A photograph of a stone path in a garden at dusk. The path is made of large, flat, grey stones. On either side of the path are various plants, including tall grasses, shrubs, and flowering plants. Several small, black, dome-shaped landscape lights are placed along the path, casting a warm glow. In the background, there are trees and a house with a window. The overall scene is peaceful and well-lit.

NEW LED INCLUDED

HINKLEY

LANDSCAPE LIGHTING

LANDSCAPE CATALOG : 2014

HINKLEY

LANDSCAPE LIGHTING

LET HINKLEY TRANSPORT YOU INTO AN EXCITING NEW WORLD WHERE LIGHTING, DESIGN AND FASHION COME TOGETHER. AT HINKLEY LIGHTING, WE EMBRACE THE DESIGN PHILOSOPHY THAT YOU CAN MERGE PERSONAL STYLE, IMPROVED SECURITY AND A CONNECTION TO NATURE WHILE CREATING YOUR PERFECT LANDSCAPE. WE HOPE YOU WILL BE INSPIRED BY OUR COMMITMENT TO KEEP YOUR 'LIFE AGLOW.'

THIS CATALOG INCLUDES THE FULL RANGE OF HINKLEY LANDSCAPE LIGHTING FIXTURES.

HINKLEY LIGHTING, INC.

ONE FAMILY, THREE BRANDS : A FULL SPECTRUM OF LIGHTING



Perfect Landscape

Successfully transforming your outdoor space with landscape lighting will increase its beauty and its usefulness. No matter the scale of the project, this process always involves careful planning to shape your ideal outdoor experience. Complete your lighting vision in style with Hinkley Landscape Lighting.



HINKLEY LANDSCAPE LIGHTING

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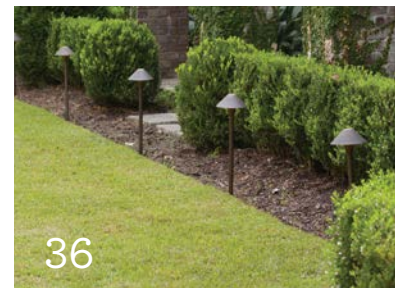
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"I think you really need to stay true to the architectural style of the house and choose landscape lighting that is in the same vein. I don't really love the idea of trendy or eclectic when thinking about the exterior of a home. I believe in classic. Now the interior is another story."

RYAN KORBAN, RYAN KORBAN
NEW YORK CITY

True to Form

Before selecting your decorative landscape lighting, it is important to take into account the key architectural and landscaping features of your home. This extra layer of style will add loads of curb appeal while reflecting your personal design taste. Keep in mind that visible fixtures, like path lights, should complement the time period the house was built, along with its overall styling.

Utilitarian fixtures such as well and spot lights will be concealed in landscape materials or shrubbery so choose fixtures that blend in when the fixture is off or during winter months when there is less foliage.

"A decorative fixture is obviously the choice in areas where it is highly visible and acts as part of the house's exterior décor. When choosing decorative fixtures, consider the architectural style of your home and the interior design elements you wish to complement. Consider scale as well, making sure that the fixture is in proper proportion to the space it is illuminating and nearby architectural elements such as corbels and doors."

AMY ELBERT, SENIOR ARCHITECTURE EDITOR, TRADITIONAL HOME

Fixtures shown: Trellis Path Lights 1515 RB, page 48.

TRANSFORMING YOUR NIGHTTIME LANDSCAPE with lighting effects will create lovely shadows and define interesting architectural elements. There are a variety of ways to add drama to your outdoor space, no matter its size. Keep in mind that even a modest yard or small terraced area can benefit from getting creative with simple lighting techniques. (Techniques continued on page 8)

UP-LIGHTING

Uplighting refers to illuminating an object, area or surface from below. For the effect shown below, a spot light is aimed at the tree in the foreground while the front of the home remains relatively dark. This method creates a focal point in the landscape:



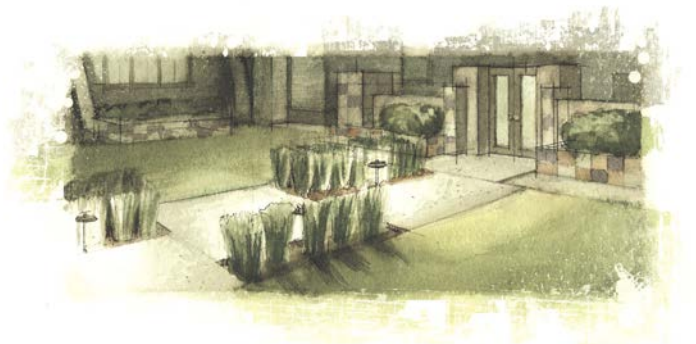
"My favorite landscape lighting technique is using spot lights: I love the effect of up-lighting trees!"

"If chosen carefully, even the most modest of landscape design projects can be transformed into something magical. Using a variety of lighting will provide a combination of highlights to enhance a space — try using up lights in trees, path and spot lights in landscape and decorative lanterns over seating areas."

LISA McDENNON, LISA McDENNON DESIGN
LAGUNA BEACH, CA

PATH LIGHTING

Path and area lighting is used to enhance landscaping such as flower beds, shrubbery and borders while safely illuminating pathways. For the effect shown below, path lights are staggered around the walkway to create pools of light and illuminate a safe passageway to the home's entrance emphasizing the dynamic design of the landscape:



SILHOUETTING

Also called backlighting, silhouetting is used to dramatize an interesting-shaped object. For the effect shown below, a spot light is placed between the tree and the front of the home. The spotlight is aimed at the front of the home creating a dramatic silhouette of the tree:



TECHNIQUES CONTINUED ON PAGE 8 >>

HINKLEY IS HERE TO HELP you make educated choices about your low voltage lighting plan and lamping options. Light is an essential design tool and it is not always easy to visualize how a combination of lighting effects will work together. Whether you are planning to install a whole-yard plan at once or gradually add in different layers of light, it's often best to consult with lighting expert at your local lighting showroom.

12V VS. 120V

Homeowners can consider two types of voltage systems while planning their outdoor lighting. Below is an easy-to-understand overview to help make the best choices.

Low voltage systems, or 12v systems, are generally more flexible and suitable for most residential environments while line voltage or 120v systems are more suited to permanent commercial and institutional applications.

12V LOW VOLTAGE	120V LINE VOLTAGE
Flexibility when installing or relocating; cable can be repositioned	Wire must be buried 18 inches and placed in a protective conduit; easy to install if area is pre-wired
Designed for wet locations and operates safely when exposed to moisture	All fixtures and connectors must be absolutely waterproof (shock hazard potential when wet)
Lamps are small allowing fixtures to be smaller and blend with the landscape	Lamps and fixtures are larger and less fixtures are required for a complete lighting plan
Lamps available in low watt type and many beam spreads; precise lighting effects can be achieved with low energy costs	Higher watt lamps and one or two beam spreads produce high light levels and can be wired into home's electrical supply
Can be plugged into existing outdoor receptacles; no need for an electrical contractor in most cases	Must always be installed by a licensed electrical contractor; local permits may be required
Transformer to convert electrical current from 120v to 12v required; voltage drop (dim lights) can occur if improperly installed and inadequately sized cable used	No transformer required; voltage drop not as critical

Expert lighting consultants are available in your area to further answer questions you may have about landscape lighting installation. Visit Hinkley Landscape Lighting online and use our showroom locator to locate a knowledgeable distributor in your area: hinkleylighting.com

JUST YOUR TYPE

Consider all aspects of your exterior when designing a lighting plan. When done right, your landscape lighting will combine form and function, making your home safer and more beautiful. Four important areas to consider include:

- **PATH** – Area lights, or low-level path lighting, are installed to keep walkways bright and easily visible.
- **ACCENT** – Accent lights use directional beams of light and are most often installed to spotlight important landscape features such as trees, statues and other architectural elements.
- **DECK** – Deck lights distribute subtle light, spreading it in a horizontal direction without glare. They are usually mounted to the side of the home or to a deck's railing.
- **STEP & BRICK** – Lighting can be used in masonry or wood constructions to add safety and security to multi-level decks and on steps located throughout your property.

"Introducing light from multiple sources creates an interesting play of light and shadows that enhances a house's architecture, lawn and gardens. Illuminating the exterior is much like lighting a home's interior – you need to layer light, using different types and sources of light to serve a variety of purposes – from safety to ambience to drama. One source of light, such as a porch lamp, certainly won't show off your gardens; nor will a single uplight on a tree illuminate your front stairs. Light layered from a variety of angles and levels gives a property a nice sense of balance and provides a lovely wash of light that is practical and pretty."

AMY ELBERT, SENIOR ARCHITECTURE EDITOR
TRADITIONAL HOME

"I think landscape lighting is essential to a home's safety and appearance. Proper outdoor lighting can transform a home at night into a work of art."

CHRISTINA FLUEGGE, GREIGE DESIGN
SAN JOSE, CA

"Energy efficiency and environmental concerns are important to today's homeowners, and will continue to be so as new technologies evolve. Outdoor lighting often remains on overnight and for long stretches of time, so choosing the most energy-efficient systems are a priority. Landscape lighting is often installed in difficult to access and high places, making long-lived lamps an important asset, too."


AMY ELBERT

SENIOR ARCHITECTURE EDITOR

TRADITIONAL HOME

ECO-LUXURY

SINCE PERFECT PLANNING MAKES ALL THE DIFFERENCE WHEN DESIGNING AND LANDSCAPING YOUR OUTDOOR SPACE, TAKE INTO ACCOUNT YOUR "ECO-PRINT" AND STRIVE TO MAKE GREEN CHOICES IN ALL ASPECTS OF DESIGN. CHECK OUT OUR EXTENSIVE OFFERING OF LED COLLECTIONS AND PHOTOCELL OPTIONS. LED: PAGES 15-35, PHOTOCELLS: PAGE 58



"Landscape lighting creates lovely soft shadows and defines interesting architectural elements. I particularly enjoy star-gazing at night, so I prefer sources that create soft pools of light on pathways or plantings. This gentle mood light invites people outside, encourages intimate conversations, and enhances a home's landscape without interfering with the night sky."

AMY ELBERT
SENIOR ARCHITECTURE EDITOR
TRADITIONAL HOME

SATURN PATH LIGHTS 1579 SS, PAGE 45

ONE STEP AT A TIME

FOLLOW THESE SIMPLE GUIDELINES FOR A SUCCESSFUL RESIDENTIAL LANDSCAPE LIGHTING PLAN →

THE BEST OUTDOOR LIGHTING PLANS will add value to your home, enhance your architecture and improve safety. With so many important benefits at stake, Hinkley recommends taking a smart and measured approach to ensure your lighting design is pure perfection.

ASSESS YOUR EXTERIOR AND SELECT THE AREAS YOU WANT TO ILLUMINATE.

1.

CHOOSE OUTDOOR LIGHTS THAT COMPLEMENT AND DON'T COMPETE WITH INTERIOR LIGHT SOURCES.

2.

CHOOSE FROM A VARIETY OF DISTINCTIVE LIGHTING TECHNIQUES OUTLINED ON PAGES 3, 8, AND ON HINKLEYLIGHTING.COM.

3.

RESEARCH ENERGY-EFFICIENT FIXTURE OPTIONS, SUCH AS LED, FOR LONG-TERM SAVINGS. SEE HINKLEY'S LED LANDSCAPE LIGHTING, PAGES 15-35.

4.

"Exterior lighting provides a warm welcome and guides visitors safely up walkways and into your home. It leads people from the natural environment into the comforts of your home and should do so in an inviting and seamless way."

AMY ELBERT
SENIOR ARCHITECTURE EDITOR
TRADITIONAL HOME

BASED ON THE INSTALLATION REQUIREMENTS AND YOUR PERSONAL LANDSCAPING NEEDS, SELECT YOUR LIGHTING FIXTURES AND NECESSARY ACCESSORIES.

5.

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

6.

SELECT THE PROPER TRANSFORMER TO PROVIDE THE CORRECT POWER SUPPLY.

7.

CHOOSE PHOTO CELLS OR A TIMER TO TURN THE LIGHTS ON OR OFF, ADDING AN ADDITIONAL MAINTENANCE-FREE AMENITY.

8.

GET CREATIVE WITH THESE SIMPLE LIGHTING TECHNIQUES:

Continued from page 3

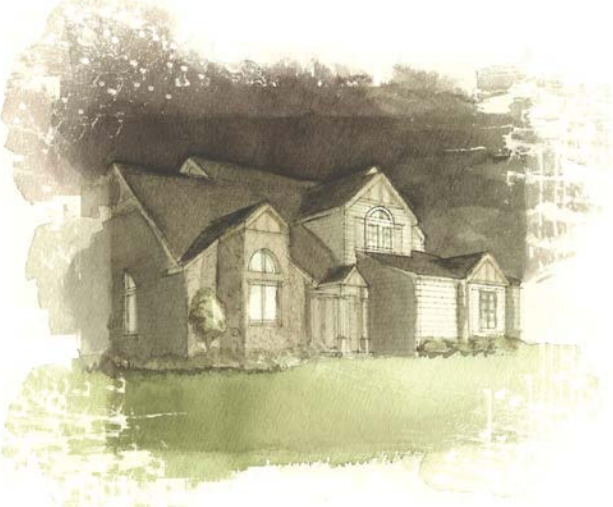
GRAZING

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. For the effect shown below, spot lights are placed beneath each stone pillar to create shadows and dimension, complementing the home's entryway:



WALL WASHING

Wall washing is a technique that refers to the general illumination of a wall or surface. For the effect shown below, spot lights are placed along the front of the home to create a soft wash of light:



STEP LIGHTING

Step and brick lights can be used in masonry and wood constructions. These fixtures are designed to safely illuminate stairways and walkways. For the effect shown below, the steps are gently illuminated leading up to the doorway to ensure safety:



DECK LIGHTING

Step and brick lights can be used in masonry and wood constructions. These fixtures are specifically designed to provide safety and accent lighting. For the effect shown below, a surface mounted deck sconce is placed on the wall above each step to illuminate a safe entryway to the deck. Using an under bench light, a soft glow creates a warm atmosphere:





Safe at Home Base

The initial importance of outdoor lighting in general is for safety and security. This covers a wide range of essentials, from illuminating your pathways and stairs to lighting the darkest areas of your property. Another important factor to consider is being inside and ensuring you can see your property well enough to view incoming visitors, either welcomed or not. A well-lit house is a more secure house.

"One of the primary roles of landscape lighting is to illuminate pathways and steps to ensure safety of those walking to and around the property. Burglars prefer operating out of view, in the dark and when no one is home. When points of entrance are illuminated and a home appears occupied, an invader is less inclined to attempt a break in. What burglar wants his actions in full view of residents, neighbors and passers-by? Fixtures that are triggered by motion are an effective tool for protecting your home from unwanted invaders."

AMY ELBERT, SENIOR ARCHITECTURE EDITOR, TRADITIONAL HOME

*Fixture shown: **Harbor 2575 AR**, page 471 in Hinkley's full line catalog*



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46

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. hinkleylighting.com



ATLANTIS™

Atlantis Path Lights, page 43.
Atlantis LED Path Lights, page 15.

Coordinating Lanterns, pages 422-429 in Hinkley's full-line catalog.



SATURN™

Saturn Path Lights, page 45.

Coordinating Lanterns, pages 416-419 in Hinkley's full-line catalog.



SHELTER™

Shelter Path Lights, page 45.

Coordinating Lanterns, pages 452-457 in Hinkley's full-line catalog.



LEDGEWOOD™

Ledgewood Path Lights, page 47.

Coordinating Lanterns, pages 478-481 in Hinkley's full-line catalog.



HARBOR™

Harbor Path Lights, page 46.
Harbor LED Path Lights, page 16.

Coordinating Lanterns, pages 468-473 in Hinkley's full-line catalog.



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



TRELLIS™

Trellis Path Light, page 48.

Coordinating Lanterns,
pages 566-568 in Hinkley's
full-line catalog.



RALEY™

Raley Path Light, page 48.

Coordinating Lanterns,
pages 526-527 in Hinkley's
full-line catalog.



PLANTATION™

Plantation Path Light, page 48.

Coordinating Lanterns,
pages 608-612 in Hinkley's
full-line catalog.



MONTICELLO™

Monticello Path Light,
page 49.

Coordinating Lanterns,
pages 592-593 in Hinkley's
full-line catalog.



BOLLA™

Bolla Path Light, page 49.

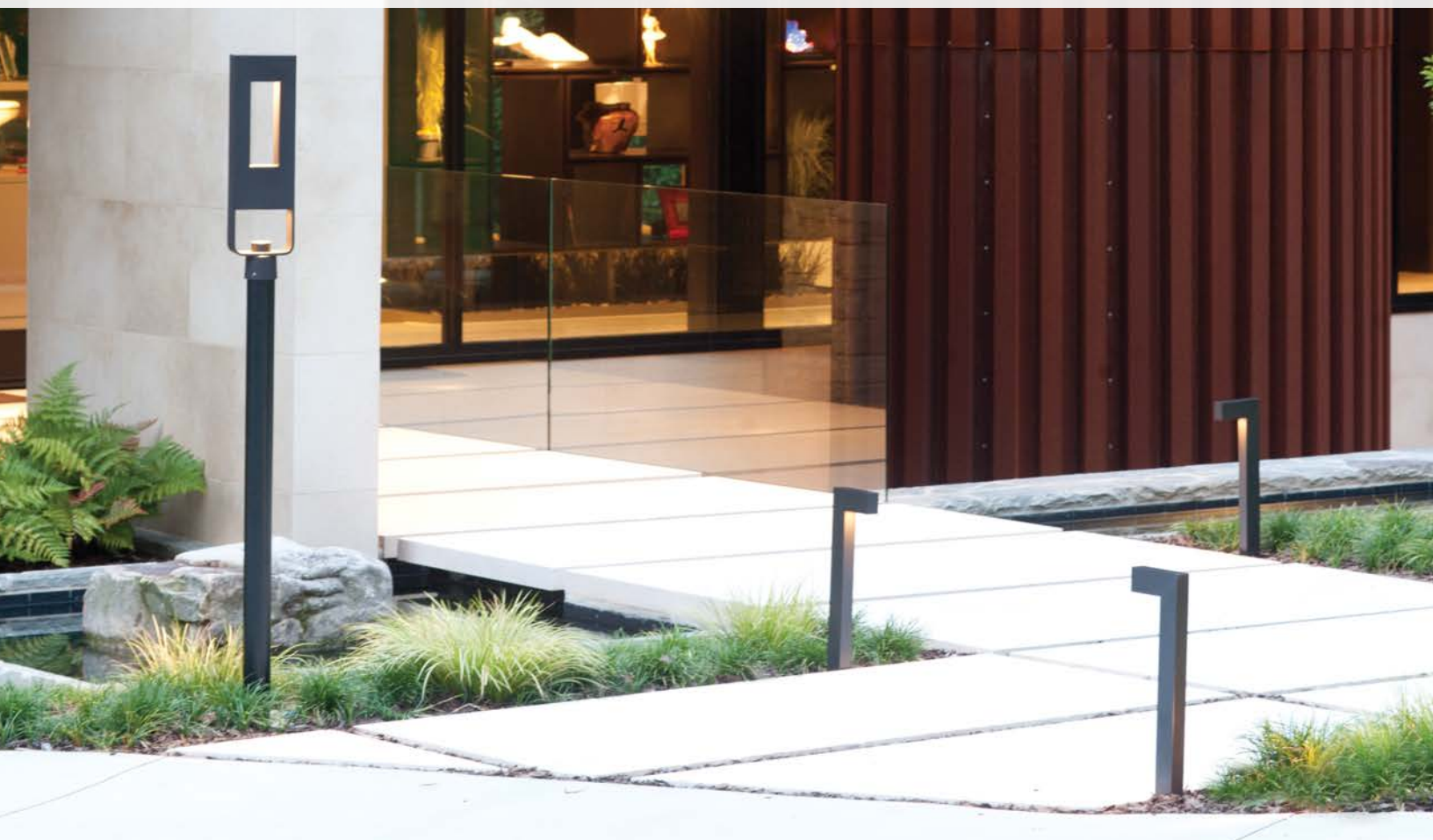
Coordinating Lanterns,
pages 486-489 in Hinkley's
full-line catalog.





