

The Premium Choice in  
Landscape Lighting™

**KICHLER**  
LIGHTING





POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

This installation illuminated exclusively  
with Design Pro LED fixtures



Meet the professionals  
behind the lighting

# A beautiful landscape starts with you.

Your vision. Your ideas. Kichler® technology. Together, there's nothing we can't do. From the latest, intelligent LED options to traditional incandescent choices, Kichler's complete landscape collection delivers exactly what you need. Leading the way is our Design Pro LED series of fixtures for virtually every outdoor application, including decorative path and spread, low profile hardscape, water feature, deck, patio and accent lighting. You'll find our growing Design Pro LED line also offers the best of both form and function: every fixture is built to deliver beautiful, pure white natural lighting effects and is engineered for optimum all-weather performance. Of course, all Kichler fixtures offer installation-friendly features that add ease to the project without compromising performance.

***Start with your ideas and let Kichler help bring them to light.***



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**Design Pro LED**  
Deck & Patio

18



**Design Pro LED**  
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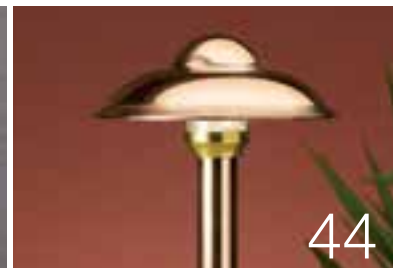
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**Low Voltage Incandescent**  
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**Low Voltage Incandescent**  
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**Low Voltage Incandescent**  
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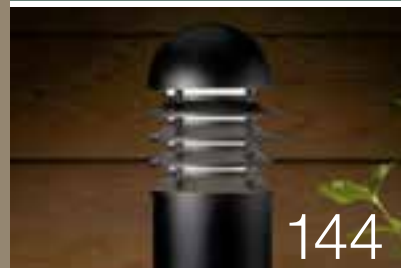
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**120 Volt & HID**  
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LOW VOLTAGE

# Design Pro LED

LED Landscape Lighting That Goes Above  
And Beyond – For You And Your Customers

Path ... spread ... accent ... water ... in ground  
... hardscape. You name the outdoor  
application, and you'll discover a Kichler Design  
Pro LED product to match. You'll not only find  
an extensive collection of sought-after LED  
choices, but you'll also get benefits you and  
your clients will value:

## For You

- Durable driver circuits provide a consistent output over a wider range (9 to 15 V) to help you control the voltage-drop headache.
- Easy to install – adapting to almost any application.
- Custom-designed optics put a solid punch of light exactly where you intend.
- Full selection of LED products help you complete a total landscape job.
- Sealed, bulletproof design resists moisture.

## For Your Customers

- Pure, beautiful, consistent WHITE light enhances a landscape's natural colors.
- Uses 75% less energy than halogen for long-term cost savings.
- No light bulbs to buy or replace.
- Environmentally friendly design means less energy waste and no bulbs to throw away.
- Tested to withstand the elements for years of enjoyment.
- For complete warranty details, go to [landscapelighting.com](http://landscapelighting.com).



This installation illuminated exclusively  
with Design Pro LED fixtures



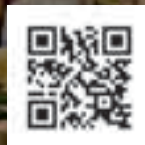
Meet the professionals  
behind the lighting

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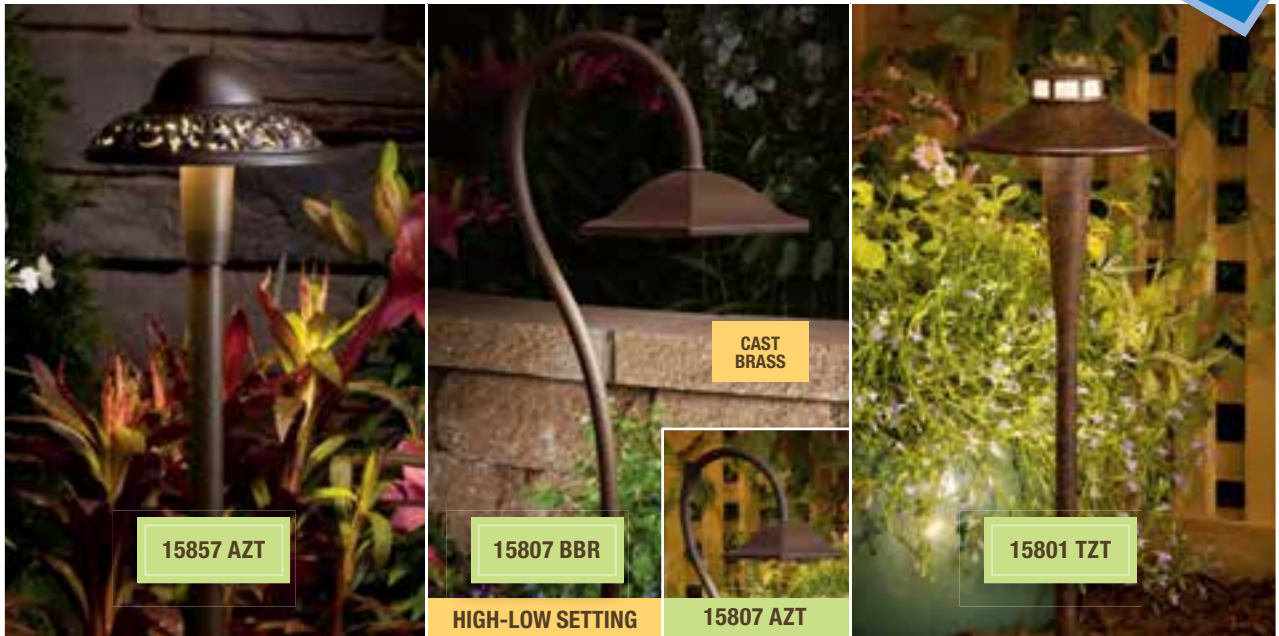
LOW VOLTAGE

# Design Pro LED Path & Spread

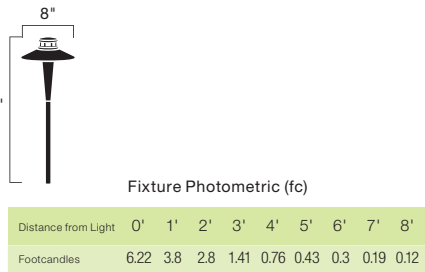
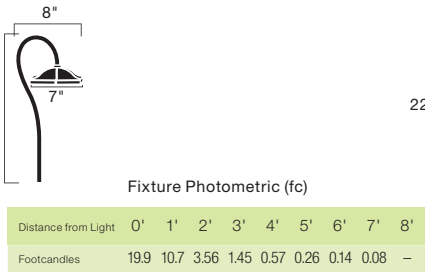
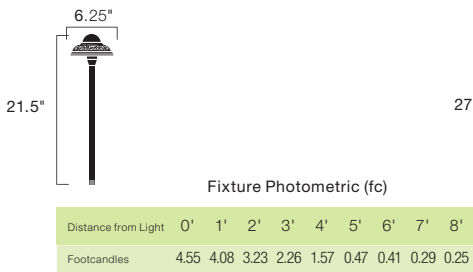
Meet the new standard for path and spread applications.





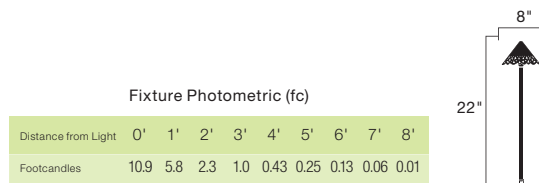
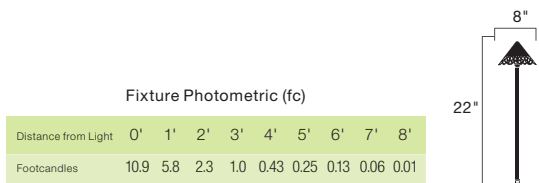


Name	<b>LED PIERCED DOME</b> A cast dome sculpted with a floral band and pierced to reveal a sophisticated pattern of LED light.	<b>LED SHEPHERD'S CROOK</b> Traditional flare with today's LED technology.	<b>LED TIKI</b> A warm, soft center glow adds just the right hint of detail to this center mount LED path and spread.
Ordering Guide	15857 AZT - Textured Architectural Bronze™	15807 AZT - Textured Architectural Bronze™ 15807 BBR - Bronzed Brass	15801 TZT - Textured Tannery Bronze™
Housing	Cast Aluminum	Cast Aluminum, Brass	Cast Aluminum
Finish	Textured Architectural Bronze™	Textured Architectural Bronze™	Textured Tannery Bronze™
Light Source	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI
Power Usage at 12V AC Input VA & Watts	5.8 VA, 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer	High      Low 5.8 VA    4 VA 4 W        2.5 W Multiply fixture VA by the number of fixtures used to determine size of transformer	5.8 VA 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V - 15V AC/DC	9V - 15V AC/DC	9V - 15V AC/DC
Wiring	30" of useable #18-2, SPT-1W leads. Cable connector supplied.	24" of useable #18-2, SPT-1W leads. Cable connector supplied.	24" of useable #18-2, SPT-1W leads. Cable connector supplied.
Mounting Accessories Included	8" In-ground stake	8" In-ground stake	8" In-ground stake
Optional Mounting Accessories	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket
Incandescent Option	15457 – on page 50	NA	NA
Notes	Not for use with electronic transformers.	Not for use with electronic transformers.	Not for use with electronic transformers.



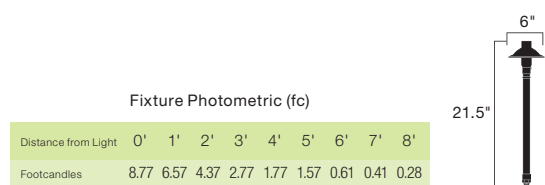
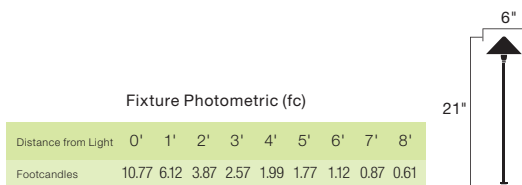


Name	<b>LED DECORATIVE HAMMERED ROOF</b> Pierced shade sheds decorative patterned light with the added benefit of LED technology. Coordinates with matching LED deck light 15763 on page 19.	<b>LED CAST HAMMERED ROOF</b> Pierced shade sheds decorative patterned LED light over shrubs, gardens, or walkways. Coordinates with matching LED deck light 15763 on page 19.
Ordering Guide	15843 CO Unfinished Copper 15843 NBK New Brick™ 15843 TZT Textured Tannery Bronze™ 15843 VG Verdigris	15871 BBR - Bronzed Brass 15871 TZT - Textured Tannery Bronze™
Housing	Brass or Copper (copper will naturally patina over time)	Cast Aluminum, Cast Brass
Finish	Unfinished Copper, New Brick™, Textured Tannery Bronze™ or Natural Verdigris	Bronzed Brass or Textured Tannery Bronze™
Light Source	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI
Power Usage at 12V AC Input VA & Watts	5.8 VA 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer	5.8 VA 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V - 15V AC/DC	9V - 15V AC/DC
Wiring	53" of usable #18-2, SPT-1-W leads. Cable connector supplied.	55" of useable #18-2, SPT-1W leads. Cable connector supplied.
Mounting Accessories Included	8" In-ground stake	8" In-ground stake
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket
Incandescent Option	15443 – on page 54	15471 – on page 54
Notes	Not for use with electronic transformers.	Not for use with electronic transformers.





Name	<b>LED FUNDAMENTALS™</b> Basic, uncomplicated design for versatility. Use along walkways or points of interest. Heavy gauge copper makes this proven look fit in any setting.	<b>LED COPPER HAT</b> Design Pro LED in a definitive yet unassuming copper housing. Will develop a natural verdigris over time.
Ordering Guide	15839 CO - Unfinished Copper 15839 TZT - Textured Tannery Bronze™	15850 CO - Unfinished Copper
Housing	Brass or Copper (copper will naturally patina over time)	Copper (copper will naturally patina over time)
Finish	Unfinished Copper or Textured Tannery Bronze™	Unfinished Copper
Light Source	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI
Power Usage at 12VAC Input VA & Watts	5.8 VA, 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer	5.8 VA, 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V - 15V AC/DC	9V - 15V AC/DC
Wiring	55" of useable #18-2, SPT-1W leads. Cable connector supplied.	30" of useable #18-2, SPT-1W leads. Cable connector supplied.
Mounting Accessories Included	8" In-ground stake	8" In-ground stake
Optional Mounting Accessories	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket
Incandescent Option	15439 – on page 70	15350 – on page 63
Notes	Not for use with electronic transformers.	Not for use with electronic transformers.

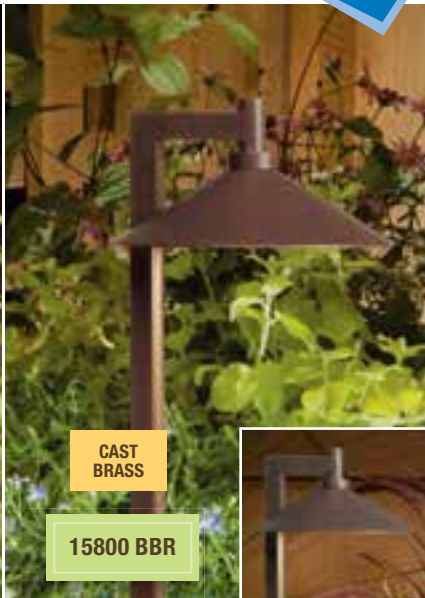




15803 AZT



15802 TZT

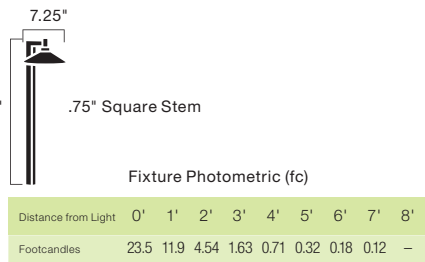
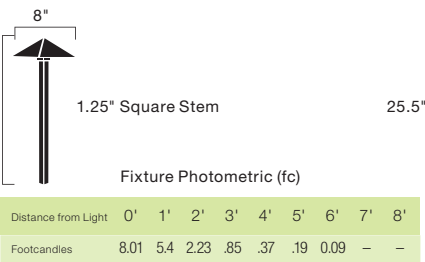
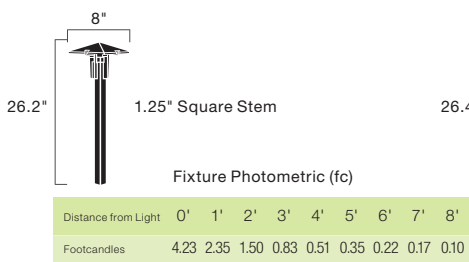


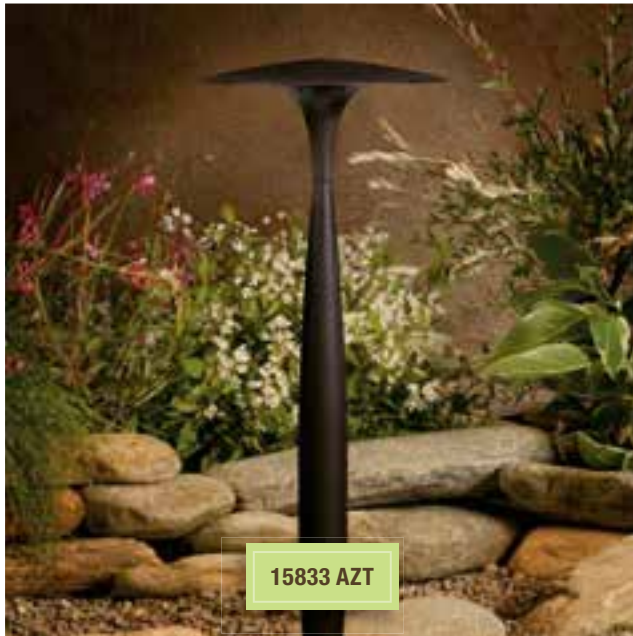
CAST BRASS  
15800 BBR



HIGH-LOW SETTING 15800 AZT

<b>Name</b>	<b>LED FORGED</b> A mission style offering in Design Pro LED. A substantial design supported by thick cast construction.	<b>LED PYRAMID</b> A style to fit a wide variety of tastes, the subtle look of this design will find a home in a wide variety of landscapes.	<b>LED RIPLEY™</b> Inspired by the popular Kichler® Ripley outdoor lantern, the rich tones, clean lines and sturdy construction make this path light a welcome addition to any transitional outdoor lighting design.
<b>Ordering Guide</b>	15803 AZT - Textured Architectural Bronze™	15802 TZT - Textured Tannery Bronze™	15800 AZT - Textured Architectural Bronze™ 15800 BBR - Bronzed Brass
<b>Housing</b>	Cast Aluminum	Cast Aluminum	Cast Aluminum, Cast Brass
<b>Finish</b>	Textured Architectural Bronze™	Textured Tannery Bronze™	Textured Architectural Bronze™ Bronzed Brass
<b>Light Source</b>	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI
<b>Power Usage at 12V AC Input VA &amp; Watts</b>	5.8 VA 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer	5.8 VA 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer	High      Low 5.8 VA    4 VA 4 W        2.5 W Multiply fixture VA by the number of fixtures used to determine size of transformer
<b>Operating Voltage Range</b>	9V - 15V AC/DC	9V - 15V AC/DC	9V - 15V AC/DC
<b>Wiring</b>	24" of useable #18-2, SPT-1W leads. Cable connector supplied.	30" of useable #18-2, SPT-1W leads. Cable connector supplied.	24" of useable #18-2, SPT-1W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket
<b>Notes</b>	Not for use with electronic transformers.	Not for use with electronic transformers.	Not for use with electronic transformers.





15833 AZT



15804 AZT

Name	<b>LED BROAD ROOF</b> A sculpted spindle center is capped by a broad, shallow roof that diffuses and spreads LED light.	<b>LED TAPERED COLUMN</b> A tapered column rises to a narrow point and then widens to expose LED illumination emanating from the reverse taper cap.
Ordering Guide	15833 AZT - Textured Architectural Bronze™	15804 AZT - Textured Architectural Bronze™
Housing	Cast Aluminum	Cast Aluminum
Finish	Textured Architectural Bronze™	Textured Architectural Bronze™
Light Source	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI
Power Usage at 12V AC Input VA & Watts	5.8 VA 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer	5.8 VA 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V - 15V AC/DC	9V - 15V AC/DC
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connector supplied.	30" of usable #18-2, SPT-1-W leads. Cable connector supplied.
Mounting Accessories Included	8" In-ground stake	8" In-ground stake
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
Notes	Not for use with electronic transformers.	Not for use with electronic transformers.



2010 Winner  
www.lightingfortomorrow.com

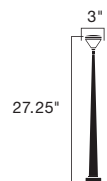
Fixture Photometric (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	13.5	3.7	0.8	0.3	0.2	0.1	-	-	-



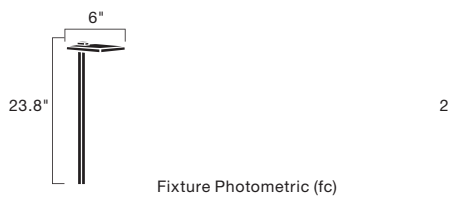
Fixture Photometric (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	7.2	3.5	1.4	0.8	0.5	0.3	-	-	-





Name	<b>LED SHALLOW SHADE - SMALL</b> A design only made possible by today's LED technology, this fixture will surely captivate its audience with its unobtrusive styling. Coordinates with the 15806.	<b>LED SHALLOW SHADE - LARGE</b> A design only made possible by today's LED technology, this fixture will surely captivate its audience with its unobtrusive styling. Coordinates with the 15805.	<b>LED GLASS &amp; METAL</b> A sleek, modern original that combines contemporary style with smooth LED illumination.
Ordering Guide	15805 BKT - Textured Black	15806 BKT - Textured Black	15817 AZT - Textured Architectural Bronze™ 15817 BN - Brushed Nickel
Housing	Cast Aluminum	Cast Aluminum	Aluminum (AZT) or Brass (BN) with glass diffuser
Finish	Textured Black	Textured Black	Textured Architectural Bronze™ or Brushed Nickel
Light Source	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI
Power Usage at 12V AC	5.8 VA 4 W	5.8 VA 4 W	5.8 VA 4 W
Input VA & Watts	Multiply fixture VA by the number of fixtures used to determine size of transformer	Multiply fixture VA by the number of fixtures used to determine size of transformer	Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V - 15V AC/DC	9V - 15V AC/DC	9V - 15V AC/DC
Wiring	30" of useable #18-2, SPT-1W leads. Cable connector supplied.	30" of useable #18-2, SPT-1W leads. Cable connector supplied.	30" of useable #18-2, SPT-1W leads. Cable connector supplied.
Mounting Accessories Included	8" In-ground stake	8" In-ground stake	8" In-ground stake
Optional Mounting Accessories	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket
Incandescent Option	NA	NA	15317 – on page 68
Notes	Not for use with electronic transformers.	Not for use with electronic transformers.	Not for use with electronic transformers.



Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	21.2	12.1	5.3	1.56	.23	.33	.11	.06	-

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	20.7	11.1	4.8	1.56	0.55	0.33	0.11	0.06	-

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	5.47	6.07	3.87	2.12	1.17	0.77	0.38	0.16	0.04



	<b>15815 AZT</b>	<b>15815 BKT</b>	<b>15827 BBR</b>
	<b>HIGH-LOW SETTING</b>	<b>HIGH-LOW SETTING</b>	<b>HIGH-LOW SETTING</b>
<b>Name</b>	<b>LED SIDE MOUNT</b> LED technology is combined with a side mount design for more directional lighting, without glare. Coordinates with matching LED deck light 15765 on page 20.		<b>LED SIDE MOUNT CAST BRASS</b> LED technology is combined with premium solid brass material, engineered to withstand harsh coastal conditions. Coordinates with matching LED deck light 15765 on page 20.
<b>Ordering Guide</b>	15815 AZT - Textured Architectural Bronze™ 15815 BE - Beach 15815 BKT - Textured Black		15827 BBR - Bronzed Brass
<b>Housing</b>	Cast Aluminum		Cast Brass
<b>Finish</b>	Textured Architectural Bronze™, Beach or Textured Black		Bronzed Brass
<b>Light Source</b>	Integrated LEDs and Driver, 2950K (-150/+175), High CRI		Integrated LEDs and Driver, 2950K (-150/+175), High CRI
<b>Power Usage at 12V AC Input VA &amp; Watts</b>	High 5.8 VA 4 W	Low 4 VA 2.5 W	High 5.8 VA 4 W Low 4 VA 2.5 W
	Multiply fixture VA by the number of fixtures used to determine size of transformer		Multiply fixture VA by the number of fixtures used to determine size of transformer
<b>Operating Voltage Range</b>	9V - 15V AC/DC		9V - 15V AC/DC
<b>Wiring</b>	53" of usable #18-2, SPT-1-W leads. Cable connector supplied.		35" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake		8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket		15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket
<b>Optional Lens Accessories</b>	15695 CLR - Sprinkler Shield		15677 CLR - Sprinkler Shield
<b>Incandescent Option</b>	15315 - on page 71		N/A
<b>Notes</b>	Not for use with electronic transformers.		Not for use with electronic transformers.

