<br>Aluminum | Frosted    |
| <b>16805MZ-LED</b>                       | E5050LED              | 1.5w / 2.4VA             | 12w                      |                                  |                 |         |  | Matte<br>Bronze       | Cast<br>Brass    | Frosted    |

See pages 64-65 for LED conversion lamps. A wiring kit is supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS (BASED ON VARIOUS MOUNTING HEIGHTS)**

| DISTANCE FROM LIGHT |              | LED ITEM                   | 1'    | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | ITEM               | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   |      |
|---------------------|--------------|----------------------------|-------|------|------|------|------|------|------|--------------------|------|------|------|------|------|------|------|------|
| FOOT CANDLES        | 6" Mounting  | 1524 BZ-LED<br>1524 MW-LED | 4.91  | 0.75 | 0.26 | 0.09 | 0.01 |      |      | 1524 BZ<br>1524 MW | 3.93 | 0.60 | 0.20 | 0.07 | 0.01 |      |      |      |
|                     | 18" Mounting |                            | 4.38  | 1.53 | 0.55 | 0.21 | 0.13 | 0.08 |      |                    |      | 3.50 | 1.22 | 0.44 | 0.17 | 0.10 | 0.06 |      |
|                     | 30" Mounting |                            | 2.64  | 1.53 | 0.75 | 0.38 | 0.21 | 0.10 | 0.05 |                    |      |      | 2.11 | 1.22 | 0.60 | 0.30 | 0.17 | 0.08 |
|                     | 6" Mounting  | 16805 MZ-LED               | 4.40  | 2.48 | 0.68 | 0.10 |      |      |      |                    |      |      |      |      |      |      |      |      |
|                     | 18" Mounting |                            | 10.84 | 5.10 | 1.64 | 0.22 | 0.13 | 0.04 |      |                    |      |      |      |      |      |      |      |      |
|                     | 30" Mounting |                            | 4.83  | 3.42 | 1.93 | 0.81 | 0.25 | 0.12 | 0.09 |                    |      |      |      |      |      |      |      |      |



**1542 BZ**  
**1542 BZ-LED**  
 VERTICAL DECK LIGHT  
 3 1/4" W, 4 3/4" H, 2 1/2" EXT.



**1542 MZ**  
**1542 MZ-LED**  
 HARDY ISLAND™  
 VERTICAL DECK LIGHT  
 3 1/4" W, 4 3/4" H, 2 1/2" EXT.



| LED ITEM           | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM           | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH       | CONSTRUCTION                             | GLASS LENS |
|--------------------|-----------------------|--------------------------|--------------------------|----------------|-----------------|---------|--|--------------|--|------------|
| <b>1542 BZ-LED</b> | E5050LED              | 1.5w / 2.4VA             | 12w                      | <b>1542 BZ</b> | 912             | 12w     | T5 LED                                 | Bronze       | Cast Aluminum                            | Frosted    |
| <b>1542 MZ-LED</b> | E5050LED              | 1.5w / 2.4VA             | 12w                      | <b>1542 MZ</b> | 912             | 12w     | T5 LED                                 | Matte Bronze | Aluminum Housing<br>Cast Brass Faceplate | Frosted    |

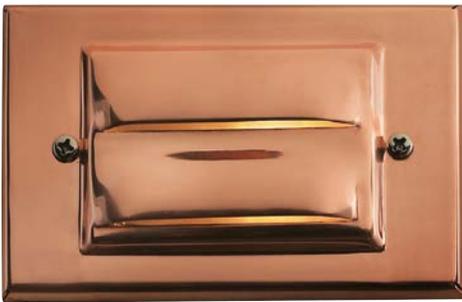
See pages 64-65 for LED conversion lamps. A wiring kit is supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS (BASED ON VARIOUS MOUNTING HEIGHTS)**

| DISTANCE FROM LIGHT |              | LED ITEM    | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | ITEM    | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   |  |
|---------------------|--------------|-------------|------|------|------|------|------|------|------|---------|------|------|------|------|------|------|------|--|
| FOOT CANDLES        | 6" Mounting  | 1542 BZ-LED | 1.77 | 0.37 | 0.12 | 0.07 | 0.04 |      |      | 1542 BZ | 1.44 | 0.30 | 0.10 | 0.03 | 0.06 |      |      |  |
|                     | 18" Mounting |             | 1.02 | 0.47 | 0.23 | 0.11 | 0.07 |      |      |         | 0.83 | 0.38 | 0.19 | 0.09 | 0.06 | 0.03 |      |  |
|                     | 30" Mounting |             | 0.43 | 0.34 | 0.22 | 0.15 | 0.09 | 0.06 | 0.04 |         | 0.35 | 0.28 | 0.18 | 0.12 | 0.07 | 0.05 | 0.03 |  |
|                     | 6" Mounting  | 1542 MZ-LED | 2.28 | 1.08 | 0.36 | 0.21 | 0.07 |      |      | 1542 MZ | 1.84 | 0.87 | 0.29 | 0.17 | 0.06 |      |      |  |
|                     | 18" Mounting |             | 1.51 | 1.26 | 0.55 | 0.26 | 0.16 | 0.09 |      |         | 1.22 | 1.02 | 0.44 | 0.21 | 0.13 | 0.07 |      |  |
|                     | 30" Mounting |             | 0.73 | 0.71 | 0.48 | 0.30 | 0.20 | 0.12 | 0.07 |         | 0.59 | 0.57 | 0.39 | 0.24 | 0.16 | 0.10 | 0.06 |  |



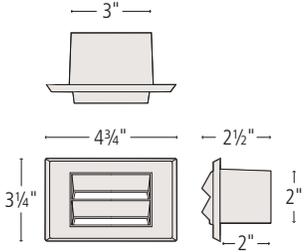
**1546 BZ**  
**1546 BZ-LED**  
 HORIZONTAL DECK LIGHT  
 4¾" W, 3¼" H, 2½" EXT.



**1546 CO-LED**  
**1546 CO-LED**  
 COPPER HORIZONTAL  
 LED DECK LIGHT  
 4¾" W, 3¼" H, 2½" EXT.



**1546 MZ**  
**1546 MZ-LED**  
 HARDY ISLAND™  
 HORIZONTAL DECK LIGHT  
 4¾" W, 3¼" H, 2½" EXT.



| LED ITEM           | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM           | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH       | CONSTRUCTION                               | GLASS LENS |
|--------------------|-----------------------|--------------------------|--------------------------|----------------|-----------------|---------|--|--------------|--|------------|
| <b>1546 BZ-LED</b> | E5050LED              | 1.5w / 2.4VA             | 12w                      | <b>1546 BZ</b> | 912             | 12w     | T5 LED                                 | Bronze       | Cast Aluminum                              | Frosted    |
| <b>1546 MZ-LED</b> | E5050LED              | 1.5w / 2.4VA             | 12w                      | <b>1546 MZ</b> | 912             | 12w     | T5 LED                                 | Matte Bronze | Aluminum Housing<br>Cast Brass Faceplate   | Frosted    |
| <b>1546 CO-LED</b> | E5050LED              | 1.5w / 2.4VA             | 12w                      |                |                 |         |  | Copper       | Aluminum Housing<br>Solid Copper Faceplate | Frosted    |

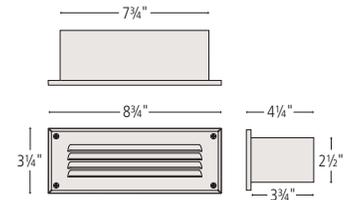
See pages 64-65 for LED conversion lamps. A wiring kit is supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS (BASED ON VARIOUS MOUNTING HEIGHTS)**

| DISTANCE FROM LIGHT |              | LED ITEM                   | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | ITEM               | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   |  |
|---------------------|--------------|----------------------------|------|------|------|------|------|------|------|--------------------|------|------|------|------|------|------|------|--|
| FOOT CANDLES        | 6" Mounting  | 1546 BZ-LED                | 0.30 | 0.20 | 0.10 | 0.04 |      |      |      | 1546 BZ            | 0.04 | 0.06 | 0.08 | 0.03 |      |      |      |  |
|                     | 18" Mounting |                            | 0.77 | 0.69 | 0.26 | 0.10 | 0.02 |      |      |                    | 0.63 | 0.56 | 0.21 | 0.08 | 0.02 |      |      |  |
|                     | 30" Mounting |                            | 0.48 | 0.39 | 0.27 | 0.15 | 0.09 | 0.04 | 0.01 |                    | 0.09 | 0.32 | 0.22 | 0.12 | 0.07 | 0.03 | 0.01 |  |
|                     | 6" Mounting  | 1546 MZ-LED<br>1546 CO-LED | 1.38 | 0.13 | 0.05 |      |      |      |      | 1546 MZ<br>1546 CO | 1.15 | 0.11 | 0.04 |      |      |      |      |  |
|                     | 18" Mounting |                            | 0.50 | 0.28 | 0.10 | 0.04 | 0.01 |      |      |                    | 0.42 | 0.23 | 0.08 | 0.03 | 0.01 |      |      |  |
|                     | 30" Mounting |                            | 0.22 | 0.18 | 0.11 | 0.06 | 0.02 | 0.01 |      |                    | 0.14 | 0.15 | 0.09 | 0.05 | 0.02 | 0.01 |      |  |



**1594 BZ**  
**1594 BZ-LED**  
 LOUVERED BRICK LIGHT  
 8¾" W, 3¼" H, ¼" EXT.



**1594 MZ**  
**1594 MZ-LED**  
 HARDY ISLAND™  
 LOUVERED BRICK LIGHT  
 8¾" W, 3¼" H, ¼" EXT.



| LED ITEM           | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | ITEM           | LAMP (INCLUDED) | WATTAGE | BULB FOR LED CONVERSION (NOT INCLUDED) | FINISH       | CONSTRUCTION  | GLASS LENS |
|--------------------|-----------------------|--------------------------|--------------------------|----------------|-----------------|---------|--|--------------|---|------------|
| <b>1594 BZ-LED</b> | NX3                   | 3.8w / 5.7VA             | 25w                      | <b>1594 BZ</b> | 912             | 12w     | T5 LED                                 | Bronze       | Galvanized Steel Housing<br>Cast Aluminum Faceplate | Clear      |
| <b>1594 MZ-LED</b> | NX3                   | 3.8w / 5.7VA             | 25w                      | <b>1594 MZ</b> | 912             | 12w     | T5 LED                                 | Matte Bronze | Galvanized Steel Housing<br>Solid Brass Faceplate   | Clear      |

See pages 64-65 for LED conversion lamps. A wiring kit is supplied. For accessories, see pages 58-59. For Transformers, see pages 60-61.

**PHOTOMETRICS (BASED ON VARIOUS MOUNTING HEIGHTS)**

| DISTANCE FROM LIGHT |              | LED ITEM    | 1'   | 2'    | 3'   | 4'   | 5'   | 6'   | 7'   | 8'   | ITEM    | 1'      | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   |  |
|---------------------|--------------|-------------|------|-------|------|------|------|------|------|------|---------|---------|------|------|------|------|------|------|--|
| FOOT CANDLES        | 6" Mounting  | 1594 BZ-LED | 37.1 | 11.83 | 3.06 | 1.55 | 1.07 | 0.85 | 0.71 | 0.6  | 1594 BZ | 0.90    | 0.50 | 0.23 | 0.03 |      |      |      |  |
|                     | 18" Mounting |             | 0.58 | 1.19  | 4.1  | 2.03 | 1.66 | 1.46 | 0.87 | 0.49 |         | 0.99    | 0.73 | 0.55 | 0.37 | 0.17 | 0.08 |      |  |
|                     | 30" Mounting |             | 0.11 | 0.27  | 0.45 | 0.97 | 1.55 | 0.84 | 0.74 | 0.74 |         | 0.52    | 0.43 | 0.36 | 0.28 | 0.20 | 0.16 | 0.10 |  |
|                     | 6" Mounting  | 1594 MZ-LED | 3.07 | 0.74  |      |      |      |      |      |      |         | 1594 MZ | 2.19 | 0.53 |      |      |      |      |  |
|                     | 18" Mounting |             | 1.40 | 0.32  | 0.25 | 0.20 |      |      |      |      | 1.00    |         | 0.21 | 0.18 | 0.14 |      |      |      |  |
|                     | 30" Mounting |             | 0.97 | 0.45  | 0.42 | 0.22 | 0.07 |      |      |      | 0.69    |         | 0.32 | 0.31 | 0.05 | 0.14 |      |      |  |