LED

HINKLEY IS AT THE FOREFRONT OF TECHNOLOGY, UTILIZING THE LATEST ENGINEERING EXPERTISE TO OFFER A WIDE VARIETY OF LONG-LASTING LED LANDSCAPE LIGHTING TO ECO-CONSCIOUS HOMEOWNERS. OUR DESIGNS MEET THE LATEST ENVIRONMENTAL GUIDELINES, CREATING THE OPPORTUNITY FOR ECO-CHIC LED LIGHTING PLANS TO KEEP THE ENVIRONMENT IN MIND.



ON SOLID GROUND

WHAT'S THE BIG DEAL ABOUT 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 DISPERSEMENT**

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.



LED

INTELLIGENT LIGHTING Hinkley is dedicated to providing state-of-the-art products by utilizing the latest technology and cutting edge components. Below are the LED engines and specifications for both convertible fixtures and integrated LED.

CONVERTS INCANDESCENT TO LED

Available to Purchase



00T5-LED



00T3-LED

0016SP-LED
0016NF-LED
0016WF-LED**INTEGRATED LED**

Not Available to Purchase



NX3



E5050LED



IPL-30



LS-20

MR16-20LED30
MR16-20LED60
MR16-30LED
MR16-60LEDE0054LED
E0055LED**LED ENGINES**

Not Available to Purchase

ITEM	DESCRIPTION	LUMENS	COLOR TEMP.	CRI	WATTS CONSUMED	VA	INCANDESCENT EQUIVALENCY	LIFESPAN
E0054LED	Integrated R Lamp Engine	450	3000k	80	7.0w	10.6VA	50w	35,000
E0055LED	Integrated R Lamp Engine	450	3000k	80	7.0w	—	50w	35,000
E5050LED	Integrated Deck Light Engine	100	3000k	80	1.5w	2.4VA	12w	40,000
IPL-30	Integrated Path Light Engine	110	3000k	80	2.3w	3.9VA	12w	60,000
LS-20	Integrated Step Light Engine	180	3000k	80	4w	—	20w	40,000
MR16-20LED30	Integrated MR16 Lamp Engine	250	3000k	80	3.5w	5.8VA	20w	35,000
MR16-20LED60	Integrated MR16 Lamp Engine	250	3000k	80	3.5w	5.8VA	20w	35,000
MR16-30LED	Integrated MR16 Lamp Engine	300	3000k	80	4.2w	7.0VA	35w	35,000
MR16-60LED	Integrated MR16 Lamp Engine	300	3000k	80	4.2w	7.0VA	35w	35,000
NX3	Integrated Linear Engine	240	3000k	80	3.8w	5.7VA	25w	40,000

LED LAMPS

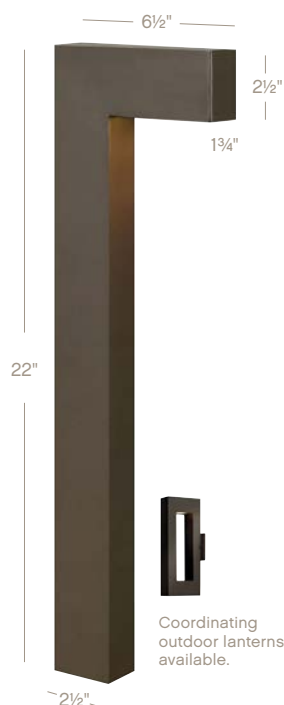
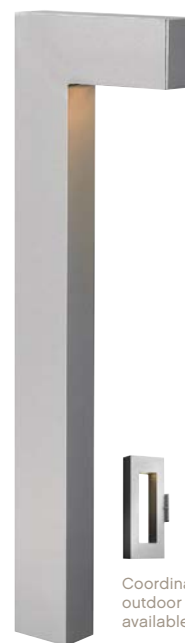
Available to Purchase

ITEM	DESCRIPTION	LUMENS	COLOR TEMP.	CRI	WATTS CONSUMED	VA	INCANDESCENT EQUIVALENCY	LIFESPAN
00T3-LED	T3 LED Bulb	140	3000k	80	1.5w	1.8VA	15w	25,000
00T5-LED	T5 LED Bulb	180	3000k	82	1.7w	2.0VA	18w	25,000
0016NF-LED	MR16 LED Bulb - 30°	275	3000k	80	6.0w	4.3VA	35w	25,000
0016SP-LED	MR16 LED Bulb - 15°	275	3000k	80	6.0w	4.3VA	35w	25,000
0016WF-LED	MR16 LED Bulb - 45°	275	3000k	80	6.0w	4.3VA	35w	25,000



INTEGRATED LED TIP: SPACE PATH LIGHTS 12'-20' APART

(NX3 ENGINE)

1518 BZ-LED
ATLANTIS™1518 HE-LED
ATLANTIS™1518 TT-LED
ATLANTIS™Coordinating
outdoor lanterns
available.Coordinating
outdoor lanterns
available.

LED ADVANTAGES

- INTEGRATED LED MEANS NO LIGHT BULBS TO BUY OR REPLACE
- 3000K COLOR TEMPERATURE = CONSISTENT WARM LIGHT
- USES 75% LESS ENERGY THAN HALOGEN BULBS FOR LONG TERM COST SAVINGS
- ESTIMATED LED CHIP LIFE = 40,000 HOURS

VA (LED) & WATTS
(INCANDESCENT)

VA (Volt-Amps) indicates your power supply/transformer requirement. All transformers are sized to a rating of Volt-Amps.

To properly size your transformer, add up Watts for all incandescent lamps and VA (Volt-Amps) for all LED lamps and fixtures. Both incandescent and LED can be on the same tap/wire. Your energy cost is measured by Watts.

LED PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS LENS	LED ENGINE	LED WATTAGE	INCANDESCENT EQUIVALENCY	POWER SUPPLY REQUIREMENT
1518 BZ-LED	Atlantis	Bronze	6 1/2" (side) 1 3/4" (face)	22" 2 1/2" (face)	Aluminum	Etched	NX3	3.8w	25w	5.7VA
1518 HE-LED	Atlantis	Hematite	6 1/2" (side) 1 3/4" (face)	22" 2 1/2" (face)	Aluminum	Etched	NX3	3.8w	25w	5.7VA
1518 TT-LED	Atlantis	Titanium	6 1/2" (side) 1 3/4" (face)	22" 2 1/2" (face)	Aluminum	Etched	NX3	3.8w	25w	5.7VA

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



1548 BZ-LED
PIZA™



1548 TT-LED
PIZA™



1561 AR-LED
HARBOR™



Coordinating
outdoor lanterns
available.



1561 SK-LED
HARBOR™



Coordinating
outdoor lanterns
available.

1561 TT-LED
HARBOR™

LED PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS OR LENS	LED ENGINE	LED WATTAGE	INCANDESCENT EQUIVALENCY	POWER SUPPLY REQUIREMENT
1548 BZ-LED	Piza	Bronze	2 3/4" (side) 1 3/4" (face) 10" (total ext.)	15"	Aluminum	Etched Lens	NX3	3.8w	25w	5.7VA
1548 TT-LED	Piza	Titanium	2 3/4" (side) 1 3/4" (face) 10" (total ext.)	15"	Aluminum	Etched Lens	NX3	3.8w	25w	5.7VA
1561 AR-LED	Harbor	Anchor Bronze	7 1/2"	21"	Aluminum	Etched Lens	NX3	2.3w	12w	3.9VA
1561 SK-LED	Harbor	Satin Black	7 1/2"	21"	Aluminum	Etched Lens	NX3	2.3w	12w	3.9VA
1561 TT-LED	Harbor	Titanium	7 1/2"	21"	Aluminum	Etched Lens	NX3	2.3w	12w	3.9VA

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.

LED



INTEGRATED LED TIP:
SPACE PATH LIGHTS
12'-20' APART
(IPL ENGINE)



LED PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS OR LENS	LED ENGINE	LED WATTAGE	INCANDESCENT EQUIVALENCY	POWER SUPPLY REQUIREMENT
1502 BZ-LED	Contempo	Bronze	8"	26"	Cast Aluminum	Etched Opal Glass	NX3	3.8w	25w	5.7VA
1544 BK-LED	Ellipse	Black	5¾"	14½", 20½" Max*	Cast Aluminum		IPL-30	2.3w	12w	3.9VA
1544 SC-LED	Ellipse	Southern Clay	5¾"	14½", 20½" Max*	Cast Aluminum		IPL-30	2.3w	12w	3.9VA
1558 BK-LED	Shell	Black	6"	15½", 21½" Max.*	Cast Aluminum	Frosted Lens	IPL-30	2.3w	12w	3.9VA
1558 SC-LED	Shell	Southern Clay	6"	15½", 21½" Max.*	Cast Aluminum	Frosted Lens	IPL-30	2.3w	12w	3.9VA
1573 BK-LED	Saucer	Black	8"	15½", 21½" Max.*	Cast Aluminum		IPL-30	2.3w	12w	3.9VA
1573 SC-LED	Saucer	Southern Clay	8"	15½", 21½" Max.*	Cast Aluminum		IPL-30	2.3w	12w	3.9VA

*Measurement references maximum achievable height with stems included (1-6" and 1-12").

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



HARDYISLAND™

INTEGRATED LED TIP:
SPACE PATH LIGHTS
12'-20' APART
(IPL ENGINE)



HARDY ISLAND LED PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS	LED ENGINE	LED WATTAGE	INCANDESCENT EQUIVALENCY	POWER SUPPLY REQUIREMENT
16001 MZ-LED	Lg. Traditional LED Path Light	Matte Bronze	7"	23½"	Cast Brass	Clear Glass Dome	IPL-30	2.3w	20w	3.9VA
16004 MZ-LED	Sm. Traditional LED Path Light	Matte Bronze	7"	15½"	Cast Brass	Clear Glass Dome	IPL-30	2.3w	20w	3.9VA
16007 MZ-LED	Lg. Hammered LED Path Light	Matte Bronze	6¾"	23½"	Cast Brass	Clear Glass Dome	IPL-30	2.3w	20w	3.9VA
16010 MZ-LED	Sm. Hammered LED Path Light	Matte Bronze	6¾"	15½"	Cast Brass	Clear Glass Dome	IPL-30	2.3w	20w	3.9VA

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



HARDYISLAND™

NOW AVAILABLE IN LED

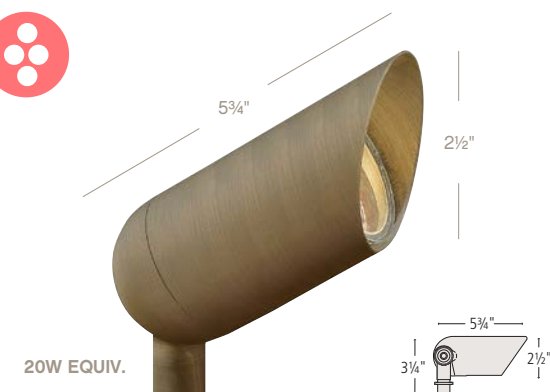
Named for the ruggedly beautiful island off the coast of British Columbia that bears its name, the Hardy Island™ collection is designed to withstand the harshest environments in style. Newly engineered with state of the art patent pending Hinkley LED technology, Hardy Island™ offers fully enclosed lamps, features a weathered brass finish that will mature naturally over time and is backed by an extended warranty.



HARDY ISLAND LED PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS	LED ENGINE	LED WATTAGE	INCANDESCENT EQUIVALENCY	POWER SUPPLY REQUIREMENT
16016 MZ-LED	Mini Classic LED Path Light	Matte Bronze	5 1/4"	15 1/2"	Cast Brass	Clear Glass Dome	IPL-30	2.3w	20w	3.9VA
16019 MZ-LED	Lg. Classic LED Path Light	Matte Bronze	8"	24"	Cast Brass	Clear Glass Dome	IPL-30	2.3w	20w	3.9VA
16022 MZ-LED	Sm. Classic LED Path Light	Matte Bronze	8"	16"	Cast Brass	Clear Glass Dome	IPL-30	2.3w	20w	3.9VA

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



20W EQUIV.

1536 MZ-20LED30
HARDY ISLAND 3.5W LED 30°
SPOT LIGHT
1536 MZ-20LED60
HARDY ISLAND 3.5W LED 60°
SPOT LIGHT



35W EQUIV.

1536 MZ-LED30
HARDY ISLAND 4.2W LED 30°
SPOT LIGHT
1536 MZ-LED60
HARDY ISLAND 4.2W LED 60°
SPOT LIGHT



50W EQUIV.

16504 MZ-LED30
HARDY ISLAND 7W LED 30°
SPOT LIGHT
16504 MZ-LED60
HARDY ISLAND 7W LED 60°
SPOT LIGHT



HARDYISLAND™

Constructed from solid cast brass in a weathered Matte Bronze finish, these heavy duty fixtures are designed to withstand the most extreme climates.

HARDY ISLAND LED CAST BRASS SPOT LIGHTS: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	LENGTH	CONSTRUCTION	GLASS LENS	LED ENGINE	LED WATTAGE	INCANDESCENT EQUIVALENCY	POWER SUPPLY REQUIREMENT
1536 MZ-20LED30	30° LED Spot Light	Matte Bronze	2 1/2" Dia. (shroud)	3 1/4"	5 3/4"	Cast Brass	Clear*	MR16-20LED30	3.5w	20w	5.8VA
1536 MZ-20LED60	60° LED Spot Light	Matte Bronze	2 1/2" Dia. (shroud)	3 1/4"	5 3/4"	Cast Brass	Clear*	MR16-20LED60	3.5w	20w	5.8VA
1536 MZ-LED30	30° LED Spot Light	Matte Bronze	2 1/2" Dia. (shroud)	3 1/4"	5 3/4"	Cast Brass	Clear*	MR16-30LED	4.2w	35w	7.0VA
1536 MZ-LED60	60° LED Spot Light	Matte Bronze	2 1/2" Dia. (shroud)	3 1/4"	5 3/4"	Cast Brass	Clear*	MR16-60LED	4.2w	35w	7.0VA
16504 MZ-LED30	30° LED Spot Light	Matte Bronze	4" Dia.	6"	8 3/4"	Cast Brass	Clear Tempered	E0054LED	7.0w	50w	10.6VA
16504 MZ-LED60	60° LED Spot Light	Matte Bronze	4" Dia.	6"	8 3/4"	Cast Brass	Clear Tempered	E0054LED	7.0w	50w	10.6VA

*Optional performance lenses available, see page 57.

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



1536 BZ-20LED30
3.5W LED 30° SPOT LIGHT
1536 BZ-20LED60
3.5W LED 60° SPOT LIGHT



1536 BZ-LED30
4.2W LED 30° SPOT LIGHT
1536 BZ-LED60
4.2W LED 60° SPOT LIGHT

LED CAST ALUMINUM SPOT LIGHTS: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	DEPTH	CONSTRUCTION	GLASS LENS	LED ENGINE	LED WATTAGE	INCANDESCENT EQUIVALENCY	POWER SUPPLY REQUIREMENT
1536 BZ-20LED30	30° LED Spot Light	Bronze	2 1/2" Dia. (shroud)	3 1/4"	5 3/4"	Cast Aluminum	Clear*	MR16-20LED30	3.5w	20w	5.8VA
1536 BZ-20LED60	60° LED Spot Light	Bronze	2 1/2" Dia. (shroud)	3 1/4"	5 3/4"	Cast Aluminum	Clear*	MR16-20LED60	3.5w	20w	5.8VA
1536 BZ-LED30	30° LED Spot Light	Bronze	2 1/2" Dia. (shroud)	3 1/4"	5 3/4"	Cast Aluminum	Clear*	MR16-30LED	4.2w	35w	7.0VA
1536 BZ-LED60	60° LED Spot Light	Bronze	2 1/2" Dia. (shroud)	3 1/4"	5 3/4"	Cast Aluminum	Clear*	MR16-60LED	4.2w	35w	7.0VA

*Optional performance lenses available, see page 57.

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



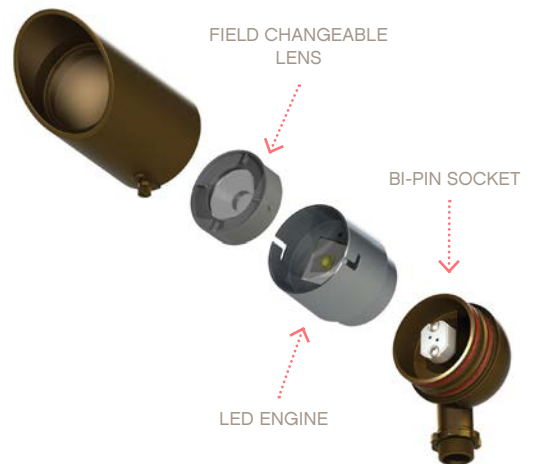
CUTTING EDGE MODULAR LED LIGHT ENGINE FOR TUNING EASE

- Fully integrated heat sink designed to fit the 1536 BZ and 1536 MZ fixtures.
- Exceptional thermal management spreads the heat from LED and driver into the fixture.
- An easy field upgrade to fit standard 1536 bi-pin socket.