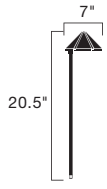
**Fixture Photometric (fc) - High Setting**

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	31.5	17.2	6.7	2.5	1.2	0.5	-	-	-



**Fixture Photometric (fc) - High Setting**

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	31.5	17.2	6.7	2.5	1.2	0.5	-	-	-

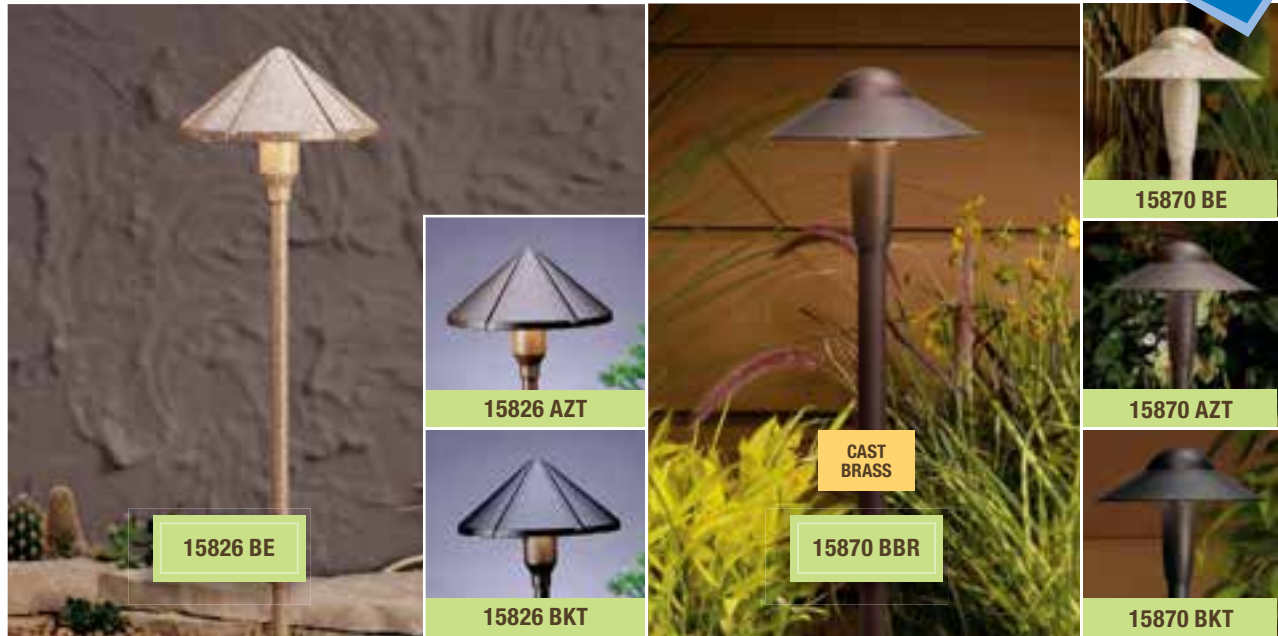


**Fixture Photometric (fc) - Low Setting**

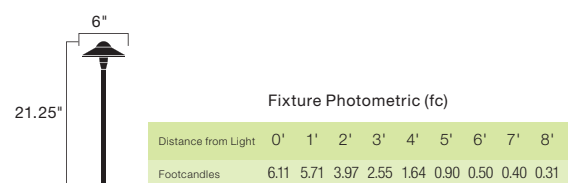
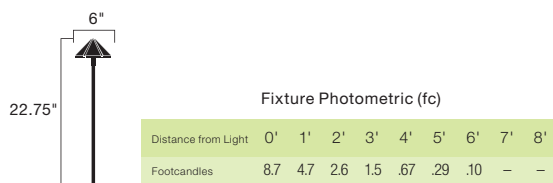
Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	21.3	12	4.1	1.7	0.7	0.2	-	-	-

**Fixture Photometric (fc) - Low Setting**

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	21.3	12	4.1	1.7	0.7	0.2	-	-	-



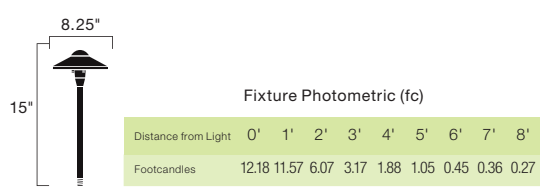
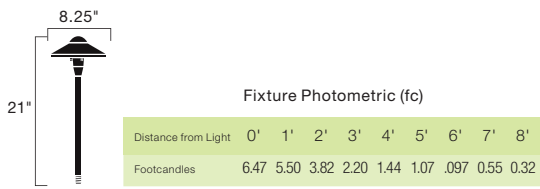
<b>Name</b>	<b>LED CENTER MOUNT</b> Unobtrusive, center mount fixture for maximum light spread with the added benefit of LED technology. Coordinates with matching LED deck light 15765 on page 20.	<b>LED 6" DOME PATH LIGHT</b> A popular look has a new addition with a smaller 6" shade and is available in LED. Coordinates with our 15810 & 15811 LED Domed Roof series.
<b>Ordering Guide</b>	15826 AZT - Textured Architectural Bronze™ 15826 BE - Beach 15826 BKT - Textured Black	15870 AZT - Textured Architectural Bronze™ 15870 BBR - Bronzed Brass 15870 BE - Beach 15870 BKT - Textured Black
<b>Housing</b>	Cast Aluminum	Cast Aluminum, Cast Brass
<b>Finish</b>	Textured Architectural Bronze™, Beach or Textured Black	Textured Architectural Bronze™, Bronzed Brass, Beach, Textured Black
<b>Light Source</b>	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI
<b>Power Usage at 12V AC Input VA &amp; Watts</b>	5.8 VA 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer	5.8 VA 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer
<b>Operating Voltage Range</b>	9V - 15V AC/DC	9V - 15V AC/DC
<b>Wiring</b>	50" of usable #18-2, SPT-1-W leads. Cable connector supplied.	30" of useable #18-2, SPT-1W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket
<b>Incandescent Option</b>	15326 – on page 72	15470 – on page 75
<b>Notes</b>	Not for use with electronic transformers.	Not for use with electronic transformers.







<b>Name</b>	<b>LED DOME PATH LIGHT</b> Now in Design Pro LED, a wider path and spread light that is unobtrusive in the landscape. Coordinates with the 15811 and 15870 path and spread fixtures.	<b>LED DOME PATH LIGHT - SHORT STEM</b> A shorter version of our LED 15810 designed for use in lower planting and smaller garden areas.
<b>Ordering Guide</b>	15810 AZT - Textured Architectural Bronze™ 15810 BBR - Bronzed Brass 15810 BE - Beach 15810 BKT - Textured Black	15811AZT - Textured Architectural Bronze™ 15811 BE - Beach
<b>Housing</b>	Cast Aluminum, Cast Brass	Cast Aluminum
<b>Finish</b>	Textured Architectural Bronze™, Bronzed Brass, Textured Black, Beach	Textured Architectural Bronze™ and Beach
<b>Light Source</b>	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI
<b>Power Usage at 12V AC Input VA &amp; Watts</b>	5.8 VA, 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer	5.8 VA, 4 W Multiply fixture VA by the number of fixtures used to determine size of transformer
<b>Operating Voltage Range</b>	9V - 15V AC/DC	9V - 15V AC/DC
<b>Wiring</b>	30" of useable #18-2, SPT-1W leads. Cable connector supplied.	36" of useable #18-2, SPT-1W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket
<b>Incandescent Option</b>	15310 – on page 74	15410 – on page 75
<b>Notes</b>	Not for use with electronic transformers.	Not for use with electronic transformers.



LOW VOLTAGE

# Design Pro LED Deck & Patio

Guide and gather beneath the beauty of LED.



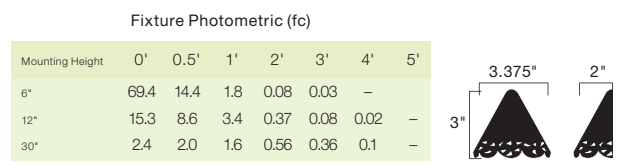
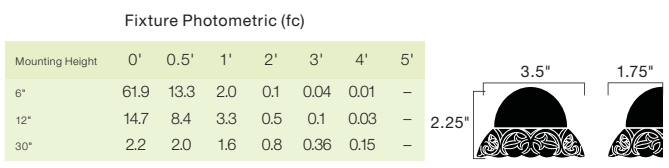


15750 TZT



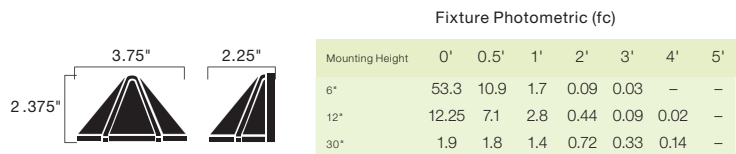
15763 TZT

Name	<b>LED VINTAGE PARK™</b> 19 <sup>th</sup> century charm with the energy efficient benefit of LED technology.	<b>LED DECORATIVE HAMMERED ROOF</b> Traditional designed pierced shade and scalloped edge combines with the energy efficient benefit of LED technology. Coordinates with matching LED path light 15871 and 15843 on page 10.
Ordering Guide	15750 TZT - Textured Tannery Bronze™	15763 TZT - Textured Tannery Bronze™
Housing	Cast Aluminum	Brass
Finish	Textured Tannery Bronze™	Textured Tannery Bronze™
Light Source	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI
Power Usage at 12V AC	2.4 VA 1.9 W	2.4 VA 1.9 W
Input VA & Watts	Multiply fixture VA by the number of fixtures used to determine size of transformer	Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V - 15V AC/DC	9V - 15V AC/DC
Wiring	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.
Mounting Accessories Included	Stainless steel mounting bracket	Stainless steel mounting bracket
Incandescent Option	15050 – on page 85	15063 – on page 85
Notes	Not for use with electronic transformers.	Not for use with electronic transformers.



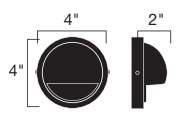


<b>Name</b>	<b>LED MINI DECK LIGHT</b> Versatile mini size and simple styling for multiple applications with the added benefit of LED technology.
<b>Ordering Guide</b>	15765 AZT - Textured Architectural Bronze™ 15765 BBR - Bronzed Brass 15765 BE - Beach 15765 BKT - Textured Black 15765 WHT - Textured White
<b>Housing</b>	Cast Aluminum or Cast Brass
<b>Finish</b>	Textured Architectural Bronze™, Bronze Brass, Beach, Textured Black or Textured White
<b>Light Source</b>	Integrated LEDs and Driver, 2950K (-150/+175), High CRI
<b>Power Usage at 12V AC Input VA &amp; Watts</b>	2.4 VA 1.9 W  Multiply fixture VA by the number of fixtures used to determine size of transformer
<b>Operating Voltage Range</b>	9V - 15V AC/DC
<b>Wiring</b>	72" of usable #18-2, SPT-1-W leads. Cable connector supplied. WHT has coordinating white leads.
<b>Mounting Accessories Included</b>	Stainless steel mounting bracket
<b>Incandescent Option</b>	15065 – on page 90
<b>Notes</b>	Not for use with electronic transformers.



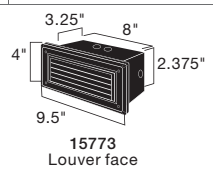


<b>Name</b>	<b>LED HALF MOON</b> Understated, transitional style for deck and patio with the added benefit of LED technology.	<b>LED BRICK LIGHT</b> Designed to be integrated into brick wall during construction. LED version is also usable in vertical risers. Casts a low, even spread of energy efficient LED light. Available with or without louvers.
<b>Ordering Guide</b>	15765 AZT - Textured Architectural Bronze™ 15765 BBR - Bronzed Brass 15765 WHT - Textured White	15773 AZT - Textured Architectural Bronze™ with louver face 15774 AZT - Textured Architectural Bronze™ with heat resistant glass lens
<b>Housing</b>	Aluminum or Cast Brass with satin-etched lens	Cast Aluminum
<b>Finish</b>	Textured Architectural Bronze™, Bronzed Brass, Textured White	Textured Architectural Bronze™
<b>Light Source</b>	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI
<b>Power Usage at 12V AC</b>	2.4 VA 1.9 W	4.8 VA 3.8 W
<b>Input VA &amp; Watts</b>	Multiply fixture VA by the number of fixtures used to determine size of transformer	Multiply fixture VA by the number of fixtures used to determine size of transformer
<b>Operating Voltage Range</b>	9V - 15V AC/DC	9V - 15V AC/DC
<b>Wiring</b>	72" of usable #18-2, SPT-1-W leads. Cable connector supplied. WHT has coordinating white leads.	Wire connection must be made inside fixture
<b>Mounting Accessories Included</b>	Stainless steel mounting bracket	Stainless steel mounting hardware and junction box
<b>Incandescent Option</b>	15064 – on page 90	15073 – on page 95 15074 – on page 95
<b>Notes</b>	Not for use with electronic transformers.	Not for use with electronic transformers.



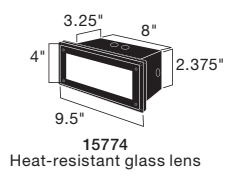
**Fixture Photometric (fc)**

Mounting Height	0'	0.5'	1'	2'	3'	4'	5'
6"	71.5	18.7	2.5	0.14	0.04	0.01	-
12"	16.1	10.8	4.2	0.57	0.13	0.04	0.04
30"	2.7	2.5	2.1	1.04	0.43	.2	0.9



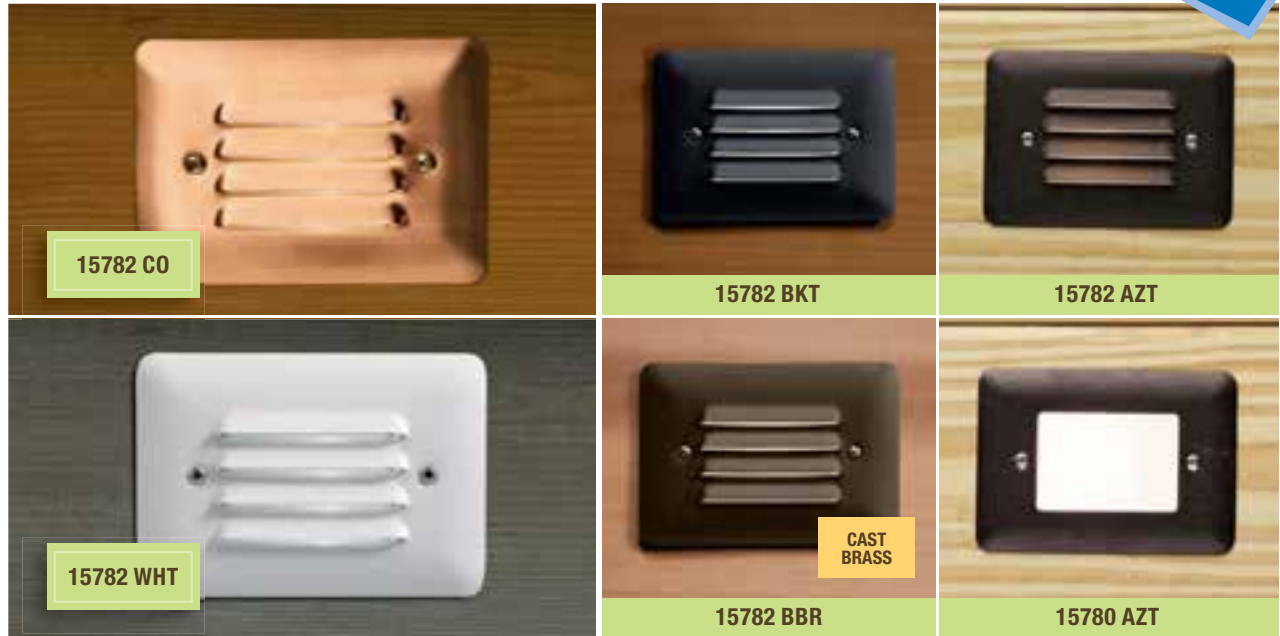
**15773 – Fixture Photometric (fc)**

Mounting Height	0'	0.5'	1'	1.5'	2'	2.5'	3'	4'
12"	0.22	2.08	1.87	1.85	1.3	0.85	-	-
24"	0.12	0.16	0.29	0.72	0.77	0.68	0.52	-
36"	0.04	0.05	0.09	0.12	0.16	.026	.026	-

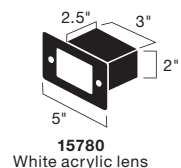


**15774 – Fixture Photometric (fc)**

Mounting Height	0'	0.5'	1'	1.5'	2'	2.5'	3'	4'
12"	2.02	4.17	3.0	2.0	1.0	0.68	0.48	-
24"	0.23	0.61	0.96	0.9	0.75	0.62	0.51	-
36"	0.05	0.16	0.27	0.38	0.38	0.35	0.31	-

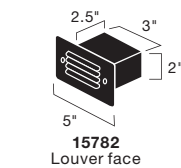


<b>Name</b>	<b>LED MINI STEP LIGHT</b> Designed to be integrated into outdoor steps. Casts a low, even spread of energy efficient LED light. Available with louvered faceplate or with acrylic lens as shown above.
<b>Ordering Guide</b>	15780 AZT - Acrylic Lens, Textured Architectural Bronze™ 15782 AZT - Louvered Lens, Textured Architectural Bronze™ 15782 BBR - Louvered Lens, Bronzed Brass 15782 BKT - Louvered Lens, Textured Black 15782 CO - Louvered Lens, Unfinished Copper 15782 WHT - Louvered Lens, Textured White
<b>Housing</b>	Aluminum, Brass or Copper with white reflector. Zinc plated steel housing. (Copper will naturally patina over time)
<b>Finish</b>	Textured Architectural Bronze™, Bronzed Brass, Textured Black, Copper or Textured White
<b>Light Source</b>	Integrated LED and Driver, 2950K (-150/+175), High CRI
<b>Power Usage at 12V AC Input VA &amp; Watts</b>	2.4 VA 1.9 W Multiply fixture VA by the number of fixtures used to determine size of transformer
<b>Operating Voltage Range</b>	9V - 15V AC/DC
<b>Wiring</b>	Wire connection must be made inside fixture
<b>Mounting Accessories Included</b>	Mounting hardware and junction box
<b>Incandescent Option</b>	15072 – on page 94 15070 – on page 94
<b>Notes</b>	Not for use with electronic transformers.



**15780 – Fixture Photometric (fc)**

Mounting Height	0'	0.5'	1'	1.5'	2'	2.5'	3'	4'
6"	2.9	3.6	1.63	0.8	0.4	0.26	0.17	-
12"	0.45	1.03	1.03	0.69	0.45	0.32	0.23	-



**15782 – Fixture Photometric (fc)**

Mounting Height	0'	0.5'	1'	1.5'	2'	2.5'	3'	4'
6"	1.2	1.96	0.9	0.4	0.16	0.07	0.04	-
12"	0.26	0.55	0.15	0.46	0.23	-	-	-



POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

This installation illuminated exclusively  
with Design Pro LED fixtures

LOW VOLTAGE

# Design Pro LED Hardscape, Deck, Step & Bench

LED like you've never seen it.





## Discover LED like you've never seen it.

Unique Hardscape LED light fixtures that are:

- Designed with a pure, warm, natural 2,950K white light
- Long-life LED light source — 40,000 hours at industry standard L70
- Tested to withstand the elements for years of enjoyment
- Easy to install
- Easily adapts to almost any hardscape, deck, step, or bench application
- Finishes compliment popular stone and decking options: Textured Architectural Bronze, Bronzed Brass, Copper, Gray, Sand and Textured White



DESIGN PRO LED HARDSCAPE,  
DECK, STEP AND BENCH

D

## Maximum Flexibility

The ease of installation, low voltage usage, low profile (.66" wide) and low heat output of Design Pro LED means they can be used in a variety of outdoor applications.

- Retaining walls of all types – new and existing construction
- Brick or stone columns
- Under all types of steps, including wood, composite, stone and brick, etc., with and without risers
- Under deck and chair/hand and fence rails
- Lips or the undersides of a wide variety of outdoor surfaces
- Pergolas
- Outdoor kitchen and bar areas (under lips and toe kicks)
- Raised beds/planters
- Boat docks (as permitted by local codes)
- Customize illumination by mounting farther back, for a scalloped effect, or forward, for a more even effect



Under decks, rails and foot bridges



Privacy fence

## Easy to Install

Thoughtful installation, so whether new or existing construction, you can design effectively and install it efficiently.

A built-in driver and an operable voltage range of 9-15V virtually eliminates voltage drop in every Design Pro LED Hardscape, Deck, Step & Bench Light fixture.



### NEW CONSTRUCTION

LED Light fixture and stainless steel mounting bracket are preassembled and ready to install.



### RETROFIT

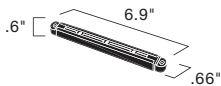
Need to mount on a flat or vertical surface? No problem. The available flat mount accessory brackets (15717 SS, 15718 SS, 15719 SS) allows for a variety of retrofit and new build applications.

### DECK, STEP & BENCH INSTALLATION

Don't need the brackets? Don't pay for them. Kichler provides the product options that make it convenient for your specific job. For non-hardscape applications, the threaded screw holders also allow for easy install. In fact you can mount these LED fixtures on any surface where you can drill two holes.

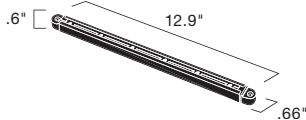


Name	3 LED FIXTURE, W/OUT BRACKET	6 LED FIXTURE, W/OUT BRACKET
Ordering Guide	15735 AZT - Textured Architectural Bronze™ 15735 BBR - Bronzed Brass 15735 CO - Copper 15735 GRY - Gray 15735 SD - Sand 15735 WHT - Textured White	15736 AZT - Textured Architectural Bronze™ 15736 BBR - Bronzed Brass 15736 CO - Copper 15736 GRY - Gray 15736 SD - Sand 15736 WHT - Textured White
Width	.66"	.66"
Length	6.9"	12.9"
Height	.60"	.60"
Housing	Aluminum, Brass, Copper Plated Brass	Aluminum, Brass, Copper Plated Brass
Finish	Textured Architectural Bronze™, Bronzed Brass, Unfinished Copper, Gray, Sand, Textured White	Textured Architectural Bronze™, Bronzed Brass, Unfinished Copper, Gray, Sand, Textured White
Light Source	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	Integrated LEDs and Driver, 2950K (-150/+175), High CRI
Power Usage at 12V AC Input VA & Watts	1.3 VA .75 W Multiply fixture VA by the number of fixtures used to determine size of transformer	2.4 VA 1.4 W Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V - 15V AC/DC	9V - 15V AC/DC
Wiring	70" of useable #18-2, SPT-1W leads. Cable connector supplied. WHT has coordinating white leads.	70" of useable #18-2, SPT-1W leads. Cable connector supplied. WHT has coordinating white leads.
Mounting Accessories Included	Stainless steel mounting screws.	Stainless steel mounting screws.
Optional Mounting Accessories	15717SS - 3 LED Accessory Bracket	15718SS - 6 LED Accessory Bracket
Notes	Not for use with electronic transformers. Copper will naturally patina over time. <b>U.S. Patent Pending.</b>	Not for use with electronic transformers. Copper will naturally patina over time. <b>U.S. Patent Pending.</b>



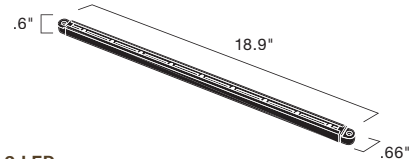
**3 LED**

Mounting Height	Distance from Light Source				
	0'	1'	2'	3'	4'
foot candles at 12"	38.00	4.3	1.60	0.82	0.50
foot candles at 24"	8.71	4.40	1.08	0.64	0.43
foot candles at 36"	4.00	2.39	1.45	0.52	0.32



**6 LED**

Mounting Height	Distance from Light Source				
	0'	1'	2'	3'	4'
foot candles at 12"	56.90	13.60	2.02	1.02	0.61
foot candles at 24"	16.70	8.28	3.80	0.91	0.56
foot candles at 36"	7.50	4.40	2.80	1.56	0.54



**9 LED**

Mounting Height	Distance from Light Source				
	0'	1'	2'	3'	4'
foot candles at 12"	79.40	21.90	2.81	1.40	0.82
foot candles at 24"	24.00	12.16	5.00	1.42	0.94
foot candles at 36"	11.64	7.32	4.48	2.87	1.10

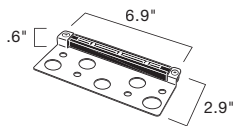


<b>15755 BBR</b>	<b>15755 CO</b>	<b>15755 GRY</b>	<b>15755 SD</b>	<b>15755 WHT</b>
<b>Name</b> 9 LED FIXTURE, W/OUT BRACKET				
<b>Ordering Guide</b> 15755 AZT - Textured Architectural Bronze™      15755 BBR - Bronzed Brass      15755 CO - Copper 15755 GRY - Gray      15755 SD - Sand      15755 WHT - Textured White				
<b>Width</b> .66"				
<b>Length</b> 18.9"				
<b>Height</b> .60"				
<b>Housing</b> Aluminum, Brass, Copper Plated Brass				
<b>Finish</b> Textured Architectural Bronze™, Bronzed Brass, Unfinished Copper, Gray, Sand, Textured White				
<b>Light Source</b> Integrated LEDs and Driver, 2950K (-150/+175), High CRI				
<b>Power Usage at 12V AC Input VA &amp; Watts</b> 3.7 VA 2.2 W Multiply fixture VA by the number of fixtures used to determine size of transformer				
<b>Operating Voltage Range</b> 9V - 15V AC/DC				
<b>Wiring</b> 70" of useable #18-2, SPT-1W leads. Cable connector supplied. WHT has coordinating white leads.				
<b>Mounting Accessories Included</b> Stainless steel mounting screws.				
<b>Optional Mounting Accessories</b> 15719SS - 9 LED Accessory Bracket				
<b>Notes</b> Not for use with electronic transformers. Copper will naturally patina over time. <b>U.S. Patent Pending.</b>				