# ACCESSORIES

12 VOLT



SHELTER 1547KZ, PAGE 34

ACCESSORIES

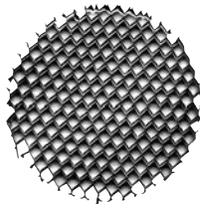


| ITEM                 | NAME                      | FINISH               | CONSTRUCTION    |
|----------------------|---------------------------|----------------------|-----------------|
| 0005 BK, 0005 SC     | Coupler                   | Black, Southern Clay | Aluminum        |
| 0006-T BK, 0006-T SC | 6" Path Light Stem        | Black, Southern Clay | Aluminum        |
| 0012-T BK, 0012-T SC | 12" Path Light Stem       | Black, Southern Clay | Aluminum        |
| 0015 BZ              | Surface Mount             | Bronze               | Cast Aluminum   |
| 0018-T BK, 0018-T SC | 18" Path Light Stem       | Black, Southern Clay | Aluminum        |
| 0021 BZ              | Tree Mount                | Bronze               | Cast Aluminum   |
| 0022 BZ              | Junction Box Cover        | Bronze               | Aluminum        |
| 0024-T BK, 0024-T SC | 24" Path Light Stem       | Black, Southern Clay | Aluminum        |
| 0030 BZ              | Junction Box Cover        | Bronze               | Aluminum        |
| 0100 FT              | 100' Wire                 | Black                | Stranded 2-Wire |
| 0250 FT              | 250' Wire                 | Black                | Stranded 2-Wire |
| 0251 FT              | 250' Wire                 | Black                | Stranded 2-Wire |
| 0500 FT              | 500' Wire                 | Black                | Stranded 2-Wire |
| 0516 FT              | 500' Wire                 | Black                | Stranded 2-Wire |
| 1507 QC              | Quick Connect             | Black                | Composite       |
| 16807 MZ             | Cast Brass Surface Mount  | Matte Bronze         | Cast Brass      |
| 16902 MZ             | 24" Double Mount T-Stem   | Matte Bronze         | Cast Brass      |
| 16910 MZ             | 10" Stem Mount            | Matte Bronze         | Cast Brass      |
| 16918 MZ             | 18" Stem Mount            | Matte Bronze         | Cast Brass      |
| 16990 MZ             | 24" 90° Mount Stem        | Matte Bronze         | Cast Brass      |
| 50200 WN             | Wire Connectors (20 pack) |                      | Silicone        |

PERFORMANCE LENSES



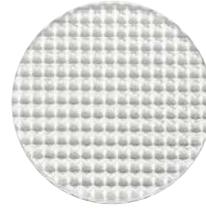
**0016 CB**  
CORRECTIVE BLUE LENS  
2" DIA., 1/8" D  
Enhances color;  
creates moonlight effect



**0016 HL**  
HEX LOUVER LENS  
2" DIA., 1/8" D  
**0037 HL**  
3" DIA., 1/8" D  
Reduces overall glare



**0016 LF**  
LINEAR FILTER LENS  
2" DIA., 1/8" D  
Creates directional beam  
(vertical/horizontal)



**0016 PF**  
PRISMATIC FILTER LENS  
2" DIA., 1/8" D  
Diffuses lamp  
beam spread

**0016 LENSES**

are used with the following spotlights: 1536 series, 1538 BZ, 1583 NC

**0037 HEX LOUVER LENS**

is used with 54000 BZ

Lenses come in packages of 6.



**16814 BZ**  
HEAVY DUTY  
GROUND SPIKE  
2 3/4" DIA., 16" H



**16814 MZ**  
HEAVY DUTY  
GROUND SPIKE  
2 3/4" DIA., 16" H



**0019 BZ**  
GROUND SPIKE  
2" W, 15" H



**0013-JBBZ**  
GROUND SPIKE  
2" W, 9" H



**0017-JBBZ**  
GROUND SPIKE  
4 1/2" W, 11" H



**0014 BZ**  
GROUND SPIKE  
2 3/4" W, 9" H

| ITEM      | NAME                           | FINISH       | CONSTRUCTION       |
|-----------|--------------------------------|--------------|--------------------|
| 0013-JBBZ | Ground Spike with Junction Box | Bronze       | Cast Aluminum      |
| 0014 BZ   | Ground Spike                   | Bronze       | Composite          |
| 0016 CB   | Corrective Blue Lens (6 pack)  |              | Glass              |
| 0016 HL   | Hex Louver Lens (6 pack)       |              | Aluminum           |
| 0016 LF   | Linear Filter Lens (6 pack)    |              | Glass              |
| 0016 PF   | Prismatic Filter Lens (6 pack) |              | Glass              |
| 0017-JBBZ | Ground Spike with Junction Box | Bronze       | Composite          |
| 0019 BZ   | Ground Spike                   | Bronze       | Composite          |
| 0037 HL   | Hex Louver Lens (6 pack)       |              | Aluminum           |
| 16814 BZ  | Heavy Duty Ground Spike        | Bronze       | Aluminum/Composite |
| 16814 MZ  | Heavy Duty Ground Spike        | Matte Bronze | Brass/Composite    |

STANDARD TRANSFORMER



0150 BK  
150W STANDARD TRANSFORMER

For additional information on how to select the proper transformer, view the **DESIGN + INSTALLATION GUIDES** on pages 68-72.

PRO-SERIES TRANSFORMERS



0075W SS  
75W PRO-SERIES™  
TRANSFORMER



0150 SS  
150W PRO-SERIES™  
TRANSFORMER



0300 SS  
300W PRO-SERIES™  
TRANSFORMER



0600 SS  
600W PRO-SERIES™  
TRANSFORMER



0900 SS  
900W PRO-SERIES™  
TRANSFORMER

TRANSFORMER ACCESSORIES



1505 TC  
STANDARD  
TIME CLOCK



1580 DT  
DIGITAL ASTRONOMICAL  
TIME CLOCK



1503 PH  
DIRECT MOUNT  
PHOTOCELL



1510 PH  
PHOTOCELL WITH  
10' LEAD WIRE

| ITEM     | NAME                            | CONSTRUCTION    | FINISH | WIDTH | HEIGHT | DEPTH | WATTAGE (VA) | TAP          |
|----------|---------------------------------|-----------------|--------|-------|--------|-------|--------------|--------------|
| 0075W SS | 75w Standard Transformer        | Stainless Steel |        | 6½"   | 13¼"   | 5½"   | 75w          | 12v+15v only |
| 0150 BK  | 150w Standard Transformer       | Composite Resin | Black  | 4¼"   | 6¼"    | 3¾"   | 150w         | 12v          |
| 0150 SS  | 150w Standard Transformer       | Stainless Steel |        | 6½"   | 13¼"   | 5½"   | 150w         | 12v+15v only |
| 0300 SS  | 300w Pro-Series Transformer     | Stainless Steel |        | 6½"   | 18"    | 6"    | 300w         | 12v-15v      |
| 0600 SS  | 600w Pro-Series Transformer     | Stainless Steel |        | 6½"   | 18"    | 6"    | 600w         | 12v-15v      |
| 0900 SS  | 900w Pro-Series Transformer     | Stainless Steel |        | 8½"   | 18"    | 7"    | 900w         | 12v-15v      |
| 1503 PH  | Direct Mount Photocell          |                 | Black  |       |        |       |              |              |
| 1505 TC  | Standard Time Clock             |                 | White  | 2¾"   | 3⅞"    | 2¼"   |              |              |
| 1510 PH  | Photocell with 10' Lead Wire    |                 | Black  |       |        |       |              |              |
| 1580 DT  | Digital Astronomical Time Clock |                 | White  | 3⅞"   | 3¼"    | 2⅞"   |              |              |

| TRANSFORMER<br>FEATURE<br>GUIDE | STANDARD<br>TRANSFORMER   | PRO-SERIES TRANSFORMERS   |   |   |   |   |
|---------------------------------|---|---|---|---|---|---|
|                                 |  |  |  |  |  |  |
| STYLE                           | COMPOSITE RESIN   | STAINLESS STEEL   | STAINLESS STEEL   | STAINLESS STEEL   | STAINLESS STEEL   | STAINLESS STEEL   |
| MODEL                           | <b>0150 BK</b>  | <b>0075W SS</b>   | <b>0150 SS</b>  | <b>0300 SS</b>  | <b>0600 SS</b>  | <b>0900 SS</b>  |
| WATTAGE                         | 150   | 75  | 150   | 300   | 600   | 900   |
| BLACK COMPOSITE RESIN           | ✓   |   |   |   |   |   |
| STAINLESS STEEL                 |   | ✓   | ✓   | ✓   | ✓   | ✓   |
| 12V-15V MULTI-TAP               | 12v only  | 12v + 15v only  | 12v + 15v only  | ✓   | ✓   | ✓   |
| AUTOMATIC TIMER (4H, 6H, 8H)    | ✓   |   |   |   |   |   |
| MODULAR TIMER AVAILABLE         |   | ✓   | ✓   | ✓   | ✓   | ✓   |
| PHOTOCELL                       | ✓   |   |   |   |   |   |
| MODULAR PHOTOCELL AVAILABLE     |   | ✓   | ✓   | ✓   | ✓   | ✓   |
| AUTO ON/OFF SWITCH              | ✓   |   |   |   |   |   |
| 3' LINE CORD                    | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| BOTTOM PLATE                    |   | ✓   | ✓   | ✓   | ✓   | ✓   |
| THERMAL CUT-OFF PRIMARY SIDE    | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| THERMAL RESET SECONDARY         | ✓   |   |   |   |   |   |
| MAGNETIC RESET SECONDARY        |   | ✓   | ✓   | ✓   | ✓   | ✓   |
| STANDARD TERMINAL BLOCK         | ✓   |   |   |   |   |   |
| HIGH CAPACITY TERMINAL BLOCK    |   | ✓   | ✓   | ✓   | ✓   | ✓   |
| 10-YEAR WARRANTY                | ✓   |   |   |   |   |   |
| LIFETIME WARRANTY               |   | ✓   | ✓   | ✓   | ✓   | ✓   |

# 1536 PHOTOMETRICS



1536BZ

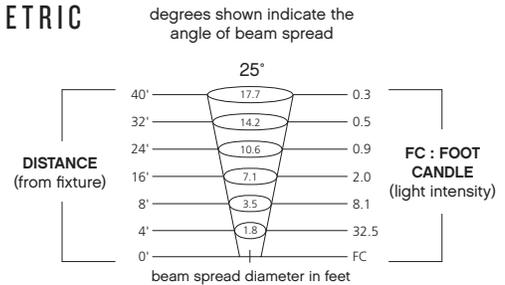
1536MZ

BI-PIN SOCKET + CHANGEABLE LED ENGINE AND LENS

The **1536 SERIES** is a cutting edge modular LED light engine system designed to meet any spot light need.

SEE PAGE 16.

## PHOTOMETRIC GUIDE

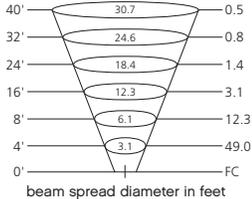
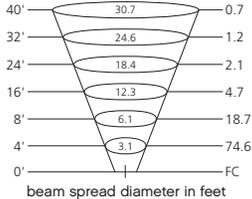
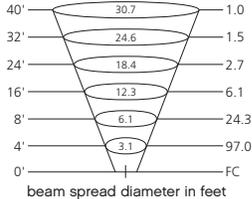