Three lens options offer versatility in beam spread via an easy-to-remove and insert optic assembly.



00G2SE-20, 00G2SE-35,
00G2SE-50
CREE 3W, 5W & 8W LED



00G2FO-FLOOD
FLOOD SPREAD LENS



00G2FO-MEDIUM
MEDIUM SPREAD LENS



00G2FO-SPOT
SPOT LENS

LED MODULES DESIGNED FOR 1536 SERIES (CASE PACK 10)

ITEM	DESCRIPTION	CONSTRUCTION	DIAMETER	COLOR TEMP.	CRI	WATTS CONSUMED	VA	INCANDESCENT EQUIVALENCY	LIFESPAN
00G2SE-20	CREE 3 Watt LED	Cast Aluminum	2 1/8"	3000k	80	3w	3.2VA	20w	40,000
00G2SE-35	CREE 5 Watt LED	Cast Aluminum	2 1/8"	3000k	80	5w	5.3VA	35w	40,000
00G2SE-50	CREE 8 Watt LED	Cast Aluminum	2 1/8"	3000k	80	8w	8.8VA	50w	40,000

LED LENS DESIGNED FOR 00G2SE LED ENGINE (CASE PACK 10)

ITEM	DESCRIPTION	CONSTRUCTION	DIAMETER	HEIGHT	BEAM SPREAD
00G2FO-FLOOD	Flood Spread Lens (Black)	Composite	2 1/8"	5/8"	25°
00G2FO-MEDIUM	Medium Spread Lens (Gray)	Composite	2 1/8"	5/8"	40°
00G2FO-SPOT	Spot Lens (White)	Composite	2 1/8"	5/8"	60°



HIT THE SPOT : THE 1536 IS THE ONLY SPOT LIGHT YOU NEED WHEN PAIRED WITH OUR MODULAR INTEGRATED ENGINE INSERT

**1536 MZ**

HARDY ISLAND SPOT LIGHT
AVAILABLE IN: 3W, 5W, 8W
25°, 40°, 60°

**1536 BZ**

SPOT LIGHT
AVAILABLE IN: 3W, 5W, 8W
25°, 40°, 60°

HARDY ISLAND LED CAST BRASS SPOT LIGHTS: 12V

ITEM	NAME	LED ENGINE	LED WATTAGE	INCANDESCENT EQUIVALENCY	POWER SUPPLY REQUIREMENT	WIDTH/ HEIGHT	LENGTH	FINISH	CONSTRUCTION	GLASS LENS
1536MZ-3WLEDFL	60° LED Flood Light	00G2SE-20	3w	20w	3.2VA	2 1/2" Dia. (shroud) 3 1/4" H	5 3/4"	Matte Bronze	Cast Brass	Clear*
1536MZ-3WLEDM	40° LED Spot Light									
1536MZ-3WLEDSP	25° LED Spot Light									
1536MZ-5WLEDFL	60° LED Flood Light	00G2SE-35	5w	35w	5.3VA	2 1/2" Dia. (shroud) 3 1/4" H	5 3/4"	Matte Bronze	Cast Brass	Clear*
1536MZ-5WLEDM	40° LED Spot Light									
1536MZ-5WLEDSP	25° LED Spot Light									
1536MZ-8WLEDFL	60° LED Flood Light	00G2SE-50	8w	50w	8.8VA	2 1/2" Dia. (shroud) 3 1/4" H	5 3/4"	Matte Bronze	Cast Brass	Clear*
1536MZ-8WLEDM	40° LED Spot Light									
1536MZ-8WLEDSP	25° LED Spot Light									

*Optional performance lenses available, see page 57.

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.

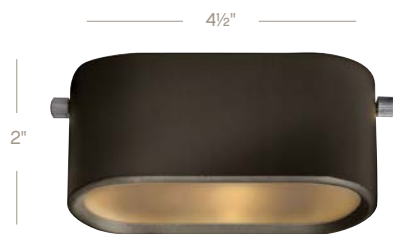
LED CAST ALUMINUM SPOT LIGHTS: 12V

ITEM	NAME	LED ENGINE	LED WATTAGE	INCANDESCENT EQUIVALENCY	POWER SUPPLY REQUIREMENT	WIDTH/ HEIGHT	LENGTH	FINISH	CONSTRUCTION	GLASS LENS
1536BZ-3WLEDFL	60° LED Flood Light	00G2SE-20	3w	20w	3.2VA	2 1/2" Dia. (shroud) 3 1/4" H	5 3/4"	Bronze	Cast Aluminum	Clear*
1536BZ-3WLEDM	40° LED Spot Light									
1536BZ-3WLEDSP	25° LED Spot Light									
1536BZ-5WLEDFL	60° LED Flood Light	00G2SE-35	5w	35w	5.3VA	2 1/2" Dia. (shroud) 3 1/4" H	5 3/4"	Bronze	Cast Aluminum	Clear*
1536BZ-5WLEDM	40° LED Spot Light									
1536BZ-5WLEDSP	25° LED Spot Light									
1536BZ-8WLEDFL	60° LED Flood Light	00G2SE-50	8w	50w	8.8VA	2 1/2" Dia. (shroud) 3 1/4" H	5 3/4"	Bronze	Cast Aluminum	Clear*
1536BZ-8WLEDM	40° LED Spot Light									
1536BZ-8WLEDSP	25° LED Spot Light									

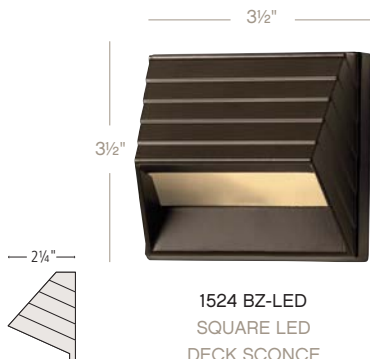
*Optional performance lenses available, see page 57.

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.

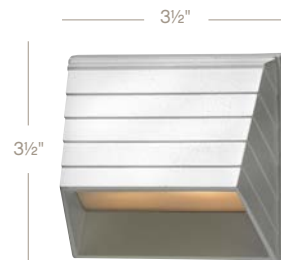
LED



1526 BZ-LED
LED UNDER BENCH LIGHT



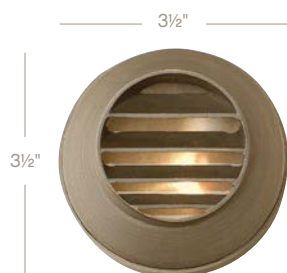
1524 BZ-LED
SQUARE LED
DECK SCONCE



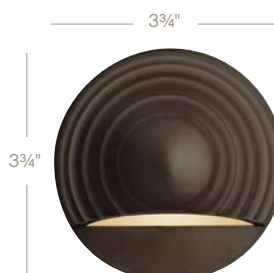
1524 MW-LED
SQUARE LED
DECK SCONCE



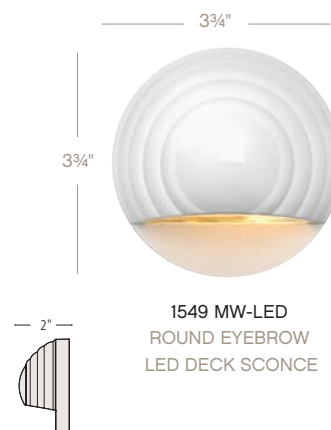
16801 MZ-LED
HARDY ISLAND ROUND
EYEBROW LED DECK SCONCE



16804 MZ-LED
HARDY ISLAND ROUND
LOUVERED LED DECK SCONCE



1549 BZ-LED
ROUND EYEBROW
LED DECK SCONCE



1549 MW-LED
ROUND EYEBROW
LED DECK SCONCE

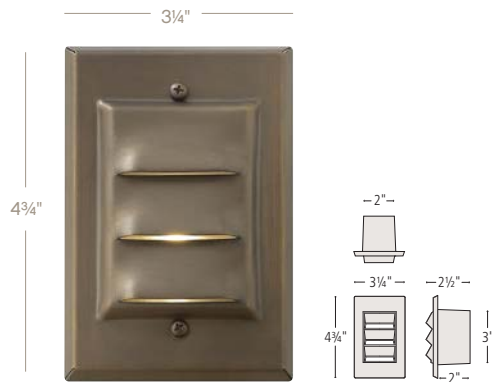
HARDYISLAND™

Constructed from solid cast brass in a weathered Matte Bronze finish, these heavy duty fixtures are designed to withstand the most extreme climates.

LED DECK LIGHTS: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	DEPTH	CONSTRUCTION	GLASS LENS	LED ENGINE	LED WATTAGE	INCANDESCENT EQUIVALENCY	POWER SUPPLY REQUIREMENT
1524 BZ-LED 1524 MW-LED	Square LED Deck Sconce	Bronze Matte White	3½"	3½"	2¼"	Cast Aluminum	Frosted	E5050LED	1.5w	12w	2.4VA
1526 BZ-LED	LED Under Bench Light	Bronze	4½"	2"	2"	Cast Aluminum	Frosted	E5050LED	1.5w	12w	2.4VA
1549 BZ-LED 1549 MW-LED	Round Eyebrow LED Deck Sconce	Bronze Matte White	3¾" Dia.	3¾"	2"	Cast Aluminum	Frosted	E5050LED	1.5w	12w	2.4VA
16801 MZ-LED	Round Eyebrow LED Deck Sconce	Matte Bronze	3½" Dia.	3½"	2"	Cast Brass	Frosted	E5050LED	1.5w	12w	2.4VA
16804 MZ-LED	Round Louvered LED Deck Sconce	Matte Bronze	3½" Dia.	3½"	2"	Cast Brass	Frosted	E5050LED	1.5w	12w	2.4VA

A wiring kit is supplied. For accessories, see page 57. For Transformers, see pages 58-59.



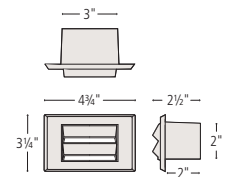
1542 MZ-LED
HARDY ISLAND VERTICAL
LED DECK LIGHT



1546 MZ-LED
HARDY ISLAND HORIZONTAL
LED DECK LIGHT



1546 BZ-LED
HORIZONTAL
LED DECK LIGHT



1542 BZ-LED
VERTICAL LED
DECK LIGHT



1546 CO-LED
COPPER HORIZONTAL
LED DECK LIGHT

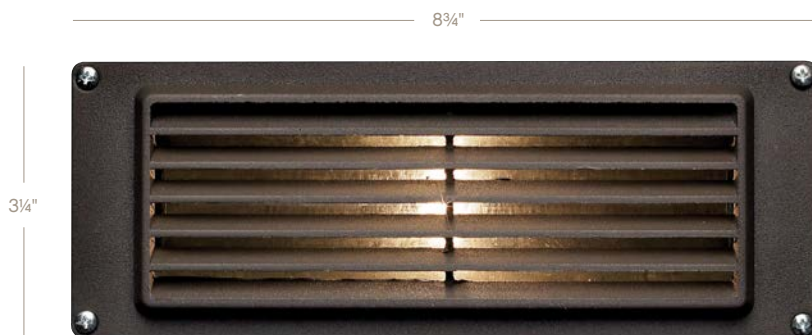


COASTAL SERIES
Constructed from copper and
brass, these sturdy fixtures
are designed for harsh
environments.

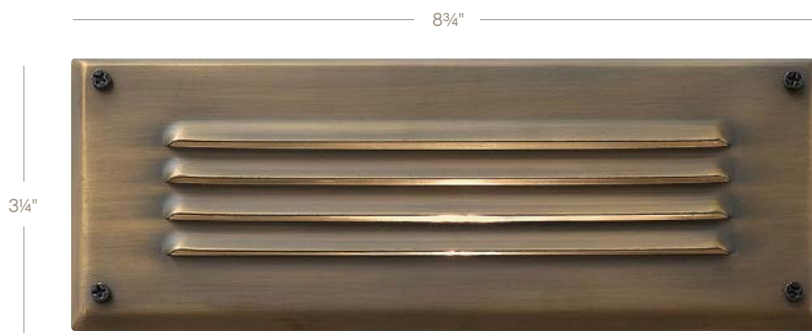
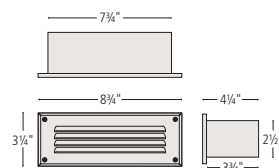
LED DECK LIGHTS: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	DEPTH	CONSTRUCTION	GLASS LENS	LED ENGINE	LED WATTAGE	INCANDESCENT EQUIVALENCY	POWER SUPPLY REQUIREMENT
1542 BZ-LED	Vertical LED Deck Light	Bronze	3" (face) 2" (housing)	4 3/4" (face) 3" (housing)	1/2" (face) 2" (housing)	Cast Aluminum	Frosted	E5050LED	1.5w	12w	2.4VA
1542 MZ-LED	Vertical LED Deck Light	Matte Bronze	3 1/4" (face) 2" (housing)	4 3/4" (face) 3" (housing)	1/2" (face) 2" (housing)	Aluminum Housing Cast Brass Faceplate	Frosted	E5050LED	1.5w	12w	2.4VA
1546 BZ-LED	Horizontal LED Deck Light	Bronze	4 3/4" (face) 3" (housing)	3" (face) 2" (housing)	1/2" (face) 2" (housing)	Cast Aluminum	Frosted	E5050LED	1.5w	12w	2.4VA
1546 CO-LED	Copper Horizontal LED Deck Light	Copper	4 3/4" (face) 3" (housing)	3 1/4" (face) 2" (housing)	1/2" (face) 2" (housing)	Aluminum Housing Solid Copper Faceplate	Frosted	E5050LED	1.5w	12w	2.4VA
1546 MZ-LED	Horizontal LED Deck Light	Matte Bronze	4 3/4" (face) 3" (housing)	3 1/4" (face) 2" (housing)	1/2" (face) 2" (housing)	Aluminum Housing Cast Brass Faceplate	Frosted	E5050LED	1.5w	12w	2.4VA

A wiring kit is supplied. For accessories, see page 57. For Transformers, see pages 58-59.



1594 BZ-LED
LOUVERED LED BRICK LIGHT



1594 MZ-LED
HARDY ISLAND
LOUVERED LED BRICK LIGHT



HARDYISLAND™

Constructed from solid cast brass in a weathered Matte Bronze finish, these heavy duty fixtures are designed to withstand the most extreme climates.

LED STEP & BRICK LIGHTS: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	DEPTH	CONSTRUCTION	GLASS LENS	LED ENGINE	LED WATTAGE	INCANDESCENT EQUIVALENCY	POWER SUPPLY REQUIREMENT
1594 BZ-LED	Louvered LED Brick Light	Bronze	8 3/4" (face) 7 3/4" (housing)	3 1/4" (face) 2 1/2" (housing)	1/2" (face) 3 3/4" (housing)	Galvanized Steel Housing Cast Aluminum Faceplate	Clear	NX3	3.8w	25w	5.7VA
1594 MZ-LED	Louvered LED Brick Light	Matte Bronze	8 3/4" (face) 7 3/4" (housing)	3 1/4" (face) 2 1/2" (housing)	1/2" (face) 3 3/4" (housing)	Galvanized Steel Housing Solid Brass Faceplate	Clear	NX3	3.8w	25w	5.7VA

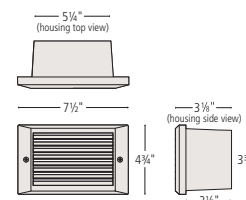
A wiring kit is supplied. For accessories, see page 57. For Transformers, see pages 58-59.



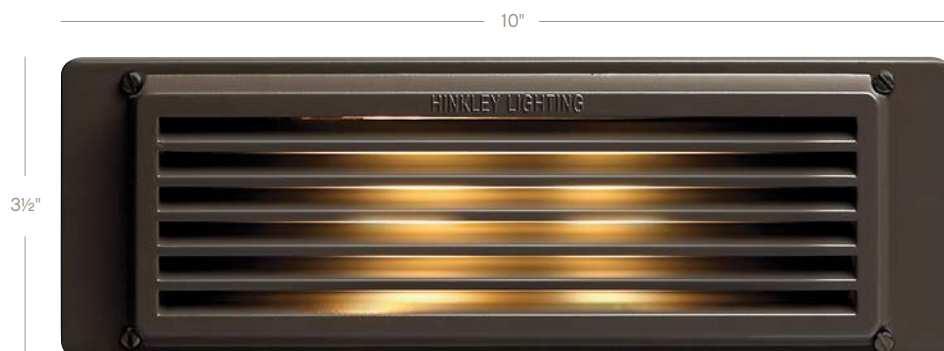
54000 BZ-LED30
120V 7W 30° LED SPOT LIGHT
54000 BZ-LED60
120V 7W 60° LED SPOT LIGHT



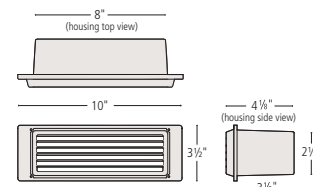
58015 BZ-LED
120V 2.0W LED STEP LIGHT



120V



59024 BZ-LED
120V 2.7W LED BRICK LIGHT



LED LANDSCAPE LIGHTING: 120V

ITEM	NAME	FINISH	WIDTH	HEIGHT	DEPTH	CONSTRUCTION	GLASS LENS	LED ENGINE	LED WATTAGE
54000 BZ-LED30	120v 30° LED Spot Light	Bronze	3 3/4" Dia. (shroud)	6 1/2"	8 3/4"	Cast Aluminum	Clear Tempered*	E0055LED	7w
54000 BZ-LED60	120v 60° LED Spot Light	Bronze	3 3/4" Dia. (shroud)	6 1/2"	8 3/4"	Cast Aluminum	Clear Tempered*	E0055LED	7w
58015 BZ-LED	120v LED Step Light	Bronze	7 1/2" (face) 5 1/4" (housing)	4 3/4" (face) 3 3/4" (housing)	5 1/8" (face) 2 1/2" (housing)	Cast Aluminum	Etched	NX3	6.0w
59024 BZ-LED	120v LED Brick Light	Bronze	10" (face) 8" (housing)	3 1/2" (face) 2 1/2" (housing)	1" (face) 3 1/8" (housing)	Cast Aluminum	Etched	NX3	6.0w

*Optional performance lenses available, see page 57.
A wiring kit is supplied. For 120v accessories, see page 72.