<b>15717 SS</b>	<b>15718 SS</b>	<b>15719 SS</b>
<b>Name</b> 3 LED FLAT MOUNT BRACKET	<b>6 LED FLAT MOUNT BRACKET</b>	<b>9 LED FLAT MOUNT BRACKET</b>
<b>Fits</b> Fits 15735 (3 LED)	Fits 15736 (6 LED)	Fits 15755 (9 LED)
<b>Dimensions</b> Width - .66", Length - 6.9", Height - .60"	Width - .66", Length - 12.9", Height - .60"	Width - .66", Length - 18.9", Height - .60"
<b>Housing/Finish</b> Stainless Steel	Stainless Steel	Stainless Steel
<b>Notes</b> Mounting hardware included. <b>U.S. Patent Pending.</b>	Mounting hardware included. <b>U.S. Patent Pending.</b>	Mounting hardware included. <b>U.S. Patent Pending.</b>

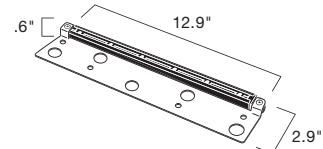


Name	3 LED FIXTURE, WITH BRACKET	6 LED FIXTURE, WITH BRACKET
Ordering Guide	15745 AZT - Textured Architectural Bronze™ 15745 BBR - Bronzed Brass 15745 CO - Unfinished Copper 15745 GRY - Gray 15745 SD - Sand 15745 WHT - Textured White	15746 AZT - Textured Architectural Bronze™ 15746 BBR - Bronzed Brass 15746 CO - Unfinished Copper 15746 GRY - Gray 15746 SD - Sand 15746 WHT - Textured White
Width	.66"	.66"
Length	6.9"	12.9"
Height	.60"	.60"
Housing	Aluminum, Brass, Copper Plated Brass	Aluminum, Brass, Copper Plated Brass
Finish	Textured Architectural Bronze™, Bronzed Brass, Unfinished Copper, Gray, Sand, Textured White	Textured Architectural Bronze™, Bronzed Brass, Unfinished Copper, Gray, Sand, Textured White
Light Source	Integrated LEDs and Driver, 2950K +/- 150, High CRI	Integrated LEDs and Driver, 2950K +/- 150, High CRI
Power Usage at 12V AC Input VA & Watts	1.3 VA .75 W Multiply fixture VA by the number of fixtures used to determine size of transformer	2.4 VA 1.4 W Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V - 15V AC/DC	9V - 15V AC/DC
Wiring	70" of useable #18-2, SPT-1W leads. Cable connector supplied. WHT has coordinating white leads.	70" of useable #18-2, SPT-1W leads. Cable connector supplied. WHT has coordinating white leads.
Mounting Accessories Included	Stainless steel masonry bracket and mounting screws	Stainless steel masonry bracket and mounting screws
Optional Mounting Accessories	NA	NA
Notes	Not for use with electronic transformers. Copper will naturally patina over time. <b>U.S. Patent Pending.</b>	Not for use with electronic transformers. Copper will naturally patina over time. <b>U.S. Patent Pending.</b>



**3 LED**

Mounting Height	Distance from Light Source				
	0'	1'	2'	3'	4'
foot candles at 12"	38.00	4.3	1.60	0.82	0.50
foot candles at 24"	8.71	4.40	1.08	0.64	0.43
foot candles at 36"	4.00	2.39	1.45	0.52	0.32

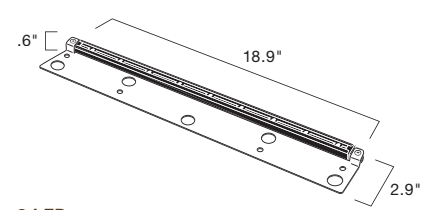


**6 LED**

Mounting Height	Distance from Light Source				
	0'	1'	2'	3'	4'
foot candles at 12"	56.90	13.60	2.02	1.02	0.61
foot candles at 24"	16.70	8.28	3.80	0.91	0.56
foot candles at 36"	7.50	4.40	2.80	1.56	0.54



<b>Name</b>	<b>9 LED FIXTURE, WITH BRACKET</b>
<b>Ordering Guide</b>	15755 AZT - Textured Architectural Bronze™ 15755 BBR - Bronzed Brass 15755 CO - Copper 15755 GRY - Gray 15755 SD - Sand 15755 WHT - Textured White
<b>Width</b>	.66"
<b>Length</b>	18.9"
<b>Height</b>	.60"
<b>Housing</b>	Aluminum, Brass, Copper Plated Brass
<b>Finish</b>	Textured Architectural Bronze™, Bronzed Brass, Unfinished Copper, Gray, Sand, Textured White
<b>Light Source</b>	Integrated LEDs and Driver, 2950K (-150/+175), High CRI
<b>Power Usage at 12V AC Input VA &amp; Watts</b>	3.7 VA 2.2 W Multiply fixture VA by the number of fixtures used to determine size of transformer
<b>Operating Voltage Range</b>	9V - 15V AC/DC
<b>Wiring</b>	70" of useable #18-2, SPT-1W leads. Cable connector supplied. WHT has coordinating white leads.
<b>Mounting Accessories Included</b>	Stainless steel masonry bracket and mounting screws
<b>Optional Mounting Accessories</b>	NA
<b>Notes</b>	Not for use with electronic transformers. Copper will naturally patina over time. <b>U.S. Patent Pending.</b>



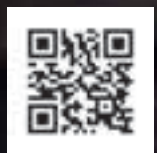
**9 LED**

	Distance from Light Source				
Mounting Height	0'	1'	2'	3'	4'
foot candles at 12"	79.40	21.90	2.81	1.40	0.82
foot candles at 24"	24.00	12.16	5.00	1.42	0.94
foot candles at 36"	11.64	7.32	4.48	2.87	1.10



POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

This installation illuminated exclusively  
with Design Pro LED fixtures



Meet the professionals  
behind the lighting



LOW VOLTAGE

# Design Pro LED Accent

Discover the superior lighting quality and energy efficient advantage.



POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

This installation illuminated exclusively  
with Design Pro LED fixtures





Standard MR-16

Kichler Design Pro LED

Competitor LED

# Seeing is Believing

Kichler Design Pro LED performs and the proof is in the pictures! In a side-by-side comparison of a standard halogen MR-16, a Kichler Design Pro LED and a competitor's LED product, the quality of the Design Pro light is comparable to standard bulbs and the light spread is noticeably more defined.

## MR-16

Note the irregular shape of the light in the MR-16 and the dark spot in the center of the beam. There are also a number of fractures and flaws in the light pool, including a lower portion that's brighter than the upper. Although the lighting is dense, the nature of the technology makes it somewhat inconsistent.

## Design Pro LED

With Kichler Design Pro LED, these drawbacks are eliminated. The pool of light is a nearly perfect circle that gives you exacting results and precise

illumination. It's a consistent distribution of clear, warm and inviting light. And, with multiple beam spreads and wattages, you get maximum lumens customized to your needs.

## Competitor

With the competitive LED, there's a distinctive blue-hue, giving the lighted surface little warmth. Despite drawing more power, the lumen output is decidedly lower. Plus, with limited beam-spread options, the light has a less natural, more conical appearance.

*Note: all products were photographed against the same backdrops (plain flat backdrop and stone wall) at the same beam spread angle. No camera tricks or retouching were used.*



BBR FINISH IS CAST BRASS

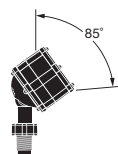
**15731 (10° spot) 15732 (35° flood)  
15733 (60° wide flood) 4.5W AZT, BBR, BKT  
(shown with optional snap-on cowl)**



BBR FINISH IS CAST BRASS

**15741 (10° spot) 15742 (35° flood)  
15743 (60° wide flood)  
8.5W AZT, BBR (shown), BKT**

<b>Name</b>	<b>LED ACCENT LIGHTS</b> A full collection of accent lights engineered to provide the spread of light needed with the amount of lumen or light output desired.		
<b>Housing</b>	Cast Aluminum or Cast Brass with clear tempered glass lens and polycarbonate mounting stem and locknut. Integrated driver.		
<b>Finish</b>	Textured Architectural Bronze™, Bronzed Brass, or Textured Black		
<b>Light Source</b>	Integrated LEDs and Driver, 2950K (-150/+175), High CRI		
<b>Power Usage at 12V AC Input VA &amp; Watts</b>	<b>15731, 15732, 15733</b> VA Total: 7.5 Watts Total: 4.5	<b>15741, 15742, 15743</b> VA Total: 12.2 Watts Total: 8.5	<b>15751, 15752, 15753</b> VA Total: 16.7 Watts Total: 12.4
	Multiply fixture VA by the number of fixtures used to determine size of transformer		
<b>Operating Voltage Range</b>	9V - 15V AC/DC		
<b>Wiring</b>	35" of usable #18-2, SPT-1 -W leads. Cable connector supplied.		
<b>Wire Mounting Accessories Included</b>	8" In-ground stake		
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Bracket 15609 – Junction Box Mounting Bracket	15647 – 90° Elbow	
<b>Optional Snap-On Cowl Accessories</b>	15701 AZTP, BKTP Short Cowl for use with 4.5W and 8.5W size. Finishes to match accent fixtures. 15703 AZTP, BKTP Long Cowl for use with 4.5W and 8.5W size. Finishes to match accent fixtures.	15702 AZTP, BKTP Short Cowl for use with 12.4W size. Finishes to match accent fixtures. 15704 AZTP, BKTP Long Cowl for use with 12.4W size. Finishes to match accent fixtures.	<b>For BBR fixture finishes, use AZTP</b>
<b>Optional Lens Accessories</b>	Amber – Offers warmer hues of light 15875 AMB For use with 4.5W/8.5W size 15876 AMB For use with 12.4W size	Green – Intensify the greens of foliage 15885 GRN For use with 4.5W/8.5W size 15886 GRN For use with 12.4W size	Frosted – Diffuse light where you need it 15895 FRO For use with 4.5W/8.5W size 15896 FRO For use with 12.4W size
	Designed and tested to work with the wavelengths of LED lighting		
<b>Notes</b>	See photometrics on pages 139 <b>U.S. Patent Pending</b> <b>Not for use with electronic transformers.</b>		



15647 BKT shown with 18" fixture mounting stem (15657 BKT) and LED Accent Light (15731 BKT), both sold separately.





Improved Cowls with easy one step snap-on installation – glare shield rotates 360° in ring and retains its desired shield position.



Ordering Guide	Fixture Details	Beam Angle				
		10°	35°	60°		
Ordering Guide	15731 AZT, BBR, BKT 4.5W LED Accent fixture 10° spot 15732 AZT, BBR, BKT 4.5W LED Accent fixture 35° flood 15733 AZT, BBR, BKT 4.5W LED Accent fixture 60° wide flood 7.5 VA 4.5-W Design Pro LED is comparable to 20 W MR-16	<p>3" 5.5"</p> <p><b>4.5 W:</b> 15731 15732 15733</p>	7.5 VA 4.5-W	15731	15732	15733
	15741 AZT, BBR, BKT 8.5W LED Accent fixture 10° spot 15742 AZT, BBR, BKT 8.5W LED Accent fixture 35° flood 15743 AZT, BBR, BKT 8.5W LED Accent fixture 60° wide flood 12.2 VA 8.5-W Design Pro LED is comparable to 35 W MR-16	<p>3" 5.5"</p> <p><b>8.5 W:</b> 15741 15742 15743</p>	12.2 VA 8.5-W	15741	15742	15743
	15751 AZT, BBR, BKT 12.4W LED Accent fixture 10° spot 15752 AZT, BBR, BKT 12.4W LED Accent fixture 35° flood 15753 AZT, BBR, BKT 12.4W LED Accent fixture 60° wide flood 16.7 VA 12.4-W Design Pro LED is comparable to 50 W MR-16	<p>3.5" 6"</p> <p><b>12.4 W:</b> 15751 15752 15753</p>	16.7 VA 12.4-W	15751	15752	15753



Amber – Offer warmer hues of light  
15875 AMB For use with 4.5W/8.5W size  
15876 AMB For use with 12.4W size



Green – Intensify the greens of foliage  
15885 GRN For use with 4.5W/8.5W size  
15886 GRN For use with 12.4W size

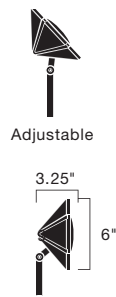


Frosted – Diffuse light where you need it  
15895 FRO For use with 4.5W/8.5W size  
15896 FRO For use with 12.4W size

Lenses include replacement gasket, Allen wrench, and extra ring screws. Colored lenses will slightly reduce light output.



Name	<b>LED WALL WASH ACCENT LIGHT</b> Our Design Pro LED Wall Wash creates a low, even light spread that illuminates shrubs, plants and textured wall surfaces and silhouettes special details. Fully adjustable knuckle.	
Ordering Guide	15861 AZT - Textured Architectural Bronze™ 15861 BKT - Textured Black	15861 BBR - Bronzed Brass
Housing	Cast Aluminum, Cast Brass	
Finish	Textured Architectural Bronze™, Textured Black, Bronzed Brass	
Light Source	Integrated LEDs and Driver, 2950K (-150/+175), High CRI	
Power Usage at 12V AC	High 5.8 VA	Low 4 VA
Input VA & Watts	4 W      2.5 W Multiply fixture VA by the number of fixtures used to determine size of transformer	
Operating Voltage Range	9V - 15V AC/DC	
Wiring	64" of usable #18-2, SPT-1-W leads.	
Mounting Accessories Included	8" In-ground stake	
Optional Mounting Accessories	15601 - Surface mounting flange 15607 - Surface mounting bracket 15647 - 90° Elbow	



Fixture Photometric (fc)

Distance from Wall	0'	1'	2'	3'	4'	5'	6'	7'	8'	9'
4'	5.6	4.1	2.9	1.8	1.2	.81	.46	.35	.17	.12
8'	1.4	1.3	1.0	.90	.72	.58	.46	.38	.29	.23

# Understanding LED Lighting

# LED Energy & Cost Comparison

## Understanding Watts and VA (volts x amps)

Kichler Landscape LED drivers convert the 12V AC current to a DC current specified by the LED chip manufacturer. When electric power is converted from AC to DC, there are losses and changes to the electrical properties; these effects are known as the "Power Factor".

In an LED lighting installation it is necessary to use the VA value of a fixture in order to compute and select a transformer with adequate power for the system. *For your convenience Kichler supplies the VA as well as the Wattage for each of the fixtures in our catalog.*

## What does this mean to the system designer?

There are two areas to consider: the load on the transformer and Watts consumed according to the electric power company.

## The load on the transformer

The "VA" (volts x amps) rating on Kichler Landscape products represents the value used when calculating the total system load. This VA number will help you determine the correct size transformer for an LED installation.

### Example:

Number x VA value = Transformer Load of Fixtures Requirement

(8) Fixtures x 12.2VA ea. = 97.8VA



15742

U.S. Patent Pending

This LED system requires at least a 100 Watt transformer

## The Watts consumed according to the power company

When determining the cost of ownership use the Watt rating of the LED fixture. This represents the actual electric consumption for which the homeowner will be billed.

### Example:

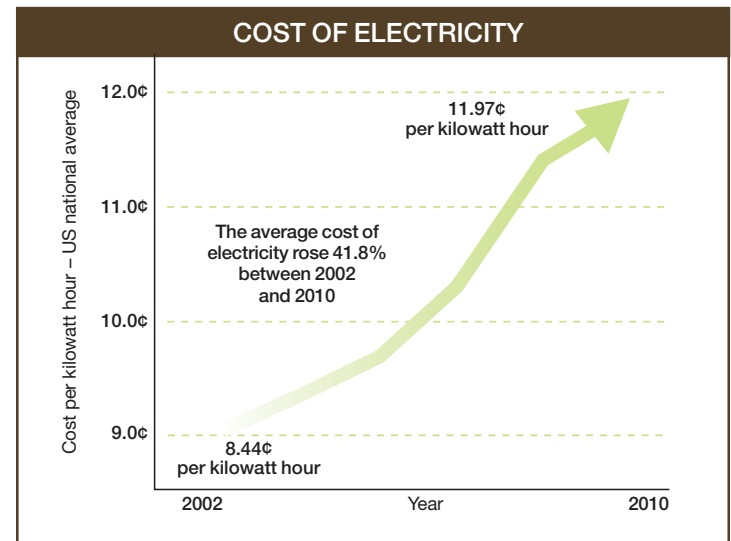
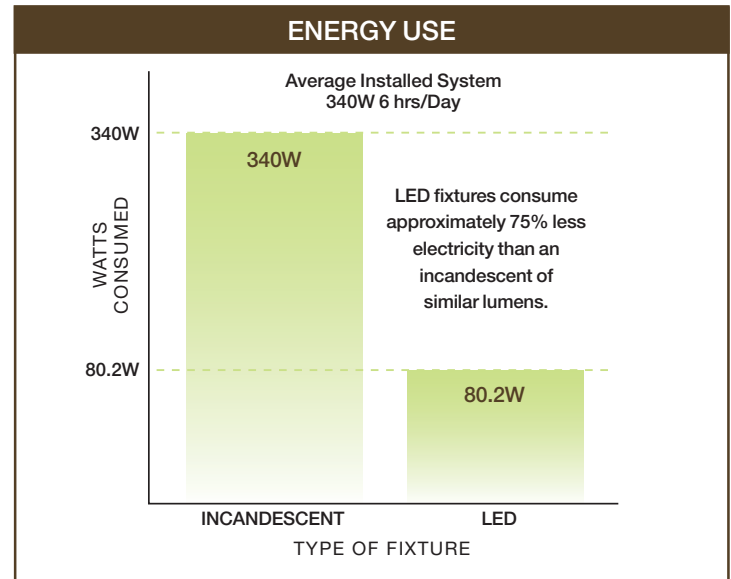
Number x Watts = Actual Electric Consumption of Fixtures

(8) Fixture x 8.5 Watts ea. = 68 Watts



15742

U.S. Patent Pending



## High Energy Efficiency:

- Create maximum impact on the landscape with a minimum effect on the environment
- 75% less energy consumption than traditional incandescent/halogen fixtures
- Long-term cost savings and superior long-life light source (40,000 hours, L70 life)

LOW VOLTAGE

# Design Pro LED Well Lights

In-ground lighting that's above the norm.

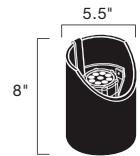
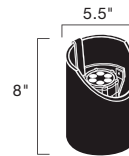
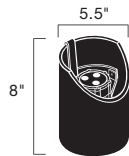


POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

This installation illuminated with  
Design Pro LED Well Lights



<b>Name</b>	<b>LED WELL LIGHT</b> LED technology in a versatile design with reversible support sleeve to accommodate uplighting when flush mounting or angled lighting are desired in a semi-recessed application. Fully adjustable and available in a wide variety of outputs and beam spreads.		
<b>Ordering Guide</b>	<b>4.5W Version</b> 15767 BKT - 10° spot 15768 BKT - 35° flood 15769 BKT - 60° wide flood	<b>8.5W Version</b> 15728 BKT - 10° spot 15747 BKT - 35° flood 15748 BKT - 60° wide flood	<b>12.4W Version</b> 15729 BKT - 10° spot 15757 BKT - 35° flood 15758 BKT - 60° wide flood
<b>Housing</b>	Cast aluminum fixture body with a heavy duty polypropylene sleeve and stainless steel gimble ring.		
<b>Finish</b>	Textured Black		
<b>Light Source</b>	Integrated LEDs and Driver, 2950K (-150/+175), High CRI		
<b>Power Usage at 12V AC Input VA &amp; Watts</b>	15767, 15768, 15769 7.5VA, 4.5W	15728, 15747, 15748 12.2VA, 8.5W	15729, 15757, 15758 16.7VA, 12.4W
<b>Operating Voltage Range</b>	9V - 15V AC/DC		
<b>Wiring</b>	35" of useable #18-2, SPT-1W leads. Cable connector supplied.		
<b>Optional Accessories</b>	<b>Snap on Cowl:</b> 15701BKTP - Short 4.5W/8.5W, 15702BKTP - Short 12.4W , 15703BKTP - Long 4.5W/8.5W, 15704BKTP - Long 12.4W <b>Rockguards/ Glare Shield:</b> 15787BK - Fits all versions <b>Custom Lenses:</b> Amber - 4.5W/8.5W - 15875AMB, Amber - 12.4W - 15876AMB, Green - 4.5W/8.5W - 15885GRN, Green - 12.4W - 15886GRN, Frosted - 4.5W/8.5W - 15895FRO, Frosted - 12.4W - 15896FRO		
<b>Notes</b>	See photometrics on page 139. Kichler LED Comparison: 4.5W is approximately comparable to a 20W MR16, a 8.5W to a 35W MR16, and a 12.4W to a 50W MR16 Not for use with electronic transformers.		



	<b>15787 BK</b>	<b>Name</b>	<b>LED WELL LIGHT COVER</b>
		<b>Housing</b>	Rock guard accessory for Design Pro LED Well Light Series
		<b>Finish</b>	High Strength Polycarbonate
			Black Polycarbonate
		<b>For use with the following fixtures</b>	15767BKT, 15768BKT, 15769BKT, 15728BKT, 15747BKT, 15748BKT, 15729BKT, 15757BKT, 15758BKT

15787 BK snaps easily into place on flat side of fixture's sleeve.

LOW VOLTAGE

Design Pro LED

# 2-in-1 Water/Accent Light

Versatile lighting that's at home in and out of water.



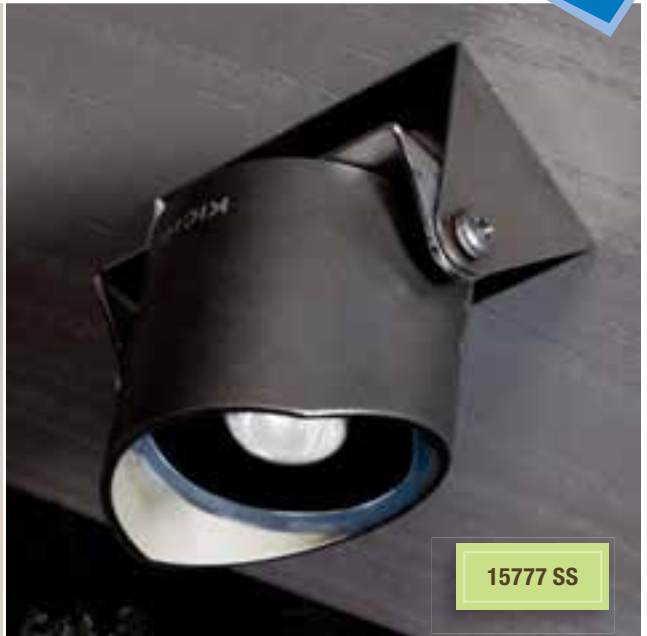
POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

This installation illuminated exclusively  
with Design Pro LED fixtures





15711 SS



15777 SS

Name	<b>2-IN-1 WATER/ACCENT LIGHT</b> Designed for underwater use in ponds, fountains, and other water features. Can also be used out of water as a mini accent light – ideal for wood decks and overhangs.
Ordering Guide	15711 SS - Stainless Steel
Housing	Stainless Steel housing with integrated cowl
Finish	SS - Stainless Steel with Brushed Finish
Light Source	Integrated LED's and Driver, 60° beam spread High CRI and tight color consistency 3000K color temp (+220/-175) Light output is equivalent to a 15 W MR11
Power Usage at 12V AC Input VA & Watts	4.9 VA 3.4 W
Operating Voltage Range	9V - 15V AC/DC
Wiring	25ft of usable #18-2, SPT-2W leads
Optional Mounting Accessories	15776 BK - Multi-fixture weighted base. <b>U.S. Patent Pending</b> 15777 SS- Out-of-water bracket. <b>U.S. Patent Pending</b> 15778 BK- Single-fixture weighted base. <b>U.S. Patent Pending</b>
Notes	Filled and sealed with two types of premium encapsulate to ensure fixture is completely watertight, 1/4 20 threaded mounting tap. Not for use with electronic transformers. <b>U.S. Patent Pending</b>

Stainless steel easy mount bracket for use above ground on any surface – ideal for wood and masonry when used on decks, patios or overhangs.



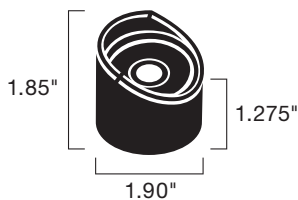
15776 BK

Unique heavy weighted 3 pronged underwater accessory for 2 or 3 fixtures to give maximum flexibility and directional capability.



15778 BK

Heavy weight 1 prong underwater light accessory for standard installations. Provides advanced directional capability.



Distance from Source (ft)	Illuminance (footcandles)	Beam Width (ft)
4	5.6	3.3
8	1.5	6.5
16	0.4	13.0
24	0.2	19.5
32	0.1	26.0
40	0.1	32.5

Water reduces light output by 10% per foot of depth



POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

This installation illuminated exclusively  
with Design Pro LED fixtures



Get Inspired.  
See the lighting design story



LOW VOLTAGE

# Incandescent Path & Spread

Let stylish design and durable construction light the way.