## FIELD CHANGEABLE LENS OPTIONS

| 25° SPOT LIGHT<br>2700K         | 3W   1536XX-3W27SP   |                      | 5W   1536XX-5W27SP   |                             | 7.5W   1536XX-8W27SP   |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
|---------------------------------|--|----------------------|--|-----------------------------|--|--------------|------|-----|-----|------|-----|-----|------|-----|-----|-----|-----|----|-----|------|----|-----|------|----|----|----|---|--|-------------------------|-----------------------------|----------------------|-----|------|-----|-----|------|-----|-----|------|-----|-----|-----|-----|----|-----|------|----|-----|-------|----|----|----|--|--|-------------------------|-----------------------------|----------------------|-----|------|-----|-----|------|-----|-----|------|-----|-----|-----|------|----|-----|------|----|-----|-------|----|----|----|
|                                 | LUMENS   | CANDLE POWER         | LUMENS   | CANDLE POWER                | LUMENS   | CANDLE POWER |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
|                                 | 224  | 1447                 | 333  | 2157                        | 438  | 2830         |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
|                                 | <table border="1"> <thead> <tr> <th>DISTANCE (from fixture)</th> <th>Beam Spread Diameter (feet)</th> <th>FC (light intensity)</th> </tr> </thead> <tbody> <tr> <td>40'</td> <td>17.7</td> <td>0.9</td> </tr> <tr> <td>32'</td> <td>14.2</td> <td>1.4</td> </tr> <tr> <td>24'</td> <td>10.6</td> <td>2.5</td> </tr> <tr> <td>16'</td> <td>7.1</td> <td>5.7</td> </tr> <tr> <td>8'</td> <td>3.5</td> <td>22.6</td> </tr> <tr> <td>4'</td> <td>1.8</td> <td>90.4</td> </tr> <tr> <td>0'</td> <td>FC</td> <td>FC</td> </tr> </tbody> </table> |                      | DISTANCE (from fixture)  | Beam Spread Diameter (feet) | FC (light intensity)   | 40'          | 17.7 | 0.9 | 32' | 14.2 | 1.4 | 24' | 10.6 | 2.5 | 16' | 7.1 | 5.7 | 8' | 3.5 | 22.6 | 4' | 1.8 | 90.4 | 0' | FC | FC | <table border="1"> <thead> <tr> <th>DISTANCE (from fixture)</th> <th>Beam Spread Diameter (feet)</th> <th>FC (light intensity)</th> </tr> </thead> <tbody> <tr> <td>40'</td> <td>17.7</td> <td>1.3</td> </tr> <tr> <td>32'</td> <td>14.2</td> <td>2.1</td> </tr> <tr> <td>24'</td> <td>10.6</td> <td>3.7</td> </tr> <tr> <td>16'</td> <td>7.1</td> <td>8.4</td> </tr> <tr> <td>8'</td> <td>3.5</td> <td>33.7</td> </tr> <tr> <td>4'</td> <td>1.8</td> <td>134.8</td> </tr> <tr> <td>0'</td> <td>FC</td> <td>FC</td> </tr> </tbody> </table> |  | DISTANCE (from fixture) | Beam Spread Diameter (feet) | FC (light intensity) | 40' | 17.7 | 1.3 | 32' | 14.2 | 2.1 | 24' | 10.6 | 3.7 | 16' | 7.1 | 8.4 | 8' | 3.5 | 33.7 | 4' | 1.8 | 134.8 | 0' | FC | FC | <table border="1"> <thead> <tr> <th>DISTANCE (from fixture)</th> <th>Beam Spread Diameter (feet)</th> <th>FC (light intensity)</th> </tr> </thead> <tbody> <tr> <td>40'</td> <td>17.7</td> <td>1.8</td> </tr> <tr> <td>32'</td> <td>14.2</td> <td>2.8</td> </tr> <tr> <td>24'</td> <td>10.6</td> <td>4.9</td> </tr> <tr> <td>16'</td> <td>7.1</td> <td>11.1</td> </tr> <tr> <td>8'</td> <td>3.5</td> <td>44.2</td> </tr> <tr> <td>4'</td> <td>1.8</td> <td>176.9</td> </tr> <tr> <td>0'</td> <td>FC</td> <td>FC</td> </tr> </tbody> </table> |  | DISTANCE (from fixture) | Beam Spread Diameter (feet) | FC (light intensity) | 40' | 17.7 | 1.8 | 32' | 14.2 | 2.8 | 24' | 10.6 | 4.9 | 16' | 7.1 | 11.1 | 8' | 3.5 | 44.2 | 4' | 1.8 | 176.9 | 0' | FC | FC |
| DISTANCE (from fixture)         | Beam Spread Diameter (feet)  | FC (light intensity) |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 40'                             | 17.7   | 0.9                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 32'                             | 14.2   | 1.4                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 24'                             | 10.6   | 2.5                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 16'                             | 7.1  | 5.7                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 8'                              | 3.5  | 22.6                 |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 4'                              | 1.8  | 90.4                 |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 0'                              | FC   | FC                   |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| DISTANCE (from fixture)         | Beam Spread Diameter (feet)  | FC (light intensity) |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 40'                             | 17.7   | 1.3                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 32'                             | 14.2   | 2.1                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 24'                             | 10.6   | 3.7                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 16'                             | 7.1  | 8.4                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 8'                              | 3.5  | 33.7                 |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 4'                              | 1.8  | 134.8                |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 0'                              | FC   | FC                   |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| DISTANCE (from fixture)         | Beam Spread Diameter (feet)  | FC (light intensity) |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 40'                             | 17.7   | 1.8                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 32'                             | 14.2   | 2.8                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 24'                             | 10.6   | 4.9                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 16'                             | 7.1  | 11.1                 |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 8'                              | 3.5  | 44.2                 |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 4'                              | 1.8  | 176.9                |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 0'                              | FC   | FC                   |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
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| DISTANCE (from fixture)         | Beam Spread Diameter (feet)  | FC (light intensity) |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 40'                             | 17.7   | 1.0                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 32'                             | 14.2   | 1.5                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 24'                             | 10.6   | 2.7                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 16'                             | 7.1  | 6.0                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 8'                              | 3.5  | 24.2                 |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 4'                              | 1.8  | 96.6                 |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 0'                              | FC   | FC                   |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| DISTANCE (from fixture)         | Beam Spread Diameter (feet)  | FC (light intensity) |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 40'                             | 17.7   | 1.4                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 32'                             | 14.2   | 2.3                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 24'                             | 10.6   | 4.0                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 16'                             | 7.1  | 9.0                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 8'                              | 3.5  | 36.0                 |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 4'                              | 1.8  | 144.0                |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 0'                              | FC   | FC                   |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| DISTANCE (from fixture)         | Beam Spread Diameter (feet)  | FC (light intensity) |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 40'                             | 17.7   | 1.9                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 32'                             | 14.2   | 3.0                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 24'                             | 10.6   | 5.2                  |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 16'                             | 7.1  | 11.8                 |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 8'                              | 3.5  | 47.2                 |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 4'                              | 1.8  | 188.9                |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| 0'                              | FC   | FC                   |  |                             |  |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |
| <b>25° SPOT LIGHT<br/>3000K</b> | <b>3W   1536XX-3WLEDSP</b><br>LUMENS: 239   CANDLE POWER: 1546   |                      | <b>5W   1536XX-5WLEDSP</b><br>LUMENS: 356   CANDLE POWER: 2304 |                             | <b>7.5W   1536XX-8WLEDSP</b><br>LUMENS: 468   CANDLE POWER: 3023 |              |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |      |    |    |    |   |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |     |    |     |      |    |     |       |    |    |    |  |  |                         |                             |                      |     |      |     |     |      |     |     |      |     |     |     |      |    |     |      |    |     |       |    |    |    |

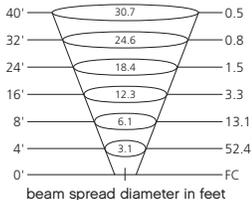
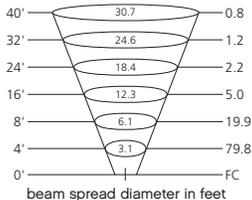
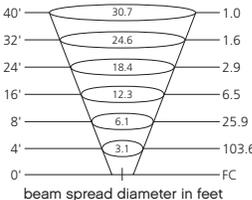
| 40° MEDIUM LIGHT<br>2700K | 3W   1536XX-3W27MD |              | 5W   1536XX-5W27MD |              | 7.5W   1536XX-8W27MD |              |
|---------------------------|--------------------|--------------|--------------------|--------------|----------------------|--------------|
|                           | LUMENS             | CANDLE POWER | LUMENS             | CANDLE POWER | LUMENS               | CANDLE POWER |
|                           | 233                | 784          | 354                | 1194         | 461                  | 1552         |

|   |  |   |  |
|---|--|---|--|
|  | <p>40°</p>  <p>40' 30.7 0.5<br/>32' 24.6 0.8<br/>24' 18.4 1.4<br/>16' 12.3 3.1<br/>8' 6.1 12.3<br/>4' 3.1 49.0<br/>0' FC<br/>beam spread diameter in feet</p> | <p>40°</p>  <p>40' 30.7 0.7<br/>32' 24.6 1.2<br/>24' 18.4 2.1<br/>16' 12.3 4.7<br/>8' 6.1 18.7<br/>4' 3.1 74.6<br/>0' FC<br/>beam spread diameter in feet</p> | <p>40°</p>  <p>40' 30.7 1.0<br/>32' 24.6 1.5<br/>24' 18.4 2.7<br/>16' 12.3 6.1<br/>8' 6.1 24.3<br/>4' 3.1 97.0<br/>0' FC<br/>beam spread diameter in feet</p> |
|---|--|---|--|

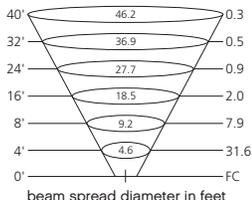
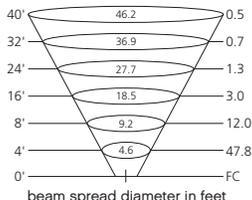
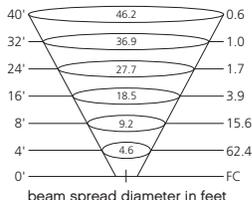
| 40° MEDIUM LIGHT<br>3000K | 3W   1536XX-3WLEDMD |              | 5W   1536XX-5WLEDMD |              | 7.5W   1536XX-8WLEDMD |              |
|---------------------------|---------------------|--------------|---------------------|--------------|-----------------------|--------------|
|                           | LUMENS              | CANDLE POWER | LUMENS              | CANDLE POWER | LUMENS                | CANDLE POWER |
|                           | 249                 | 838          | 378                 | 1276         | 493                   | 1658         |

|   |  |   |   |
|---|--|---|---|
|  | <p>40°</p>  <p>40' 30.7 0.5<br/>32' 24.6 0.8<br/>24' 18.4 1.5<br/>16' 12.3 3.3<br/>8' 6.1 13.1<br/>4' 3.1 52.4<br/>0' FC<br/>beam spread diameter in feet</p> | <p>40°</p>  <p>40' 30.7 0.8<br/>32' 24.6 1.2<br/>24' 18.4 2.2<br/>16' 12.3 5.0<br/>8' 6.1 19.9<br/>4' 3.1 79.8<br/>0' FC<br/>beam spread diameter in feet</p> | <p>40°</p>  <p>40' 30.7 1.0<br/>32' 24.6 1.6<br/>24' 18.4 2.9<br/>16' 12.3 6.5<br/>8' 6.1 25.9<br/>4' 3.1 103.6<br/>0' FC<br/>beam spread diameter in feet</p> |
|---|--|---|---|

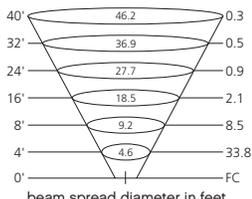
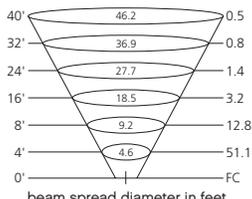
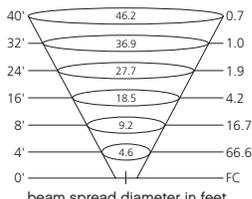
| 60° FLOOD LIGHT<br>2700K | 3W   1536XX-3W27F |              | 5W   1536XX-5W27F |              | 7.5W   1536XX-8W27F |              |
|--------------------------|-------------------|--------------|-------------------|--------------|---------------------|--------------|
|                          | LUMENS            | CANDLE POWER | LUMENS            | CANDLE POWER | LUMENS              | CANDLE POWER |
|                          | 237               | 506          | 360               | 765          | 470                 | 998          |

|   |   |   |  |
|---|---|---|--|
|  | <p>60°</p>  <p>40' 46.2 0.3<br/>32' 36.9 0.5<br/>24' 27.7 0.9<br/>16' 18.5 2.0<br/>8' 9.2 7.9<br/>4' 4.6 31.6<br/>0' FC<br/>beam spread diameter in feet</p> | <p>60°</p>  <p>40' 46.2 0.5<br/>32' 36.9 0.7<br/>24' 27.7 1.3<br/>16' 18.5 3.0<br/>8' 9.2 12.0<br/>4' 4.6 47.8<br/>0' FC<br/>beam spread diameter in feet</p> | <p>60°</p>  <p>40' 46.2 0.6<br/>32' 36.9 1.0<br/>24' 27.7 1.7<br/>16' 18.5 3.9<br/>8' 9.2 15.6<br/>4' 4.6 62.4<br/>0' FC<br/>beam spread diameter in feet</p> |
|---|---|---|--|

| 60° FLOOD LIGHT<br>3000K | 3W   1536XX-3WLEDFL |              | 5W   1536XX-5WLEDFL |              | 7.5W   1536XX-8WLEDFL |              |
|--------------------------|---------------------|--------------|---------------------|--------------|-----------------------|--------------|
|                          | LUMENS              | CANDLE POWER | LUMENS              | CANDLE POWER | LUMENS                | CANDLE POWER |
|                          | 255                 | 541          | 385                 | 817          | 502                   | 1066         |

|   |   |   |  |
|---|---|---|--|
|  | <p>60°</p>  <p>40' 46.2 0.3<br/>32' 36.9 0.5<br/>24' 27.7 0.9<br/>16' 18.5 2.1<br/>8' 9.2 8.5<br/>4' 4.6 33.8<br/>0' FC<br/>beam spread diameter in feet</p> | <p>60°</p>  <p>40' 46.2 0.5<br/>32' 36.9 0.8<br/>24' 27.7 1.4<br/>16' 18.5 3.2<br/>8' 9.2 12.8<br/>4' 4.6 51.1<br/>0' FC<br/>beam spread diameter in feet</p> | <p>60°</p>  <p>40' 46.2 0.7<br/>32' 36.9 1.0<br/>24' 27.7 1.9<br/>16' 18.5 4.2<br/>8' 9.2 16.7<br/>4' 4.6 66.6<br/>0' FC<br/>beam spread diameter in feet</p> |
|---|---|---|--|