INTEGRATED
LED



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

LED 120V LUNA STEP LIGHT

120V

- Single or Double Gang Configuration
- Die-Cast Zinc Aluminum Alloy
- 4w Power Consumption
- Dimmable
- Indoor/Outdoor ETL Rated
- Fits Standard Gang Junction Box



58506 LA
4½" W, 4½" H

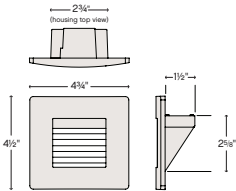


58506 SW
4½" W, 4½" H

DOUBLE GANG configuration



58506 TT
4½" W, 4½" H



58506 BZ
4½" W, 4½" H

LED LUNA STEP LIGHT: 120V

ITEM	NAME	FINISH	WIDTH	HEIGHT	DEPTH	CONSTRUCTION	LED ENGINE	LED WATTAGE
58506 BZ	120V Luna Step Light	Bronze	4½" (face)	4½" (face)	¾" (face)	Aluminum	LS-20	4w
58506 LA		Light Almond	2¾" (housing)	2⅝" (housing)	1½" (housing)			
58506 SW		Satin White						
58506 TT		Titanium						

For 120v accessories, see page 72.



120V



58504 TT
3" W, 4½" H



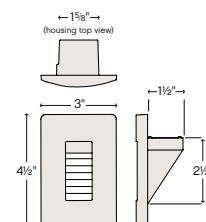
58504 LA
3" W, 4½" H



58504 SW
3" W, 4½" H



58504 BZ
3" W, 4½" H



SINGLE GANG configuration



58508 SW
4½" W, 3" H



58508 LA
4½" W, 3" H

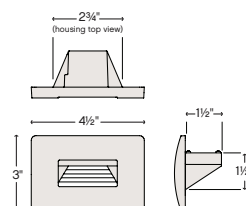
Luna Step Lights 58504 and 58508 are compatible with any decorator style faceplate.



58508 BZ
4½" W, 3" H



58508 TT
4½" W, 3" H




LED LUNA STEP LIGHT: 120V

ITEM	NAME	FINISH	WIDTH	HEIGHT	DEPTH	CONSTRUCTION	LED ENGINE	LED WATTAGE
58504 BZ	120V Luna Step Light	Bronze	3" (face)	4½" (face)	¾" (face)	Aluminum	LS-20	4w
58504 LA		Light Almond	1⅝" (housing)	2½" (housing)	1½" (housing)			
58504 SW		Satin White						
58504 TT		Titanium						
58508 BZ	120V Luna Step Light	Bronze	4½" (face)	3" (face)	¾" (face)	Aluminum	LS-20	4w
58508 LA		Light Almond	2¾" (housing)	1½" (housing)	1½" (housing)			
58508 SW		Satin White						
58508 TT		Titanium						

For 120v accessories, see page 72.

NEXUS 12V

THIS CLEAN, CONTEMPORARY ENERGY SAVING SYSTEM UTILIZES THE LATEST LED TECHNOLOGY TO COMPLETE ALL OF YOUR LANDSCAPE LIGHTING NEEDS WHILE COMPLEMENTING YOUR CAREFULLY DESIGNED RESIDENTIAL AND COMMERCIAL LIGHTING INSTALLATIONS.



COMPATIBLE WITH ANY 12VAC LANDSCAPE TRANSFORMER
9VAC-15VAC OR VDC INPUT RANGE
VARIETY OF ASSEMBLY OPTIONS IN 3", 6", 12", 18" AND 24" STEMS
FLEXIBLE PERFORMANCE CAPABILITIES: LINEAR HEAD ROTATES 360°
ENERGY EFFICIENT: USES 75% LESS ENERGY THAN INCANDESCENT
DIMMABLE WITH MAGNETIC STYLE DIMMER CONTROL
3000K COLOR TEMPERATURE
LONG LIFE = 40,000 HOURS

ALL NEXUS FIXTURES ARE **DIMMABLE**

LINEAR HEAD ROTATES 360° FOR
PRECISE ADJUSTMENTS

LED

ITEM	15476 BZ
NAME	LARGE T-CONNECTOR
FINISH	BRONZE
WIDTH	32"
HEIGHT	2½"
TUBE DIAMETER	1"
CONSTRUCTION	ALUMINUM
LENS	POLYCARBONATE
LED WATTAGE	(2) 8.5W LED
VA	24.8
LUMENS	920
INCANDESCENT EQUIVALENCY	75w

LARGE T-CONNECTOR
15476 BZ

SHOWN WITH 18" STEM

THE T-CONNECTOR



ITEM	15472 BZ
NAME	SMALL T-CONNECTOR
FINISH	BRONZE
WIDTH	19½"
HEIGHT	2½"
TUBE DIAMETER	1"
CONSTRUCTION	ALUMINUM
LENS	POLYCARBONATE
LED WATTAGE	(2) 4.5W LED
VA	13.6
LUMENS	470
INCANDESCENT EQUIVALENCY	50w

SMALL T-CONNECTOR
15472 BZ

SHOWN WITH 6" STEM

3", 6", 12" 18" and 24" STEMS ARE
AVAILABLE TO ACHIEVE ALMOST
ANY LIGHTING APPLICATION.

SEE PAGE 33.

A wiring kit and ground spike is supplied.
For additional accessories, see page 57.

ALL NEXUS FIXTURES ARE **DIMMABLE****LED**LINEAR HEAD ROTATES
360° FOR PRECISE
ADJUSTMENTS

180° SWIVELING HEAD

SMALL SWIVEL
15479 BZ

ITEM	15479 BZ
NAME	SMALL SWIVEL
FINISH	BRONZE
WIDTH	1", 9 $\frac{3}{4}$ " MAX.
HEIGHT	2 $\frac{1}{4}$ ", 11 $\frac{3}{4}$ " MAX.
TUBE DIAMETER	1"
CONSTRUCTION	ALUMINUM
LENS	POLYCARBONATE
LED WATTAGE	(1) 4.5W LED
VA	6.8
LUMENS	235
INCANDESCENT EQUIVALENCY	20w

THE SWIVEL

LARGE SWIVEL
15483 BZ

ITEM	15483 BZ
NAME	LARGE SWIVEL
FINISH	BRONZE
WIDTH	1", 15 $\frac{3}{4}$ " MAX.
HEIGHT	2 $\frac{1}{4}$ ", 17 $\frac{3}{4}$ " MAX.
TUBE DIAMETER	1"
CONSTRUCTION	ALUMINUM
LENS	POLYCARBONATE
LED WATTAGE	(1) 8.5W LED
VA	12.4
LUMENS	460
INCANDESCENT EQUIVALENCY	35w

3", 6", 12" 18" and 24" STEMS ARE
AVAILABLE TO ACHIEVE ALMOST
ANY LIGHTING APPLICATION.

SEE PAGE 33.

A wiring kit and ground spike is supplied.
For additional accessories, see page 57.

ALL NEXUS FIXTURES ARE **DIMMABLE****LED****LARGE PATH LIGHT
15475 BZ**

INCLUDES 24" STEM

LINEAR HEAD ROTATES 360° FOR
PRECISE ADJUSTMENTS

ITEM	15471 BZ
NAME	SMALL PATH LIGHT
FINISH	BRONZE
WIDTH	14½"
HEIGHT	7"
TUBE DIAMETER	1"
CONSTRUCTION	ALUMINUM
LENS	POLYCARBONATE
LED WATTAGE	(1) 4.5W LED
VA	6.8
LUMENS	235
INCANDESCENT EQUIVALENCY	20w

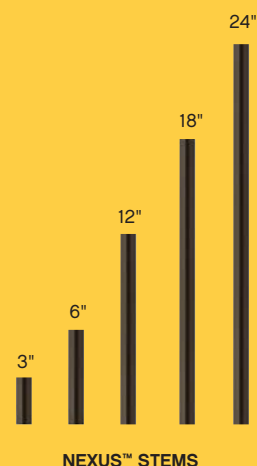
**SMALL PATH LIGHT
15471 BZ**

INCLUDES 18" STEM

THE PATH LIGHT

ITEM	15475 BZ
NAME	LARGE PATH LIGHT
FINISH	BRONZE
WIDTH	19½"
HEIGHT	7"
TUBE DIAMETER	1"
CONSTRUCTION	ALUMINUM
LENS	POLYCARBONATE
LED WATTAGE	(1) 8.5W LED
VA	12.4
LUMENS	460
INCANDESCENT EQUIVALENCY	35w

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

**NEXUS™ STEMS**

A wiring kit and ground spike is supplied.
 For additional accessories, see page 57.

ALL NEXUS FIXTURES ARE **DIMMABLE**LINEAR HEAD ROTATES 360° FOR
PRECISE ADJUSTMENTS**LED****LARGE HARDSCAPE
DECK LIGHT
15442 BZ****REMOVABLE
MOUNTING PLATE**

ITEM	15442 BZ, 15442 SW
NAME	LARGE HARDSCAPE DECK LIGHT
FINISH	BRONZE, SATIN WHITE
WIDTH	15½"
HEIGHT	1⅜"
BRACKET DEPTH	3½"
CONSTRUCTION	ALUMINUM
LENS	POLYCARBONATE
LED WATTAGE	(1) 8.5W LED
LUMENS	460
INCANDESCENT EQUIVALENCY	35W

THE HARDSCAPE LIGHT

**SMALL HARDSCAPE
DECK LIGHT
15440 SW**

ITEM	15440 BZ, 15440 SW
NAME	SMALL HARDSCAPE DECK LIGHT
FINISH	BRONZE, SATIN WHITE
WIDTH	9½"
HEIGHT	1⅜"
BRACKET DEPTH	3½"
CONSTRUCTION	ALUMINUM
LENS	POLYCARBONATE
LED WATTAGE	(1) 4.5W LED
LUMENS	235
INCANDESCENT EQUIVALENCY	20W

**REMOVABLE
MOUNTING PLATE**

A wiring kit and ground spike is supplied.
For additional accessories, see page 57.

ITEM	15450 BZ, 15450 SW	15452 BZ, 15452 SW
NAME	SMALL T SIGN LIGHT KIT	LARGE T SIGN LIGHT KIT
FINISH	BRONZE, SATIN WHITE	BRONZE, SATIN WHITE
WIDTH	19½"	31½"
HEIGHT	5"	5"
TUBE DIAMETER	1"	1"
CONSTRUCTION	ALUMINUM	ALUMINUM
LENS	POLYCARBONATE	POLYCARBONATE
LED WATTAGE	(2) 4.5W LED	(2) 8.5W LED
LUMENS	470	920
INCANDESCENT EQUIVALENCY	50W	75W

ALL NEXUS FIXTURES ARE **DIMMABLE**SMALL T
SIGN LIGHT KIT
15450 SW**LED**
120VLINEAR HEAD ROTATES 360° FOR
PRECISE ADJUSTMENTSLARGE T
SIGN LIGHT KIT
15452 BZTHE
KIT+ ELECTRONIC TRANSFORMER + JUNCTION BOX COVER
+ LIGHT ENGINE + 3" & 6" STEMSSMALL SWIVEL
SIGN LIGHT KIT
15456 BZ

THE SIGN LIGHT

ITEM	15456 BZ	15458 BZ
NAME	SMALL SWIVEL SIGN LIGHT KIT	LARGE SWIVEL SIGN LIGHT KIT
FINISH	BRONZE	BRONZE
WIDTH	10½"	16½"
HEIGHT	5"	5"
TUBE DIAMETER	1"	1"
CONSTRUCTION	ALUMINUM	ALUMINUM
LENS	POLYCARBONATE	POLYCARBONATE
LED WATTAGE	(1) 4.5W LED	(1) 8.5W LED
LUMENS	235	460
INCANDESCENT EQUIVALENCY	20W	35W



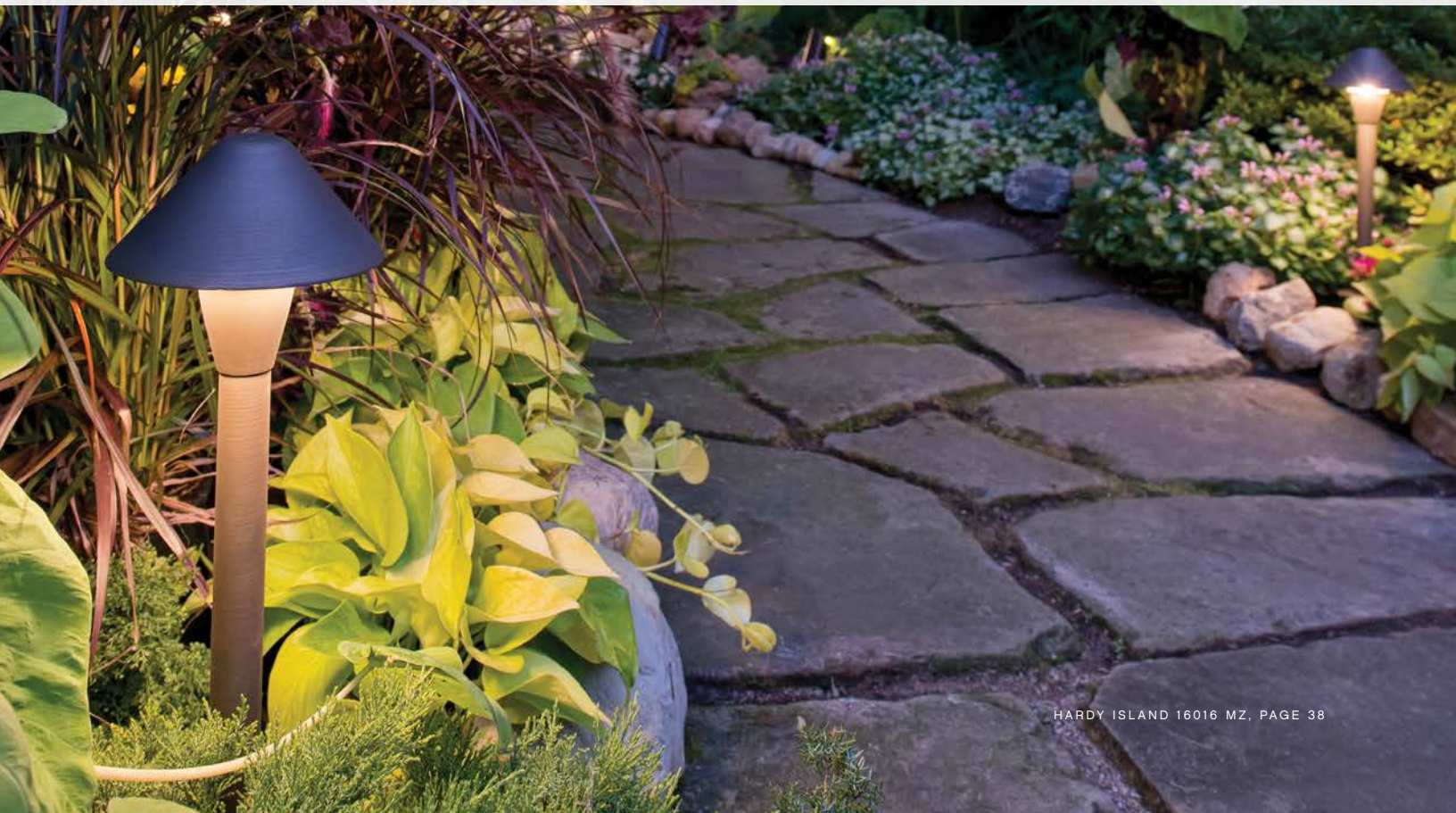
ROTATES 360°

LARGE SWIVEL
SIGN LIGHT KIT
15458 BZ



HARDY ISLAND

THIS HEAVY DUTY SOLID CAST BRASS COLLECTION IS A STRIKING COLLABORATION OF FORM AND FUNCTION. NAMED FOR THE RUGGEDLY BEAUTIFUL ISLAND OFF THE COAST OF BRITISH COLUMBIA THAT BEARS ITS NAME, HARDY ISLAND™ IS DESIGNED TO WITHSTAND THE HARSHTEST ENVIRONMENTS IN STYLE. HARDY ISLAND™ OFFERS FULLY ENCLOSED LAMPS, FEATURES A WEATHERED BRASS FINISH THAT WILL MATURE NATURALLY OVER TIME AND IS BACKED BY AN EXTENDED WARRANTY.





HARDY ISLAND CAST BRASS PATH LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
16001 MZ	Lg. Traditional Path Light	Matte Bronze	7"	23½"	Cast Brass	Frosted Glass Dome	T3 (20w)	00T3-LED
16004 MZ	Sm. Traditional Path Light	Matte Bronze	7"	15½"	Cast Brass	Frosted Glass Dome	T3 (20w)	00T3-LED
16007 MZ	Lg. Hammered Path Light	Matte Bronze	6¾"	23½"	Cast Brass	Frosted Glass Dome	T3 (20w)	00T3-LED
16010 MZ	Sm. Hammered Path Light	Matte Bronze	6¾"	15½"	Cast Brass	Frosted Glass Dome	T3 (20w)	00T3-LED

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



HARDY ISLAND CAST BRASS PATH LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS OR LENS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
16016 MZ	Mini Classic Path Light	Matte Bronze	5 1/4"	15 1/2"	Cast Brass	Frosted Glass Dome	T3 (20w)	00T3-LED
16019 MZ	Lg. Classic Path Light	Matte Bronze	8"	24"	Cast Brass	Frosted Glass Dome	T3 (20w)	00T3-LED
16022 MZ	Sm. Classic Path Light	Matte Bronze	8"	16"	Cast Brass	Frosted Glass Dome	T3 (20w)	00T3-LED
16050 MZ	Sm. Standard Path Light	Matte Bronze	4 1/2"	15"	Cast Brass	Frosted Acrylic Lens	T3 (20w)	00T3-LED
16055 MZ	Lg. Standard Path Light	Matte Bronze	6 1/2"	22"	Cast Brass	Frosted Acrylic Lens	T3 (20w)	00T3-LED

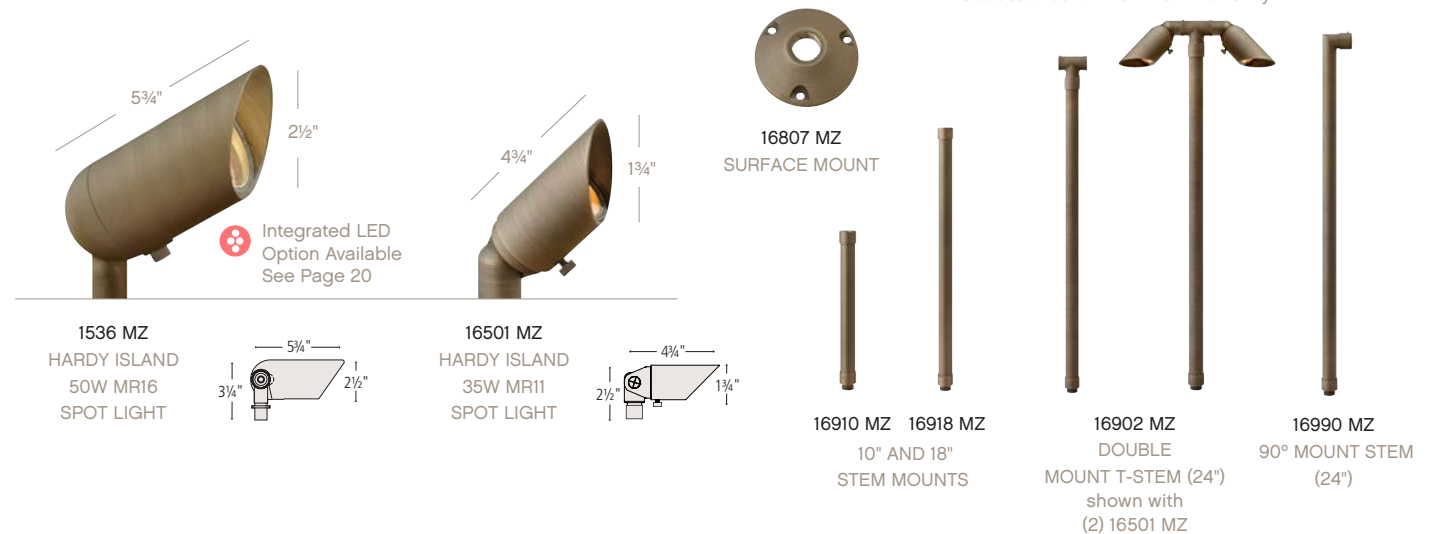
A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.