15379 OZ

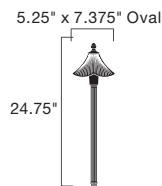


15446 OZ



15447 OZ

<b>Name</b>	<b>GATE HOUSE</b> Classic estate styling.	<b>ARIES MANOR™</b> An elegant and stately path light featuring solid brass construction, a turned spindle stem.	<b>ARIES MANOR™</b> An elegant and stately indirect path light featuring solid brass construction and a turned spindle stem.
<b>Ordering Guide</b>	15379 OZ - Olde Bronze®	15446 OZ - Olde Bronze®	15447 OZ - Olde Bronze®
<b>Housing</b>	Cast Brass	Brass with cocoa turned marble accent. Citrine glass.	Brass with cocoa turned marble accent.
<b>Finish</b>	Olde Bronze®	Olde Bronze®	Olde Bronze®
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 16.25-W(VA) Supplied: 921X (17025) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)
<b>Wiring</b>	34" of usable #18-2, SPT-1-W leads. Cable connector supplied	24" of usable #18-2, SPT-1-W leads. Cable connector supplied.	24" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	14" In-ground stake	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
<b>Notes</b>	<b>U.S. Patent No. D561,371</b>		



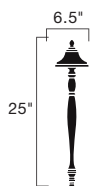
Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	8.16	3.43	3.43	1.46	.33	-	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	0.5	1.1	0.8	0.4	0.1	0	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	6.9	4.9	2.9	1.3	0.4	0.1	-	-	-

PATH & SPREAD LOW VOLTAGE



<b>Name</b>	<b>SINGLE-TIER LEAF</b> Delicate leaf form casts a warm, diffused light along a walkway or near an entryway.	<b>INTAGLIO BRASS CROOK NECK</b> A richly detailed solid and heavy crookneck path light with a brass shade that has been engraved and etched with an organic pattern.	<b>AINSLEY SQUARE</b> Pierced brass dome and stem and verdigris finish for stylish path lighting.
<b>Ordering Guide</b>	15314 AZT - Textured Architectural Bronze™ 15314 MST - Textured Midnight Spruce™	15436 OZ - Olde Bronze®	15347 VGB - Verdigris with Aged Brass
<b>Housing</b>	Cast Aluminum	Brass	Brass
<b>Finish</b>	Textured Architectural Bronze™ or Textured Midnight Spruce™	Olde Bronze®	Verdigris with Aged Brass
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent T-5 wedge base socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)
<b>Wiring</b>	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.	26" of usable #18-2, SPT-1-W leads. Cable connector supplied.	32" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
<b>Notes</b>			<b>U.S. Patent Pending</b>



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	2.6	3.2	1.2	.5	.2	-	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	8.9	5.3	2.1	0.5	.02	0	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	2.7	1.1	.3	.2	-	-	-	-	-



15369 TZT



15393 OZ



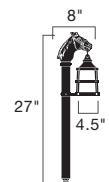
15426 BKT

<b>Name</b>	<b>VINTAGE PARK™</b> Graceful curves and elegant detailing in a vintage design.	<b>KENTUCKY</b> Classic path light tastefully captures the traditional hunt club style.	<b>ALMERIA™</b> Graceful curves and elegant detail are silhouetted by a tawny glow for a classic elegant look emulating Mediterranean sophistication.
<b>Ordering Guide</b>	15369 TZT - Textured Tannery Bronze™	15393 OZ - Olde Bronze®	15426 BKT - Textured Black
<b>Housing</b>	Cast Aluminum with tea dust glass	Cast Brass with light linen glass	Aluminum and Brass with light umber glass
<b>Finish</b>	Textured Tannery Bronze™	Olde Bronze®	Textured Black
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 18.5-W(VA) Supplied: 18.5-W(VA) 3155K (15599 CLR) Krypton light source	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 11.6-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)
<b>Wiring</b>	32" of usable #18-2, SPT-1-W leads. Cable connector supplied.	41" of usable #18-2, SPT-1-W leads. Cable connector supplied.	34" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
<b>Notes</b>	<b>U.S. Patent No. D570,517</b>	<b>U.S. Patent Pending</b>	<b>U.S. Patent No. D578,238</b>



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	10.13	4	.9	.1	-	-	-	-	-



Photometric with Lamp Supplied (fc)

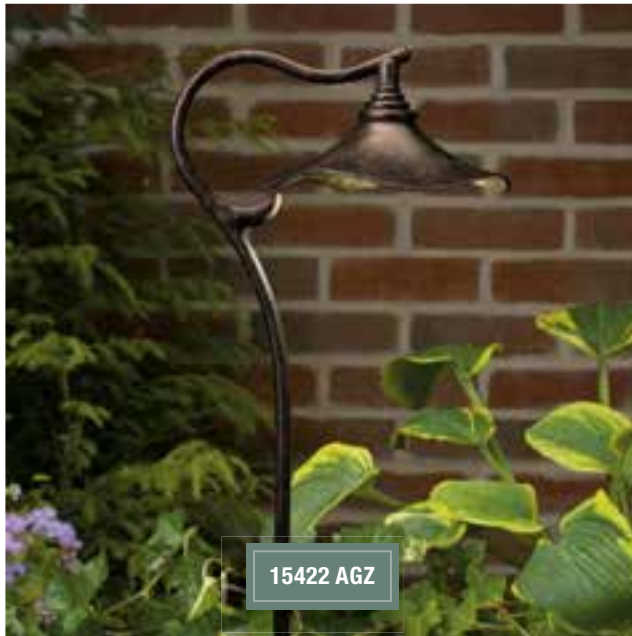
Distance from Light	6"	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	8.96	2.6	.43	.13	-	-	-	-	-



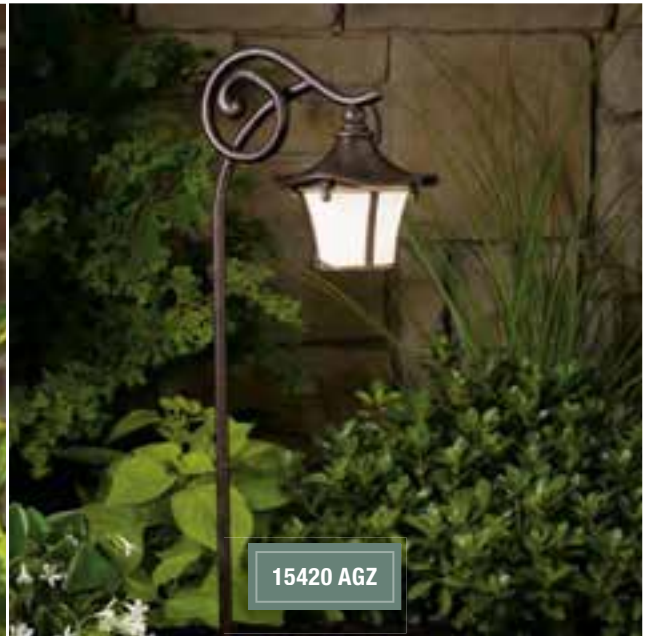
Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	10	5.2	.8	.2	-	-	-	-	-

PATH & SPREAD LOW VOLTAGE

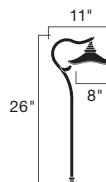


15422 AGZ



15420 AGZ

<b>Name</b>	<b>COTSWOLD™</b> Curvy edition with old world charm, this path light spreads light with style that blends into nature for a lower profile light source.	<b>COTSWOLD™</b> Lantern style path light with an old world, curvy cap. A curly stem adds unique charm to a popular traditional look.
<b>Ordering Guide</b>	15422 AGZ - Aged Bronze	15420 AGZ - Aged Bronze
<b>Housing</b>	Cast Aluminum	Cast Aluminum with weathered white glass
<b>Finish</b>	Aged Bronze	Aged Bronze
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)
<b>Wiring</b>	26" of usable #18-2, SPT-1-W leads. Cable connector supplied.	28" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket



Photometric with Lamp Supplied (fc)

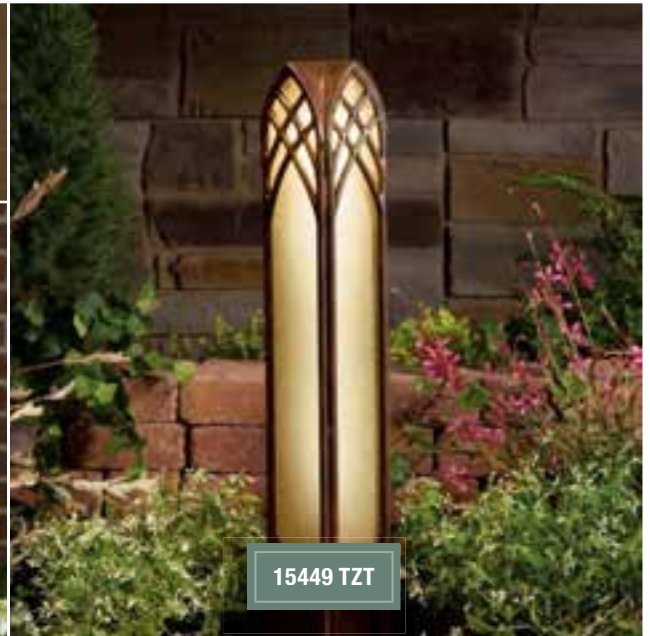
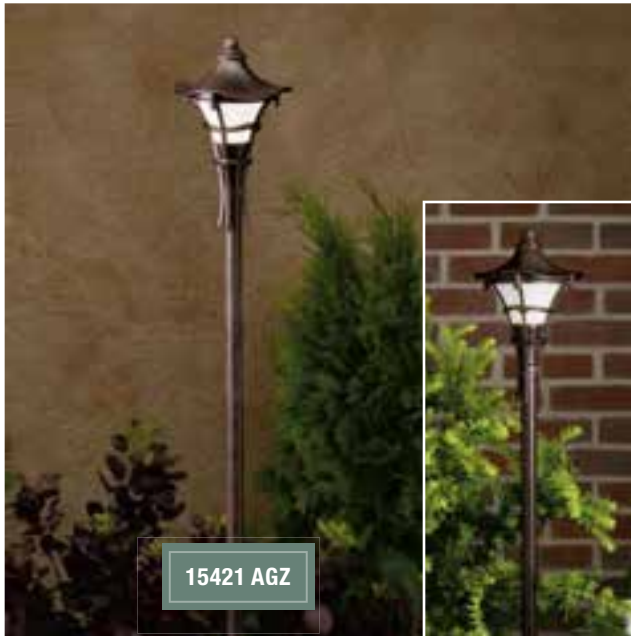
Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	8.8	7	3.6	1.4	.4	-	-	-	-



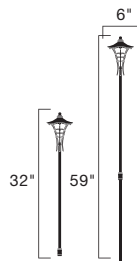
Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	14.9	2.5	1.3	.5	.1	-	-	-	-



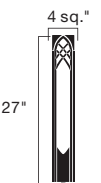


<b>Name</b>	<b>COTSWOLD™ CONVERTIBLE HEIGHT TIKI</b> Adjustable-height stem converts path light to a Tiki torch style for use around patios, barbeque grills or outdoor dining areas.	<b>CATHEDRAL BOLLARD</b> Cathedral arches and interwoven bands created to form a transitional stanchion for the garden's edge.
<b>Ordering Guide</b>	15421 AGZ - Aged Bronze	15449 TZT - Textured Tannery Bronze™
<b>Housing</b>	Cast Aluminum with weathered white glass	Aluminum with dark citrine glass
<b>Finish</b>	Aged Bronze	Textured Tannery Bronze™
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) (2) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021) (2 required)
<b>Wiring</b>	24" of usable #18-2, SPT-1-W leads at high position. 50" usable leads at low position. Cable connector supplied with fixture.	22" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	14" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	



Photometric with Lamp Supplied (fc)

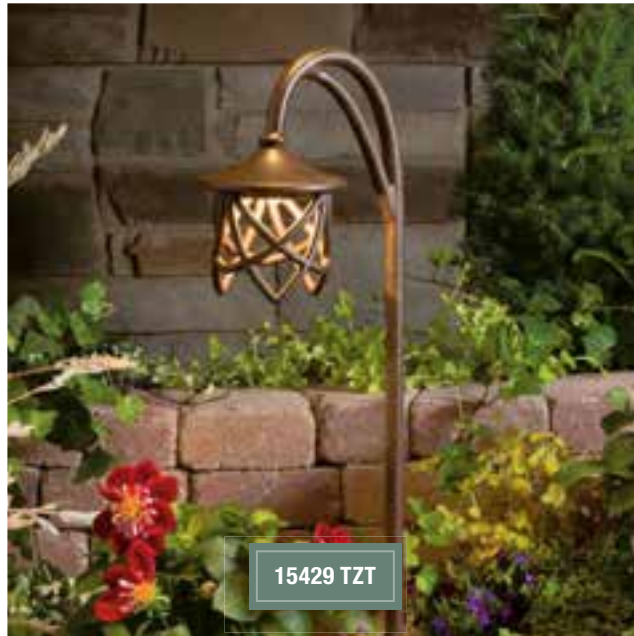
Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	.25	.3	.2	.1	-	-	-	-	-



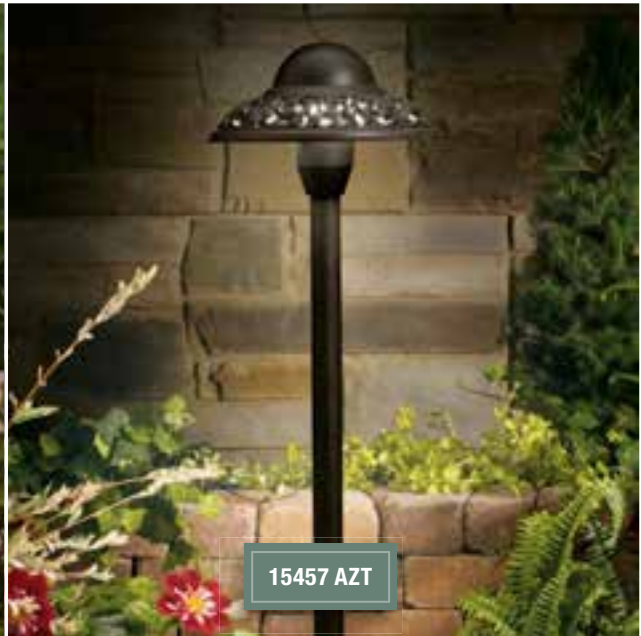
Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	0.44	1.81	1.26	0.70	0.39	0.25	0.16	.012	0.10

PATH & SPREAD LOW VOLTAGE



15429 TZT



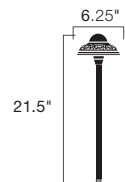
15457 AZT

<b>Name</b>	<b>CATHEDRAL™</b> Transitional styling with draped arches of interwoven bands.	<b>PIERCED DOME</b> A cast dome sculpted with a floral band and pierced to reveal a trickle of light.
<b>Ordering Guide</b>	15429 TZT - Textured Tannery Bronze™	15457 AZT - Textured Architectural Bronze™
<b>Housing</b>	Aluminum	Cast Aluminum
<b>Finish</b>	Textured Tannery Bronze™	Textured Architectural Bronze™
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 16.25-W(VA) Supplied: 16.25-W(VA) 921X (17025) Xenon light source Optional: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)
<b>Wiring</b>	24" of usable #18-2, SPT-1-W leads. Cable connector supplied.	24" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	7.52	5.42	4.47	3.15	2.32	1.65	1.15	0.82	0.60



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	9.36	6.22	4.76	3.42	2.52	1.82	1.32	0.96	0.70



15437 TZT

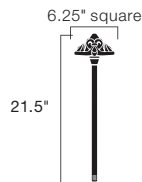


15330 OZ



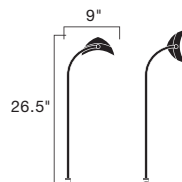
15332 OZ

<b>Name</b>	<b>PIERCED SCROLLWORK</b> Classic style scrollwork is pierced and shaped into a pyramid allowing the light to play against the sculpted textures.	<b>ADJUSTABLE CRESENT</b> Adjustable shade on this versatile fixture allows it to be used as a path or accent light or for wall washing.	<b>FROG AT PLAY</b> A mixture of whimsy and function creates a clever accent near a pond or along a path.
<b>Ordering Guide</b>	15437 TZT - Textured Tannery Bronze™	15330 OZ - Olde Bronze®	15332 OZ - Olde Bronze®
<b>Housing</b>	Cast Aluminum	Adjustable brass shade	Brass
<b>Finish</b>	Textured Tannery Bronze™	Olde Bronze®	Olde Bronze®
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent S-8 wedge base socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 16.25-W(VA) 921X (17025) Xenon light source Optional: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 18.5-W(VA) Supplied: 18.5-W(VA) 3155K (15599 CLR) Krypton light source
<b>Wiring</b>	24" of usable #18-2, SPT-1-W leads. Cable connector supplied.	42" of usable #18-2, SPT-1-W leads. Cable connector supplied.	23" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake	14" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket



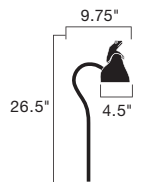
Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	11.04	6.99	3.14	1.56	0.44	0.10	0.05	0.03	-



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	15.18	9.98	4.13	1.52	.6	.22	.03	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	.5'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	13.5	8.3	3.8	1.7	.8	.4	.1	-	-



15307 CO

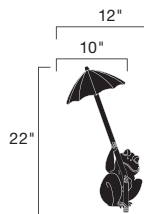


15325 PZ



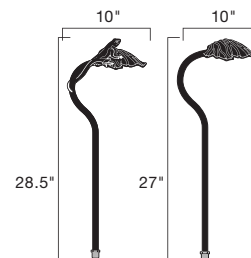
15324 PZ

<b>Name</b>	<b>FROG AND UMBRELLA</b> Weathered verdigris frog perched under an umbrella to accent a path or sit in the landscape.	<b>LEAF WITH OR WITHOUT LIZARD</b> Organic leaf design integrates naturally into any garden setting as a path light. Add the lizard to create a unique focal point.
<b>Ordering Guide</b>	15307 CO - Unfinished Copper	15325 PZ - Patina Bronze with Lizard 15324 PZ - Patina Bronze without Lizard
<b>Housing</b>	Copper stem and umbrella. Composite resin frog.	Die-cast zinc shade and brass stem. Lizard made of composite resin.
<b>Finish</b>	Unfinished Copper (Copper will naturally patina over time)	Patina Bronze
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)
<b>Wiring</b>	34" of usable #18-2, SPT-1-W leads. Cable connector supplied.	41" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	21.1	7.3	1.7	.7	.5	-	-	-	-

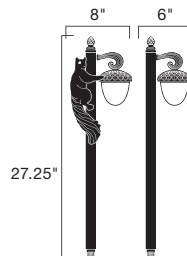


Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	22.4	13.1	5.4	2	.8	.3	.1	-	-

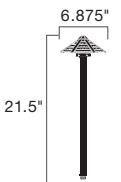


Name	<b>ACORN WITH OR WITHOUT SQUIRREL</b> Available with or without squirrel to create a strategically placed accent light and maintain a coordinated look.	<b>THATCHED ROOF</b> The casual style indicative of island life is reproduced in this cast aluminum lighting fixture. Coordinates with matching deck light 15461 on page 85.
Ordering Guide	15358 OZ - Olde Bronze® with Textured Weatherstone squirrel 15359 OZ - Olde Bronze® without squirrel	15401 AZT - Textured Architectural Bronze™
Housing	Cast Brass and linen glass. Squirrel made of durable outdoor resin.	Cast Aluminum with clear glass sprinkler shield
Finish	Olde Bronze® with Textured Weatherstone squirrel	Textured Architectural Bronze™
Light Source	12V Incandescent T-5 wedge base socket	12V Incandescent T-3 bi-pin, high temperature porcelain socket
Power Usage at 12V AC Input	VA MAX: 16.25-W(VA) Supplied: 16.25-W(VA) 921X (17025) Xenon light source Optional: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 20-W(VA) Supplied: 20-W(VA) T-3 (17012) halogen Halogen light source Optional: 10-W(VA) T-3 (17011)
Wiring	38" of usable #18-2, SPT-1-W leads. Cable connector supplied.	20" of usable #18-2, SPT-1-W leads. Cable connector supplied.
Mounting Accessories Included	8" In-ground stake	8" In-ground stake
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
Notes	<b>U.S. Patent Pending</b>	



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	11.3	8.1	3.7	1.7	.7	.3	.1	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	9.9	7.3	1.7	.76	.16	-	-	-	-



15373 BKT



15443 TZT



15443 VG



15443 OB/15443 OB6  
15443 NBK



15443 CO

<b>Name</b>	<b>TEXTURED TREE BARK</b> Combines traditional shapes with natural textures for a popular lodge style.	<b>DECORATIVE HAMMERED ROOF</b> Pierced shade sheds decorative patterned light over shrubs or gardens. Coordinates with matching deck light 15063 on page 85.
<b>Ordering Guide</b>	15373 BKT    Textured Black	15443 CO    Unfinished Copper, Copper 15443 OB    Olde Brick®, Brass 15443 OB 6    Same as 15443OB. Bulk packed in 6 (unbreakable master). 15443 NBK    New Brick™, Brass, powder coat version of Olde Brick® 15443 TZT    Textured Tannery Bronze™, Brass 15443 VG    Verdigris, Brass
<b>Housing</b>	Resin and Aluminum	Brass or Copper
<b>Finish</b>	Textured Black Trim or simulated Textured Brown Bark	Unfinished Copper, Olde Brick®, Natural Verdigris, New Brick™ or Textured Tannery Bronze™ (Copper will naturally patina over time)
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 18.5-W(VA) Supplied: 18.5-W(VA) 3155K (15599 CLR) Krypton light source	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)
<b>Wiring</b>	23" of usable #18-2, SPT-1-W leads. Cable connector supplied.	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
<b>LED Options</b>	NA	15843 on page 10.
<b>Notes</b>	<b>U.S. Patent Pending</b>	<b>U.S. Patent No. D408,573</b>



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	6.93	4.33	.15	-	-	-	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	8.9	2.8	.6	.15	-	-	-	-	-



<b>Name</b>	<b>CAST HAMMERED ROOF</b> Pierced shade sheds decorative patterned light over shrubs, gardens, or walkways. Coordinates with matching deck light 15063 on page 85.	<b>RIBBED ROOF</b> Simple ribs and valleys are combined with a fluted column to blend with every landscape setting and any home exterior. Coordinates with matching deck light 15468 on page 95.	<b>TULIP</b> Traditionally elegant tulip shade on a grace-fully curved stem. Effective as a grouping in a flower bed or along a path.
<b>Ordering Guide</b>	15471 BBR - Bronzed Brass, Brass 15471 TZT - Textured Tannery Bronze™, Aluminum	15418 AZT - Textured Architectural Bronze™	15349 MST - Textured Midnight Spruce™
<b>Housing</b>	Cast Aluminum, Cast Brass	Cast Aluminum with clear glass sprinkler shield	Aluminum
<b>Finish</b>	Bronzed Brass or Textured Tannery Bronze™	Textured Architectural Bronze™	Textured Midnight Spruce™
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent T-3 bi-pin, high temperature porcelain socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599CLR)	VA MAX: 20-W(VA) Supplied: 20-W(VA) T-3 (17012) halogen Halogen light source Optional: 10-W(VA) T-3 (17011)	VA MAX: 18.5-W(VA) Supplied: 18.5-W(VA) 3155K (15599 CLR) Krypton light source
<b>Wiring</b>	35" of useable #18-2, SPT-2W leads. Cable connector supplied.	20" of usable #18-2, SPT-1-W leads. Cable connector supplied.	37" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket
<b>LED Option</b>	15871 on page 10.	NA	NA



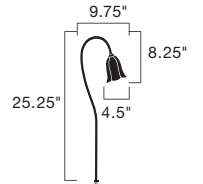
Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	8.9	2.8	.6	.15	-	-	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	11.7	5.4	1.1	.2	-	-	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	12.7	4.1	1	.2	.07	.02	-	-	-



Meet the professionals  
behind the lighting





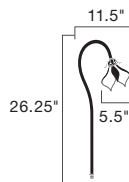


15320 OZ



15313 TZG

<b>Name</b>	<b>TIFFANY PETALS</b> Elegant flower petals recreated in Tiffany-style glass on a sweeping stem accented by a single leaf. Olde Bronze® finish adds to the look of an aged heirloom.	<b>LAFAYETTE™ LANTERN</b> A traditional lantern with French influence for a distinctive look. Matching 120V surface and post mount styles available.
<b>Ordering Guide</b>	15320 OZ - Olde Bronze®	15313 TZG - Tannery Bronze™ with Gold Accents
<b>Housing</b>	Brass. Tiffany-style glass shade. Glass colors may vary slightly due to production methods.	Cast Aluminum. Linen seeded glass.
<b>Finish</b>	Olde Bronze®	Tannery Bronze™ with Gold Accents
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 18.5-W(VA) Supplied: 18.5-W(VA) 3155K (15599 CLR) Krypton light source	VA MAX: 16.25-W(VA) Supplied: 16.25-W(VA) Xenon light source Optional: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)
<b>Wiring</b>	38" of usable #18-2, SPT-1-W leads. Cable connector supplied.	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
<b>Notes</b>		<b>U.S. Patent Pending</b>