# LED BULBS

| 2W27K25   |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 2w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 25°         |                                     |
|   | COLOR TEMP.  | 2700K       |                                     |
|   | LUMENS       | 160         |                                     |
|   | CANDLE POWER | 520         |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

| 2W27K40   |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 2w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 40°         |                                     |
|   | COLOR TEMP.  | 2700K       |                                     |
|   | LUMENS       | 160         |                                     |
|   | CANDLE POWER | 394         |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

| 2W27K60   |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 2w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 60°         |                                     |
|   | COLOR TEMP.  | 2700K       |                                     |
|   | LUMENS       | 160         |                                     |
|   | CANDLE POWER | 198         |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

| 5W27K25   |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 5w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 25°         |                                     |
|   | COLOR TEMP.  | 2700K       |                                     |
|   | LUMENS       | 300         |                                     |
|   | CANDLE POWER | 1084        |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

| 5W27K40   |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 5w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 40°         |                                     |
|   | COLOR TEMP.  | 2700K       |                                     |
|   | LUMENS       | 300         |                                     |
|   | CANDLE POWER | 820         |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

| 5W27K60   |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 5w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 60°         |                                     |
|   | COLOR TEMP.  | 2700K       |                                     |
|   | LUMENS       | 300         |                                     |
|   | CANDLE POWER | 410         |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

| 8W27K25   |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 8w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 25°         |                                     |
|   | COLOR TEMP.  | 2700K       |                                     |
|   | LUMENS       | 500         |                                     |
|   | CANDLE POWER | 1810        |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

| 8W27K40   |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 8w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 40°         |                                     |
|   | COLOR TEMP.  | 2700K       |                                     |
|   | LUMENS       | 500         |                                     |
|   | CANDLE POWER | 1060        |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

| T3 LED REPLACEMENT  | 00T3-27LED  | 00T3-LED     |              |
|---|-------------|--------------|--------------|
|  | WATTAGE     | 1.5w / 1.8VA | 1.5w / 1.8VA |
|   | BEAM SPREAD | 360°         | 360°         |
|   | COLOR TEMP. | 2700K        | 3000K        |
|   | LUMENS      | 140          | 140          |
|   | BASE        | Bi-Pin       | Bi-Pin       |
|   | LIFESPAN    | 35,000 Hrs.  | 35,000 Hrs.  |

| T5 LED REPLACEMENT  | 00T5-27LED  | 00T5-LED     |              |
|---|-------------|--------------|--------------|
|  | WATTAGE     | 1.7w / 2.0VA | 1.7w / 2.0VA |
|   | BEAM SPREAD | 360°         | 360°         |
|   | COLOR TEMP. | 2700K        | 3000K        |
|   | LUMENS      | 180          | 180          |
|   | BASE        | Wedge        | Wedge        |
|   | LIFESPAN    | 35,000 Hrs.  | 35,000 Hrs.  |

| 2W3K25  |              | MR16 LED 25° | PHOTOMETRICS                        |
|---|--------------|--------------|-------------------------------------|
|  | WATTAGE      | 2w           | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 25°          |                                     |
|   | COLOR TEMP.  | 3000K        |                                     |
|   | LUMENS       | 160          |                                     |
|   | CANDLE POWER | 527          |                                     |
|   | BASE         | Bi-Pin       |                                     |
|   | LIFESPAN     | 50,000 Hrs.  |                                     |

| 2W3K40  |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 2w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 40°         |                                     |
|   | COLOR TEMP.  | 3000K       |                                     |
|   | LUMENS       | 160         |                                     |
|   | CANDLE POWER | 392         |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

| 2W3K60  |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 2w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 60°         |                                     |
|   | COLOR TEMP.  | 3000K       |                                     |
|   | LUMENS       | 160         |                                     |
|   | CANDLE POWER | 204         |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

| 5W3K25  |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 5w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 25°         |                                     |
|   | COLOR TEMP.  | 3000K       |                                     |
|   | LUMENS       | 320         |                                     |
|   | CANDLE POWER | 1098        |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

| 5W3K40  |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 5w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 40°         |                                     |
|   | COLOR TEMP.  | 3000K       |                                     |
|   | LUMENS       | 320         |                                     |
|   | CANDLE POWER | 818         |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

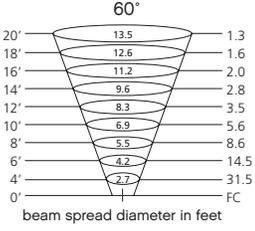
| 5W3K60  |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 5w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 60°         |                                     |
|   | COLOR TEMP.  | 3000K       |                                     |
|   | LUMENS       | 320         |                                     |
|   | CANDLE POWER | 420         |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

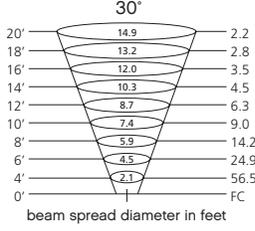
| 8W3K25  |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 8w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 25°         |                                     |
|   | COLOR TEMP.  | 3000K       |                                     |
|   | LUMENS       | 510         |                                     |
|   | CANDLE POWER | 1750        |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

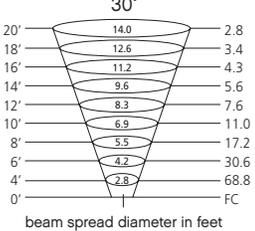
| 8W3K40  |              | MR16 LED    | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 8w          | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 40°         |                                     |
|   | COLOR TEMP.  | 3000K       |                                     |
|   | LUMENS       | 510         |                                     |
|   | CANDLE POWER | 1310        |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

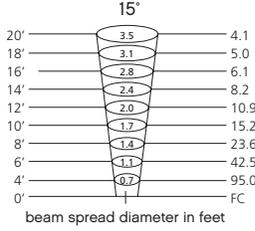
| MR8LED60  |              | MR8 LED     | PHOTOMETRICS                        |
|---|--------------|-------------|-------------------------------------|
|  | WATTAGE      | 2.5w        | <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 60°         |                                     |
|   | COLOR TEMP.  | 3000K       |                                     |
|   | LUMENS       | 90          |                                     |
|   | CANDLE POWER | 115         |                                     |
|   | BASE         | Bi-Pin      |                                     |
|   | LIFESPAN     | 50,000 Hrs. |                                     |

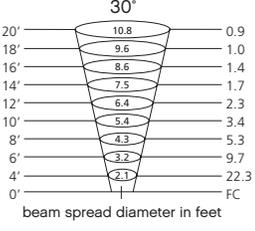
# HALOGEN BULBS

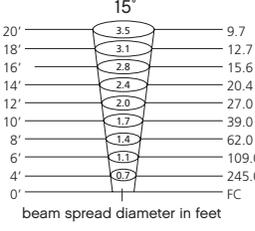
| 4425  | PAR 36 HALOGEN |           | PHOTOMETRICS   |
|---|----------------|-----------|--|
|  | WATTAGE        | 25w       |  <p>60°</p> <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD    | 60° WFL   |  |
|   | COLOR TEMP.    | 2900      |  |
|   | LUMENS         | 100       |  |
|   | CANDLE POWER   | 530       |  |
|   | BASE           | Bi-Pin    |  |
|   | LIFESPAN       | 1000 Hrs. |  |

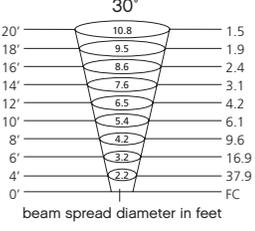
| 4435  | PAR 36 HALOGEN |           | PHOTOMETRICS   |
|---|----------------|-----------|--|
|  | WATTAGE        | 35w       |  <p>30°</p> <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD    | 30° WFL   |  |
|   | COLOR TEMP.    | 2950      |  |
|   | LUMENS         | 250       |  |
|   | CANDLE POWER   | 1000      |  |
|   | BASE           | Bi-Pin    |  |
|   | LIFESPAN       | 4000 Hrs. |  |

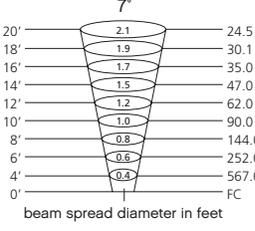
| 4450  | PAR 36 HALOGEN |           | PHOTOMETRICS   |
|---|----------------|-----------|--|
|  | WATTAGE        | 50w       |  <p>30°</p> <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD    | 30° WFL   |  |
|   | COLOR TEMP.    | 3000      |  |
|   | LUMENS         | 400       |  |
|   | CANDLE POWER   | 1500      |  |
|   | BASE           | Bi-Pin    |  |
|   | LIFESPAN       | 4000 Hrs. |  |

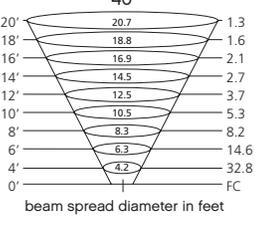
| 0011N10   | MR11 HALOGEN |           | PHOTOMETRICS   |
|---|--------------|-----------|--|
|  | WATTAGE      | 10w       |  <p>15°</p> <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 15° NSP   |  |
|   | COLOR TEMP.  | 2800      |  |
|   | LUMENS       | 80        |  |
|   | CANDLE POWER | 1300      |  |
|   | BASE         | Bi-Pin    |  |
|   | LIFESPAN     | 2000 Hrs. |  |

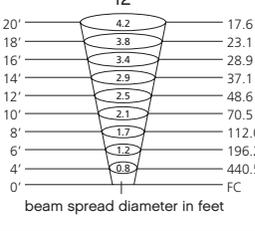
| 0011W10   | MR11 HALOGEN |           | PHOTOMETRICS   |
|---|--------------|-----------|--|
|  | WATTAGE      | 10w       |  <p>30°</p> <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 30° WFL   |  |
|   | COLOR TEMP.  | 2800      |  |
|   | LUMENS       | 90        |  |
|   | CANDLE POWER | 350       |  |
|   | BASE         | Bi-Pin    |  |
|   | LIFESPAN     | 2000 Hrs. |  |

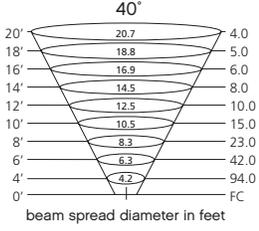
| 0011N20   | MR11 HALOGEN |           | PHOTOMETRICS   |
|---|--------------|-----------|--|
|  | WATTAGE      | 20w       |  <p>15°</p> <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 15° NSP   |  |
|   | COLOR TEMP.  | 2800      |  |
|   | LUMENS       | 80        |  |
|   | CANDLE POWER | 1300      |  |
|   | BASE         | Bi-Pin    |  |
|   | LIFESPAN     | 2000 Hrs. |  |

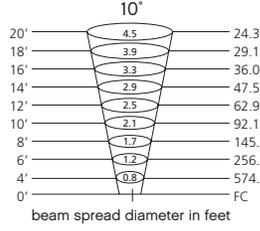
| 0011W20   | MR11 HALOGEN |           | PHOTOMETRICS   |
|---|--------------|-----------|--|
|  | WATTAGE      | 20w       |  <p>30°</p> <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 30° WFL   |  |
|   | COLOR TEMP.  | 2900      |  |
|   | LUMENS       | 190       |  |
|   | CANDLE POWER | 700       |  |
|   | BASE         | Bi-Pin    |  |
|   | LIFESPAN     | 2000 Hrs. |  |

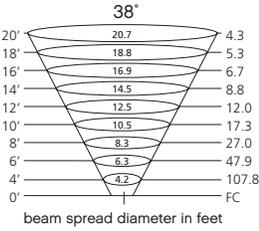
| 0016N20   | MR11 HALOGEN |           | PHOTOMETRICS  |
|---|--------------|-----------|---|
|  | WATTAGE      | 20w       |  <p>7°</p> <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 7° NSP    |   |
|   | COLOR TEMP.  | 3000      |   |
|   | LUMENS       | 170       |   |
|   | CANDLE POWER | 3000      |   |
|   | BASE         | Bi-Pin    |   |
|   | LIFESPAN     | 2000 Hrs. |   |

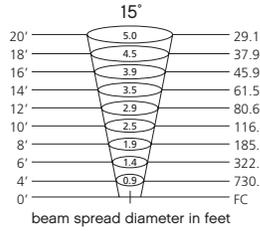
| 0011W20   | MR16 HALOGEN |           | PHOTOMETRICS   |
|---|--------------|-----------|--|
|  | WATTAGE      | 20w       |  <p>40°</p> <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 40° WFL   |  |
|   | COLOR TEMP.  | 2900      |  |
|   | LUMENS       | 190       |  |
|   | CANDLE POWER | 700       |  |
|   | BASE         | Bi-Pin    |  |
|   | LIFESPAN     | 2000 Hrs. |  |

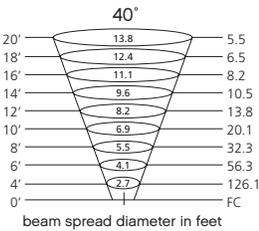
| 0016N35   | MR16 HALOGEN |           | PHOTOMETRICS   |
|---|--------------|-----------|--|
|  | WATTAGE      | 35w       |  <p>12°</p> <p>beam spread diameter in feet</p> |
|   | BEAM SPREAD  | 12° NSP   |  |
|   | COLOR TEMP.  | 2950      |  |
|   | LUMENS       | 300       |  |
|   | CANDLE POWER | 7400      |  |
|   | BASE         | Bi-Pin    |  |
|   | LIFESPAN     | 2000 Hrs. |  |

| 0016W35   | MR16 HALOGEN |           | PHOTOMETRICS  |  |
|---|--------------|-----------|---|--|
|  | WATTAGE      | 35w       |  <p>beam spread diameter in feet</p> |  |
|   | BEAM SPREAD  | 40° WFL   |   |  |
|   | COLOR TEMP.  | 2950      |   |  |
|   | LUMENS       | 340       |   |  |
|   | CANDLE POWER | 1300      |   |  |
|   | BASE         | Bi-Pin    |   |  |
|   | LIFESPAN     | 2000 Hrs. |   |  |

| 0016N50   | MR16 HALOGEN |           | PHOTOMETRICS  |  |
|---|--------------|-----------|---|--|
|  | WATTAGE      | 50w       |  <p>beam spread diameter in feet</p> |  |
|   | BEAM SPREAD  | 10° NSP   |   |  |
|   | COLOR TEMP.  | 3000      |   |  |
|   | LUMENS       | 430       |   |  |
|   | CANDLE POWER | 8500      |   |  |
|   | BASE         | Bi-Pin    |   |  |
|   | LIFESPAN     | 2000 Hrs. |   |  |