HARDY ISLAND SPOT LIGHTS & ACCESSORIES



SPOT LIGHT ACCESSORIES

Combine Hardy Island™ spot lights with stem accessories for maximum flexibility.



HARDY ISLAND CAST BRASS SPOT LIGHTS: 12V

ITEM	NAME	FINISH	WIDTH/DIA	HEIGHT	LENGTH	CONSTRUCTION	GLASS LENS	LAMP Not Included	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1536 MZ	50w MR16 Spot Light	Matte Bronze	2 1/2" Dia.	3 1/4"	5 3/4"	Cast Brass	Clear*	MR16 Up to 50w	0016NF-LED, 0016SP-LED, 0016WF-LED
16501 MZ	35w MR11 Spot Light	Matte Bronze	1 3/4" Dia.	2 1/2"	4 3/4"	Cast Brass	Clear Tempered	MR11 Up to 35w	
16504 MZ	MR16 Spot Light	Matte Bronze	4" Dia.	6"	8 3/4"	Cast Brass	Clear Tempered	MR16 Up to 75w	0016NF-LED, 0016SP-LED, 0016WF-LED
16571 MZ	Sm. Wall Wash Spot Light	Matte Bronze	2 1/2" Dia.	4 1/2"	2 3/4"	Cast Brass	Frosted	T4 Up to 35w	00T3-LED
16574 MZ	Lg. Wall Wash Spot Light	Matte Bronze	4" Dia.	6 1/4"	5 3/4"	Cast Brass	Frosted	T4 Up to 50w	
16807 MZ	Surface Mount	Matte Bronze	2 3/4" Dia.	1 1/4"		Cast Brass			
16902 MZ	Double Mount T-Stem	Matte Bronze	1" Dia.	24 3/4"		Cast Brass			
16910 MZ	10" Stem Mount	Matte Bronze	1" Dia.	10"		Cast Brass			
16918 MZ	18" Stem Mount	Matte Bronze	1" Dia.	18"		Cast Brass			
16990 MZ	90° Mount Stem	Matte Bronze	1" Dia.	24 3/4"		Cast Brass			

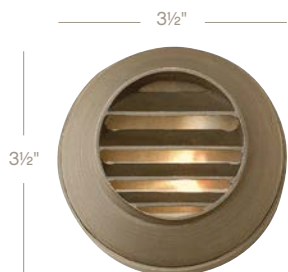
*Optional lenses available, see page 57.

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



16801 MZ
HARDY ISLAND
ROUND EYEBROW
DECK SCONCE

Integrated LED
Option Available
See Page 24



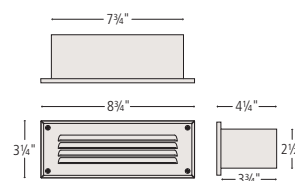
16804 MZ
HARDY ISLAND
ROUND LOUVERED
DECK SCONCE

Integrated LED
Option Available
See Page 24



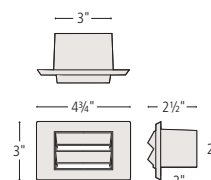
1594 MZ
HARDY ISLAND
LOUVERED LED
BRICK LIGHT

Integrated LED
Option Available
See Page 26



1546 MZ
HARDY ISLAND
HORIZONTAL
DECK LIGHT

Integrated LED
Option Available
See Page 25



HARDY ISLAND CAST BRASS DECK & STEP LIGHTS: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	DEPTH	CONSTRUCTION	GLASS LENS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60	
									Not Included	
1546 MZ	Horizontal Deck Light	Matte Bronze	4 3/4" (face) 3" (housing)	3 1/4" (face) 2" (housing)	1/2" (face) 2" (housing)	Cast Aluminum Housing Cast Brass Faceplate	Frosted	912 (12w)	00T5-LED	
1594 MZ	Louvered Brick Light	Matte Bronze	8 3/4" (face) 7 3/4" (housing)	3 1/4" (face) 2 1/2" (housing)	1/2" (face) 3 3/4" (housing)	Galvanized Steel Housing Cast Brass Faceplate	Clear	912 (12w)	00T5-LED	
16801 MZ	Round Eyebrow Deck Sconce	Matte Bronze	3 1/2" Dia.	3 1/2"	2"	Cast Aluminum Housing Cast Brass Faceplate	Frosted	T3 (20w)		
16804 MZ	Round Louvered Deck Sconce	Matte Bronze	3 1/2" Dia.	3 1/2"	2"	Cast Aluminum Housing Cast Brass Faceplate	Frosted	T3 (20w)		

A wiring kit is supplied. For accessories, see page 57. For Transformers, see pages 58-59.

HARDY ISLAND WELL LIGHTS



16701 MZ
HARDY ISLAND
FLAT TOP WELL LIGHT



16704 MZ
HARDY ISLAND
GRILL TOP WELL LIGHT



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



16710 MZ
HARDY ISLAND
DIRECTIONAL WELL LIGHT



16707 MZ
HARDY ISLAND
EYEBROW WELL LIGHT



Well lights can be fitted
with Hinkley's bi-pin LED
bulbs, see page 60.

HARDY ISLAND CAST WELL LIGHTS: 12V

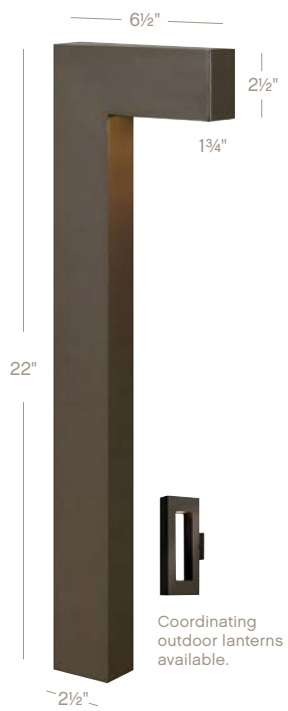
ITEM	NAME	FINISH	WIDTH/DIA	HEIGHT	CONSTRUCTION	GLASS LENS	LAMP Not Included	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
16701 MZ	Flat Top Well Light	Matte Bronze	3 3/4" Dia.	3 3/4"	Cast Brass	Clear Tempered	MR16 Up to 20w	0016NF-LED, 0016SP-LED, 0016WF-LED
16704 MZ	Grill Top Well Light	Matte Bronze	3 3/4" Dia.	4"	Cast Brass	Clear Tempered	MR16 Up to 20w	0016NF-LED, 0016SP-LED, 0016WF-LED
16707 MZ	Eyebrow Well Light	Matte Bronze	3 3/4" Dia.	4 3/4"	Cast Brass	Frosted Tempered	MR16 or T3 Up to 20w	00T3-LED
16710 MZ	Directional Well Light	Matte Bronze	3 3/4" Dia.	4 1/4"	Cast Brass	Clear Tempered	MR16 or T3 Up to 20w	00T3-LED

A wiring kit is supplied. For accessories, see page 57. For Transformers, see pages 58-59.

12V LANDSCAPE LIGHTING

CONSIDER ALL ASPECTS OF YOUR EXTERIOR WHEN DESIGNING A LIGHTING PLAN. WHEN DONE RIGHT, YOUR LANDSCAPE LIGHTING WILL COMBINE FORM AND FUNCTION, MAKING YOUR HOME SAFER AND MORE BEAUTIFUL. FOUR IMPORTANT AREAS TO CONSIDER INCLUDE PATH, DECK, ACCENT AND STEP & BRICK. HINKLEY HAS A BOUNTY OF OPTIONS TO ACHIEVE ANY APPLICATION.






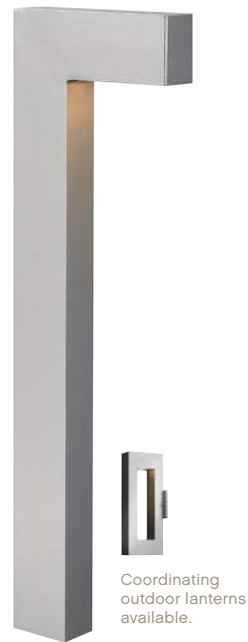
1518 BZ
ATLANTIS™


Integrated LED
Option Available
See Page 15




1518 HE
ATLANTIS™


Integrated LED
Option Available
See Page 15



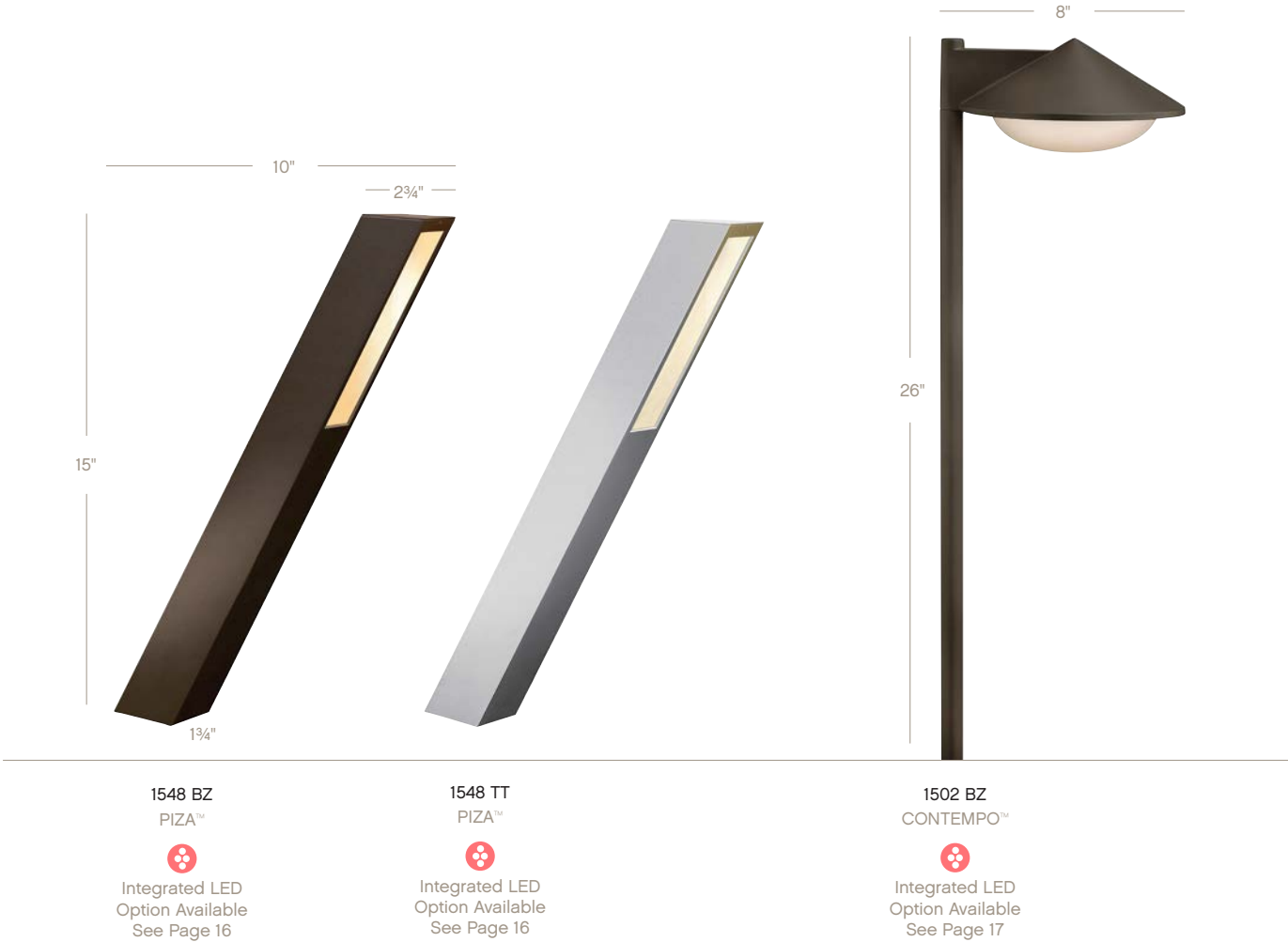
1518 TT
ATLANTIS™


Integrated LED
Option Available
See Page 15

PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS LENS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60
								Not Included
1518 BZ	Atlantis	Bronze	6 1/2" (side) 1 3/4" (face)	22" 2 1/2" (face)	Aluminum	Etched	T3 (20w)	00T3-LED
1518 HE	Atlantis	Hematite	6 1/2" (side) 1 3/4" (face)	22" 2 1/2" (face)	Aluminum	Etched	T3 (20w)	00T3-LED
1518 TT	Atlantis	Titanium	6 1/2" (side) 1 3/4" (face)	22" 2 1/2" (face)	Aluminum	Etched	T3 (20w)	00T3-LED

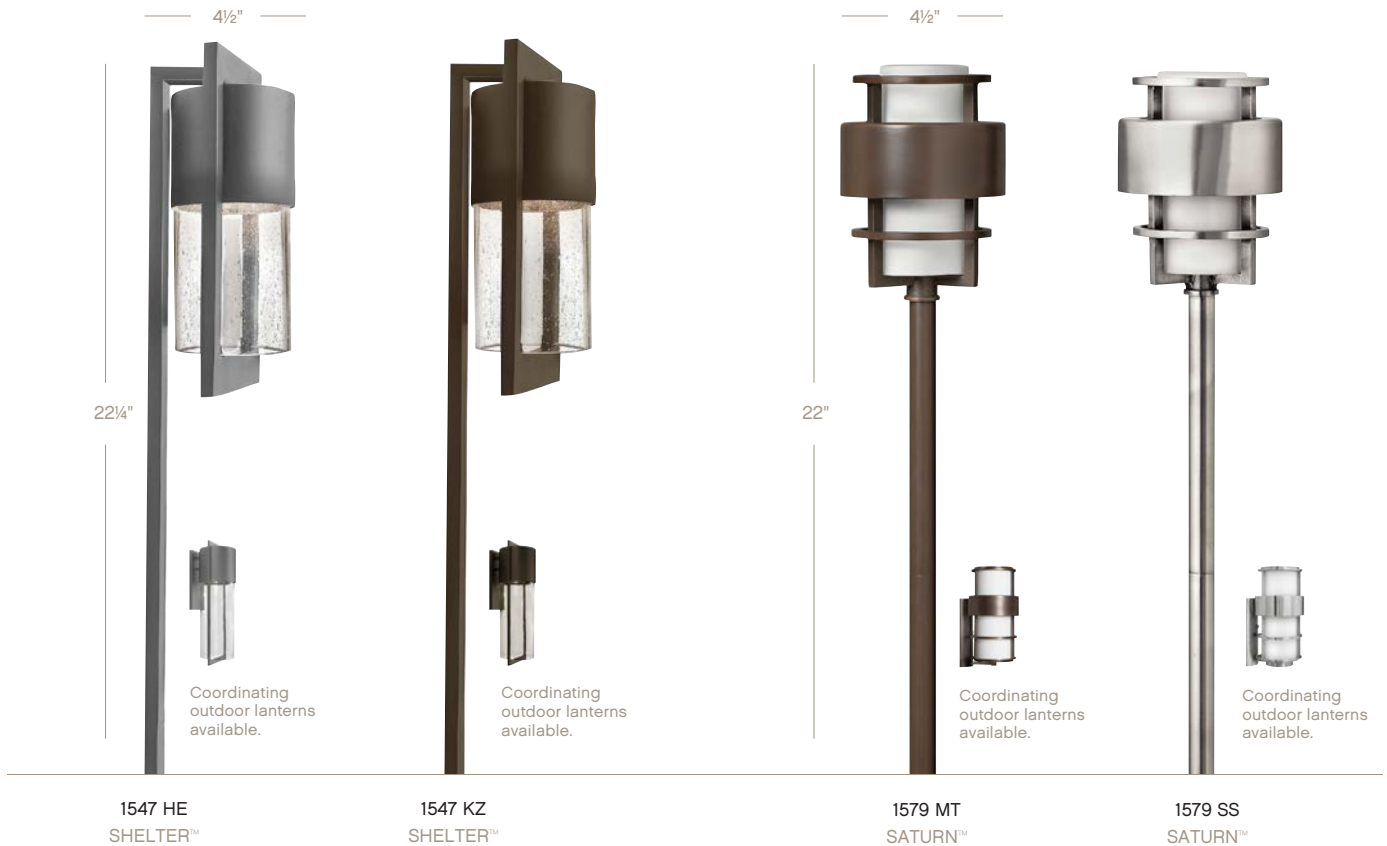
A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS OR LENS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1548 BZ	Piza	Bronze	2¾" (side) 1¾" (face) 10" (total ext.)	15"	Aluminum	Etched Glass Lens	921 (18w)	00T3-LED
1548 TT	Piza	Titanium	2¾" (side) 1¾" (face) 10" (total ext.)	15"	Aluminum	Etched Glass Lens	921 (18w)	00T3-LED
1502 BZ	Contempo	Bronze	8"	26"	Cast Aluminum	Etched Opal Glass	921 (18w)	00T5-LED

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1547 HE	Shelter	Hematite	4 1/2"	22 1/4"	Aluminum	Clear Seedy	921 (18w)	00T5-LED
1547 KZ	Shelter	Buckeye Bronze	4 1/2"	22 1/4"	Aluminum	Clear Seedy	921 (18w)	00T5-LED
1579 MT	Saturn	Metro Bronze	4 1/2"	22"	Solid Brass	Etched Opal	921 (18w)	00T5-LED
1579 SS	Saturn	Stainless Steel	4 1/2"	22"	Solid Brass	Etched Opal	921 (18w)	00T5-LED

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.