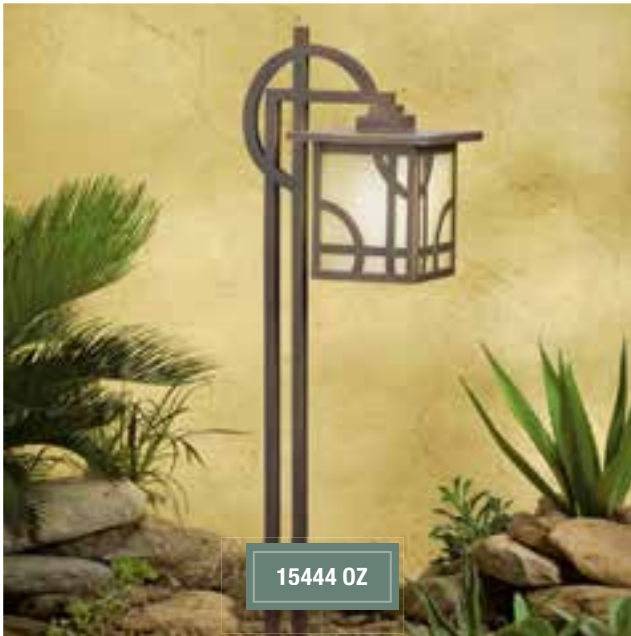
Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	9.7	4.7	2	.8	.3	.1	-	-	-

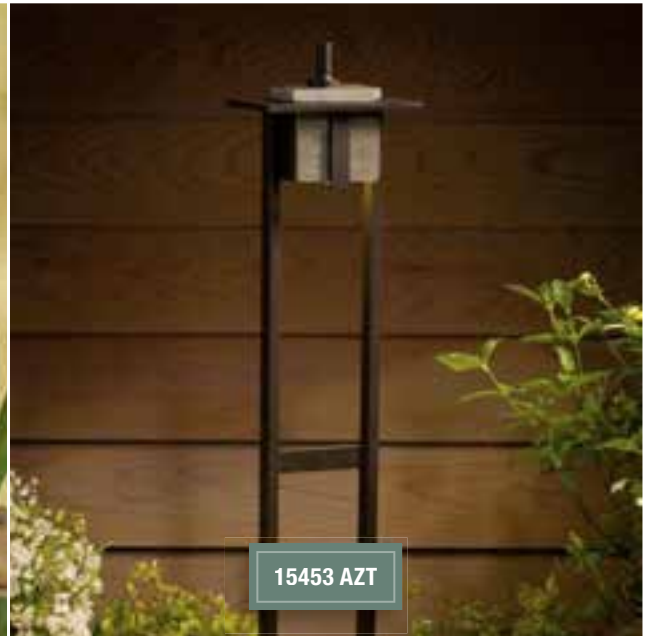


Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	1.3	3	1.96	.86	.33	-	-	-	-



15444 OZ



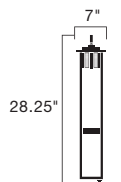
15453 AZT

Name	<b>LARKIN ESTATE™</b> Classic prairie styling employing a rich dark bronze finish and warm amber glass.	<b>MISSION SLATE</b> The beauty of slate and the richness of mission aesthetics come together to create this exciting garden statement.
Ordering Guide	15444 OZ - Olde Bronze®	15453 AZT - Textured Architectural Bronze™
Housing	Cast Brass with amber etched glass	Cast Aluminum and natural, cut slate panels
Finish	Olde Bronze®	Textured Architectural Bronze™
Light Source	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
Power Usage at 12V AC Input	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)
Wiring	40" of usable #18-2, SPT-1-W leads. Cable connector supplied.	30" of usable #18-2, SPT-1-W leads. Cable connector supplied.
Mounting Accessories Included	8" In-ground stake	14" In-ground stake
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	10.8	6.9	0.7	0.4	0.2	0.1	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	7.83	5.14	1.45	0.34	0.07	0.03	0.02	-	-

PATH & SPREAD LOW VOLTAGE



15391 OZ

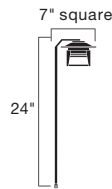


15392 OZ



15319 PZ

<b>Name</b>	<b>ZEN GARDEN</b> Path lighting with Far Eastern style and amber glass offers soft light with good spread for illuminating paths and walkways.	<b>ZEN GARDEN BOLLARD</b> Bollard lighting with Far Eastern style and amber glass for soft lighting along a path.	<b>MISSION LANTERN</b> California mission-style with frosted glass coordinates with contemporary, craftsman or Southwest architecture.
<b>Ordering Guide</b>	15391 OZ - Olde Bronze®	15392 OZ - Olde Bronze®	15319 PZ - Patina Bronze
<b>Housing</b>	Brass with textured amber seedy linen glass	Brass with textured amber seedy linen glass	Brass with satin-etched glass
<b>Finish</b>	Olde Bronze®	Olde Bronze®	Patina Bronze
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 16.25-W(VA) Supplied: 11.6-W 912X (17023) Xenon light source Optional: 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021) 16.25-W(VA) 921X (17025)	VA MAX: 18.5-W(VA) Supplied: 18.5-W(VA) 3155K (15599 CLR) Krypton light source
<b>Wiring</b>	30" of usable #18-2, SPT-1-W leads. Cable connector supplied.	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.	40" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
<b>Notes</b>	<b>U.S. Patent Pending</b>	<b>U.S. Patent Pending</b>	



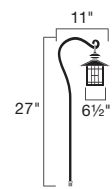
Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	3.2	1.2	.26	-	-	-	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	.5'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	.16	.36	.20	-	-	-	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	21.1	7.3	1.7	.7	.5	-	-	-	-



15322 AGZ

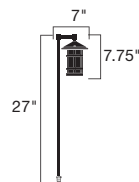


15365 CV



15458 OZ

<b>Name</b>	<b>CROSS CREEK™ LANTERN</b> Arts and crafts style in a path light for distinctive simplicity. Matching 120V surface and post mount styles available.	<b>LA MESA™ LANTERN</b> Arts and crafts-inspired light complements any architectural style. Matching 120V surface and post mount styles available.	<b>MISSION BOLLARD</b> The broad roof indicative of mission styling is blended into a garden bollard with honey beige glass.
<b>Ordering Guide</b>	15322 AGZ - Aged Bronze	15365 CV - Canyon View™	15458 OZ - Old Bronze®
<b>Housing</b>	Cast Aluminum with textured linen seeded glass panels	Solid Brass with Honey opalescent glass. Glass panel colors may vary due to production methods	Brass with honey beige glass
<b>Finish</b>	Aged Bronze	Canyon View™	Old Bronze®
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent S-8 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 16.25-W(VA) 921X (17025) Xenon light source Optional: 11.6-W(VA) 921X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) ( qty 2) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021) (2 required)
<b>Wiring</b>	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.	21" of usable #18-2, SPT-1-W leads. Cable connector supplied.	22" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake	14" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	
<b>Notes</b>	<b>U.S. Patent No. D580,084</b>	<b>U.S. Patent Pending</b>	



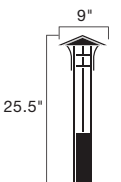
Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	10.8	6.9	0.7	0.4	0.2	0.1	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	3.2	.5	.03	-	-	-	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	0.44	1.81	1.26	0.70	0.39	0.25	0.16	0.12	0.10

PATH & SPREAD LOW VOLTAGE



15430 CO



15431 CO



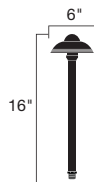
15351 CO

<b>Name</b>	<b>SANTA BARBARA SMALL COPPER</b> Durable, sleek and basic, low profile with surprising light throw. Ages outdoors gracefully over time by turning verdigris. Coordinates with 15431 CO.	<b>SANTA BARBARA LARGE COPPER</b> Influenced by Southern California, this wider spread path ages outdoors gracefully over time by turning verdigris. Coordinates with 15430 CO.	<b>COPPER CENTER MOUNT</b> This classic brushed copper path light develops a natural verdigris patina over time.
<b>Ordering Guide</b>	15430 CO - Unfinished Copper	15431 CO - Unfinished Copper	15351 CO - Unfinished Copper
<b>Housing</b>	Copper with stainless steel inner roof and clear glass	Copper with stainless steel inner roof and clear glass	Copper
<b>Finish</b>	Unfinished Copper	Unfinished Copper	Unfinished Copper
<b>Light Source</b>	12V Incandescent T-3 bi-pin, high temperature porcelain socket	12V Incandescent T-3 bi-pin, high temperature porcelain socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 10-W(VA) Supplied: 10-W(VA) T-3 (17011) halogen Halogen light source	VA MAX: 20-W (VA) Supplied: 20-W (VA) T-3 (17012) halogen Halogen light source Optional: 10-W(VA) T-3 (17011)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) (15599 CLR)
<b>Wiring</b>	24" of usable #18-2, SPT-1-W leads. Cable connector supplied.	24" of usable #18-2, SPT-1-W leads. Cable connector supplied.	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
<b>Notes</b>	Copper and brass will naturally patina over time.	Copper and brass will naturally patina over time.	Copper will naturally patina over time.



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	11.5	5	2.9	.8	.2	-	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	31.5	11.7	5.4	1.1	.2	-	-	-	-

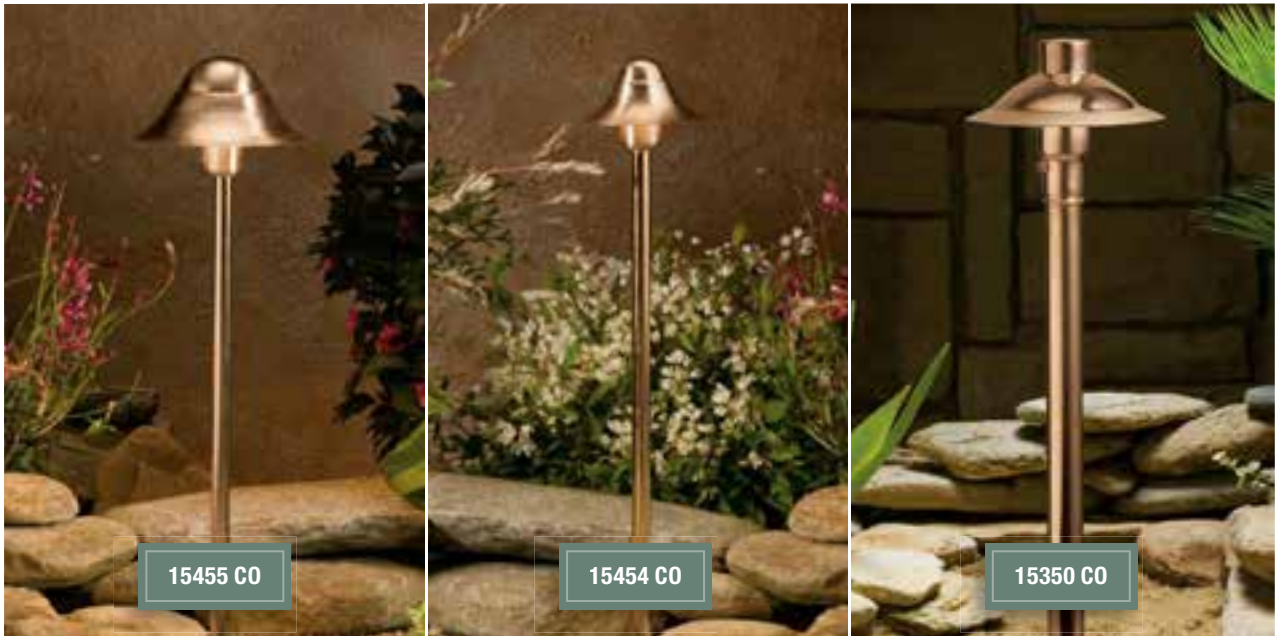


Photometric with Lamp Supplied (fc)

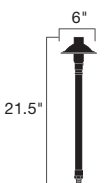
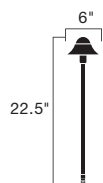
Stem Height	1'	2'	3'	4'	5'	6'	7'	8'	9'
18"	10.4	5.2	1.9	.83	.23	-	-	-	-

Light Bulb Conversion: 18.5W, 3155K Light Bulb, FCx66

PATH & SPREAD LOW VOLTAGE



<b>Name</b>	<b>TRANSITIONAL COPPER LARGE</b> The deep domed transitional design roof will age into a beautiful patina as the copper oxidizes.	<b>TRANSITIONAL COPPER SMALL</b> The deep domed transitional design roof will age into a beautiful patina as the copper oxidizes.	<b>ADJUSTABLE COPPER</b> Shade adjusts up or down. This traditional style light offers versatility in light spread and will develop a natural verdigris patina over time.
<b>Ordering Guide</b>	15455 CO - Unfinished Copper	15454 CO - Unfinished Copper	15350 CO - Unfinished Copper
<b>Housing</b>	Copper	Copper	Copper
<b>Finish</b>	Unfinished Copper	Unfinished Copper	Unfinished Copper
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 16.25-W(VA) 921X (17025) Xenon light source Optional: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 11.6-W(VA) Supplied: 11.6-W(VA) 921X (17023) Xenon light source Optional: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W 3155K (15599 CLR)
<b>Wiring</b>	39" of usable #18-2, SPT-1-W leads. Cable connector supplied.	40" of usable #18-2, SPT-1-W leads. Cable connector supplied.	21" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
<b>Notes</b>	Copper will naturally patina over time.	Copper will naturally patina over time.	Copper will naturally patina over time.



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	17.45	8.73	3.86	2.37	1.08	0.58	0.34	0.15	0.05

Photometric with Lamp Supplied (fc)

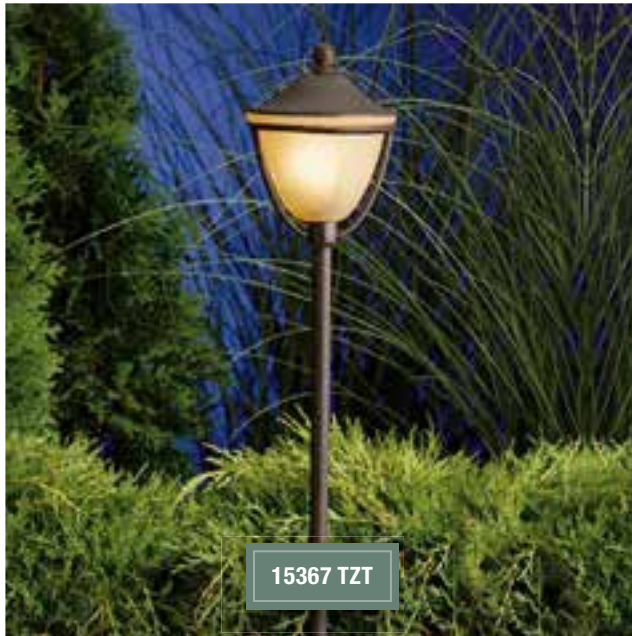
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	8.64	4.02	2.59	1.26	0.38	0.10	0.05	0.03	-

Photometric with Lamp Supplied (fc)

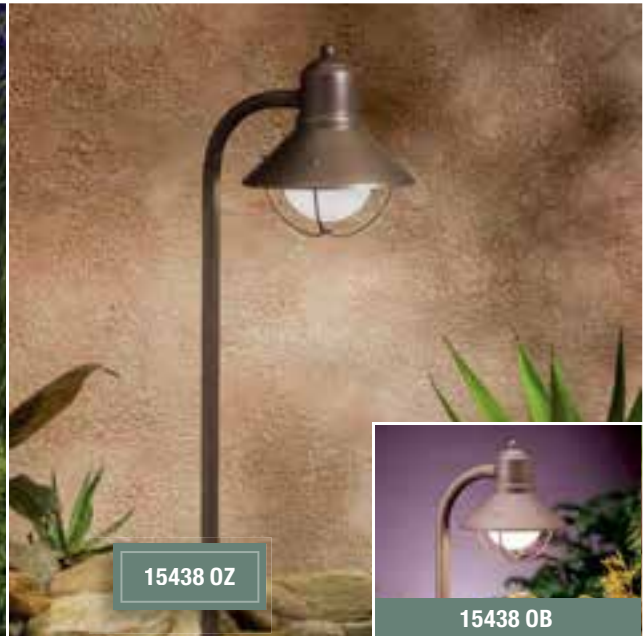
Shade Position on Stem	1'	2'	3'	4'	5'	6'	7'	8'	9'
Bottom	6.4	5.0	2.3	1.0	.4	.1	-	-	-
Middle	6.3	2.7	2.0	.9	.4	.1	-	-	-
Top	6.0	2.4	.8	.3	.1	-	-	-	-

Distance from surface 19"

PATH & SPREAD LOW VOLTAGE



15367 TZT

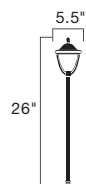


15438 OZ



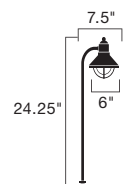
15438 OB

<b>Name</b>	<b>ROUND LANTERN</b> Simple, elegant style blends with traditional or contemporary architecture.	<b>TRADITIONAL MARINE LANTERN</b> Traditional marine lantern for well-shielded illumination in a variety of finishes. Matching 120V surface and post mount styles.
<b>Ordering Guide</b>	15367 TZT - Textured Tannery Bronze™	15438 OB - Olde Brick®, Brass 15438 OZ - Olde Bronze®, Brass
<b>Housing</b>	Cast Aluminum with etched sunset glass	Brass with white polycarbonate diffuser
<b>Finish</b>	Textured Tannery Bronze™	Olde Brick® or Olde Bronze®
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 18.5-W(VA) Supplied: 18.5-W(VA) 3155K (15599 CLR) Krypton light source
<b>Wiring</b>	51" of usable #18-2, SPT-1-W leads. Cable connector supplied.	26" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	5.03	3.18	1.45	.68	.3	.13	.03	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	2.9	1.2	.3	-	-	-	-	-	-





15450 TZT

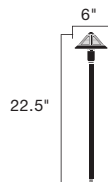


15352 OZ



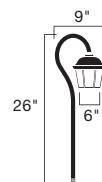
15334 OB

<b>Name</b>	<b>MICA MISSION</b> A mission style roof combined with glass designed to replicate the umber glow of mica for a warm comfortable exterior look.	<b>TRADITIONAL LANTERN</b> Classic elegance complimented by etched seedy glass reminiscent of traditional craftsmanship.	<b>CONCORD LANTERN</b> Revolutionary design adds an early colonial flair to formal settings.
<b>Ordering Guide</b>	15450 TZT - Textured Tannery Bronze™	15352 OZ - Olde Bronze®	15334 OB - Olde Brick®
<b>Housing</b>	Cast Aluminum and mica finished glass	Brass with etched seedy glass	Brass with stainless steel rods and seedy glass
<b>Finish</b>	Textured Tannery Bronze™	Olde Bronze®	Olde Brick®
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent S-8 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 18.5-W(VA) Supplied: 18.5-W(VA) 3155K (15599 CLR) Krypton light source	VA MAX: 6.5-W(VA) Supplied: 6.5-W(VA) 918X (17022) Xenon light source Optional: 4-W(VA) 901X (17022)
<b>Wiring</b>	22" of usable #18-2, SPT-1-W leads. Cable connector supplied.	24" of usable #18-2, SPT-1-W leads. Cable connector supplied.	20" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
<b>Notes</b>		<b>U.S. Patent No. D420,160</b>	



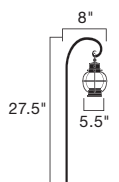
Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	1.34	1.61	1.63	0.86	0.46	0.28	0.07	0.07	-



Photometric with Lamp Supplied (fc)

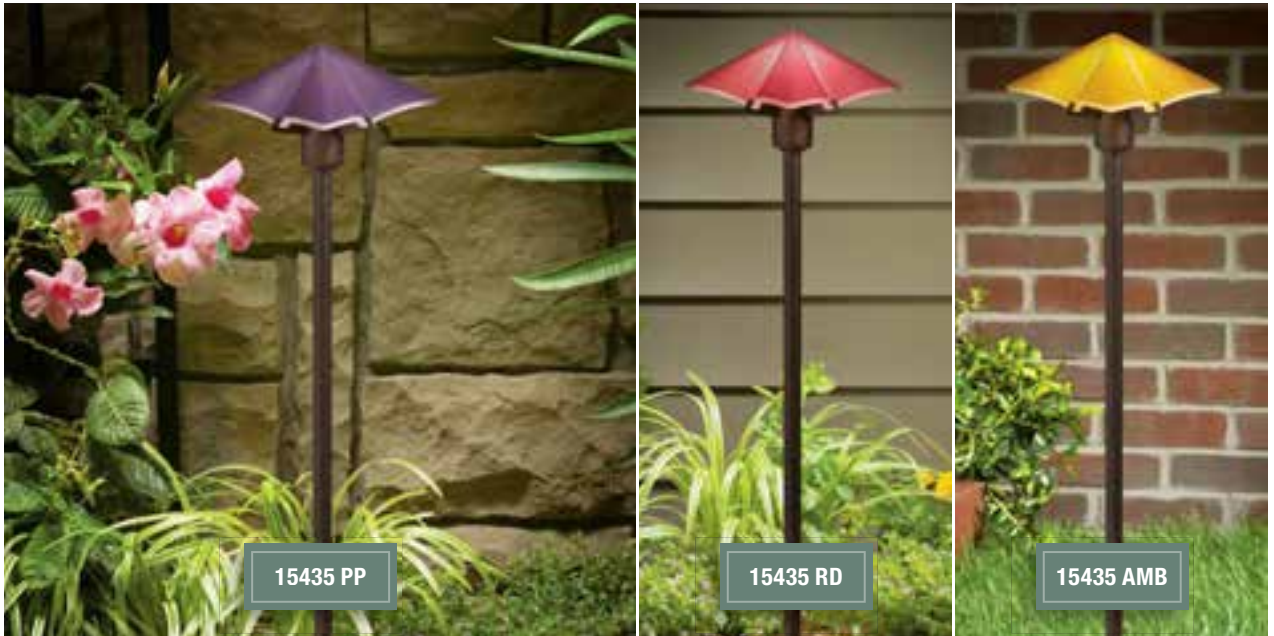
Distance from Light	.5'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	2.7	1.3	.3	.1	-	-	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	20.9	4.7	.6	.2	-	-	-	-	-



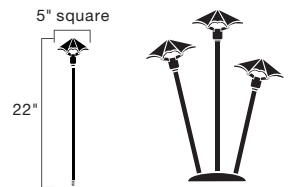


<b>Name</b>	<b>POISES</b> Dense purple, deep cranberry red and golden amber glass flowers will seamlessly blend into a flowerbed during the day and provide the punch of light needed in the evening. Mix or match colors or use the special mounting accessory to create an innovative centerpiece with different angles and heights.
<b>Ordering Guide</b>	15435 PP - Olde Bronze® with Dense Purple Glass 15435 RD - Olde Bronze® with Cranberry Red Glass 15435 AMB - Olde Bronze® with Golden Amber Glass
<b>Housing</b>	Brass
<b>Finish</b>	Olde Bronze® with Dense Purple, Cranberry Red or Golden Amber Art Glass Quality Cased Glass.
<b>Light Source</b>	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)
<b>Wiring</b>	34" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15635 OZ – Three-Fixture Centerpiece Mounting Kit



**THREE-FIXTURE CENTERPIECE MOUNTING KIT**

The kit allows for the creation of an interesting garden centerpiece that replicates nature with Posies installed at an angle at varying heights. Can also be used to install three fixtures at the same height. Colors may be mixed or uniform. Kit includes a mounting plate, 14" In-ground stake for added stability, a 3" Olde Bronze® stem section and the necessary hardware and instructions to make a truly creative garden feature.