| 0016W50   | MR16 HALOGEN |           | PHOTOMETRICS  |  |
|---|--------------|-----------|---|--|
|  | WATTAGE      | 50w       |  <p>beam spread diameter in feet</p> |  |
|   | BEAM SPREAD  | 38° WFL   |   |  |
|   | COLOR TEMP.  | 3000      |   |  |
|   | LUMENS       | 470       |   |  |
|   | CANDLE POWER | 1580      |   |  |
|   | BASE         | Bi-Pin    |   |  |
|   | LIFESPAN     | 2000 Hrs. |   |  |

| 0016N75   | MR16 HALOGEN |           | PHOTOMETRICS  |  |
|---|--------------|-----------|---|--|
|  | WATTAGE      | 75w       |  <p>beam spread diameter in feet</p> |  |
|   | BEAM SPREAD  | 15° NSP   |   |  |
|   | COLOR TEMP.  | 3000      |   |  |
|   | LUMENS       | 650       |   |  |
|   | CANDLE POWER | 11,200    |   |  |
|   | BASE         | Bi-Pin    |   |  |
|   | LIFESPAN     | 2000 Hrs. |   |  |

| 0016W75   | MR16 HALOGEN |           | PHOTOMETRICS  |  |
|---|--------------|-----------|---|--|
|  | WATTAGE      | 75w       |  <p>beam spread diameter in feet</p> |  |
|   | BEAM SPREAD  | 40° WFL   |   |  |
|   | COLOR TEMP.  | 3000      |   |  |
|   | LUMENS       | 720       |   |  |
|   | CANDLE POWER | 1900      |   |  |
|   | BASE         | Bi-Pin    |   |  |
|   | LIFESPAN     | 2000 Hrs. |   |  |

| T5 WEDGE BASE   | 0906         | 0912      | 0921      | 0921X     |           |
|---|--------------|-----------|-----------|-----------|-----------|
|  | WATTAGE      | 7w        | 12w       | 18w       | 18w       |
|   | BEAM SPREAD  | 360°      | 360°      | 360°      | 360°      |
|   | COLOR TEMP.  | 2700K     | 2700K     | 2700K     | 2700K     |
|   | CANDLE POWER | 6         | 12        | 21        | 21        |
|   | BASE         | Wedge     | Wedge     | Wedge     | Wedge     |
|   | LIFESPAN     | 1000 Hrs. | 1000 Hrs. | 1000 Hrs. | 1000 Hrs. |

| T3 & T4 HALOGEN   | 0020T3       | 0010T4    | 0020T4    | 0050T4    |           |
|---|--------------|-----------|-----------|-----------|-----------|
|  | WATTAGE      | 20w       | 10w       | 20w       | 50w       |
|   | BEAM SPREAD  | 360°      | 360°      | 360°      | 360°      |
|   | COLOR TEMP.  | 3000K     | 3000K     | 3000K     | 3000K     |
|   | CANDLE POWER | 320       | 140       | 320       | 930       |
|   | BASE         | Bi-Pin    | Bi-Pin    | Bi-Pin    | Bi-Pin    |
|   | LIFESPAN     | 2000 Hrs. | 2000 Hrs. | 2000 Hrs. | 2000 Hrs. |

## STEP 1: MAKE A PLAN

What do you want to light? Pick favorite trees, interesting plants, fountains, statues or other attractive architectural elements. These items will be the focus of your lighting plan. Think about how you use the property. Are there areas you would like to illuminate for work, recreation or entertaining? Think about spaces in which added light would enhance safety, such as steps or a wall around the side of your home.

### *helpful planning tip*

DON'T MISS THE LANDSCAPE LIGHTING TECHNIQUES ON PAGES 8-9 TO DETERMINE THE BEST METHODS FOR HIGHLIGHTING YOUR HOME'S EXTERIOR.



## STEP 2: PREPARE YOUR EQUIPMENT

### LOW VOLTAGE LED SYSTEMS

Most residential LED landscape lighting is done with 12-volt distribution. The system consists of a central transformer, weatherproof cable and low voltage LED fixtures and accessories.

### LED FIXTURES

Decide on what fixtures you will be using as part of your complete lighting plan. Choose styles you like and select the appropriate LED wattage for the application.

### TRANSFORMERS

Transformers convert your 120-volt household current to 12-volt. Outdoor transformers can be installed on the side of your house and plug into an exterior rated outlet. They must mount at least 12" above the ground.

Transformers used indoors (such as in a garage or basement) must be listed for that application. For indoor use, UL requires conduit be used when running wiring through the wall. Calculate the total volt amperage (VA) your system requires. Then choose a transformer powerful enough to handle the total VA and still have some extra capacity if fixtures will be added at a later time.

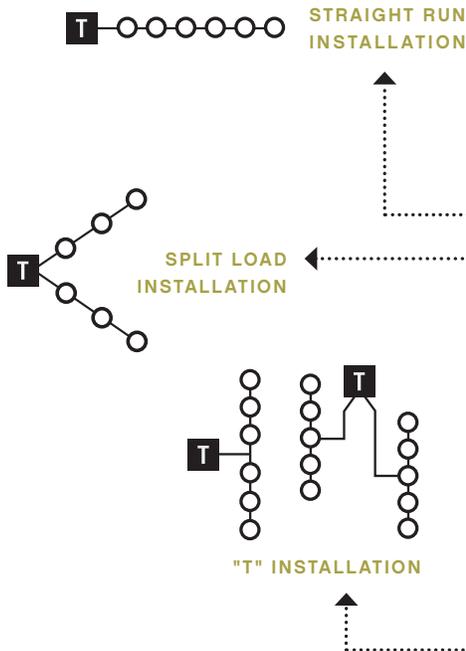
### CABLE

12-volt LED fixtures take power from a weatherproof, flexible 2-wire cable that can be used above or below ground and generally does not need to be housed in conduit or buried as deep as 120-volt wiring. 12AWG cable is minimum gauge recommended for LED installations. Measure the distance from the last fixture on the run to the transformer to calculate the amount of cable needed. Add 1-2 feet of cable per fixture to allow for repositioning.

## STEP 3: WIRING YOUR SYSTEM

## CABLE FIXTURE AND LAYOUT

If your lighting plan requires more than one transformer, you will need to divide the fixtures into groups or zones. To do so, consider the many areas of your property and how they are used. You may want all of the front yard lighting on one transformer, patio and deck lighting on another transformer, etc. The location of your electrical outlets will also help you to determine how to group the fixtures.



The pictured diagrams will help you wire your system. The black box represents the transformer.

**STRAIGHT RUN INSTALLATION**

Fixtures run in sequence directly from the transformer.

**SPLIT LOAD INSTALLATION**

With a Split Load installation, fixtures run in two or more directions from transformer. Locating the transformer in the center of the run and connect wires to the transformer as you would when using straight run installation.

**"T" INSTALLATION**

A "T" installation allows more equal distribution of power to the center of the run, or to the run some distance away. If lengthy runs, use 8 or 10 AWG cable to split. Use 12 AWG cable to cross the "T" between fixtures.

**MINIMAL VOLTAGE DROP WITH LED**

LED fixtures use less amperage than incandescent, therefore more fixtures can be used in a single cable run as compared to incandescent. Each fixture has a built-in durable driver circuit that accepts a wider input voltage range (10VAC-15VAC) thus eliminating the common voltage-drop problems experienced with incandescent systems. Most fixtures can be wired in straight run installations eliminating the need to create zones or split loads. The driver in each fixture will regulate the input voltage and properly power the LED.

**VA (VOLT-AMPS) & W (WATTAGE)**

All LED fixtures are measured in wattage (the actual electric consumed by the LED) and volt-amps VA (the power supply required to operate the LED). LED drivers convert the 12V alternating current (AC) to direct current (DC) to power the LED chip(s). This additional power to change the current is measured as volt-amps (VA) for each fixture. The VA indicates the power supply or transformer requirement you will need to operate the LEDs. To properly size your transformer, add up the VA for all fixtures on the system. To calculate your energy cost, add up the measured wattage rating of each LED.

$$6 \text{ fixtures} \times 2.1 \text{ W each} = 12.6 \text{ W total}$$

(ACTUAL ENERGY CONSUMED)

$$6 \text{ fixtures} \times 3.2 \text{ VA each} = 19.2 \text{ VA total}$$

(MINIMUM TRANSFORMER REQUIRED)

*for further instructions* ON FIXTURE CONNECTION, MOUNTING AND ACCESSORIES, FOLLOW HINKLEY'S INCANDESCENT INSTALLATION INSTRUCTIONS FOUND ON PAGE 70.

# 12V LOW VOLTAGE DESIGN + INSTALLATION

## STEP 1: MAKE A PLAN

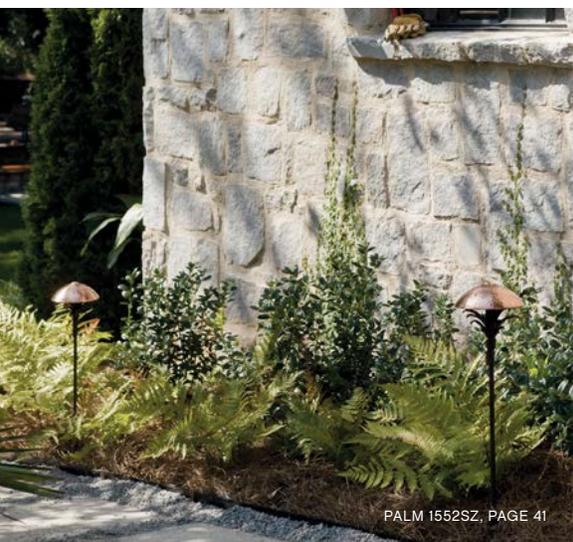
What do you want to light? Pick favorite trees, interesting plants, fountains, statues or other attractive architectural elements. These items will be the focus of your lighting plan.

Think about how you use the property. Are there areas you would like to illuminate for work, recreation or entertaining?

Think about areas in which added light would enhance safety, such as steps or a wall around the side of your home.

### *helpful planning tip*

DON'T MISS THE LANDSCAPE LIGHTING TECHNIQUES ON PAGES 8-9 TO DETERMINE THE BEST METHODS FOR HIGHLIGHTING YOUR HOME'S EXTERIOR.



PALM 1552SZ, PAGE 41

## STEP 2: PREPARE YOUR EQUIPMENT

### LOW VOLTAGE SYSTEMS

Most residential landscape lighting is done with 12-volt distribution. The system consists of a central transformer, weatherproof cable and low voltage fixtures and accessories.

### FIXTURES

Decide on what fixtures you will be using as part of your complete lighting plan. Choose styles you like and select the appropriate wattage for the application.

### TRANSFORMERS

Transformers convert your 120-volt household current to 12-volt. Outdoor transformers can be installed on the side of your house and plug into an exterior outlet. They must mount at least 12" above the ground.

Transformers used indoors (such as in a garage or basement) must be listed for that application. For indoor use, UL requires conduit be used when running wiring through the wall. Calculate the total lamp wattage (or VA for LED) your system requires. Then choose a transformer powerful enough to handle the total wattage/VA and still have some extra capacity if fixtures will be added at a later time.

### CABLE

12-volt fixtures take power from a weatherproof, flexible 2-wire cable that can be used above or below ground and generally does not need to be housed in conduit or buried as deep as 120-volt wiring. 12AWG cable is minimum gauge recommended for LED installations. Measure the distance from the last fixture on the run to the transformer to calculate the amount of cable needed. Add 1-2 feet of cable per fixture to allow for repositioning.

## STEP 3: WIRING YOUR SYSTEM AND VOLTAGE DROP

### CABLE FIXTURE AND LAYOUT

If your lighting plan requires more than one transformer, you will need to divide the fixtures into groups or zones. To do so, consider the many areas of your property and how they are used. You may want all of the front yard lighting on one transformer, patio and deck lighting on another transformer, etc. The location of your electrical outlets will also help you to determine how to group the fixtures.

| MAXIMUM CABLE LENGTH PER TOTAL FIXTURE WATTS/VA |        |        |         |         |         |         |         |
|---|--------|--------|---------|---------|---------|---------|---------|
| Cable Size                                      | 50w/VA | 75w/VA | 100w/VA | 150w/VA | 200w/VA | 250w/VA | 300w/VA |
| 12-2  | 300'   | 200'   | 150'    | 100'    | 75'     | 60'     | —       |
| 10-2  | 475'   | 318'   | 240'    | 160'    | 120'    | 100'    | 80'     |
| 8-2   | 750'   | 506'   | 380'    | 250'    | 190'    | 150'    | 125'    |

**VOLTAGE DROP**

Excessive voltage drop occurs when too much wattage is placed on a cable that is too long or too small for the load. Voltage drop causes lamps furthest from the transformer to be dimmer than those near the transformer.

To help minimize voltage drop among each group of fixtures, use the following information to assist you:

**Total Watts** = sum of the incandescent wattage on a single run of wire.

**Volt Amps** = sum of the LED VA on a single run of wire.

**Cable Length** = length of cable run (feet) from transformer to the last fixture on that run.

**Cable Constant** = thickness of copper wire. The thicker the wire, the lower the conductive resistance, resulting in a lower drop in voltage.

**THE CABLE CONSTANT IS BASED ON WIRE SIZE. REMEMBER THAT LARGER WIRES HAVE LOWER AWG SIZES.**

| CABLE CONSTANT |          |
|----------------|----------|
| Cable          | Constant |
| 18 AWG         | 1,380v   |
| 16 AWG         | 2,200v   |
| 14 AWG         | 3,500v   |
| 12 AWG         | 7,500v   |
| 10 AWG         | 11,920v  |
| 8 AWG          | 18,960v  |

**CALCULATING VOLTAGE DROP**

You can calculate voltage drop in volts using the formula below. It also shows the relationship of wattage/VA, run length and two-conductor cable size (given by the cable constant). Adjust lamp wattage/VA, number of fixtures per run, or the length of the run to maintain the right relationship. Example: (3) 50w fixtures on a 75 ft. run using 12 gauge wire.