PATH & AREA LIGHTING



PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1560 AR	Harbor	Anchor Bronze	7"	24"	Aluminum	Etched Amber Bound Seedy	921 (18w)	00T5-LED
1561 AR	Harbor	Anchor Bronze	7 1/2"	21"	Aluminum	Etched	921 (18w)	00T5-LED
1561 SK	Harbor	Satin Black	7 1/2"	21"	Aluminum	Etched	921 (18w)	00T5-LED
1561 TT	Harbor	Titanium	7 1/2"	21"	Aluminum	Etched	921 (18w)	00T5-LED

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1508 CB	Ivy	Copper Bronze	8"	26"	Solid Brass	Light Amber*	921 (18w)	00T5-LED
1516 MR	Ledgewood	Museum Bronze	5"	22"	Cast Aluminum	Champagne Inside Etched	921 (18w)	00T5-LED
1554 SZ	Aspen	Sienna Bronze	9½"	22"	Solid Brass	Honey Art	921 (18w)	00T5-LED
1568 RB	Squirrel	Regency Bronze	6½"	22"	Solid Brass	Champagne Marble	921 (18w)	00T5-LED

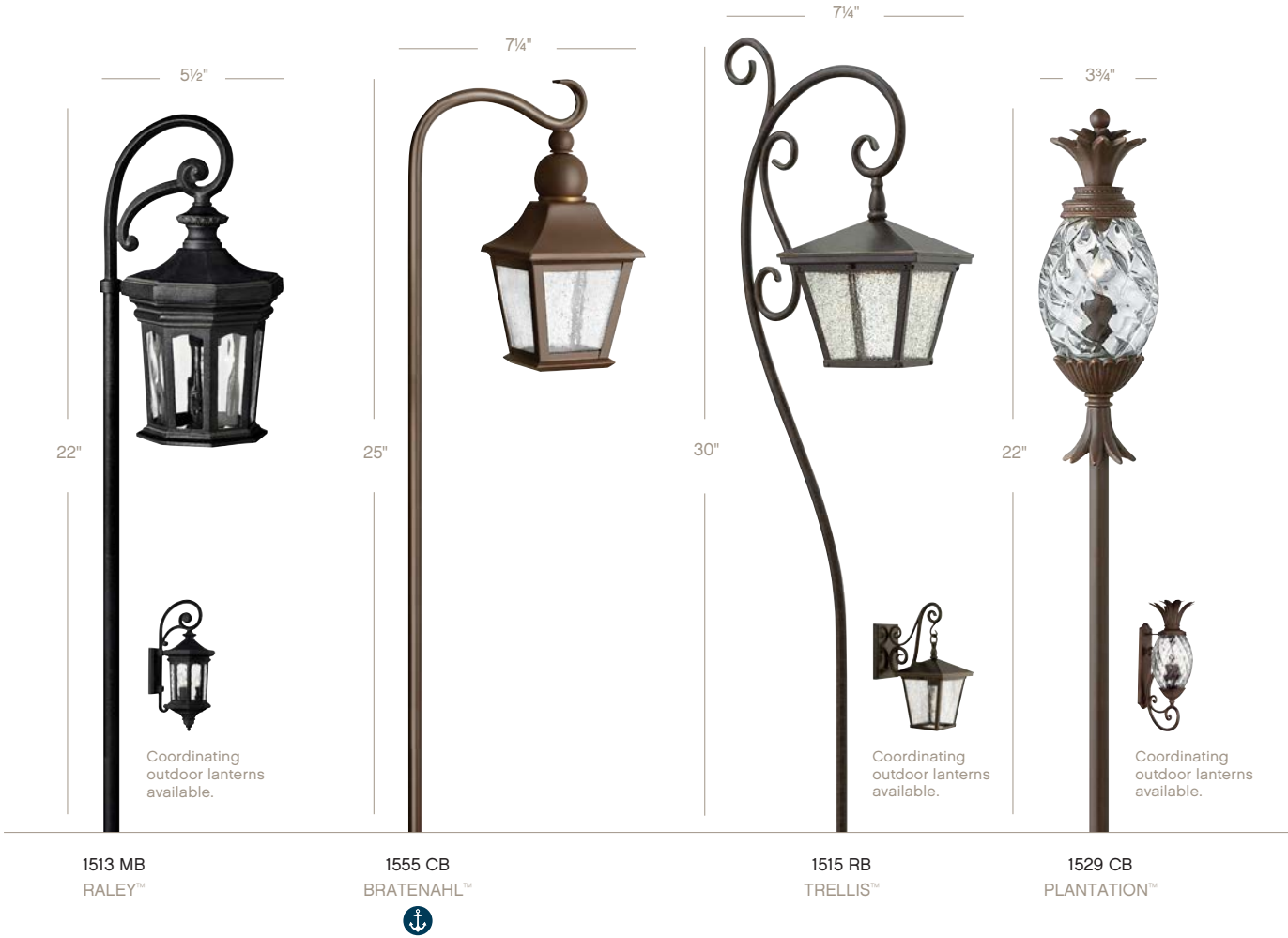
*Equipped with lamp shield.

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



COASTAL SERIES

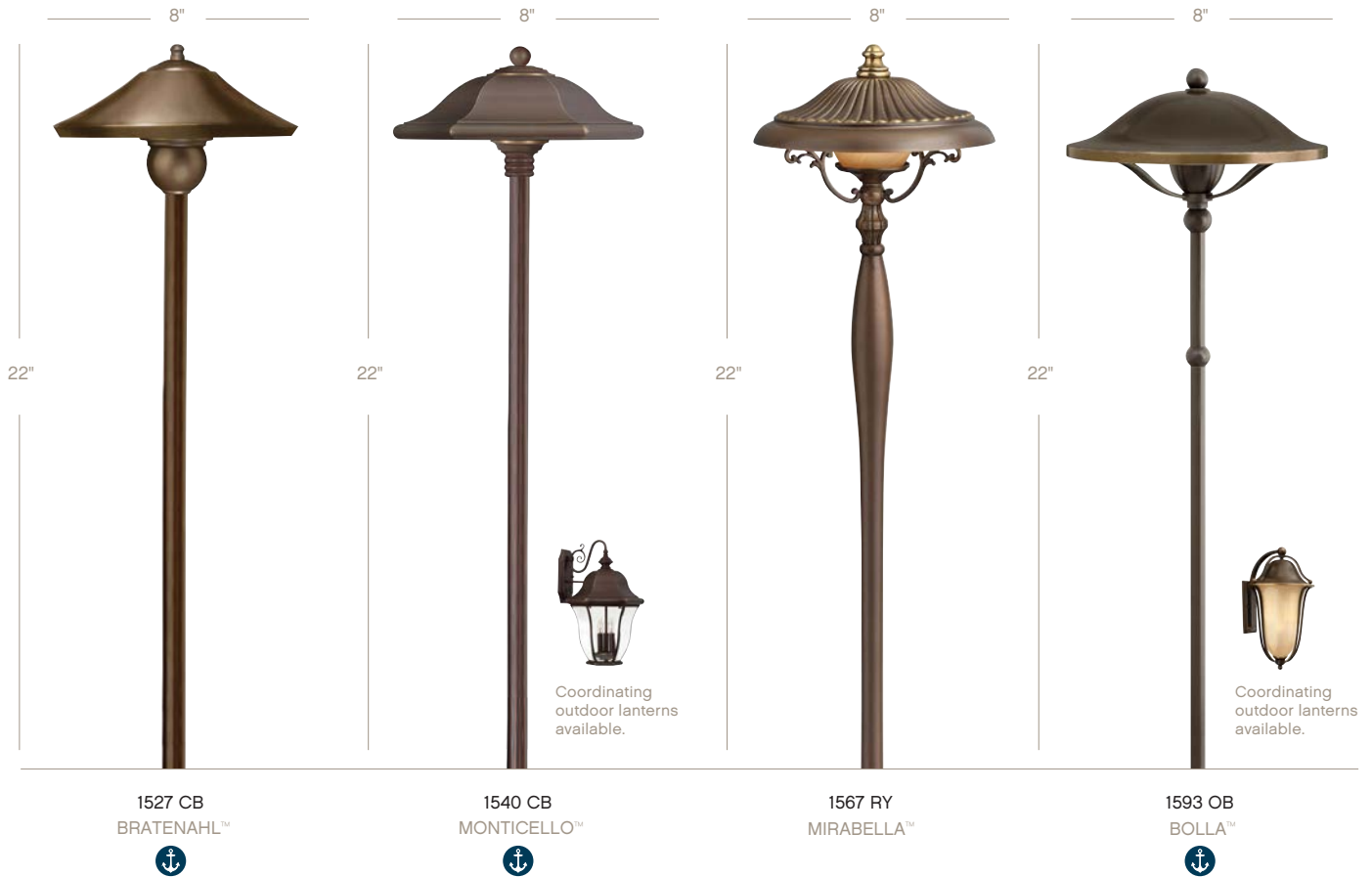
Constructed from copper and brass, these sturdy fixtures are designed for harsh environments.



PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1513 MB	Raley	Museum Black	5½"	22"	Cast Aluminum	Clear Waterglass	921 (18w)	00T5-LED
1515 RB	Trellis	Regency Bronze	7¼"	30"	Cast Aluminum	Clear Seedy	921 (18w)	00T5-LED
1529 CB	Plantation	Copper Bronze	3¾"	22"	Cast Brass	Clear Optic	921 (18w)	00T5-LED
1555 CB	Bratenahl	Copper Bronze	7¼"	25"	Solid Brass	Clear Seedy	921 (18w)	00T5-LED

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1527 CB	Bratenahl	Copper Bronze	8"	22"	Solid Brass	Etched Shield*	921 (18w)	00T5-LED
1540 CB	Monticello	Copper Bronze	8"	22"	Solid Brass	Etched Shield*	921 (18w)	00T5-LED
1567 RY	Mirabella	Royal Bronze	8"	22"	Brass & Aluminum	Light Amber Nuage*	921 (18w)	00T5-LED
1593 OB	Bolla	Olde Bronze	8"	22"	Solid Brass	Etched Shield*	921 (18w)	00T5-LED

*Equipped with lamp shield.

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



COASTAL SERIES

Constructed from copper and brass, these sturdy fixtures are designed for harsh environments.



PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS OR LENS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1403 OC	Essence Hammered	Old Copper	6"	16¾"	Solid Copper		921 (18w)	00T5-LED
1544 BK	Ellipse	Black	5¾"	14½", 20½" Max.*	Cast Aluminum		912 (12w)	00T5-LED
1544 SC	Ellipse	Southern Clay	5¾"	14½", 20½" Max.*	Cast Aluminum		912 (12w)	00T5-LED
1552 SZ	Palm	Sienna Bronze	6¾"	22"	Copper & Brass		921 (18w)	00T5-LED

*Measurement references maximum achievable height with stems included (1-6" and 1-12"). Additional stems and couplers are available, see page 57. A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



PATH & AREA LIGHTING: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS LENS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1558 BK	Shell	Black	6"	15½", 21½" Max.*	Cast Aluminum	Frosted	912 (12w)	00T5-LED
1558 SC	Shell	Southern Clay	6"	15½", 21½" Max.*	Cast Aluminum	Frosted	912 (12w)	00T5-LED
1573 BK	Saucer	Black	8"	15½", 21½" Max.*	Cast Aluminum		912 (12w)	00T5-LED
1573 SC	Saucer	Southern Clay	8"	15½", 21½" Max.*	Cast Aluminum		912 (12w)	00T5-LED

*Measurement references maximum achievable height with stems included (1-6" and 1-12").
 Additional stems and couplers are available, see page 57. A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied.
 For additional accessories, see page 57. For Transformers, see pages 58-59.

ACCENT LIGHTING



1530 BZ
20W MR11 SPOT LIGHT



1536 BZ
50W MR16 SPOT LIGHT

Integrated LED
Option Available
See Page 21



1536 MZ
HARDY ISLAND
50W MR16 SPOT LIGHT

Integrated LED
Option Available
See Page 20



1536 BZ-DN
50W MR16 DOWN LIGHT
(Includes Hex Louver for
down light use only)

Lens View



1583 NC
50W MR16 COPPER SPOT LIGHT



HARDYISLAND™
Constructed from solid cast brass
in a weathered Matte Bronze finish,
these heavy duty fixtures are
designed to withstand the most
extreme climates.

ACCENT LIGHTING: 12V

ITEM	NAME	FINISH	SHROUD DIAMETER	BODY LENGTH	HEIGHT	CONSTRUCTION	LENS	LAMP Not Included	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1530 BZ	20w MR11 Spot Light	Bronze	1¼" Dia.	3½"	2½"	Cast Aluminum	Clear	MR11 up to 20w	
1536 BZ	50w MR16 Spot Light	Bronze	2½" Dia.	5¾"	3¼"	Cast Aluminum	Clear*	MR16 up to 50w	0016NF-LED, 0016SP-LED, 0016WF-LED
1536 BZ-DN	50w MR16 Down Light	Bronze	2½" Dia.	5¾"	3¼"	Cast Aluminum	Hex Louver*	MR16 up to 50w	0016NF-LED, 0016SP-LED, 0016WF-LED
1536 MZ	50w MR16 Spot Light	Matte Bronze	2½" Dia.	5¾"	3¼"	Cast Brass	Clear*	MR16 up to 50w	0016NF-LED, 0016SP-LED, 0016WF-LED
1583 NC	50w MR16 Spot Light	Natural Copper	2" Dia.	7"	2½"	Copper and Brass	Clear	MR16 up to 50w	0016NF-LED, 0016SP-LED, 0016WF-LED

*Optional performance lenses available, see page 57.
A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



1538 BZ
50W MR16 SPOT LIGHT



1539 BS
50W MR16 BRASS
SUBMERSIBLE POND LIGHT
(Supplied with 25' lead cable)



1520 BZ
50W FLOOD LIGHT
WITH CLEAR LENS



1521 BZ
50W FLOOD LIGHT
WITH FROSTED LENS



COASTAL SERIES

Constructed from copper and brass, these sturdy fixtures are designed for harsh environments.

ACCENT LIGHTING: 12V

ITEM	NAME	FINISH	SHROUD WIDTH/DIA.	BODY LENGTH	HEIGHT	CONSTRUCTION	LENS	LAMP Not Included	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1520 BZ	50w Flood Light	Bronze	5 1/2" W	5"	6 1/4" 4" (shroud)	Cast Aluminum	Clear	T4 up to 50w	00T3-LED
1521 BZ	50w Flood Light	Bronze	5 1/2" W	5"	6 1/4" 4" (shroud)	Cast Aluminum	Frosted	T4 up to 50w	00T3-LED
1538 BZ	50w MR16 Spot Light	Bronze	3" Dia.	5 1/2"	4 1/4"	PPS Composite	Clear*	MR16 up to 50w	0016NF-LED, 0016SP-LED, 0016WF-LED
1539 BS	50w MR16 Submersible Brass Pond Light	Brass	3 3/4" Dia.	5"	4 1/2"	Solid Brass	Clear	MR16 up to 50w	0016NF-LED, 0016SP-LED, 0016WF-LED

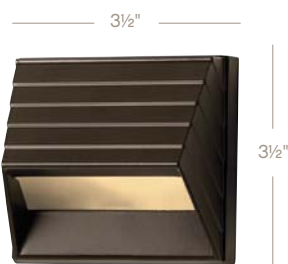
*Optional performance lenses available, see page 57.

A wiring kit and ground spike (0014 BZ - see pg. 57) is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.

DECK & STEP LIGHTS



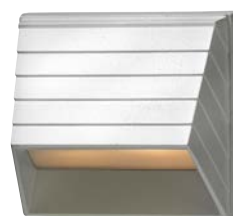
1525 BZ
KISS DECK/WALL SCONCE



1524 BZ
SQUARE DECK SCONCE



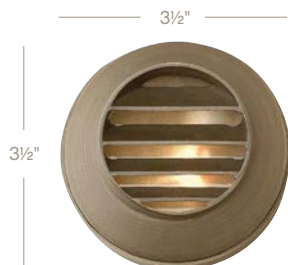
1525 SC
KISS DECK/WALL SCONCE



1524 MW
SQUARE DECK SCONCE



16801 MZ
HARDY ISLAND ROUND
EYEBROW DECK SCONCE



16804 MZ
HARDY ISLAND ROUND
LOUVERED DECK SCONCE



1549 BZ
ROUND EYEBROW
DECK SCONCE



1549 MW
ROUND EYEBROW
DECK SCONCE

DECK & STEP LIGHTS: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	DEPTH	CONSTRUCTION	GLASS LENS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1524 BZ 1524 MW	Square Deck Sconce	Bronze Matte White	3 1/2"	3 1/2"	2 1/4"	Cast Aluminum	Frosted	906 (7w)	00T5-LED
1525 BZ 1525 SC	Kiss Deck/Wall Sconce	Bronze Southern Clay	3"	3"	2"	Cast Aluminum		906 (7w)	
1549 BZ 1549 MW	Round Eyebrow Deck Sconce	Bronze Matte White	3 3/4" Dia.	2"	2"	Cast Aluminum	Frosted	906 (7w)	
16801 MZ	Round Eyebrow Deck Sconce	Matte Bronze	3 1/2" Dia.	3 1/2"	2"	Cast Brass	Frosted	T3 (20w)	
16804 MZ	Round Louvered Deck Sconce	Matte Bronze	3 1/2" Dia.	3 1/2"	2"	Cast Brass	Frosted	T3 (20w)	

A wiring kit is supplied. For accessories, see page 57. For Transformers, see pages 58-59.