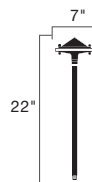
Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	4.9	3.1	3.1	1.3	0.5	0.2	-	-	-

# PATH & SPREAD LOW VOLTAGE



<b>Name</b>	<b>GLASS &amp; METAL</b> A sleek, modern original that combines contemporary style with smooth illumination.	<b>GALAXY</b> Sophisticated, modern style in an understated fixture.	<b>SIMPLICITY SIDE MOUNT</b> Simple, uncomplicated design for perfect illumination along paths without troublesome glare.
<b>Ordering Guide</b>	15317 BN - Brushed Nickel 15317 AZT - Textured Architectural Bronze™	15318 AZT - Textured Architectural Bronze™	15360 AZT - Textured Architectural Bronze™
<b>Housing</b>	Aluminum (AZT) or Brass (BN) with glass diffuser	Aluminum	Aluminum
<b>Finish</b>	Textured Architectural Bronze™ or Brushed Nickel	Textured Architectural Bronze™	Textured Architectural Bronze™
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent S-8 wedge base socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)
<b>Wiring</b>	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
<b>LED Option</b>	15817 – on Page 14	NA	NA
<b>Notes</b>	<b>U.S. Patent No. D406,374</b>		



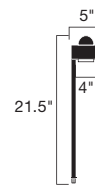
Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	9.4	4.8	2	.72	.32	.16	-	-	-



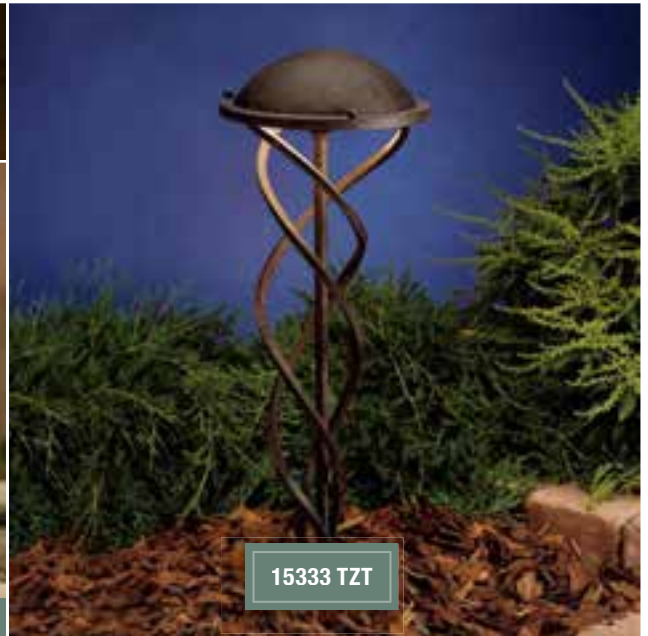
Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	2.6	3.2	1.2	.5	.2	-	-	-	-

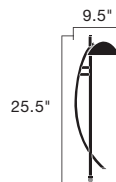


Photometric with Lamp Supplied (fc)

Distance from Light	.5'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	20.7	10.6	3.5	1.1	.4	.1	-	-	-

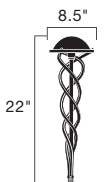


<b>Name</b>	<b>CONTEMPORARY ARCH</b> A rounded dome diffuser is supported by an arched column that bisects a clean, straight upright for a contemporary look that gently fits in international style gardens and beyond.	<b>CONTOURS</b> A fresh interpretation of contemporary style. Equally effective as a path light or to highlight a flower bed.
<b>Ordering Guide</b>	15411 AZT - Textured Architectural Bronze™ 15411 SA - Satin Aluminum	15333 TZT - Textured Tannery Bronze™
<b>Housing</b>	Aluminum	Aluminum
<b>Finish</b>	Textured Architectural Bronze™ or Satin Aluminum	Textured Tannery Bronze™
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 16.25-W(VA) 921X (17025) Xenon light source Optional: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)
<b>Wiring</b>	30" of usable #18-2, SPT-1-W leads. Cable connector supplied.	34" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
<b>Notes</b>		<b>U.S. Patent Pending</b>



Photometric with Lamp Supplied (fc)

Distance from Light	.6'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	30.30	18.17	7.20	3.16	1.37	0.70	0.39	0.27	0.17



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	11.9	6.6	2.58	.88	.28	-	-	-	-

PATH & SPREAD LOW VOLTAGE



15439 TZT



15439 CO

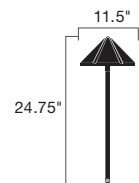
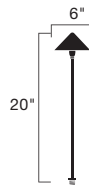


15439 OB



15328 AZT

<b>Name</b>	<b>FUNDAMENTALS™</b> Basic, uncomplicated design for versatility. Use along walkways or points of interest. Now with a heavier guage shade.	<b>LARGE CENTER MOUNT</b> Wide head for broad light spread to highlight beds and paths. Textured Architectural Bronze finish blends with landscape.
<b>Ordering Guide</b>	15439 CO - Polished Copper, Copper 15439 OB - Olde Brick®, Brass 15439 OB 6 - Same as 15439 OB. Bulk packed in 6 (unbreakable master). 15439 TZT - Textured Tannery Bronze, Brass	15328 AZT - Textured Architectural Bronze™
<b>Housing</b>	Brass or Unfinished Copper. Copper will naturally patina over time.	Aluminum
<b>Finish</b>	Unfinished Copper, Olde Brick® or Textured Tannery Bronze™	Textured Architectural Bronze™
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)
<b>Wiring</b>	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake and 18" stem
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
<b>LED Option</b>	15839 – on Page 11	NA



Photometric with Lamp Supplied (fc)

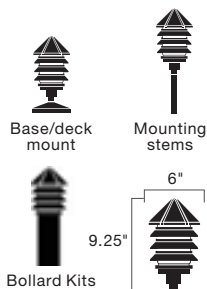
Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	13.4	4.55	1.65	.58	.13	-	-	-	-

Photometric with Lamp Supplied (fc)

Stem Height	1'	2'	3'	4'	5'	6'	7'	8'	9'
12"	20.8	4.1	.27	-	-	-	-	-	-
18"	12.1	5.6	1.8	.67	-	-	-	-	-
24"	8.3	5.8	2.2	.97	.48	.02	-	-	-



Name	<b>FUNDAMENTALS™</b> Louveres direct tiers of light downward for well-shielded, dramatic lighting. Blends nicely with shrubs or flowers along a pathway. Available in stem or deck mount or as a bollard. Mounting stems and bollard kits sold separately. Coordinates with matching deck light 15065 on page 90.	<b>SIDE MOUNT</b> A popular design in a side-mount fixture for more directional lighting without glare. Coordinates with matching deck light 15065 on page 90.
Ordering Guide	15005 AZT - Textured Architectural Bronze™ 15005 BKT - Textured Black	15315 AZT - Textured Architectural Bronze™ 15315 AZT 6 - Same as 15315 AZT. Bulk packed in 6 (unbreakable master) 15315 BE - Beach 15315 BKT - Textured Black
Housing	Cast Auminum with molded ribbed diffuser of clear UV stabilized high impact resistant polycarbonate	Cast Aluminum
Finish	Textured Architectural Bronze™ or Textured Black	Textured Architectural Bronze™, Beach or Textured Black
Ligh Source	12V Incandescent S-8 wedge base socket	12V Incandescent S-8 wedge base socket
Power Usage at 12V AC Input	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)
Wiring	52" of usable #18-2, SPT-1-W leads. Cable connector supplied.	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.
Mounting Accessories Included	8" In-ground stake and 18" stem	8" In-ground stake and 18" stem
Optional Mounting Accessories	15656, 15657, 15658 or 15570 – Stems 15575 BK, 15576 BK or 15578 – Stakes 15665, 15666 or 15667 – Bollard 15671 ST – Bollard Template Kit 15601 – Surface Mounting Flange 15602 – Flange Mounting Nipple 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
LED Option	NA	15815 – on Page 15



Photometric with Lamp Supplied (fc)

Stem Height	1'	2'	3'	4'	5'	6'	7'	8'	9'
12"	2.1	.93	.67	.18	-	-	-	-	-
18"	1.8	.73	.4	.27	0.3	-	-	-	-
24"	1.2	.67	.33	.35	.27	.15	-	-	-

Light Bulb Conversion: 18.5W, 3155K Light Bulb, FCx.66

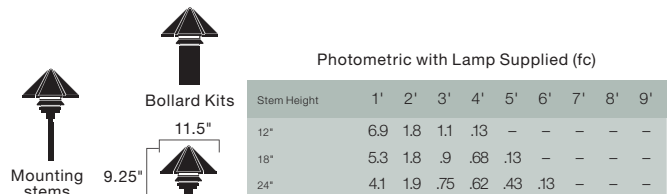
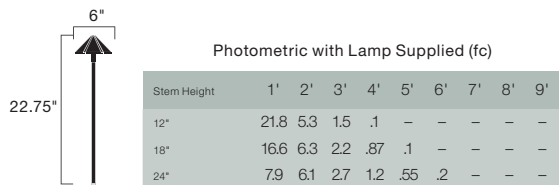
Photometric with Lamp Supplied (fc)

Stem Height	1'	2'	3'	4'	5'	6'	7'	8'	9'
12"	18.7	4.3	1.4	.27	-	-	-	-	-
18"	15	5.2	1.8	.8	.27	.03	-	-	-
24"	11.6	5.1	2.2	.97	.48	.2	.07	-	-

PATH & SPREAD LOW VOLTAGE



<b>Name</b>	<b>CENTER MOUNT</b> Unobtrusive, center mount fixture for maximum light spread. Coordinates with matching deck light 15065 on page 90.	<b>ONE TIER</b> Versatile fixture with wider light distribution for paths and low areas of groundcover. Louver inverts to create more indirect light spread. Mounting stems and bollard kits sold separately. Coordinates with matching deck light 15065 on page 90.
<b>Ordering Guide</b>	15326 AZT - Textured Architectural Bronze™ 15326 AZT 6 - Same as 15326 AZT. Bulk packed in 6 (unbreakable master) 15326 BE - Beach 15326 BKT - Textured Black	15011 AZT - Textured Architectural Bronze™ 15011 BKT - Textured Black
<b>Housing</b>	Cast Aluminum	Cast Aluminum with molded ribbed diffuser of clear UV stabilized high impact resistant polycarbonate
<b>Finish</b>	Textured Architectural Bronze™, Beach, or Textured Black	Textured Architectural Bronze™, or Textured Black
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)
<b>Wiring</b>	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.	52" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake and 18" stem	NA
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15656, 15657, 15658 or 15570 – Stems 15575 BK, 15576 or 15578 BK – Stakes 15665, 15666 or 15667 – Bollard 15671 ST – Bollard Template Kit 15601 – Surface Mounting Flange 15602 – Flange Mounting Nipple 15607 – Surface Mounting Bracket
<b>LED Option</b>	15826 – on Page 16	NA

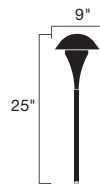


Light Bulb Conversion: 18.5W, 3155K Light Bulb, FCx.66





<b>Name</b>	<b>LARGE ECLIPSE™</b> A larger version of our popular Eclipse design to cast a wider light spread on a wide path or patio.	<b>ECLIPSE™</b> A smaller scale, contemporary design with a dome cap that creates a soft, warm circular glow of light.	<b>SIDE MOUNT ECLIPSE™</b> Popular dome cap design in a side-mounted fixture for more directional lighting.
<b>Ordering Guide</b>	15336 BKT - Textured Black 15336 TZT - Textured Tannery Bronze™	15323 AZT - Textured Architectural Bronze™ 15323 BKT - Textured Black 15323 TZT - Textured Tannery Bronze™	15423 AZT - Textured Architectural Bronze™ 15423 BKT - Textured Black 15423 TZT - Textured Tannery Bronze™
<b>Housing</b>	Cast Aluminum with clear glass	Cast Aluminum	Cast Aluminum
<b>Finish</b>	Textured Black or Textured Tannery Bronze™	Textured Architectural Bronze™, Textured Black, or Textured Tannery Bronze™	Textured Architectural Bronze™, Textured Black or Textured Tannery Bronze™
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent S-8 wedge base socket	12V Incandescent S-8 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)
<b>Wiring</b>	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.	37" of usable #18-2, SPT-1-W leads. Cable connector supplied.	34" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket



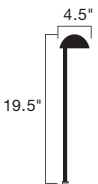
Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	8.7	3.3	1.1	.4	.1	-	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	14.7	4.8	1.8	1	-	-	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	44.3	18.6	5.7	1.8	.3	.2	-	-	-

PATH & SPREAD LOW VOLTAGE



<b>Name</b>	<b>DOMED PATH LIGHT</b> A wider path and spread light that is unobtrusive in the landscape. Coordinates with our 15410 & 15470 Domed Roof series..
<b>Ordering Guide</b>	15310 AZT - Textured Architectural Bronze™ 15310 AZT 6 - Same as 15310 AZT. Bulk packed in 6 (unbreakable master) 15310 BE - Beach 15310 BKT - Textured Black
<b>Housing</b>	Cast Aluminum
<b>Finish</b>	Textured Architectural Bronze™, Beach or Textured Black
<b>Light Source</b>	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 16.25-W(VA) 921X (17025) Xenon light source Optional: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)
<b>Wiring</b>	24" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
<b>LED Option</b>	15810 – on Page 17

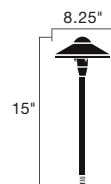


Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	8	4.1	1.6	.5	.4	.1	-	-	-

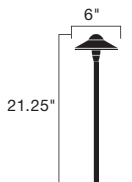


<b>Name</b>	<b>15410 BE</b> <b>DOME PATH LIGHT</b> A shorter version of our popular 15310 designed for use with lower planting and smaller garden areas. Coordinates with our 15310 & 15470 Domed Roof series.	<b>15470 BBR</b> <b>6" DOME PATH LIGHT</b> A popular look has a new addition with a smaller 6" shade. Coordinates with our 15310 & 15410 Domed Roof series.
<b>Ordering Guide</b>	15410 AZT - Textured Architectural Bronze™ 15410 BE - Beach	15470 AZT - Textured Architectural Bronze™ 15470 BBR - Bronzed Brass 15470 BE - Beach 15470 BKT - Textured Black
<b>Housing</b>	Cast Aluminum	Cast Aluminum, Cast Brass
<b>Finish</b>	Textured Architectural Bronze™ or Beach	Textured Architectural Bronze, Bronzed Brass, Beach or Textured Black
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 16.25-W(VA) 921X (17025) Xenon light source Optional: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 16.25-W(VA) Supplied: 16.25-W(VA) 921X (17025) Xenon light source Optional: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)
<b>Wiring</b>	30" of usable #18-2, SPT-1-W leads. Cable connector supplied.	24" of usable #18-2, SPT-1W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket
<b>LED Option</b>	15811 – on Page 17	15870 – on Page 16



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	22.0	9.6	4.0	1.1	.03	0.1	-	-	-



Fixture Photometric (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	6.17	4.85	4.34	2.51	1.58	1.35	0.77	0.43	0.28



POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

This installation illuminated exclusively  
with Design Pro LED fixtures



Meet the professionals  
behind the lighting



LOW VOLTAGE

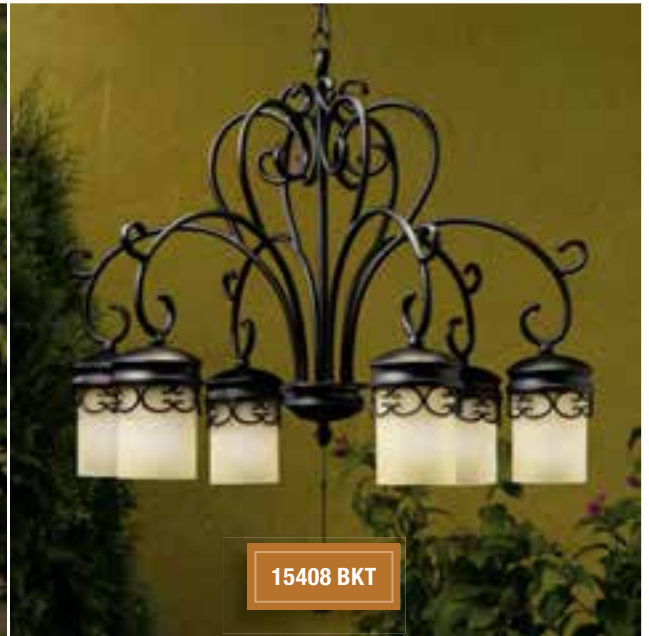
# Incandescent Specialty

Fashion meets innovation.



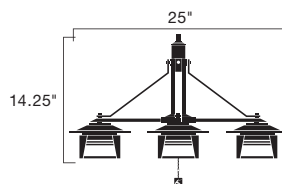


15409 OZ



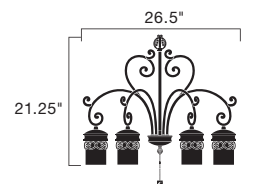
15408 BKT

<b>Name</b>	<b>ZEN GARDEN™ 12V OUTDOOR CHANDELIER</b> This minimal, arts and crafts design illuminates outdoors where weather exposure becomes an issue. Brass will patina over time if unprotected but will resist corrosion. Subtle contemporary Asian style accents any backyard room for sophisticated exterior designers. Pull chain switch allows easy on/off at the light source, even when tied to a larger 12V design layout. Suitable for wet locations. Matching path light available on page 60.	<b>ALMERIA™ 12V OUTDOOR CHANDELIER</b> A Spanish-style flair for outdoor living and dining to illuminate pergolas, gazebos or other out of reach, weather exposed areas. Pull chain switch allows easy on/off at the light source, even when tied into a larger 12V design layout. Suitable for wet locations. Matching path light available on page 47.
<b>Ordering Guide</b>	15409 OZ - Olde Bronze®	15408 BKT - Textured Black
<b>Housing</b>	Brass. Textured amber seedy linen glass.	Aluminum with light amber glass.
<b>Finish</b>	Olde Bronze®	Textured Black
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 16.25-W(VA) 921X (17025) (4 required and supplied) Xenon light source Optional: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 11.6-W(VA) Supplied: 11.6-W(VA) 912X (17023) (6 required and supplied) Xenon light source Optional: 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)
<b>Wiring</b>	42" of usable #16-2, SPT-2W leads	42" of usable #16-2, SPT-1-W leads
<b>Mounting Accessories Included</b>	(2) 12" extensions and (2) 6" extensions.	Canopy Assembly 72" of matching chain
<b>Notes</b>		<b>U.S. Patent Pending</b>



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	1.2	1.2	.9	.4	.3	.1	-	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	1.1	1	.8	.5	.3	.1	-	-	-



15499 TZT

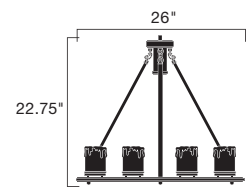
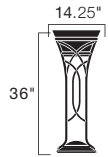
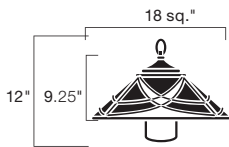


15415 TZT



15402 OZ

<b>Name</b>	<b>CATHEDRAL OUTDOOR PENDANT</b> Illuminate covered outdoor living areas with this transitional styled pendant of interwoven arches and dark citrine glass. Suitable for wet location.	<b>CATHEDRAL LIGHT RAISED PLANTER</b> A tall planter that will allow draped foliage to interplay with the light emitting from within the arched interwoven bands.	<b>OAK TRAIL™ 12V OUTDOOR CHANDELIER</b> Rugged lodge design with candle-style lights to illuminate pergolas, gazebos or outdoor cooking and dining areas. Suitable for wet locations.
<b>Ordering Guide</b>	15499 TZT - Textured Tannery Bronze™	15415 TZT - Textured Tannery Bronze™	15402 OZ - Olde Bronze®
<b>Housing</b>	Aluminum with dark citrine glass	Aluminum	Brass. Beige glass candle with clear top, candle-drip trim.
<b>Finish</b>	Textured Tannery Bronze™	Textured Tannery Bronze™	Olde Bronze®
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base sockets
<b>Power Usage at 12V AC Input</b>	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	VA MAX: 16.25-W(VA) Supplied: 16.25-W(VA) 921X (17025) Xenon light source Optional: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 11.6-W(VA) Supplied: 11.6-W(VA) 918X (17023) (9 required and supplied) Xenon light source Optional: 6.5-W(VA) 912X (17022) (9 required)
<b>Wiring</b>	94" of usable #18-2, SPT-1-W leads. Cable connector supplied.	27" of usable #18-2, SPT-1-W leads. Cable connector supplied.	42" of usable #16-2, SPT-1-W leads.
<b>Mounting Accessories Included</b>	72" of matching chain canopy assembly. No cable connector supplied.	14" In-ground stake	(2) 12" extensions and (2) 6" extensions.
<b>Notes</b>			<b>U.S. Patent Pending</b>



Photometric with Lamp Supplied (fc)

Distance from Light	.6'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	8.87	5.16	1.11	1.84	1.14	0.69	0.46	0.34	0.25





15419 TZT

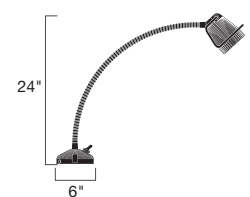
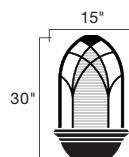


15452 BW



15123 BK

<b>Name</b>	<b>CATHEDRAL™ LIGHTED WALL PLANTER</b> Cathedral arches of interwoven bands with a backlit panel of dark citrine glass will compliment the wall surface and illuminate draped foliage.	<b>WOODLAND OWL BOLLARD</b> A majestic, full sized Great Horned Owl perched on a tree segment with light located on the underside of a branch.	<b>MR-11 BARBECUE LIGHT</b> Integrated surface mount BBQ light for direct connection to 12V landscape lighting system for rail or outdoor countertop mount only.
<b>Ordering Guide</b>	15419 TZT - Textured Tannery Bronze™	15452 BW - Hand painted natural finish	15123 BK - Black
<b>Housing</b>	Aluminum with dark citrine glass	Resin	Components of durable high heat thermoplastic resin. Lamp shielded by a high heat-resistant flat glass lens sealed for watertight outdoor use. Flexible stem is durable chrome plated steel with heat shrink rubber sleeving. On/off switch is protected by waterproof rubber boot.
<b>Finish</b>	Textured Tannery Bronze™	Hand painted natural finish	Black
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket	12V Incandescent bi-pin, high temperature porcelain socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 16.25-W(VA) 921X (17025) Xenon light source Optional: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 11.6-W(VA) Supplied: 6.5-W(VA) 918X (17022) Xenon light source Optional: 11.6-W(VA) 912X (17023) 4-W(VA) 901X (17021)	VA MAX: 35-W(VA) Supplied: 20-W(VA) MR-11 Halogen light source Optional: 35-W(VA) MR-11 halogen-xenon
<b>Wiring</b>	66" of usable #18-2, SPT-1-W leads. Cable connector supplied.	24" of usable #18-2, SPT-1-W leads. Cable connector supplied.	25' of usable #18-2, SPT-1-W leads. Connector supplied.
<b>Mounting Accessories Included</b>	Mounting hardware included	23" Bollard mounting stake (15578 BK)	Mounting hardware and instructions provided for typical installations
<b>Optional Mounting Accessories</b>	NA	15671 ST – Bollard Template Kit	NA



Photometric with Lamp Supplied (fc)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	-	6.77	2.78	1.09	0.64	0.39	0.28	0.19	0.13



POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

This installation illuminated exclusively  
with Design Pro LED fixtures



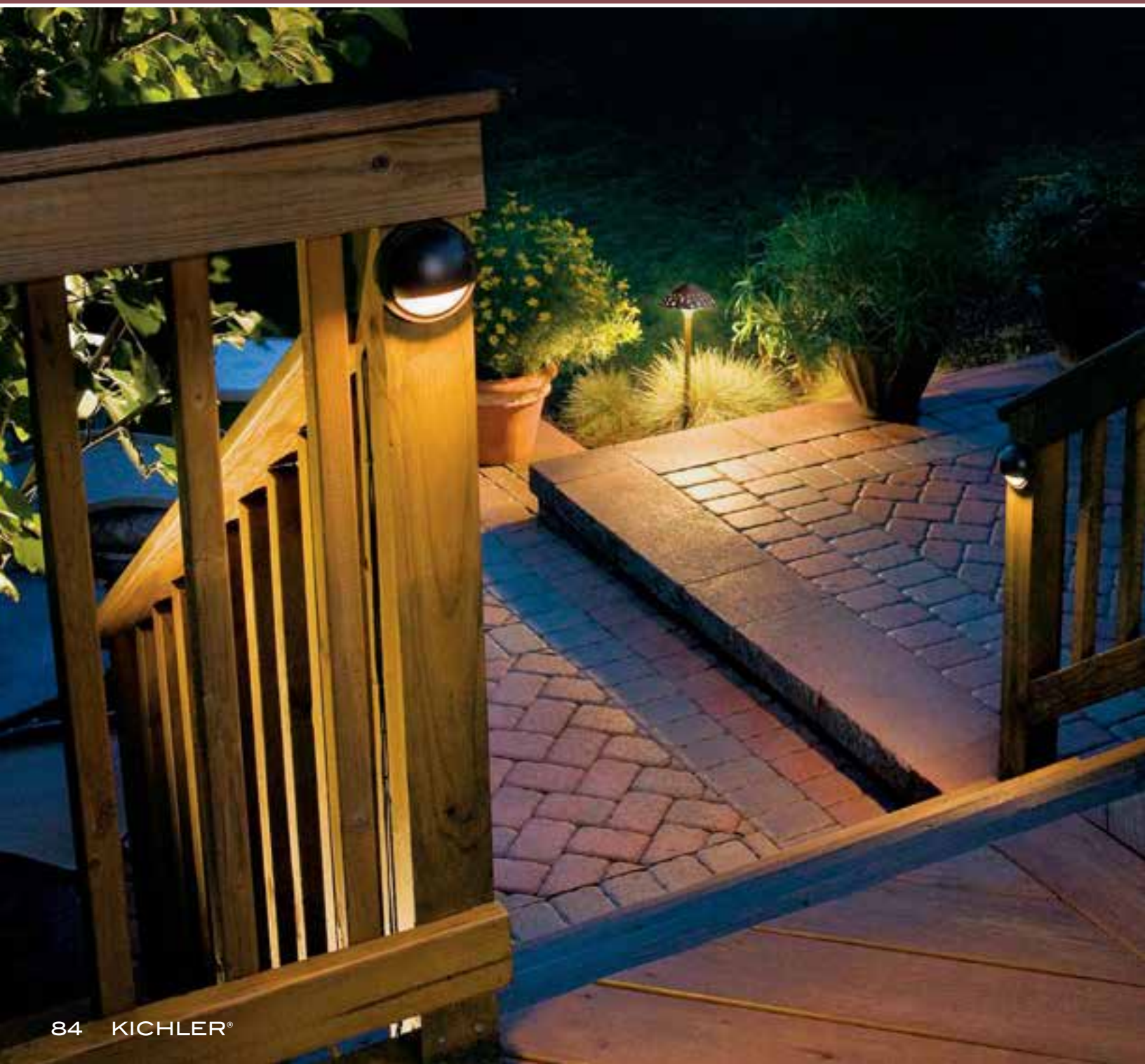
**KICHLER**  
LIGHTING

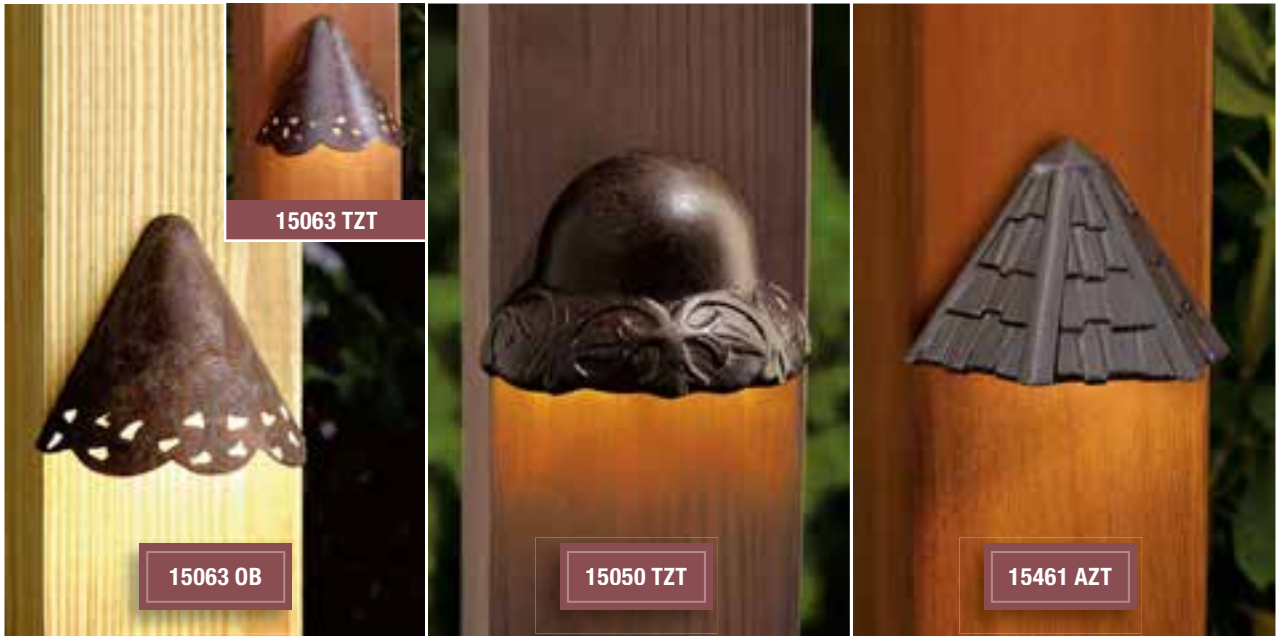


LOW VOLTAGE

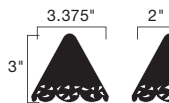
# Incandescent Deck & Patio

Bring outdoor living areas into the light.





<b>Name</b>	<b>DECORATIVE HAMMERED ROOF DECK LIGHT</b> Traditional design pierced shade and scalloped edges with excellent light output. Coordinates with matching path light 15443 OB or 15443 TZT on page 54 and 15471 TZT on page 55.	<b>VINTAGE PARK™ DECK LIGHT</b> Decorative edging and Textured Tannery Bronze® finish bring 19th century charm to the deck or patio.	<b>THATCHED ROOF DECK LIGHT</b> The casual style indicative of island life has been reproduced in this deck light. Coordinates with matching path light 15401 AZT on page 53.
<b>Ordering Guide</b>	15063 OB - Olde Brick® 15063 TZT - Textured Tannery Bronze™	15050 TZT - Textured Tannery Bronze™	15461 AZT - Textured Architectural Bronze™
<b>Housing</b>	Pierced brass shade	Cast Aluminum	Cast Aluminum
<b>Finish</b>	Olde Brick® or Textured Tannery Bronze™	Textured Tannery Bronze™	Textured Architectural Bronze™
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 6.5-W(VA) Supplied: 6.5-W(VA) 918X (17023) Xenon light source Optional: 4-W(VA) 901X (17021)	VA MAX: 6.5-W(VA) Supplied: 6.5-W(VA) 918X (17022) Xenon light source Optional: 4-W(VA) 901X (17021)	VA MAX: 6.5-W(VA) Supplied: 6.5-W(VA) 918X (17022) Xenon light source Optional: 4-W(VA) 901X (17021)
<b>Wiring</b>	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	Stainless steel mounting bracket	Stainless steel mounting bracket	Stainless steel mounting bracket
<b>LED Option</b>	15763 on page 19	15750 on page 19	NA
<b>Notes</b>		<b>U.S. Patent Pending</b>	



Photometric with Lamp Supplied (fc)

Mounting Height	0'	0.5'	1'	1.5'	2'	2.5'	3'	3.5'	4'
6"	117.3	40.9	4	.8	.2	-	-	-	-
12"	36.1	22.1	9.2	3.2	.8	.2	.1	-	-
30"	5.8	5.4	3.6	2.4	1.9	1.3	.8	.5	.1



Photometric with Lamp Supplied (fc)

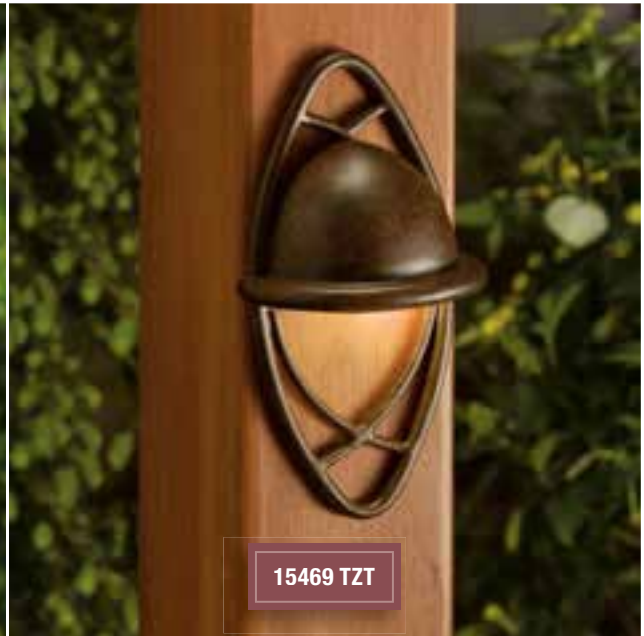
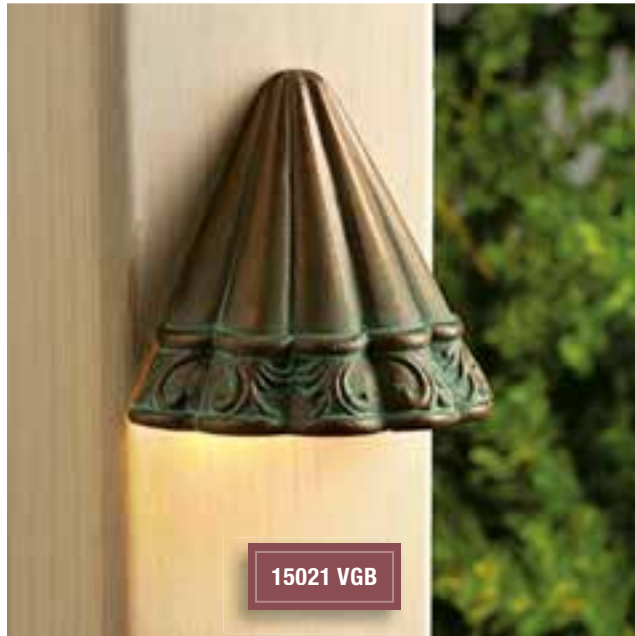
Mounting Height	0'	1'	2'	3'	4'	5'	6'
6"	95.53	17.53	2.7	.23	-	-	-
12"	20.16	12.76	4.76	1.3	.33	-	-
30"	3.2	2.6	2.1	1.2	.43	-	-



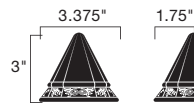
Photometric with Lamp Supplied (fc)

Mounting Height	.6'	1'	2'	3'	4'	5'	6'	7'	8'
6"	53.30	11.28	1.08	0.13	0.03	-	-	-	-
12"	14.54	7.90	2.13	0.79	0.29	0.08	0.04	-	-
30"	2.90	2.37	1.45	0.83	0.50	0.32	0.20	0.14	0.10

DECK & PATIO LOW VOLTAGE

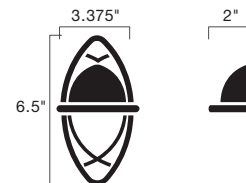


<b>Name</b>	<b>"AINSLEY SQUARE™" DECK LIGHT</b> Charming detail in a decorative scone with a Verdigris and Aged Brass finish.	<b>CATHEDRAL DECK LIGHT</b> Arches of interwoven bands dress the post as light flows down from the integral dome. Coordinates with matching Bollard 15449 TZT on page 49 and with matching Path light 15429 TZT on page 50.
<b>Ordering Guide</b>	15021 VGB - Verdigris with Aged Brass	15469 TZT - Textured Tannery Bronze™
<b>Housing</b>	Cast Brass	Aluminum
<b>Finish</b>	Verdigris with Aged Brass	Textured Tannery Bronze™
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 6.5-W(VA) Supplied: 6.5-W(VA) 918X (17023) Xenon light source Optional: 4-W(VA) 901X (17021)	VA MAX: 6.5-W(VA) Supplied: 6.5-W(VA) 918X (17022) Xenon light source Optional: 4-W(VA) 901X (17021)
<b>Wiring</b>	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	Stainless steel mounting bracket	Stainless steel mounting bracket
<b>Notes</b>	<b>U.S. Patent Pending</b>	



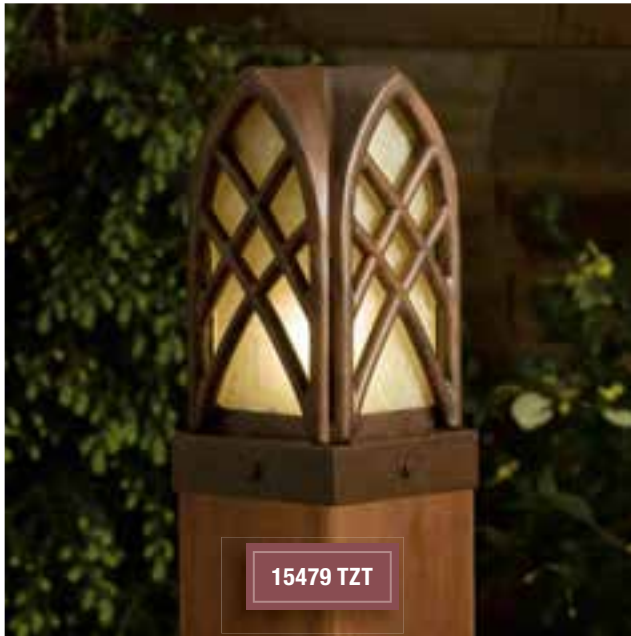
Photometric with Lamp Supplied (fc)

Mounting Height	0'	1'	2'	3'	4'	5'	6'
6"	11.7	4.65	1.9	-	-	-	-
12"	2.86	2.16	1.36	.2	-	-	-
30"	.26	.3	.16	.2	.1	-	-

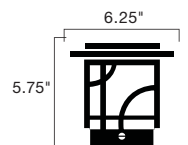
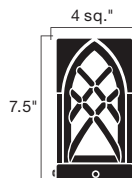


Photometric with Lamp Supplied (fc)

Mounting Height	.6'	1'	2'	3'	4'	5'	6'	7'
6"	37.3	8.88	1.39	.34	.10	.03	-	-
12"	13.6	6.17	1.85	.74	.35	.18	-	-
30"	2.39	2.01	1.29	.79	.47	.30	-	-



<b>Name</b>	<b>CATHEDRAL POST LIGHT</b> Cathedral arches and interwoven bands designed to crown deck posts and walls. Coordinates with matching Bollard 15449 TZT on page 49 and with matching Path light 15429 TZT on page 50.	<b>LARKIN ESTATE™ POST LIGHT</b> Classic prairie styling in a rich dark bronze finish with warm amber glass. Coordinates with matching Path light 15444 OZ on page 59.
<b>Ordering Guide</b>	15479 TZT - Textured Tannery Bronze™	15474 OZ - Olde Bronze®
<b>Housing</b>	Aluminum with dark citrine glass.	Brass with umber-etched glass.
<b>Finish</b>	Textured Tannery Bronze™	Olde Bronze®
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)
<b>Wiring</b>	71" of usable #18-2, SPT-1-W leads. Cable connector supplied.	71" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	Stainless steel rail mounting bracket for 4" x 4" post and adaptor for 6" x 6" post	Stainless steel rail mounting bracket for 4" x 4" post and adaptor for 6" x 6" post





15110 OZ



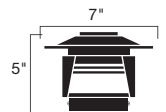
15071 OZ

<b>Name</b>	<b>ZEN GARDEN™ DECK LIGHT</b> Asian-inspired minimalist design for subtle deck lighting. Coordinates with matching Bollard 15392 OZ and with matching Path light 15391 OZ on page 60.	<b>ZEN GARDEN™ POST LIGHT</b> Serene, minimalist design and added security to supplement deck sconces. Coordinates with matching Bollard 15392 OZ and with matching Path light 15391 OZ on page 60.
<b>Ordering Guide</b>	15110 OZ - Olde Bronze®	15071 OZ - Olde Bronze®
<b>Housing</b>	Brass with textured seedy linen glass.	Brass with textured linen seedy glass.
<b>Finish</b>	Olde Bronze®	Olde Bronze®
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 6.5-W(VA) Supplied: 4-W(VA) 901X (17021) Xenon light source Optional: 6.5-W(VA) 918X (17022)	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021) 16.25-W(VA) 921X (17025)
<b>Wiring</b>	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.	59" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	Stainless steel mounting bracket	Post adaptor and Rail adaptor included are stainless steel. Fits standard 4"x 4" post.
<b>Notes</b>		<b>U.S. Patent Pending</b>



Photometric with Lamp Supplied (fc)

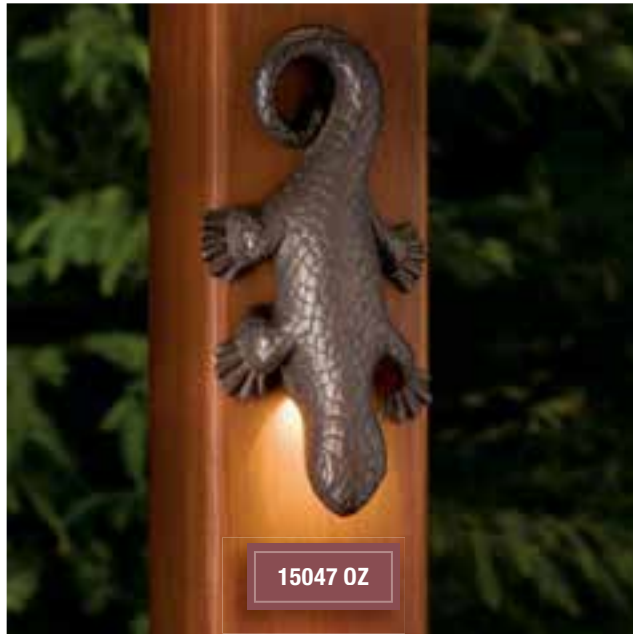
Mounting Height	0'	1'	2'	3'	4'	5'	6'
6"	26.53	7.26	1.33	.06	-	-	-
12"	7.63	4	1.46	.2	-	-	-
30"	1.06	.93	.7	.3	.03	-	-



Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	.23	.03	-	-	-	-	-	-	-



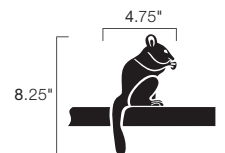
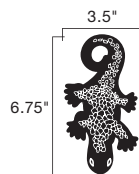


15047 OZ



15462 BW

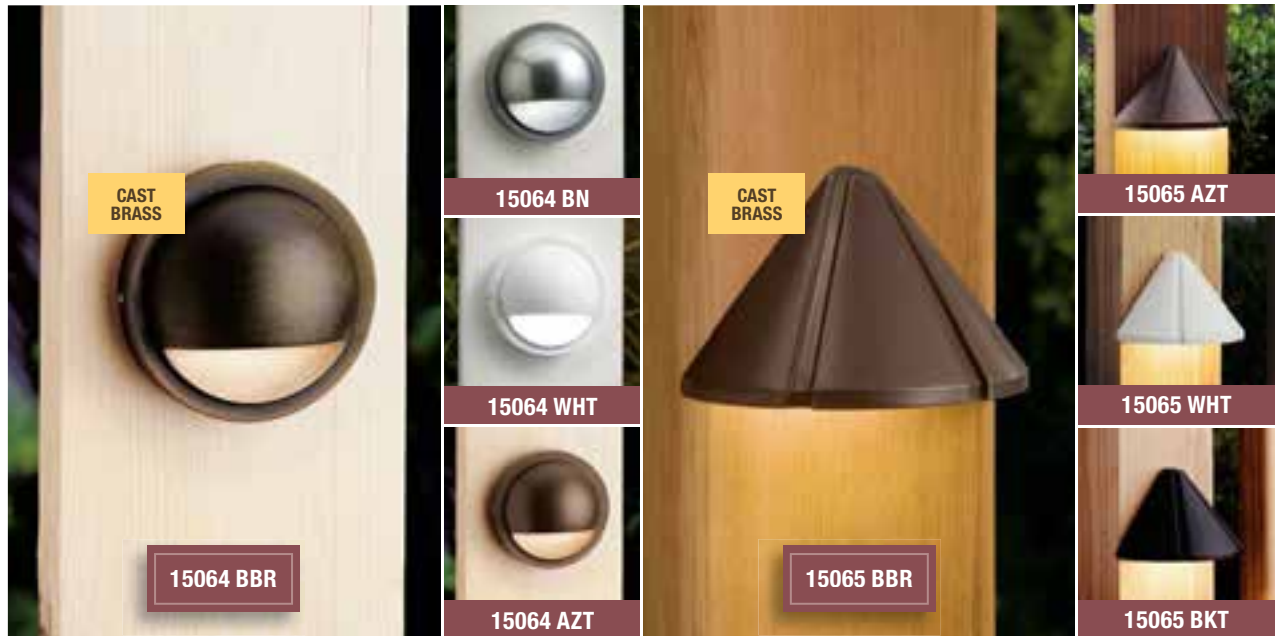
<b>Name</b>	<b>OAK TRAIL™ ACCENT LIGHT</b> Heavy duty, solid brass lizard to accent decks, breakwalls or other interest points. Patinas over time.	<b>WOODLAND CHIPMUNK DECK LIGHT</b> A full size chipmunk that can be perched on a deck rail, a stone wall, a rock in the garden or anywhere playful wildlife will enrich a setting. Light emits from it's belly.
<b>Ordering Guide</b>	15047 OZ - Olde Bronze®	15462 BW - Hand painted natural finish
<b>Housing</b>	Cast Brass	Resin
<b>Finish</b>	Olde Bronze®	Hand painted natural finish
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 6.5-W(VA) Supplied: 6.5-W(VA) 918X (17022) Xenon light source Optional: 4-W(VA) 901X (17021)	VA MAX: 16.25-W(VA) Supplied: 11.6-W(VA) 912X (17023) Xenon light source Optional: 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021) 16.25-W(VA) 921X (17025)
<b>Wiring</b>	71" of usable #18-2, SPT-1-W leads. Cable connector supplied.	70" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	Stainless steel mounting bracket	Mounting hardware and instructions included for typical installations
<b>Notes</b>	<b>U.S. Patent No. D573,293</b>	



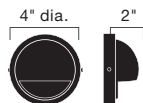
Photometric with Lamp Supplied (fc)

Mounting Height	0'	0.5'	1'	2'	3'	4'	5'
6"	3.6	.25	-	-	-	-	-
12"	2.1	.76	.15	-	-	-	-
30"	1.26	.76	.1	-	-	-	-

# DECK & PATIO LOW VOLTAGE



<b>Name</b>	<b>HALF MOON</b> Understated, modern style for deck or patio in a choice of contemporary finishes.	<b>MINI DECK LIGHT</b> Versatile mini size and simple styling for multiple applications, available in a variety of finishes constructed of brass or aluminum.
<b>Ordering Guide</b>	15064 AZT - Textured Architectural Bronze™, Aluminum 15064 BBR - Bronzed Brass, Brass 15064 BN - Brushed Nickel 15064 WHT - Textured White, Aluminum	15065 AZT - Textured Architectural Bronze™, Aluminum 15065 BBR - Bronzed Brass, Brass 15065 BKT - Textured Black, Aluminum 15065 WHT - Textured White, Aluminum
<b>Housing</b>	Cast Aluminum or Cast Brass	Cast Aluminum or Cast Brass.
<b>Finish</b>	Textured Architectural Bronze™, Bronzed Brass, Beach or Textured White	Textured Architectural Bronze™, Bronzed Brass, Beach, Textured Black, or Textured White
<b>Light Source</b>	12V Incandescent T-3 bi-pin, high temperature porcelain socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 10-W(VA) Supplied: 10-W(VA) Q10T3 (17011) halogen Halogen light source	VA MAX: 6.5-W(VA) Supplied: 6.5-W(VA) 918X (17022) Xenon light source Optional: 4-W(VA) 901X (17021)
<b>Wiring</b>	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Matching Outdoor Path Lights</b>	15360	15005, 15011, 15315, 15326, 15327, 15328
<b>Mounting Accessories Included</b>	Stainless Steel surface mounting bracket	Stainless Steel surface mounting bracket
<b>LED Option</b>	See 15764 on page 21.	See 15765 on page 20.



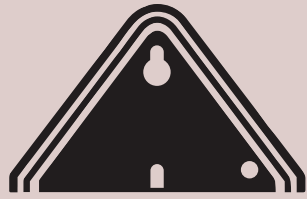
Photometric with Lamp Supplied (fc)

Mounting Height	0'	0.5'	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'
6"	53	36.1	4.7	.9	.2	-	-	-	-	-
12"	13.8	17.3	6.9	2.5	.9	.3	.1	-	-	-
30"	2.2	3.2	2.6	2	1.4	.9	.6	.3	.2	.1



Photometric with Lamp Supplied (fc)

Mounting Height	1'	2'	3'	4'	5'	6'	7'
6"	2.8	.06	.03	-	-	-	-
12"	4.1	.73	.15	-	-	-	-
30"	1.7	.87	.37	.1	-	-	-



Integral full back for mounting on irregular surfaces.