**VOLTAGE DROP** =  $\frac{\text{Total Watts/VA} \times \text{Cable Length}}{\text{Cable Constant}} \times 2$

---

**EXAMPLE:**

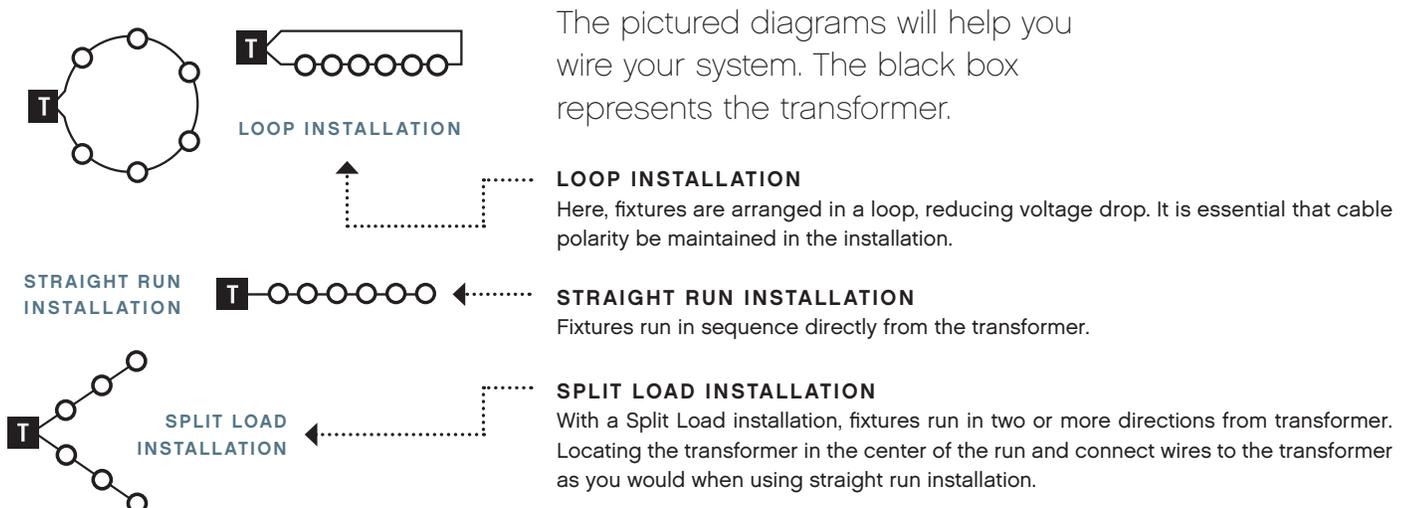
**VOLTAGE DROP** =  $\frac{150w \times 75'}{7500 \text{ (12 AWG Cable Constant)}} \times 2$

Then, subtract the voltage drop from transformer output to operate in desired range:

**15 VOLT TAP - 3 (VOLTAGE DROP) =  
12 (ACTUAL VOLTAGE)**

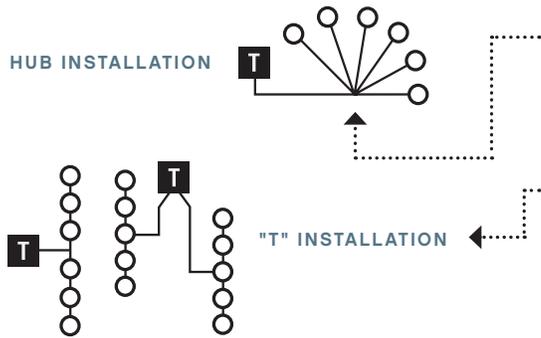
Voltage should not drop below 10.8 volts. In this case you should choose higher outputs to keep voltage in desired range of 11.2 volts-11.6 volts.

Lighting fixtures will generate heat. To avoid excessive heat be sure to keep all lamps clear of dirt and debris. Input voltage at the lamp on low voltage fixtures should never exceed 12 volts.



*continued on next page* ▶

### STEP 3: WIRING YOUR SYSTEM AND VOLTAGE DROP *continued*



#### HUB INSTALLATION

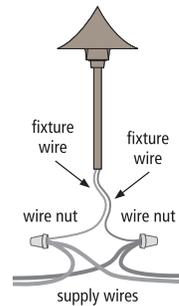
With a Hub installation, fixtures in a group are connected at a central hub. The voltage drop will be virtually identical for each fixture, which makes this installation option optimal. Fewer connections are needed, simplifying troubleshooting and system servicing.

#### "T" INSTALLATION

A "T" installation allows more equal distribution of power to the center of the run, or to the run some distance away. If lengthy runs, Use 8 or 10 AWG cable to split. Use 12 AWG cable to cross the "T" between fixtures.

| EFFECT OF VOLTAGE ON LAMP LIFE/LIGHT OUTPUT |                         |                        |
|---|-------------------------|------------------------|
| Voltage at Lamp                             | Life Expectancy of Lamp | % of Rated Candlepower |
| 13.2  | 2/3 rated life          | 350                    |
| 12.6  | 3/4 rated life          | 180                    |
| 12.0  | as rated                | 100                    |
| 11.5  | 2 x rated               | 80                     |
| 11.0  | 3 x rated               | 75                     |
| 10.75                                       | 4 x rated               | 70                     |
| 10.5  | 5 x rated               | 65*                    |
| 10.0  | 9 x rated               | 50                     |

\*Lowest recommended candle power output



#### FIXTURE CONNECTION

Hinkley low voltage fixtures come standard with a connection kit, (2) wire nuts and silicone caulk. Fixtures should be attached by splicing them into main supply cable. Wire nuts should be filled with silicone. Twist the wires, then screw on the wire nut. Wrap with electrical tape. Bury any extra wire at the base of fixture to allow for relocation or adjustment.

After wiring your lighting plan, turn the transformer on and check the lamp voltage at each fixture.

#### MOUNTING

Hinkley low-voltage fixtures come standard with the 0014 BZ ground spike (see accessories, page 57) and can be easily relocated every several years to adjust for the natural growth of trees and plantings.

### STEP 4: CONSIDER ACCESSORIES

Controls enhance landscape lighting, just as they do interior lighting. Photocells, timers and special lenses can help control your lighting plan.



#### PHOTOCELLS

Photocells turn the lighting on when the sun goes down. You can combine a photocell (on) and a timer (off) to avoid wasting energy after the household has retired for the night.

#### TIMERS

Timers provide automatic on/off control, according to how you program them and can be used in conjunction with photocells.

#### LENSES

Hinkley lenses are available for use with spotlights to create directional beams of light, diffuse lamp beam spread, enhance color and to reduce overall glare.

*for additional accessories* AND CONTROLS, SEE PAGES 58-61.

LINE VOLTAGE: 120V  
LIGHTING



HARDY ISLAND 1670IMZ, PAGE 22

# 120 VOLT

## HINKLEY LIGHTING'S LINE VOLTAGE PRODUCTS OFFER THE LIGHTING PROFESSIONAL A MORE POWERFUL LANDSCAPE LIGHTING OPTION

Line voltage systems operate with more power than their low voltage counterparts and can accommodate larger lamps with much higher wattage, creating significant light output from a small number of fixtures. Line voltage is most commonly used in commercial, security and public use applications. It can also be used in residential applications where extensive up-lighting on large architectural features and mature landscape is required or where a 120v wiring system is already in place.

---

- **LINE VOLTAGE INSTALLATION**

A licensed electrical contractor is required to install Line Voltage landscape lighting systems. When installing 120v systems, the wire must be properly buried at least 18" inches in the ground, placed in a protective conduit and have sealed junction boxes at the connection points. Installation is labor intensive and rigid, which makes line voltage systems a more permanent option than low voltage systems. Installation by a professional will ensure the Line Voltage system functions properly. Local code requirements should be consulted.

- **QUALITY AND DURABILITY**

Hinkley's Line Voltage products are built to last. Constructed of durable aluminum or thermoplastic composite resin, our lighting fixtures stand up to tough weather conditions. Our powder coated finish on all Line Voltage products protect the fixtures from chipping, fading and cracking, which significantly improves the durability and lifespan of our fixtures in even the harshest atmospheric conditions.

- **VALUE AND CONVENIENCE**

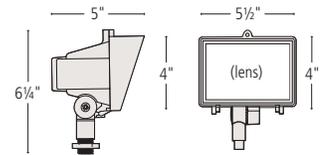
Choosing to install a Line Voltage system can be an economical solution in residential situations where a wiring system is already in place. Rather than re-wire a low voltage system, which requires a transformer and a fresh wiring plan, Hinkley Line Voltage fixtures can be put into place with relative ease. A wide variety of lamping options offers convenience when choosing a Line Voltage system. Traditional incandescent lamps can be used and technology advancements have even led to popularity with self-ballasted fluorescent lamps.



**56000 BZ**  
120V MUSHROOM™  
PATH LIGHT  
9½" W, 26" H



**57000 BZ**  
120V 75W MINI-CAN  
FLOOD LIGHT WITH CLEAR LENS  
5½" W, 4" H SHROUD  
5" L, 6¼" H



| ITEM                | 56000 BZ                               | 57000 BZ   |
|---------------------|--|--|
| FINISH              | Powder-Coated Bronze (BZ)              | Powder-Coated Bronze (BZ)  |
| CONSTRUCTION        | Durable Cast Aluminum                  | Durable Cast Aluminum  |
| LENS                | Clear Polycarbonate                    | Clear Glass: flat, tempered  |
| VOLTAGE             | 120v                                   | 120v   |
| LAMP (Not Included) | A19 (up to 75w)                        | Mini-Can (up to 75w)   |
| WIRING              | 6" usable 105°C 18-AWG wire leads      | 6" usable 200°C 18-AWG wire leads and ground leads   |
| REFLECTOR           |  | Hammertone Finish, High-Performance Aluminum   |
| SHROUD              |  | Cast aluminum housing with silicone o-ring gaskets providing a superior weather-tight seal |
| SOCKET              | Porcelain w/ nickel-plated screw shell | Porcelain mini-can base with spring center contact high temperature leads                  |

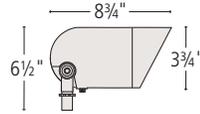
For Line Voltage Accessories see page 84.

**PHOTOMETRICS**

| DISTANCE FROM LIGHT | ITEM     | 1'    | 2'    | 3'   | 4'   | 5'   | 6'   |
|---------------------|----------|-------|-------|------|------|------|------|
| FOOT CANDLES        | 56000 BZ | 41.67 | 12.50 | 4.60 | 1.39 | 0.37 | 0.13 |

**PHOTOMETRICS (BASED ON VARIOUS MOUNTING DISTANCES AT 22° ANGLE)**

| DISTANCE FROM LIGHT | ITEM           | 1'    | 2'    | 3'    | 4'   | 5'   | 6'   | 7'   | 8'   | 9'   | 10'  | 11'  | 12'  | 13'  | 14'  |
|---------------------|----------------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| FOOT CANDLES        | 3' From Object | 33.07 | 23.80 | 11.98 | 6.23 | 2.08 | 1.12 | 0.48 | 0.16 | 0.06 |      |      |      |      |      |
|                     | 6' From Object | 10.69 | 8.58  | 7.57  | 6.47 | 4.78 | 3.17 | 2.49 | 1.82 | 0.89 | 0.55 | 0.38 | 0.30 | 0.21 | 0.04 |
|                     | 9' From Object | 5.00  | 4.51  | 4.01  | 3.55 | 3.36 | 2.74 | 1.90 | 1.55 | 1.25 | 1.02 | 0.82 | 0.59 | 0.36 | 0.29 |



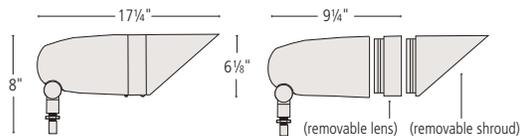
54000 BZ  
54000 BZ-LED30, 54000 BZ-LED60  
3 3/4" DIA. SHROUD, 6 1/2" H  
8 3/4" L SHROUD