AVAILABLE WITH INTEGRATED LED, SEE PAGES 24-26

HARDY ISLAND COLLECTION: SOLID CAST BRASS;
WITHSTANDS EXTREME CLIMATES

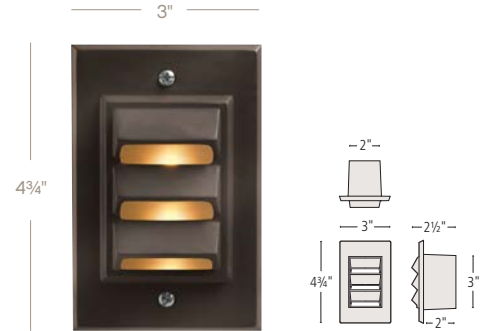
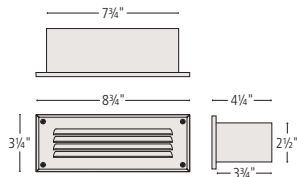
DECK & STEP LIGHTS



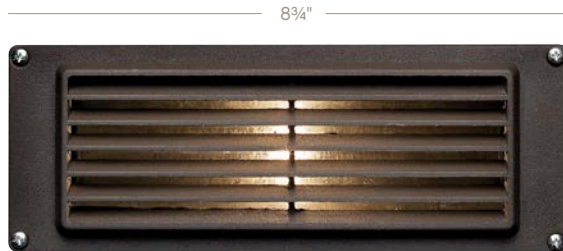
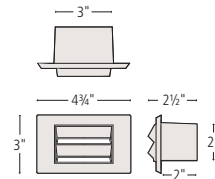
1546 BZ
HORIZONTAL
DECK LIGHT



1546 MZ
HARDY ISLAND
HORIZONTAL DECK LIGHT



1542 BZ
VERTICAL
DECK LIGHT



1594 BZ
LOUVERED
BRICK LIGHT



1594 MZ
HARDY ISLAND
LOUVERED BRICK LIGHT




DECK & STEP LIGHTS: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	DEPTH	CONSTRUCTION	GLASS LENS	LAMP INCLUDED	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1542 BZ	Vertical Deck Light	Bronze	3" (face) 2" (housing)	4 3/4" (face) 3" (housing)	1/2" (face) 2" (housing)	Cast Aluminum	Frosted	912 (12w)	00T5-LED
1546 BZ	Horizontal Deck Light	Bronze	4 3/4" (face) 3" (housing)	3" (face) 2" (housing)	1/2" (face) 2" (housing)	Cast Aluminum	Frosted	912 (12w)	00T5-LED
1546 MZ	Horizontal Deck Light	Matte Bronze	4 3/4" (face) 3" (housing)	3 1/4" (face) 2" (housing)	1/2" (face) 2" (housing)	Aluminum Housing Solid Brass Faceplate	Frosted	912 (12w)	00T5-LED
1594 BZ	Louvered Brick Light	Bronze	8 3/4" (face) 7 3/4" (housing)	3 1/4" (face) 2 1/2" (housing)	1/2" (face) 3 3/4" (housing)	Galvanized Steel Housing Cast Aluminum Faceplate	Clear	912 (12w)	00T5-LED
1594 MZ	Louvered Brick Light	Matte Bronze	8 3/4" (face) 7 3/4" (housing)	3 1/4" (face) 2 1/2" (housing)	1/2" (face) 3 3/4" (housing)	Galvanized Steel Housing Solid Brass Faceplate	Clear	912 (12w)	00T5-LED

A wiring kit is supplied. For accessories, see page 57. For Transformers, see pages 58-59.

WELL LIGHTS



 **COASTAL SERIES**
Constructed from copper and brass, these sturdy fixtures are designed for harsh environments.

1599 BS
50W MR16
BRASS WELL LIGHT



1559 BK
REVERSIBLE PAR36
WELL LIGHT



1590 BZ
50W MR16
WELL LIGHT



1595 BZ
SHIELDED 50W
MR16 WELL LIGHT

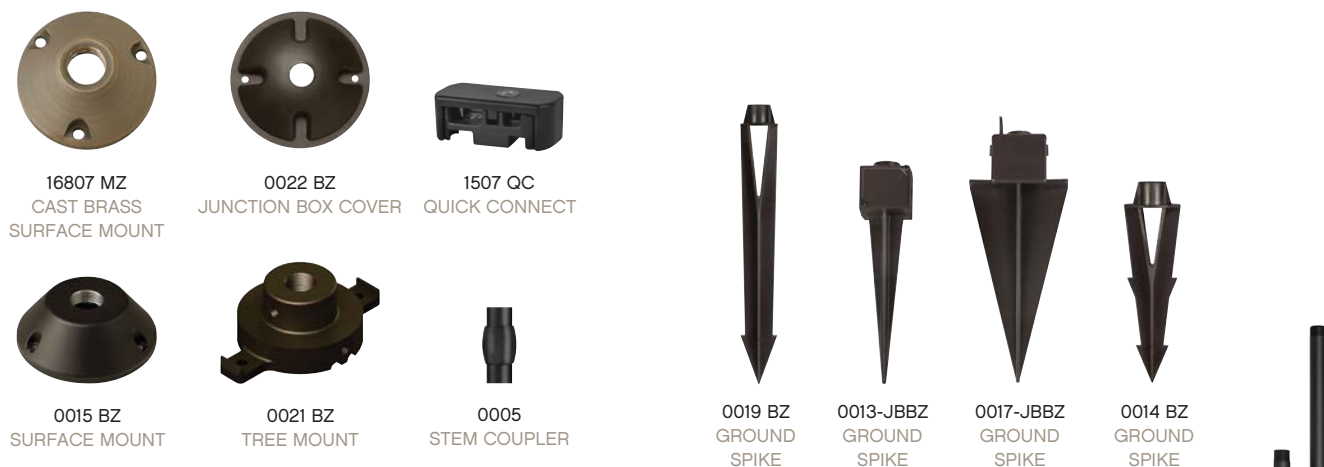


Well lights can be fitted with Hinkley's bi-pin LED bulbs, see page 60.

WELL LIGHTS: 12V

ITEM	NAME	FINISH	WIDTH	HEIGHT	CONSTRUCTION	GLASS OR LENS	LAMP Not Included	BULB FOR LED CONVERSION SEE PAGE 60 Not Included
1559 BK	Reversible PAR36 Well Light	Black	5 1/2" Dia.	6"	Polypropylene		PAR36 up to 35w	
1590 BZ	50w MR16 Well Light	Bronze	4" Dia. (top) 2 3/4" Dia. (base)	4 5/8" 5 1/8" (top)	Cast Aluminum	Clear Domed	MR16 up to 50w	0016NF-LED, 0016SP-LED, 0016WF-LED
1595 BZ	Shielded 50w MR16 Well Light	Bronze	4" Dia. (top) 2 3/4" Dia. (base)	5 3/8" 1 3/8" (top)	Cast Aluminum	Clear Domed	MR16 up to 50w	0016NF-LED, 0016SP-LED, 0016WF-LED
1599 BS	50w MR16 Brass Well Light	Brass	3 3/4" Dia. (top) 2 1/2" Dia. (base) 3 1/4" Dia. (sleeve)	4 5/8" 5 1/8" (top) 5" (sleeve)	Solid Brass w/ PVC Burial Sleeve	Clear	MR16 up to 50w	0016NF-LED, 0016SP-LED, 0016WF-LED

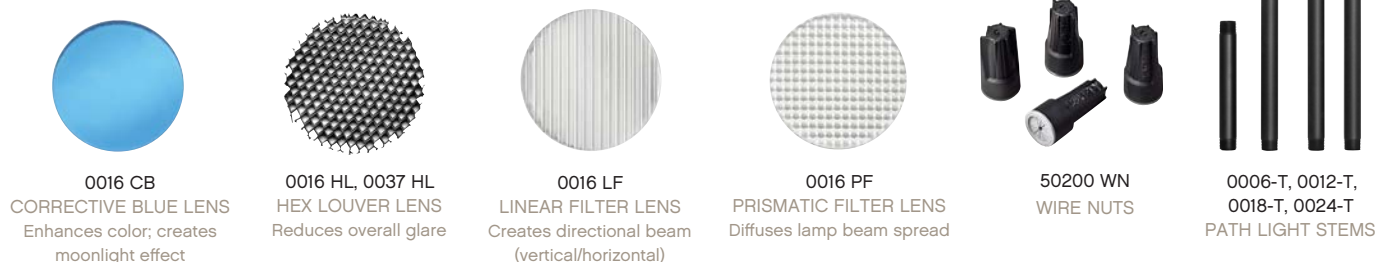
A wiring kit is supplied. For additional accessories, see page 57. For Transformers, see pages 58-59.



Performance Lenses

0016 Lenses — For use with the following spotlights:
1536 Series, 1538 BZ, 1583 NC *Come in packages of 6*

0037 Hex Louver Lens — For use with the following spotlights:
1537 Series, 54000 BZ *Come in packages of 6*



ITEM	NAME	FINISH	WIDTH DIAMETER	HEIGHT	DEPTH	CONSTRUCTION
0005 BK, SC	Coupler	Black, Southern Clay	1" Dia.	1½"		Aluminum
0006-T BK, SC	6" Path Light Stem	Black, Southern Clay	¾" Dia.	6"		Aluminum
0012-T BK, SC	12" Path Light Stem	Black, Southern Clay	¾" Dia.	12"		Aluminum
0013-JBBZ	Ground Spike w/ Junction Box	Bronze	2" W	9"		Cast Aluminum
0014 BZ	Ground Spike	Bronze	2¾" W	9"		Composite
0015 BZ	Surface Mount	Bronze	3½" Dia.	1¼"		Cast Aluminum
0016 CB	Corrective Blue Lens		2" Dia.		⅛"	Glass
0016 HL	Hex Louver Lens (6 pk.)		2" Dia.		⅛"	Aluminum
0016 LF	Linear Filter Lens (6 pk.)		2" Dia.		⅛"	Glass
0016 PF	Prismatic Filter Lens (6 pk.)		2" Dia.		⅛"	Glass
0017-JBBZ	Ground Spike w/ Junction Box	Bronze	4½" W	11"		Composite
0018-T BK, SC	18" Path Light Stem	Black, Southern Clay	¾" Dia.	18"		Aluminum
0019 BZ	Ground Spike	Bronze	2" W	15"		Composite
0021 BZ	Tree Mount	Bronze	3" W	1¾"	4¾"	Cast Aluminum
0022 BZ	Junction Box Cover	Bronze	4½" Dia.	¾"		Aluminum
0024-T BK, SC	24" Path Light Stem	Black, Southern Clay	¾" Dia.	24"		Aluminum
0037 HL	Hex Louver Lens (6 pk.)		3" Dia.		½"	Aluminum
0100 FT	100' Wire	Black	12 AWG			Stranded 2-Wire
0108 FT	100' Wire	Black	8 AWG			Stranded 2-Wire
0250 FT	250' Wire	Black	12 AWG			Stranded 2-Wire
0251 FT	250' Wire	Black	10 AWG			Stranded 2-Wire
0500 FT	500' Wire	Black	12 AWG			Stranded 2-Wire
0516 FT	500' Wire	Black	16 AWG			Stranded 2-Wire
1507 QC	Quick Connect	Black	1" W	¾"	2"	Composite
16807 MZ	Surface Mount	Matte Bronze	2¾" Dia.	1¼"		Solid Brass
50200 WN	Silicone Wire Nuts (20 pk.)		⅝" Dia.		1¼"	Package of 20

PRO-SERIES™ TRANSFORMERS



0075W SS
75W PRO-SERIES™
TRANSFORMER



0150 SS
150W PRO-SERIES™
TRANSFORMER

FOR DETAILS ON HOW
TO SELECT THE PROPER
TRANSFORMER, PLEASE
REFER TO PAGES 61-62.

STANDARD TRANSFORMER



0150 BK
150W STANDARD
TRANSFORMER



0300 SS
300W PRO-SERIES™
TRANSFORMER



0600 SS
600W PRO-SERIES™
TRANSFORMER



0900 SS
900W PRO-SERIES™
TRANSFORMER



1222 SS
1200W PRO-SERIES™
HIGH OUTPUT 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
0150 SS	150w Standard Transformer	Composite Resin	Black	6½"	13¼"	5½"	150w	12v-15v
0150 BK	150w Standard Transformer	Stainless Steel	Black	4¼"	6¼"	3¾"	150w	12v
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
1222 SS	1222w Pro-Series High Output Transformer	Stainless Steel		8½"	18"	7"	1200w	12v-22v
1503 PH	Direct Mount Photocell		Black					
1505 TC	Standard Time Clock		White	2¾"	3½"	2¼"		
1510 PH	Photocell w/ 10' Lead Wire		Black					
1580 DT	Digital Astronomical Time Clock		White	3½"	3¼"	2½"		

TRANSFORMER FEATURE GUIDE	STANDARD TRANSFORMER	PRO-SERIES™ TRANSFORMERS					
							
STYLE	COMPOSITE RESIN	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	HIGH OUTPUT STAINLESS STEEL
MODEL	0150 BK	0075W SS	0150 SS	0300 SS	0600 SS	0900 SS	1222 SS
WATTAGE	150	75	150	300	600	900	1200
BLACK COMPOSITE RESIN	✓						
STAINLESS STEEL		✓	✓	✓	✓	✓	✓
12V-15V MULTI-TAP	12v only	12v + 15v only	12v + 15v only	✓	✓	✓	
12V-22V MULTI-TAP							✓
AUTOMATIC TIMER	✓						
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		✓	✓	✓	✓	✓	✓

BULB TYPE	MODEL	WATTAGE	AVERAGE LIFE	CANDLE POWER (CP) LUMENS (L)	BASE	BEAM SPREAD
PAR 36 Halogen 	4425	25w	1000 Hours	100 L	Screw	60° WFL
	4435	35w	4000 Hours	250 L	Screw	30° WFL
	4450	50w	4000 Hours	400 L	Screw	30° WFL
T5 Wedge Base 	0906	7w	1000 Hours	6 CP	Wedge	360°
	0912	12w	2000 Hours	12 CP	Wedge	360°
	0921	18w	2000 Hours	21 CP	Wedge	360°
	0921X	18w	10000 Hours	21 CP	Wedge	360°
MR11 Halogen 	0011N10	10w	2000 Hours	1200 CP	Bi-Pin	15° NSP
	0011W10	10w	2000 Hours	350 CP	Bi-Pin	30° WFL
	0011N20	20w	2000 Hours	4200 CP	Bi-Pin	15° NSP
	0011W20	20w	2000 Hours	700 CP	Bi-Pin	30° WFL
MR16 Halogen 	0016N20	20w	2000 Hours	3500 CP	Bi-Pin	7° NSP
	0016W20	20w	2000 Hours	490 CP	Bi-Pin	40° WFL
	0016N35	35w	2000 Hours	7400 CP	Bi-Pin	12° NSP
	0016W35	35w	2000 Hours	1100 CP	Bi-Pin	40° WFL
	0016N50	50w	2000 Hours	8500 CP	Bi-Pin	10° NSP
	0016W50	50w	2000 Hours	1500 CP	Bi-Pin	38° WFL
	0016N75	75w	2000 Hours	11200 CP	Bi-Pin	15° NSP
	0016W75	75w	2000 Hours	1900 CP	Bi-Pin	40° WFL
MR16-LED 	0016SP-LED	6w / VA	25,000 Hours	275 L	Bi-Pin	15° NSP
	0016NF-LED	6w / VA	25,000 Hours	275 L	Bi-Pin	30° WFL
	0016WF-LED	6w / VA	25,000 Hours	275 L	Bi-Pin	45° WFL
T3 Halogen T4 Halogen 	0020T3	20w	2000 Hours	320 CP	Bi-Pin	360°
	0010T4	10w	2000 Hours	140 CP	Bi-Pin	360°
	0020T4	20w	2000 Hours	320 CP	Bi-Pin	360°
	0050T4	50w	2000 Hours	930 CP	Bi-Pin	360°
T3 LED (LED bi-pin replacement for 0020T3, 0010T4, 0020T4, 0050T4) 	00T3-LED	1.5w 1.8VA	35,000 Hours	140 L	Bi-Pin	360°
T5 LED (LED wedge base replacement for 906, 912, 921, 921X) 	00T5-LED	1.7w 2.0VA	35,000 Hours	180 L	Wedge	360°

BULB EQUIVALENCIES			
Footcandles	Natural/Realistic Equivalent	Footcandles	Natural/Realistic Equivalent
5000	Bright Summer Sunshine	.50	Typical Side Road Lighting
500	Overcast Sky	.20	Minimum Security Risk Lighting
50	Well-Lit Office	.10	Twilight
30	Minimum for Easy Reading	.03	Clear Full Moon
5	Passageway/Outdoor Work Area	.01	Typical Moonlight/Cloudy Sky
1.5	Good Main Road Lighting	.0001	Typical Starlight
1.0	Sunset	.00001	Poor Starlight

Low Voltage System Design and Installation for LED

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 recreation, entertaining or work? Think about areas in which added light would enhance safety-steps or dark wall around the side of your home.

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 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 an additional plate to guard against fire and conduit must be used when running wiring through the wall. Calculate the total volt ampere (VA) your system requires. Then choose a transformer powerful enough to handle the total VA and still have some extra capacity if fixtures will 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

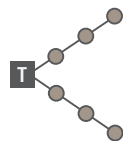
CABLE FIXTURE AND LAYOUT

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

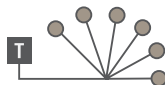
SPLIT LOAD INSTALLATION

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.



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 servicing the system.



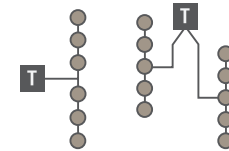
STRAIGHT RUN INSTALLATION

Fixtures run in sequence directly from the transformer.



"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.



**EASY
INSTALLATION**

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 (9VAC-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 fixtures @ 2.1 watts each and 3.2 VA each

6 X 2.1 WATTS = 12.6 WATT TOTAL
(actual energy consumed)

6 X 3.2 VA = 19.2 VA TOTAL
(minimum transformer required)

For further instruction on fixture connection, mounting, accessories and troubleshooting, please follow Hinkley's incandescent installation instructions found on page 62.

Low Voltage System Design and Installation for Incandescent

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 recreation, entertaining or work? Think about areas in which added light would enhance safety-steps or dark wall around the side of your home.

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 that accept lamps that are appropriate for the application.

TRANSFORMERS

Transformers convert your 120-volt household current to 12-volts. 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 usage, UL requires an additional mounting plate to guard against fire and conduit must be used. 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.

CABLE

12-volt fixtures take power from a weatherproof, flexible 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. 12 AWG cable is the most standard. However, for cable runs of over 100', we recommend 10 AWG or 8 AWG.

Measure the distance from the last fixture on the run to the transformer to calculate the amount of cable needed. Add 1'-2' 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.

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'

DETERMINING VOLTAGE DROP

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/Volt Amps = sum of wattage/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.

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.

$$\text{Voltage Drop} = \frac{\text{Total Watts/VA} \times \text{Cable Length}}{\text{Cable Constant}} \times 2$$

The cable constant is based on wire size. (Remember that larger wires have lower AWG sizes).

Cable	Constant
18 AWG	1,380v
16 AWG	2,200v
14 AWG	3,500v
12 AWG	7,500v
10 AWG	11,920v
08 AWG	18,960v

EXAMPLE:

$$\text{Voltage Drop} = \frac{150\text{w/VA} \times 75}{7500 \text{ (12 AWG Cable Constant)}} \times 2$$

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

$$15\text{-volt tap} - 3 \text{ (voltage drop)} = 12 \text{ (actual voltage)}$$

Voltage should not drop below 10.8-volts. In this case you should choose to use 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.