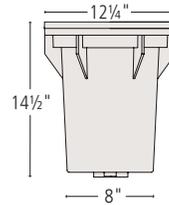


55000 BZ  
120V 175W LG. SPOT LIGHT  
(Shown with lens)  
6 1/8" DIA. SHROUD, 8" H  
9 1/4" L WITHOUT SHROUD



55000 BZ  
120V 175W LG. SPOT LIGHT  
(Shown with lens and shroud)  
6 1/8" DIA. SHROUD, 8" H  
17 1/4" L WITH SHROUD





**53000 BZ**  
 BURIAL BALLAST BOX  
 (Ballast Assembly not included)  
 12¼" DIA., 14½" H  
 8" DIA. BASE



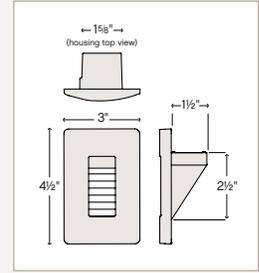
| ITEM                      | 53000 BZ  | 54000 BZ  | 54000 BZ-LED30  | 54000 BZ-LED60  | 55000 BZ  |
|---------------------------|---|---|---|---|---|
| NAME                      | Burial Ballast Box (made for use with 54000 BZ and 55000 BZ)  | 75w Sm. Spot Light  | 120v 7w 30° LED Spot Light  | 120v 7w 60° LED Spot Light  | 175w Lg. Spot Light (Removable Lens and Shroud)   |
| FINISH                    | Bronze (BZ)   | Powder-Coated Bronze (BZ)   | Powder-Coated Bronze (BZ)   | Powder-Coated Bronze (BZ)   | Powder-Coated Bronze (BZ)   |
| CONSTRUCTION              | Thermoplastic composite resin with molded ribbing to prevent ground shifting. Composite cover has ½"-14NPS hub for direct mount.                | Durable Cast Aluminum   | Durable Cast Aluminum   | Durable Cast Aluminum   | Durable Cast Aluminum   |
| LENS                      |   | Clear, Convex, Tempered   | Clear, Convex, Tempered   | Clear, Convex, Tempered   | Clear, Convex, Tempered   |
| VOLTAGE                   |   | 120v  | 120v  | 120v  | 120v  |
| LAMP/LED ENGINE           | For use with 54000 BZ and 55000 BZ  | PAR16 or PAR20 Not Included   | E0055LED Included   | E0055LED Included   | PAR38 Not Included  |
| WATTAGE                   |   | up to 75w   | 7w  | 7w  | up to 175w  |
| BALLAST                   | Requires 70w, 100w or 175w Ballast Assembly   |   |   |   |   |
| WIRING/WIRING COMPARTMENT | Isolated sealable wiring compartment. Cover has (2) threaded ¾"-14NPS entries for conduit re-attachment. Encapsulant potting compound included. | 6" usable 200°C 18-AWG wire leads and ground leads  | 6" usable 200°C 18-AWG wire leads and ground leads  | 6" usable 200°C 18-AWG wire leads and ground leads  | 6" usable 200°C 18-AWG wire leads and ground leads  |
| GASKET                    | EPDM, 1-piece molded silicone gasket  |   |   |   |   |
| SHROUD                    |   | Durable cast aluminum housing with silicone o-rings providing a superior weather-tight seal | Durable cast aluminum housing with silicone o-rings providing a superior weather-tight seal | Durable cast aluminum housing with silicone o-rings providing a superior weather-tight seal | Durable cast aluminum housing with silicone o-rings providing a superior weather-tight seal |
| SOCKET                    |   | 4KV Pulse-Rated Porcelain Base  |

For Line Voltage Accessories, see page 84.

# LUNA STEP LIGHT

THE PERFECT SOLUTION FOR ANY INDOOR OR OUTDOOR 120V OUTLET OR SWITCH LOCATION

- + FULLY DIMMABLE
- + FITS STANDARD GANG JUNCTION BOX
- + 4W POWER CONSUMPTION
- + DIE CAST ZINC ALUMINUM ALLOY
- + INDOOR/OUTDOOR ETL RATED



**58504 BZ**  
120V LUNA™ STEP LIGHT  
3" W, 4½" H



**58504 LA**  
120V LUNA™ STEP LIGHT  
3" W, 4½" H



**58504 MZ**  
120V LUNA™ STEP LIGHT  
3" W, 4½" H



**58504 SW**  
120V LUNA™ STEP LIGHT  
3" W, 4½" H



**58504 TT**  
120V LUNA™ STEP LIGHT  
3" W, 4½" H



| LED ITEM        | LED ENGINE (INCLUDED) | WATTAGE | INCANDESCENT EQUIVALENCY | FINISH       | CONSTRUCTION            |
|-----------------|-----------------------|---------|--------------------------|--------------|-------------------------|
| <b>58504 BZ</b> | LS-20                 | 4w      | 20w                      | Bronze       | Zinc Aluminum Alloy     |
| <b>58504 LA</b> | LS-20                 | 4w      | 20w                      | Light Almond | Zinc Aluminum Alloy     |
| <b>58504 MZ</b> | LS-20                 | 4w      | 20w                      | Matte Bronze | Forged Brass Face Plate |
| <b>58504 SW</b> | LS-20                 | 4w      | 20w                      | Satin White  | Zinc Aluminum Alloy     |
| <b>58504 TT</b> | LS-20                 | 4w      | 20w                      | Titanium     | Zinc Aluminum Alloy     |

For Line Voltage Accessories, see page 84. For Transformers, see pages 60-61.

**PHOTOMETRICS (BASED ON VARIOUS MOUNTING HEIGHTS)**

| DISTANCE FROM LIGHT |              | LED ITEM | 1'   | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | 8'   |
|---------------------|--------------|----------|------|------|------|------|------|------|------|------|
| FOOT CANDLES        | 8" Mounting  | 58504 BZ | 6.36 | 1.01 | 0.22 |      |      |      |      |      |
|                     | 16" Mounting |          | 2.6  | 1.65 | 0.67 | 0.3  | 0.13 |      |      |      |
|                     | 30" Mounting |          | 0.16 | 1.1  | 0.69 | 0.4  | 0.23 | 0.13 |      |      |
|                     | 8" Mounting  | 58504 LA | 8.79 | 2.0  | 0.79 | 0.38 | 0.21 | 0.13 | 0.09 |      |
|                     | 16" Mounting |          | 3.03 | 2.12 | 0.89 | 0.43 | 0.23 | 0.14 | 0.06 |      |
|                     | 30" Mounting |          |      | 1.14 | 0.81 | 0.45 | 0.28 | 0.16 | 0.11 | 0.08 |
|                     | 8" Mounting  | 58504 MZ | 6.74 | 1.12 | 0.24 |      |      |      |      |      |
|                     | 16" Mounting |          | 2.73 | 1.82 | 0.73 | 0.31 | 0.14 |      |      |      |
|                     | 30" Mounting |          |      | 1.22 | 0.76 | 0.40 | 0.23 | 0.12 |      |      |
|                     | 8" Mounting  | 58504 SW | 9.29 | 2.6  | 1.17 | 0.64 | 0.42 | 0.29 | 0.21 | 0.16 |
|                     | 16" Mounting |          | 3.0  | 2.32 | 1.17 | 0.66 | 0.41 | 0.28 | 0.2  | 0.15 |
|                     | 30" Mounting |          | 0.25 | 1.19 | 0.93 | 0.6  | 0.4  | 0.29 | 0.21 | 0.16 |
|                     | 8" Mounting  | 58504 TT | 9.05 | 2.2  | 0.83 | 0.4  | 0.25 | 0.16 | 0.11 |      |
|                     | 16" Mounting |          | 3.16 | 2.17 | 0.97 | 0.49 | 0.27 | 0.16 | 0.1  |      |
|                     | 30" Mounting |          | 0.1  | 1.29 | 0.86 | 0.52 | 0.33 | 0.22 | 0.15 | 0.1  |



**58508 BZ**  
120V LUNA™ STEP LIGHT  
4½" W, 3" H



**58508 LA**  
120V LUNA™ STEP LIGHT  
4½" W, 3" H



**58508 SW**  
120V LUNA™ STEP LIGHT  
4½" W, 3" H



**KNOW YOUR MATERIAL**

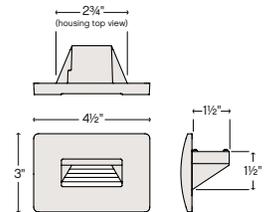
58504 MZ and 58508 MZ feature a forged brass face plate



**58508 MZ**  
120V LUNA™ STEP LIGHT  
4½" W, 3" H



**58508 TT**  
120V LUNA™ STEP LIGHT  
4½" W, 3" H



| LED ITEM | LED ENGINE (INCLUDED) | POWER SUPPLY REQUIREMENT | INCANDESCENT EQUIVALENCY | FINISH       | CONSTRUCTION            |
|----------|-----------------------|--------------------------|--------------------------|--------------|-------------------------|
| 58508 BZ | LS-20                 | 4w                       | 20w                      | Bronze       | Zinc Aluminum Alloy     |
| 58508 LA | LS-20                 | 4w                       | 20w                      | Light Almond | Zinc Aluminum Alloy     |
| 58508 MZ | LS-20                 | 4w                       | 20w                      | Matte Bronze | Forged Brass Face Plate |
| 58508 SW | LS-20                 | 4w                       | 20w                      | Satin White  | Zinc Aluminum Alloy     |
| 58508 TT | LS-20                 | 4w                       | 20w                      | Titanium     | Zinc Aluminum Alloy     |

For Line Voltage Accessories, see page 84. For Transformers, see pages 60-61.

**PHOTOMETRICS (BASED ON VARIOUS MOUNTING HEIGHTS)**

| DISTANCE FROM LIGHT |              | LED ITEM | 1'   | 2'   | 3'    | 4'   | 5'   | 6'   | 7'   | 8'   |      |
|---------------------|--------------|----------|------|------|-------|------|------|------|------|------|------|
| FOOT CANDLES        | 8" Mounting  | 58508 BZ | 3.58 | 0.71 | 0.2   |      |      |      |      |      |      |
|                     | 16" Mounting |          |      | 0.86 | 0.38  | 0.15 |      |      |      |      |      |
|                     | 30" Mounting |          |      |      | 0.27  | 0.24 | 0.13 |      |      |      |      |
|                     | 8" Mounting  | 58508 LA | 4.41 | 1.64 | 0.32  | 0.24 | 0.13 | 0.09 |      |      |      |
|                     | 16" Mounting |          |      | 0.97 | 0.50  | 0.26 | 0.14 | 0.10 |      |      |      |
|                     | 30" Mounting |          |      |      | 0.29  | 0.27 | 0.18 | 0.12 |      |      |      |
|                     | 8" Mounting  | 58508 MZ | 3.79 | 0.79 | 0.23  |      |      |      |      |      |      |
|                     | 16" Mounting |          |      | 0.90 | 0.41  | 0.17 |      |      |      |      |      |
|                     | 30" Mounting |          |      |      | 0.33  | 0.29 | 0.14 |      |      |      |      |
|                     | 8" Mounting  | 58508 SW | 7.0  | 2.19 | 0.97  | 0.57 | 0.37 | 0.26 | 0.19 | 0.14 |      |
|                     | 16" Mounting |          |      | 0.66 | 0.158 | 0.85 | 0.5  | 0.32 | 0.23 | 0.16 | 0.12 |
|                     | 30" Mounting |          |      |      | 0.32  | 0.52 | 0.43 | 0.3  | 0.23 | 0.16 | 0.12 |
|                     | 8" Mounting  | 58508 TT | 4.5  | 1.8  | 0.45  | 0.25 | 0.15 | 0.11 |      |      |      |
|                     | 16" Mounting |          |      |      | 1.03  | 0.54 | 0.27 | 0.15 | 0.1  |      |      |
|                     | 30" Mounting |          |      |      |       | 0.32 | 0.29 | 0.19 | 0.12 |      |      |

# 120V LANDSCAPE LIGHTING



**58506 BZ**  
120V LUNA™ STEP LIGHT  
4¾" W, 4½" H



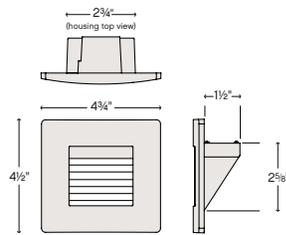
**58506 LA**  
120V LUNA™ STEP LIGHT  
4¾" W, 4½" H



## DOUBLE GANG configuration



**58506 SW**  
120V LUNA™ STEP LIGHT  
4¾" W, 4½" H



**58506 TT**  
120V LUNA™ STEP LIGHT  
4¾" W, 4½" H

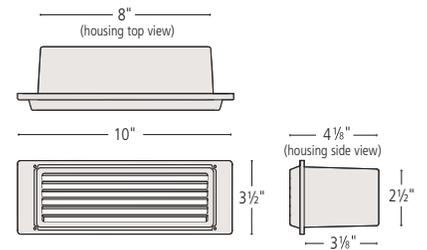


| LED ITEM | LED ENGINE | WATTAGE | INCANDESCENT EQUIVALENCY | FINISH       | CONSTRUCTION        |
|----------|------------|---------|--------------------------|--------------|---------------------|
| 58506 BZ | LS-20      | 4w      | 20w                      | Bronze       | Zinc Aluminum Alloy |
| 58506 LA | LS-20      | 4w      | 20w                      | Light Almond | Zinc Aluminum Alloy |
| 58506 SW | LS-20      | 4w      | 20w                      | Satin White  | Zinc Aluminum Alloy |
| 58506 TT | LS-20      | 4w      | 20w                      | Titanium     | Zinc Aluminum Alloy |

For Line Voltage Accessories, see page 84. For Transformers, see pages 60-61.

### PHOTOMETRICS (BASED ON VARIOUS MOUNTING HEIGHTS)

| DISTANCE FROM LIGHT |              | LED ITEM | 1'   | 2'   | 3'   | 4'   | 5'   |
|---------------------|--------------|----------|------|------|------|------|------|
| FOOT CANDLES        | 8" Mounting  | 58506 BZ | 4.76 | 0.47 | 0.08 |      |      |
|                     | 16" Mounting |          | 2.24 | 0.92 | 0.17 | 0.06 |      |
|                     | 30" Mounting |          | 1.08 | 0.65 | 0.21 | 0.11 | 0.03 |
|                     | 8" Mounting  | 58506 LA | 6.33 | 0.84 | 0.21 | 0.08 |      |
|                     | 16" Mounting |          | 4.11 | 1.22 | 0.34 | 0.13 | 0.09 |
|                     | 30" Mounting |          | 2.47 | 0.83 | 0.46 | 0.15 | 0.06 |
|                     | 8" Mounting  | 58506 SW | 7.15 | 0.89 | 0.20 | 0.08 |      |
|                     | 16" Mounting |          | 3.22 | 0.77 | 0.31 | 0.14 | 0.07 |
|                     | 30" Mounting |          | 2.12 | 0.81 | 0.26 | 0.15 | 0.06 |
|                     | 8" Mounting  | 58506 TT | 6.86 | 0.70 | 0.16 | 0.06 |      |
|                     | 16" Mounting |          | 2.97 | 1.13 | 0.39 | 0.11 | 0.05 |
|                     | 30" Mounting |          | 1.88 | 0.95 | 0.23 | 0.14 | 0.06 |



**59009 BZ**  
120V 9W CFL  
BRICK LIGHT  
10" W, 3 1/2" H, 4 1/8" D



**59024 BZ-LED**  
120V LED  
BRICK LIGHT  
10" W, 3 1/2" H, 4 1/8" D



**59040 BZ**  
120V 40W G9  
BRICK LIGHT  
10" W, 3 1/2" H, 4 1/8" D

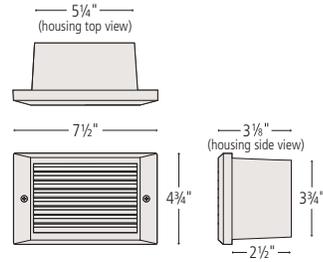


| ITEM                             | <b>59009 BZ</b>  | <b>59024 BZ-LED</b>  | <b>59040 BZ</b>  |
|----------------------------------|--|--|--|
| NAME                             | Brick Light (9w) CFL   | 120v LED Brick Light   | Brick Light (40w) G9   |
| FINISH                           | Powder-Coated Bronze (BZ)  | Powder-Coated Bronze (BZ)  | Powder-Coated Bronze (BZ)  |
| CONSTRUCTION                     | Cast aluminum with a silicone gasket providing a superior weather-tight seal | Cast aluminum with a silicone gasket providing a superior weather-tight seal | Cast aluminum with a silicone gasket providing a superior weather-tight seal |
| LENS                             | Clear, Flat  | Clear, Flat  | Clear, Flat  |
| VOLTAGE                          | 120v   | 120v   | 120v   |
| LAMP/LED ENGINE                  | 9w CFL GX23<br>Not Included  | 3.8w NX3<br>Included   | 40w G9<br>Not Included   |
| WIRING/<br>WIRING<br>COMPARTMENT | 6" usable 200°C 18-AWG wire leads and ground leads                           | 6" usable 200°C 18-AWG wire leads and ground leads                           | 6" usable 200°C 18-AWG wire leads and ground leads                           |
| SOCKET                           | Plastic GX23-2   |  | White Porcelain Bi-Pin Base  |

For Line Voltage Accessories, see page 84. For Transformers, see pages 60-61.

**PHOTOMETRICS** (BASED ON VARIOUS MOUNTING HEIGHTS)

| DISTANCE FROM LIGHT |              | ITEM/LED ITEM | 1'    | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | 8'   | 9'   |
|---------------------|--------------|---------------|-------|------|------|------|------|------|------|------|------|
| FOOT<br>CANDLES     | 6" Mounting  | 59009 BZ      | 6.25  | 2.44 | 0.97 | 0.27 | 0.12 | 0.04 |      |      |      |
|                     | 12" Mounting |               | 1.58  | 1.55 | 1.51 | 0.89 | 0.37 | 0.19 | 0.11 | 0.08 | 0.06 |
|                     | 18" Mounting |               | 0.70  | 0.66 | 0.63 | 0.59 | 0.53 | 0.42 | 0.26 | 0.15 | 0.03 |
|                     | 6" Mounting  | 59024 BZ-LED  | 7.65  | 2.66 | 1.19 | 0.51 | 0.06 |      |      |      |      |
|                     | 12" Mounting |               | 3.19  | 2.71 | 2.61 | 1.34 | 0.40 | 0.24 | 0.19 | 0.14 | 0.08 |
|                     | 18" Mounting |               | 0.86  | 0.82 | 0.68 | 0.53 | 0.50 | 0.44 | 0.32 | 0.20 | 0.11 |
|                     | 6" Mounting  | 59040 BZ      | 10.20 | 3.55 | 1.58 | 0.68 | 0.08 |      |      |      |      |
|                     | 12" Mounting |               | 4.25  | 3.61 | 3.48 | 1.79 | 0.53 | 0.32 | 0.25 | 0.18 | 0.11 |
|                     | 18" Mounting |               | 1.15  | 1.06 | 0.89 | 0.68 | 0.64 | 0.58 | 0.41 | 0.25 | 0.15 |



**58009 BZ**  
120V 9W CFL  
STEP LIGHT  
7 1/2" W, 4 3/4" H, 3 1/8" D  


**58015 BZ-LED**  
120V LED  
STEP LIGHT  
7 1/2" W, 4 3/4" H, 3 1/8" D  
 

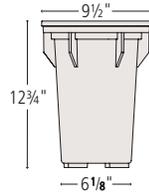
**58025 BZ**  
120V 25W G9  
STEP LIGHT  
7 1/2" W, 4 3/4" H, 3 1/8" D  


| ITEM                             | 58009 BZ   | 58015 BZ-LED   | 58025 BZ   |
|----------------------------------|--|--|--|
| NAME                             | Step Light (9w) CFL  | 120v LED Step Light  | Step Light (25w) G9  |
| FINISH                           | Powder-Coated Bronze (BZ)  | Powder-Coated Bronze (BZ)  | Powder-Coated Bronze (BZ)  |
| CONSTRUCTION                     | Cast aluminum with a silicone gasket providing a superior weather-tight seal | Cast aluminum with a silicone gasket providing a superior weather-tight seal | Cast aluminum with a silicone gasket providing a superior weather-tight seal |
| LENS                             | Clear, Flat  | Clear, Flat  | Clear, Flat  |
| VOLTAGE                          | 120v   | 120v   | 120v   |
| LAMP/LED ENGINE                  | 9w CFL GX23<br>Not Included  | 3.8w NX3<br>Included   | 25w G9<br>Not Included   |
| WIRING/<br>WIRING<br>COMPARTMENT | 6" usable 200°C 18-AWG wire leads and ground leads                           | 6" usable 200°C 18-AWG wire leads and ground leads                           | 6" usable 200°C 18-AWG wire leads and ground leads                           |
| SOCKET                           | Plastic GX23-2   |  | White Porcelain Bi-Pin Base  |

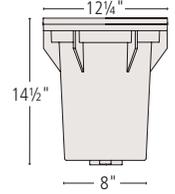
For Line Voltage Accessories, see page 84.

**PHOTOMETRICS (BASED ON VARIOUS MOUNTING HEIGHTS)**

| DISTANCE FROM LIGHT |              | ITEM/LED ITEM | 1'    | 2'   | 3'   | 4'   | 5'   | 6'   | 7'   | 8'   |
|---------------------|--------------|---------------|-------|------|------|------|------|------|------|------|
| FOOT<br>CANDLES     | 6" Mounting  | 58009 BZ      | 9.68  | 2.01 | 0.58 | 0.19 | 0.06 |      |      |      |
|                     | 18" Mounting |               | 1.67  | 1.41 | 1.07 | 0.63 | 0.33 | 0.18 | 0.10 |      |
|                     | 6" Mounting  | 58015BZ-LED   | 15.55 | 3.65 | 0.94 | 0.31 | 0.10 | 0.03 |      |      |
|                     | 18" Mounting |               | 3.09  | 2.25 | 1.73 | 1.10 | 0.49 | 0.29 |      |      |
|                     | 6" Mounting  | 58025 BZ      | 16.37 | 3.84 | 0.99 | 0.33 | 0.11 | 0.03 | 0.20 | 0.10 |
|                     | 18" Mounting |               | 3.25  | 2.37 | 1.82 | 1.16 | 0.52 | 0.30 | 0.21 | 0.10 |



**51000 BZ**  
120V 100W SM.  
IN-GROUND WELL LIGHT  
9 1/2" DIA., 12 3/4" H  
6 1/8" DIA. BASE



**51070 BZ**  
120V 70W-MH SM.  
IN-GROUND WELL LIGHT  
9 1/2" DIA., 12 3/4" H  
6 1/8" DIA. BASE



**52000 BZ**  
120V 100WLG.  
IN-GROUND WELL LIGHT  
12 1/4" DIA., 14 1/2" H  
8" DIA. BASE



| ITEM                             | 51000 BZ  | 51070 BZ   | 52000 BZ   |
|----------------------------------|---|--|--|
| FINISH                           | Bronze (BZ)   | Bronze (BZ)  | Bronze (BZ)  |
| CONSTRUCTION                     | Thermoplastic composite resin with molded ribbing to prevent ground shifting.   | Thermoplastic composite resin with molded ribbing to prevent ground shifting.  | Thermoplastic composite resin with molded ribbing to prevent ground shifting.  |
| LENS                             | Clear, Flat   | Clear, Flat  | Clear, Flat  |
| VOLTAGE                          | 120v  | 120v   | 120v   |
| LAMP<br>Not Included             | 100w Max. Incandescent  | 70w Metal Halide   | 100w Max. Incandescent   |
| BALLAST                          |   | Pre-wired HPF ballast on key-slotted mounting base. Input voltage 120v, 208v, 240v, 277v core and coil HPF.  |  |
| WIRING/<br>WIRING<br>COMPARTMENT | 6" usable 105°C 18-AWG wire leads and ground leads. Isolated sealable wiring compartment. Cover has (2) threaded 3/4"-14NPS entries for conduit re-attachment. Encapsulant potting compound included. | 6" usable 105°C 18-AWG wire leads and ground leads. Isolated sealable wiring compartment. Cover has (2) threaded 3/4"-14NPS entries for conduit attachment. Encapsulant potting compound included. | 6" usable 105°C 18-AWG wire leads and ground leads. Isolated sealable wiring compartment. Cover has (2) threaded 3/4"-14NPS entries for conduit attachment. Encapsulant potting compound included. |
| GASKET                           | EPDM 1-piece Molded Silicone U-Channel  | EPDM 1-piece Molded Silicone U-Channel   | EPDM 1-piece Molded Silicone U-Channel   |
| REFLECTOR                        | 120° Hydroformed Alzak-Finished Aluminum  | 120° Hydroformed Alzak-Finished Aluminum   | 84° Hydroformed Alzak-Finished Hammered Aluminum   |
| SOCKET                           | Porcelain Medium Base   | Porcelain 4KV Pulse-Rated Medium Base  | Porcelain Medium Base  |
| LIVE LOAD<br>CAPACITY            | 2200 lbs.   | 2200 lbs.  | 2600 lbs.  |
| ACCESSORIES                      | Small Concrete Kit: 51010 CK<br>Small Rock Guard: 51901 BZ  | Small Concrete Kit: 51010 CK<br>Small Rock Guard: 51901 BZ   | Large Concrete Kit: 52010 CK<br>Large Rock Guard: 52901 BZ   |

For Line Voltage Accessories, see page 84.



50500 PP  
POWER POST



51901 BZ, 52901 BZ  
SMALL AND LARGE  
ROCK GUARD



50400 HG  
WELL LIGHT  
HIGH GEL



50200 WN  
WIRE CONNECTORS



51010 CK, 52010 CK  
CONCRETE KIT



50300 SF  
SCOTCH-FIL

| ITEM     | NAME                     | DESCRIPTION                             | WIDTH/DIAMETER                | HEIGHT  | LENGTH | DETAILS               |
|----------|--------------------------|---|-------------------------------|---------|--------|-----------------------|
| 50200 WN | Silicone Wire Connectors | Outdoor Wire Connectors                 | 5/8" Dia.                     |         | 1 1/4" | Package of 20         |
| 50300 SF | Scotch-Fil               | Conduit Sealant                         |                               |         | 2"     | Sold in (4) 2" Strips |
| 50400 HG | Well Light High Gel      | Encapsulant Potting Compound            |                               |         |        | 82g Pack              |
| 50500 PP | Power Post               | Landscape Splice Post with Junction Box | 3/4" Dia.<br>7" W (with fins) | 20 1/2" |        | PVC                   |
| 51010 CK | Concrete Kit (Small)     | Pour Kit for Small Well Lights          | 10 3/4" Dia.                  | 6"      |        | PVC                   |
| 51901 BZ | Small Rock Guard         | For use with 51000 BZ, 51070 BZ         | 9 1/2" Dia.                   | 1 1/4"  |        | Composite             |
| 52010 CK | Concrete Kit (Large)     | Pour Kit for Large Well Lights          | 14" Dia.                      | 6"      |        | PVC                   |
| 52901 BZ | Large Rock Guard         | For use with 52000 BZ, 52175 BZ         | 12 1/4" Dia.                  | 1 1/4"  |        | Composite             |

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## HINKLEY LANDSCAPE LIGHTING WARRANTY

Hinkley Landscape Lighting products have been manufactured under the highest standards of quality and workmanship. All Hinkley Landscape Lighting fixtures are warranted against defects in materials and workmanship for a period of five (5) years from the date of shipment, unless otherwise noted below.

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All fixtures in this catalog are either UL-listed or ETL-listed for compliance with low voltage lighting standards.



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