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

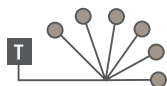
LOOP INSTALLATION

Here, fixtures are arranged in a loop, reducing voltage drop. It is essential that cable polarity be maintained in the installation.



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 servicing the system.



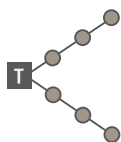
STRAIGHT RUN INSTALLATION

Fixtures run in sequence directly from the transformer.



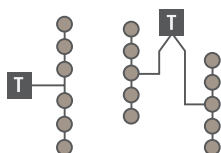
SPLIT LOAD INSTALLATION

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



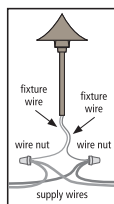
"T" INSTALLATION

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 AWG cable to split. Use 12 AWG cable to cross the "T" between fixtures.



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:

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 candlepower output

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

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.

TROUBLESHOOTING

Some of the more obvious reasons why a landscape lighting system will not operate are:


- ▷ The 120-volt power source is off, disconnected or the breaker/GFCI is tripped.
- ▷ The 120-volt source is on a switched receptacle and the switch is in the off position.
- ▷ The Transformer has an on/off switch and it is in the off position.
- ▷ If unit has a built in timer and the timer is in the off position.
- ▷ If the unit has a built in photocell and the photocell is receiving light and is therefore in the off position.
- ▷ If the transformer has a built in secondary or primary fusing device that has blown due to a system problem.
- ▷ If the cables leading from the transformer out into the landscape have been cut.
- ▷ If the cables entering the transformer are wired incorrectly.

120V



LINE VOLTAGE: 120V

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 UTILIZED 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.



120V LANDSCAPE LIGHTING

ITEM	56000 BZ	57000 BZ
NAME	Mushroom Path Light	75w Mini-Can Flood Light
FINISH	Powder-Coated Bronze (BZ)	Powder-Coated Bronze (BZ)
WIDTH	9½"	5½" (shroud)
HEIGHT	26"	6¼" 4" (shroud)
DEPTH		5"
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 72.

120V



54000 BZ
120V 75W SM. SPOT LIGHT



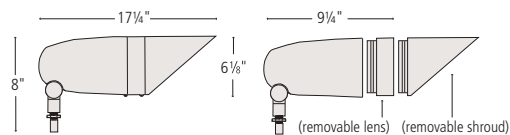
Integrated LED
Option Available
See Page 27



55000 BZ
120V 175W LG. SPOT LIGHT
(Shown with lens)



55000 BZ
120V 175W LG. SPOT LIGHT
(Shown with lens and shroud)





53000 BZ
BURIAL BALLAST BOX
(Ballast Assembly not included)

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.

120V

120V SPOT LIGHTS & BURIAL BALLAST BOX

ITEM	53000 BZ	54000 BZ	55000 BZ
NAME	Burial Ballast Box (made for use with 54000 BZ and 55000 BZ)	75w Sm. Spot Light	175w Lg. Spot Light (Removable Lens and Shroud)
FINISH	Bronze (BZ)	Powder-Coated Bronze (BZ)	Powder-Coated Bronze (BZ)
WIDTH	12¼" (top), 8" (base)	3¾" Dia. (shroud)	6 ⅝" Dia. (shroud)
HEIGHT	14½"	6½"	8"
LENGTH		8¾" (shroud)	17¼" (w/ shroud), 9¼" (w/o shroud)
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
LENS		Clear, Convex, Tempered	Clear, Convex, Tempered
VOLTAGE		120v	120v
LAMP (Not Included)	For use with 54000 BZ and 55000 BZ	PAR16 or PAR20 (up to 75w)	PAR38 (up to 175w)
BALLAST	Requires 70w, 100w or 175w Ballast Assembly		
WIRING/ WIRING COMPARTMENT	Isolated sealable wiring compartment. Cover has (2) threaded 3¾"-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
GASKET	EPDM, 1-piece molded silicone gasket		
REFLECTOR			
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
SOCKET		4KV Pulse-Rated Porcelain Base	4KV Pulse-Rated Porcelain Base

For Line Voltage Accessories see page 72.

120V WELL LIGHTS

ITEM	51000 BZ	51070 BZ	52000 BZ
NAME	100w Sm. In-Ground Well Light	70w-MH Sm. In-Ground Well Light	100w Lg. In-Ground Well Light
FINISH	Bronze (BZ)	Bronze (BZ)	Bronze (BZ)
WIDTH	9½" (top), 6⅞" (base)	9½" (top), 6⅞" (base)	12¼" (top), 8" (base)
HEIGHT	12¾"	12¾"	14½"
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 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/ WIRING COMPARTMENT	6" usable 105°C 18-AWG wire leads and ground leads. Isolated sealable wiring compartment. Cover has (2) threaded 3¼"-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 3¼"-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 3¼"-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 CAPACITY	2200 lbs.	2200 lbs.	2600 lbs.
ACCESSORIES	Small Concrete Kit: 51010 CK Small Rock Guard: 51901 BZ	Small Concrete Kit: 51010 CK Small Rock Guard: 51901 BZ	Large Concrete Kit: 52010 CK Large Rock Guard: 52901 BZ

120V WELL LIGHT ACCESSORIES

ITEM	NAME	DESCRIPTION	DIAMETER	HEIGHT	DETAILS
51010 CK	Concrete Kit (Small)	Used for Well Light installation	10¾"Dia.	6"	For use with Sm. Well Lights
51901 BZ	Rock Guard (Small)	Keeps lens free of debris	9½"Dia.	1¼"	For use with Sm. Well Lights
52010 CK	Concrete Kit (Large)	Used for Well Light and Ballast Box installation	14"Dia.	6"	For use with Lg. Well Lights and Burial Ballast Box
52901 BZ	Rock Guard (Large)	Keeps lens free of debris	12¼"Dia.	1¼"	For use with Lg. Well Lights

For Line Voltage Accessories see page 72.



51000 BZ	51070 BZ
120V 100W	120V 70W-MH
SM. IN-GROUND	SM. IN-GROUND
WELL LIGHT	WELL LIGHT



51901 BZ, 52901 BZ
ROCK GUARD



51010 CK, 52010 CK
CONCRETE KIT



52000 BZ
120V 100W
LG. IN-GROUND
WELL LIGHT

QUALITY AND DURABILITY

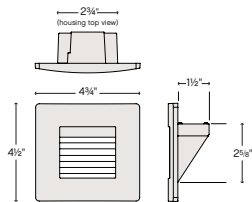
Hinkley's Line Voltage products are built to last. Constructed of durable aluminum or thermoplastic composite resin, our lighting fixtures stand up to tough weather conditions. Our powder coated finish on all Line Voltage products protect the fixtures from chipping, fading and cracking which significantly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

120V

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

- Single or Double Gang Configuration
- Die-Cast Zinc Aluminum Alloy
- 4w Power Consumption
- Dimmable
- Indoor/Outdoor ETL Rated
- Fits Standard Gang Junction Box

LED
120V



58506 BZ



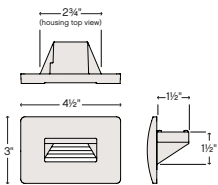
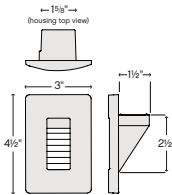
58506 LA



58504 TT



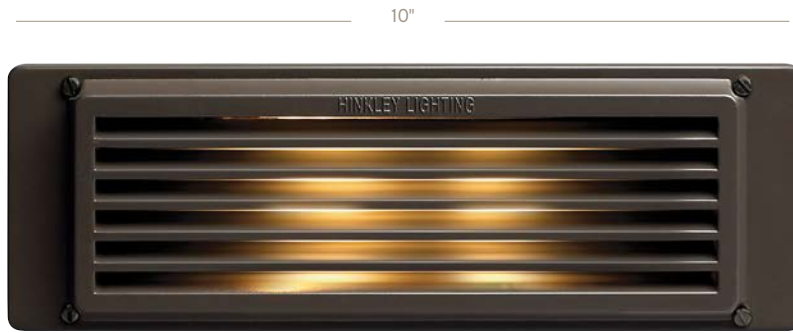
58508 SW



120V LUNA STEP LIGHTS

ITEM	58504 BZ, LA, SW, TT	58506 BZ, LA, SW, TT	58508 BZ, LA, SW, TT
NAME	Luna Step Light	Luna Step Light	Luna Step Light
FINISH	Bronze (BZ), Light Almond (LA), Satin White (SW), Titanium (TT)	Bronze (BZ), Light Almond (LA), Satin White (SW), Titanium (TT)	Bronze (BZ), Light Almond (LA), Satin White (SW), Titanium (TT)
WIDTH	3" (faceplate) 1 5/8" (housing)	4 1/2" (faceplate) 2 3/4" (housing)	4 1/2" (faceplate) 2 3/4" (housing)
HEIGHT	4 1/2" (faceplate) 2 1/2" (housing)	4 1/2" (faceplate) 2 5/8" (housing)	3" (faceplate) 1 1/2" (housing)
DEPTH	1 7/8" (total) 1 1/2" (housing)	1 7/8" (total) 1 1/2" (housing)	1 7/8" (total) 1 1/2" (housing)
CONSTRUCTION	Aluminum	Aluminum	Aluminum
VOLTAGE	120V	120V	120V
LIGHT SOURCE	LED	LED	LED
WATTAGE	4w	4w	4w
COLOR TEMP.	3000k	3000k	3000k
LED ENGINE	LS-20	LS-20	LS-20
SAFETY RATING	ETL Indoor/Outdoor	ETL Indoor/Outdoor	ETL Indoor/Outdoor


For Line Voltage Accessories see page 72.

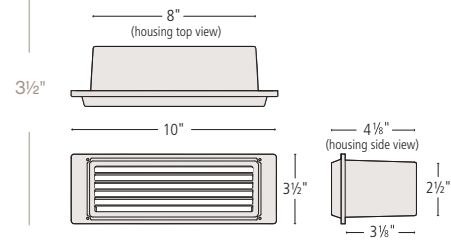


59009 BZ
120V 9W CFL
BRICK LIGHT

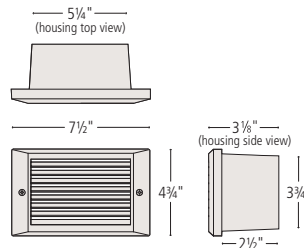
 Integrated LED
Option Available
See Page 27

59040 BZ
120V 40W G9
BRICK LIGHT

 Integrated LED
Option Available
See Page 27



120V



58009 BZ
120V 9W CFL
STEP LIGHT

 Integrated LED
Option Available
See Page 27

58025 BZ
120V 25W G9
STEP LIGHT

 Integrated LED
Option Available
See Page 27

120V STEP & BRICK LIGHTS

ITEM	58009 BZ	58025 BZ	59009 BZ	59040 BZ
NAME	Step Light (9w) CFL	Step Light (25w) G9	Brick Light (9w) CFL	Brick Light (40w) G9
FINISH	Powder-Coated Bronze (BZ)	Powder-Coated Bronze (BZ)	Powder-Coated Bronze (BZ)	Powder-Coated Bronze (BZ)
WIDTH	7 1/2" (faceplate) 5 1/4" (housing)	7 1/2" (faceplate) 5 1/4" (housing)	10" (faceplate) 8" (housing)	10" (faceplate) 8" (housing)
HEIGHT	4 3/4" (faceplate) 3 3/4" (housing)	4 3/4" (faceplate) 3 3/4" (housing)	3 1/2" (faceplate) 2 1/2" (housing)	3 1/2" (faceplate) 2 1/2" (housing)
DEPTH	3 1/8" (total) 2 1/2" (housing)	3 1/8" (total) 2 1/2" (housing)	4 1/8" (total) 3 1/8" (housing)	4 1/8" (total) 3 1/8" (housing)
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	Cast aluminum with a silicone gasket providing a superior weather-tight seal
LENS	Clear, Flat	Clear, Flat	Clear, Flat	Clear, Flat
VOLTAGE	120v	120v	120v	120v
LAMP (Not Included)	9w CFL GX23	25w G9	9w CFL GX23	40w G9
WIRING/ WIRING 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	6" usable 200°C 18-AWG wire leads and ground leads
SOCKET	Plastic GX23-2	White Porcelain Bi-Pin Base	Plastic GX23-2	White Porcelain Bi-Pin Base

For Line Voltage Accessories see page 72.

VALUE AND CONVENIENCE

120V

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.



50500 PP
POWER POST



50200 WN
WIRE NUTS



51010 CK, 52010 CK
CONCRETE KIT



50300 SF
SCOTCH-FIL



51901 BZ, 52901 BZ
SMALL AND LARGE
ROCK GUARD



50400 HG
WELL LIGHT
HIGH GEL

120V ACCESSORIES

ITEM	NAME	DESCRIPTION	WIDTH/DIAMETER	HEIGHT	LENGTH	DETAILS
50200 WN	Silicone Wire Nuts		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 1/4" Dia. 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



LANDSCAPE

INDEX

0005 BK	55	00T5-LED	60	1536BZ-3WLEDFL	23	1546MZ	40	15918BZ	33	50400HG	72
0005 SC	57	0100 FT	57	1536BZ-3WLEDMD	23	1546MZ-LED	25	15924BZ	33	50500PP	72
0006-TBK	57	0108FT	57	1536BZ-3WLEDSP	23	15471BZ	33	1593OB	49	51000BZ	68
0006-TSC	57	0150BK	58	1536BZ-5WLEDFL	23	15472BZ	31	1594BZ	55	51010CK	68
0010T4	60	0150SS	58	1536BZ-5WLEDMD	23	15475BZ	33	1594BZ-LED	26	51070BZ	68
0011N10	60	0250FT	57	1536BZ-5WLEDSP	23	15476BZ	31	1594MZ	40	51901BZ	68
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0011W10	60	0300SS	58	1536BZ-8WLEDMD	23	1547HE	45	1595BZ	56	52010CK	68
0011W20	60	0500FT	57	1536BZ-8WLEDSP	23	1547KZ	45	1599BS	56	52901BZ	68
0012-TBK	57	0516FT	57	1536BZ-DN	52	15483BZ	32	16001MZ	37	53000BZ	67
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0013-JBBZ	57	0900SS	58	1536BZ-LED60	21	1548BZ-LED	16	16004MZ	37	54000BZ-LED30	27
0014 BZ	57	0906	60	1536MZ	39	1548TT	44	16004MZ-LED	18	54000BZ-LED60	27
0015 BZ	57	0912	60	1536MZ-20LED30	20	1548TT-LED	16	16007MZ	37	55000BZ	66
0016 CB	57	0921	60	1536MZ-20LED60	20	1549BZ	54	16007MZ-LED	18	56000BZ	65
0016 HL	57	0921X	60	1536MZ-3WLEDFL	23	1549BZ-LED	24	16010MZ	37	57000BZ	65
0016 LF	57	1222SS	58	1536MZ-3WLEDMD	23	1549MW	54	16010MZ-LED	18	58009BZ	71
0016N20	60	1403OC	50	1536MZ-3WLEDSP	23	1549MW-LED	24	16016MZ	38	58015BZ-LED	27
0016N35	60	1502BZ	44	1536MZ-5WLEDFL	23	1552SZ	50	16016MZ-LED	19	58025BZ	71
0016N50	60	1502BZ-LED	17	1536MZ-5WLEDMD	23	1554SZ	47	16019MZ	38	58504BZ	29
0016N75	60	1503PH	58	1536MZ-5WLEDSP	23	1555CB	48	16019MZ-LED	19	58504LA	29
0016NF-LED	60	1505TC	58	1536MZ-8WLEDFL	23	1558BK	51	16022MZ	38	58504SW	29
0016 PF	57	1507QC	57	1536MZ-8WLEDMD	23	1558BK-LED	17	16022MZ-LED	19	58504TT	29
0016SP-LED	60	1508CB	47	1536MZ-8WLEDSP	23	1558SC	51	16050MZ	38	58506BZ	28
0016W20	60	1510PH	58	1536MZ-LED30	20	1558SC-LED	17	16055MZ	38	58506LA	28
0016W35	60	1513MB	48	1536MZ-LED60	20	1559BK	56	16501MZ	39	58506SW	28
0016W50	60	1515RB	48	1538BZ	53	1560AR	46	16504MZ	39	58506TT	28
0016W75	60	1516MR	47	1539BS	53	1561AR	46	16504MZ-LED30	20	58508BZ	29
0016WF-LED	60	1518BZ	43	1540CB	49	1561AR-LED	16	16504MZ-LED60	20	58508LA	29
0017-JBBZ	57	1518BZ-LED	15	1542BZ	55	1561SK	46	16571MZ	39	58508SW	29
0018-TBK	57	1518HE	43	1542BZ-LED	25	1561SK-LED	16	16574MZ	39	58508TT	29
0018-TSC	57	1518HE-LED	15	1542MZ-LED	25	1561TT	46	16701MZ	41	59009BZ	71
0019 BZ	57	1518TT	43	15440BZ	34	1561TT-LED	16	16704MZ	41	59024BZ-LED	27
0020T3	60	1518TT-LED	15	15440SW	34	1567RY	49	16707MZ	41	59040BZ	71
0020T4	60	1520BZ	53	15442BZ	34	1568RB	47	16710MZ	41		
0021 BZ	57	1521BZ	53	15442SW	34	1573BK	51	16801MZ	40		
0022 BZ	57	1524BZ	54	1544BK	50	1573BK-LED	17	16801MZ-LED	24		
0024-TBK	57	1524BZ-LED	24	1544BK-LED	17	1573SC	51	16804MZ	40		
0024-TSC	57	1524MW	54	1544SC	50	1573SC-LED	17	16804MZ-LED	24		
0037 HL	57	1524MW-LED	24	1544SC-LED	17	1579MT	45	16807MZ	39		
0050 T4	60	1525BZ	54	15450BZ	35	1579SS	45	16902MZ	39		
0075W SS	58	1525SC	54	15450SW	35	1580DT	58	16910MZ	39		
00G2SE-20	22	1526BZ-LED	24	15452BZ	35	1583NC	52	16918MZ	39		
00G2SE-35	22	1527CB	49	15452SW	35	15903BZ	33	16990MZ	39		
00G2SE-50	22	1529CB	48	15456BZ	35	15903SW	33	4425	60		
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00G2FO-MEDIUM	22	1536BZ	52	1546BZ	55	15906SW	33	4450	60		
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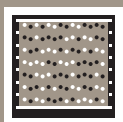
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