15045 AZT

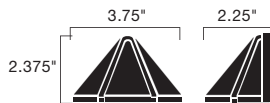


15468 AZT



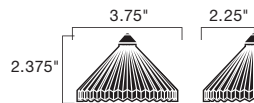
15165 AZ

<b>Name</b>	<b>FULL BACK MINI DECK LIGHT</b> Versatile mini size and simple styling. Integral full back for mounting on irregular surfaces.	<b>TRIBBED ROOF</b> Simple ribs and valleys are combined with a fluted column to blend with any deck setting.	<b>MINI DECK LIGHT</b> Small size, simple styling and economical thermoplastic resin construction. Ideal for lighting along decks, porch steps and above stairways in salt air environments.
<b>Ordering Guide</b>	15045 AZT - Textured Architectural Bronze™	15468 AZT - Textured Architectural Bronze™	15165 AZ - Architectural Bronze™
<b>Housing</b>	Cast Aluminum	Cast Aluminum.	Durable thermoplastic composite resin, one-piece construction. Extremely resistant to impact, weather and the effects of UV.
<b>Finish</b>	Textured Architectural Bronze™	Textured Architectural Bronze™	Architectural Bronze™
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 6.5-W(VA) Supplied: 6.5-W(VA) 918X (17022) Xenon light source Optional: 4-W(VA) 901X (17021)	VA MAX: 6.5-W(VA) Supplied: 6.5-W(VA) 918X (17022) Xenon light source Optional: 4-W(VA) 901X (17021)	VA MAX: 6.5-W(VA) Supplied: 6.5-W(VA) 918X (17022) Xenon light source Optional: 4-W(VA) 901X (17021)
<b>Wiring</b>	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.	71" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Matching Outdoor Path Lights</b>	15005, 15011, 15315, 15326, 15327, 15328	15418	NA
<b>Mounting Accessories Included</b>	Stainless Steel surface mounting bracket	Stainless Steel surface mounting bracket	Stainless Steel surface mounting bracket



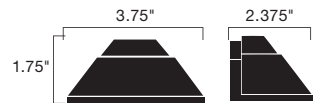
Photometric with Lamp Supplied (fc)

Mounting Height	1'	2'	3'	4'	5'	6'	7'
6"	2.8	.06	.03	-	-	-	-
12"	4.1	.73	.15	-	-	-	-
30"	1.7	.87	.37	.1	-	-	-



Photometric with Lamp Supplied (fc)

Mounting Height	1'	2'	3'	4'	5'	6'	7'
6"	10.52	1.21	.35	.14	.08	-	-
12"	7.56	1.92	.66	.28	.15	-	-
30"	2.61	1.54	.84	.48	.31	-	-



Photometric with Lamp Supplied (fc)

Mounting Height	1'	2'	3'	4'	5'	6'	7'
6"	1.9	.03	-	-	-	-	-
12"	2.4	.4	-	-	-	-	-
30"	.9	.4	.2	-	-	-	-

# DECK & PATIO LOW VOLTAGE



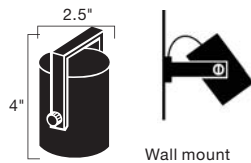
**15077 AZT**



**15066 AZT**

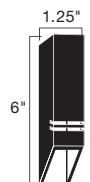
**15066 WHT**

<b>Name</b>	<b>ADJUSTABLE UNDER RAILING LIGHT</b> Adaptable, compact fixture for safety and security. Installs under deck railing or wall mount.	<b>LOUVERED DOWN LIGHT</b> Compact and contemporary, designed for lighting on rails, along decks, patios or stairways.
<b>Ordering Guide</b>	15077 AZT - Textured Architectural Bronze™	15066 AZT - Textured Architectural Bronze™ 15066 WHT - Textured White
<b>Housing</b>	Aluminum	Aluminum
<b>Finish</b>	Textured Architectural Bronze™	Textured Architectural Bronze™ or Textured White
<b>Light Source</b>	12V Incandescent S-8 wedge base socket	12V Incandescent T-5 wedge base socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 18.5-W(VA) Supplied: 18.5-W(VA) 3155K (15599 CLR) Krypton light source	VA MAX: 6.5-W(VA) Supplied: 6.5-W(VA) 918X (17022) Xenon light source Optional: 4-W(VA) 901X (17021)
<b>Wiring</b>	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.	72" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Mounting Accessories Included</b>	Mounting hardware	Stainless steel mounting plate
<b>Notes</b>		<b>U.S. Patent No. D437,445</b>



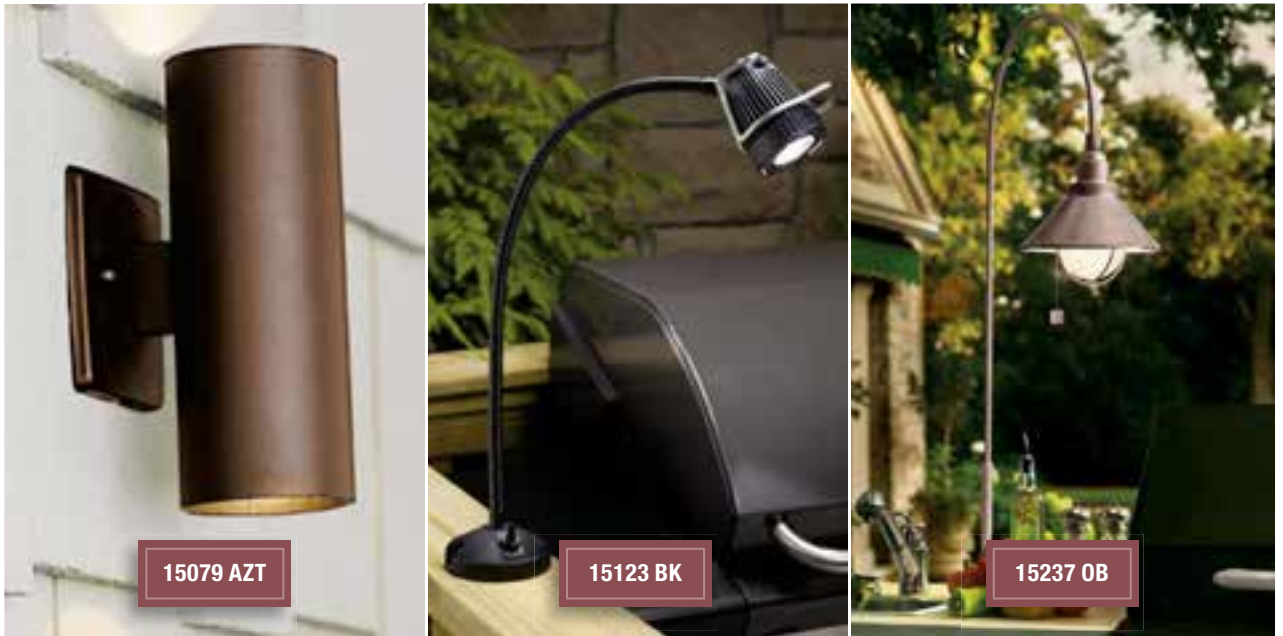
Photometric with Lamp Supplied (fc)

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	4.7	3.1	1.5	.35	.15	.08	-	-	-

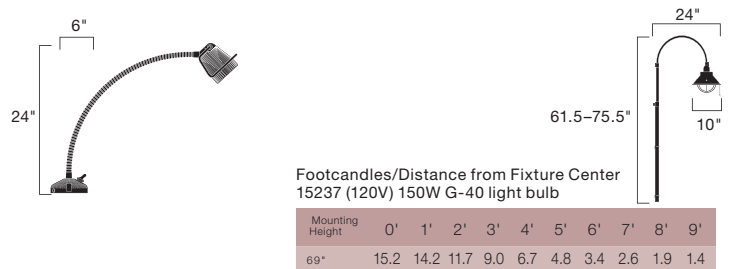
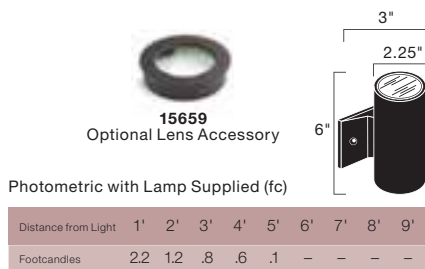


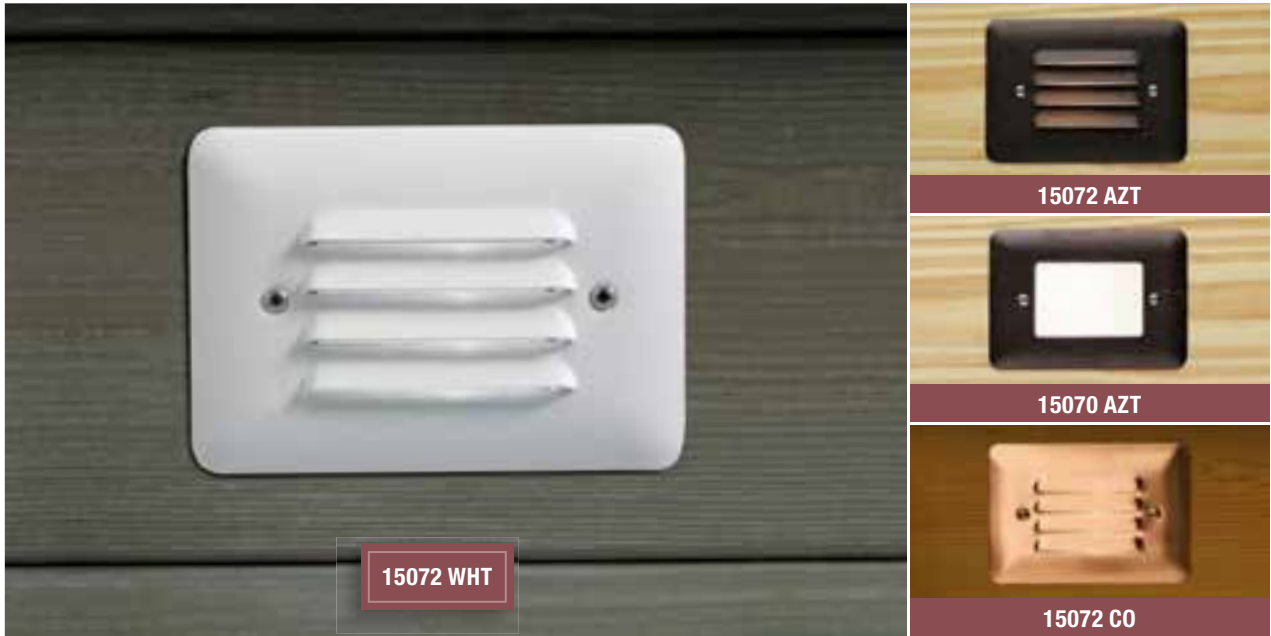
Photometric with Lamp Supplied (fc)

Mounting Height	.5'	1'	1.5'	2'	2.5'	3'	3.5'	4'
6"	5.2	.4	-	-	-	-	-	-
12"	19.	.6	.1	-	-	-	-	-
30"	2.4	.2	.1	-	-	-	-	-

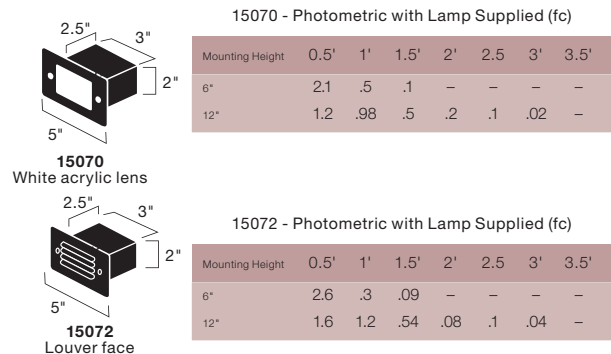


<b>Name</b>	<b>UP/DOWN ACCENT</b> Attractive and functional up and down light blends with a range of architectural styles.	<b>MR-11 BARBECUE LIGHT</b> Integrated surface mount BBQ light for direct connection to 12V landscape lighting system for rail or outdoor countertop mount only.	<b>120V ADJUSTABLE HEIGHT UTILITY LIGHT</b> Multipurpose, adjustable fixture for mounting to deck railings, post or porch for directional task lighting.
<b>Ordering Guide</b>	15079 AZT - Textured Architectural Bronze™	15123 BK - Black	15237 OB - Olde Brick®
<b>Housing</b>	Aluminum	Components of durable high heat thermoplastic resin. Lamp shielded by a high heat-resistant flat glass lens sealed for watertight outdoor use. Flexible stem is durable chrome plated steel with heat shrink rubber sleeving. On/off switch is protected by waterproof rubber boot.	Aluminum construction, G-40 light bulb required
<b>Finish</b>	Textured Architectural Bronze™	Black	Olde Brick®
<b>Light Source</b>	12V Incandescent T-5 wedge base socket	12V Incandescent bi-pin, high temperature porcelain socket	G-40 light bulb 150-W Max. (not supplied)
<b>Power Usage at 12V AC Input</b>	VA MAX: 11.6-W(VA) Supplied: 11.6-W(VA) 912X (17023) (2) Xenon light source Optional: 6.5-W(VA) 918X (17022) 4-W (VA) 901X (17021)	VA MAX: 35-W(VA) Supplied: 20-W(VA) MR11 Halogen light source Optional: 35-W(VA) MR11 halogen-xenon	NA
<b>Wiring</b>	70" of usable #18-2, SPT-1-W leads. Cable connector supplied with fixture.	25' of usable #18-2, SPT-1-W leads. Connector supplied	58" min. to 72" max. of usable 18AWG sleeved wire with 3 prong plug. 120V medium base socket with nickel plated screw shell, on-off pull chain.
<b>Mounting Accessories Included</b>	Stainless Steel surface mounting plate	(1) set wood screws and (1) set machine screws and nuts	Mounting Hardware
<b>Optional Lens Accessories</b>	15659 – Lens	NA	NA





<b>Name</b>	<b>MINI STEP LIGHT</b> Designed to be integrated into outdoor steps. Casts a low, even spread of light. Available with louvered or white acrylic faceplate.
<b>Ordering Guide</b>	15070 AZT - Acrylic Lens, Textured Architectural Bronze™, Aluminum 15072 AZT - Louvered Lens, Textured Architectural Bronze™, Aluminum 15072 CO - Louvered Lens, Copper, Unfinished Copper 15072 WHT - Louvered Lens, Textured White, Aluminum
<b>Housing</b>	Aluminum or copper faceplate with white reflector. Zinc plated steel housing. White acrylic diffuser on 15070 only.
<b>Finish</b>	Textured Architectural Bronze™, Unfinished Copper or Textured White
<b>Light Source</b>	12V Incandescent T-5 wedge base socket.
<b>Power Usage at 12V AC Input</b>	VA MAX: 11.6-W(VA) Supplied: 11.6-W(VA) 912X (17023) 6.5-W(VA) 918X MAX supplied on copper Xenon light source Optional: 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)
<b>Wiring</b>	Wire connection must be made inside fixture housing. 90° supply wire required.
<b>Mounting Accessories Included</b>	Mounting hardware and junction box
<b>LED Option</b>	15782 and 15780 – on page 22.
<b>Notes</b>	For recessed installation. For outdoor use only.



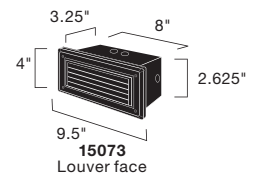
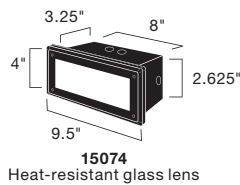


15074 AZT



15073 AZT

<b>Name</b>	<b>BRICK LIGHT – GLASS LENS</b> Designed to be integrated into brick walls during construction. Casts a low, even spread of light.	<b>BRICK LIGHT – LOUVERED</b> Designed to be integrated into brick walls during construction. Casts a low, even spread of light.
<b>Ordering Guide</b>	15074 AZT - Textured Architectural Bronze™	15073 AZT - Textured Architectural Bronze™
<b>Housing</b>	Cast Aluminum with a fully sealed heat-resistant glass lens	Cast Aluminum
<b>Finish</b>	Textured Architectural Bronze™	Textured Architectural Bronze™
<b>Light Source</b>	(2) 12V Incandescent T-3 bi-pin, high temperature porcelain sockets	(2) 12V Incandescent T-3 bi-pin, high temperature porcelain sockets
<b>Power Usage at 12V AC Input</b>	VA MAX: 10-W(VA) Supplied: 10-W(VA) Q10T3 (17011) halogen (2) Halogen light source	VA MAX: 10-W(VA) Supplied: 10-W(VA) Q10T3 (17011) halogen (2) Halogen light source
<b>Wiring</b>	Wire connection must be made inside fixture housing. 75° supply wire required.	Wire connection must be made inside fixture housing. 75° supply wire required.
<b>Mounting Accessories Included</b>	Stainless steel mounting bracket	Stainless steel mounting bracket
<b>LED Options</b>	15774 – on page 21.	15773 – on page 21.
<b>Notes</b>	For outdoor use only. Masonry or concrete use only.	For outdoor use only. Masonry or concrete use only.



15074 - Photometric with Lamp Supplied (fc)

Mounting Height	0.5'	1'	1.5'	2'	2.5'	3'	3.5'	4'
12"	–	–	–	–	.01	.04	.04	–
24"	–	–	.06	.1	.09	.04	.04	–
36"	.02	.04	.04	.04	.04	.04	.01	–

15073 - Photometric with Lamp Supplied (fc)

Mounting Height	0.5'	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12"	.3	1.1	.8	.5	.1	.02	–	–	–	–
24"	–	–	.1	.2	.2	.2	.1	.03	.02	–
36"	–	–	–	–	.01	.01	.03	.06	.03	.01



POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

This installation illuminated exclusively  
with Design Pro LED fixtures



Meet the professionals  
behind the lighting





**KICHLER**  
LIGHTING



LOW VOLTAGE

# Incandescent Accent

Create dramatic effects that make a landscape come alive at night.



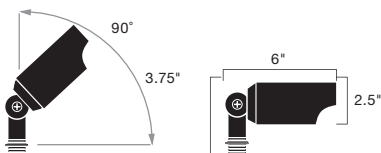
# ACCENT LOW VOLTAGE



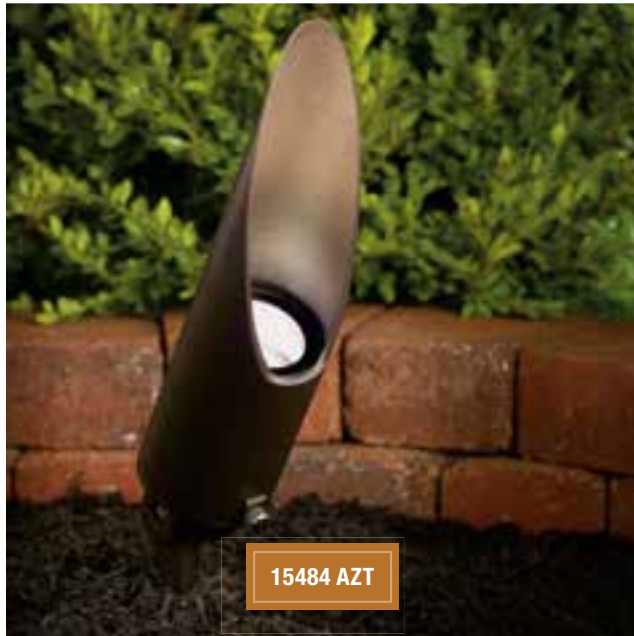
ACCENT - LOW VOLTAGE

A

<b>Name</b>	<b>MINI ACCENT</b> For uplighting only (spotlighting, cross-lighting, grazing).	
<b>Ordering Guide</b>	15384 AZT – Textured Architectural Bronze™, Aluminum 15384 AZT 20L – Same as 15384 AZT. 20-W MR-16, FL 36° included. 15384 AZT 24 – Same as 15384 AZT. Bulk packed in 24 (unbreakable master) 15384 BBR – Bronzed Brass, Brass 15384 BBR 20L – Same as 15384BBR. 20-W MR-16 FL 36° included. 15384 BBR 20L 12 – Same as 15384BBR 20L. Bulk packed in 12 (unbreakable master) 15384 BKT – Textured Black, Aluminum 15384 BKT 24 – Same as 15384 BKT. Bulk packed in 24 (unbreakable master) 15384 CO – Unfinished Copper. Extruded copper cowl. Die-cast brass knuckle/stem. 15384 MST – Textured Midnight Spruce™, Aluminum	
<b>Housing</b>	Cast Aluminum, Cast Brass or Unfinished Copper. Heat resistant flat glass lens is fully sealed.	
<b>Finish</b>	Textured Architectural Bronze™, Bronzed Brass, Textured Black, Unfinished Copper, or Textured Midnight Spruce	
<b>Light Source</b>	12V Incandescent bi-pin, high temperature porcelain socket	
<b>Power Usage at 12VAC Input</b>	VA MAX: 50-W(VA) MR-16 35-W(VA) Max. on 15384CO 20-W(VA) Max. Canada Lamp not supplied unless noted. Halogen light source.	
<b>Wiring</b>	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.	
<b>Mounting Accessories Included</b>	8" In-ground stake	
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Flange 15609 – Junction Box Mounting Bracket	15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems
<b>Optional Lens Accessories</b>	15675 LIN – Linear Lens 15676 FRO – Frosted Lens 15679 BK – Hexcell Louver Shield 15686 BL – Blue Filter	
<b>Notes</b>	See pages 136-139 for more light bulb options and light bulb photometrics. Copper will naturally patina over time.	



ACCENT LOW VOLTAGE

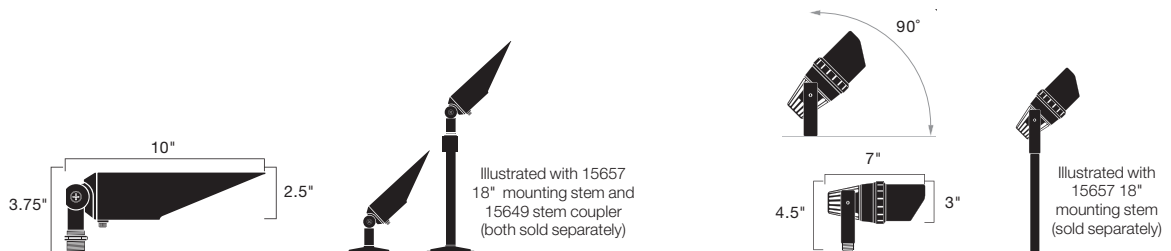


15484 AZT



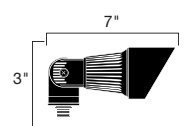
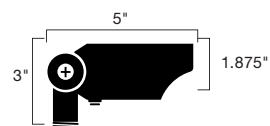
15397 AZT

<b>Name</b>	<b>LONG COWL MINI-ACCENT LIGHT (UP AND DOWN)</b> A compact (2¼" diameter) accent light with extra long cowl for up and down lighting versatility.		<b>ARCHITECTURAL GRADE ADJUSTABLE ACCENT LIGHT</b> Recommend for up or down spotlighting, cross-lighting and grazing. Use with the 6" (15645), 12" (15656), 18" (15657) or 24" (15658) mounting stem for dramatic effects.	
<b>Ordering Guide</b>	15484 AZT – Textured Architectural Bronze™		15397 AZT – Textured Architectural Bronze™	
<b>Housing</b>	Cast Aluminum. Heat-resistant flat glass lens is fully sealed.		Machined aluminum. Heat-resistant glass is fully sealed and angled for easy water run-off. Cowl is fully adjustable.	
<b>Finish</b>	Textured Architectural Bronze™		Textured Architectural Bronze™	
<b>Light Source</b>	12V Incandescent bi-pin, high temperature porcelain socket		12V Incandescent bi-pin, high temperature porcelain socket	
<b>Power Usage at 12V AC Input</b>	VA MAX: 50-W(VA) MR-16 20-W(VA) Max. Canada 35-W(VA) MR-11 Not supplied unless noted		VA MAX: 50-W(VA) MR-16 Aluminum 35-W(VA) Max. Canada 35-W(VA) MR-11 Not supplied unless noted	
<b>Wiring</b>	35" of usable #18-2, SPT-1-W leads. Connector supplied.		51" of usable #18-2, SPT-1-W leads. Cable connector supplied.	
<b>Mounting Accessories Included</b>	8" In-ground stake		8" In-ground stake	
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Flange 15609 – Junction Box Mounting Bracket	15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Flange 15609 – Junction Box Mounting Bracket	15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems
<b>Optional Lens Accessories</b>	15679 BK – Louver 15686 BL – Blue Filter 15676 FRO – Frosted Lens 15675 LIN – Linear Lens		15683 BK – Louver 15693 BL – Blue Filter	
<b>Notes</b>	See pages 136-139 for more light bulb options and light bulb photometrics		See pages 136-139 for more light bulb options and light bulb photometrics	





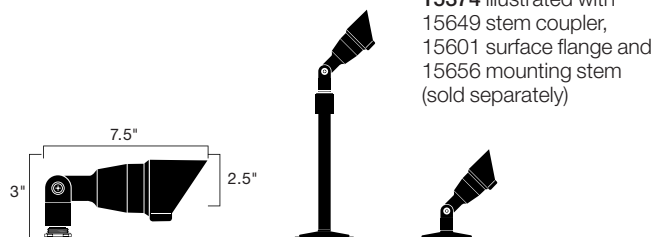
Name	<b>MICRO ACCENT - MR 11 ACCENT LIGHT</b> Our smallest incandescent (17/8") accent light. Recommended for up or down narrow spotlighting, cross-lighting and grazing for specialty applications.		<b>ACCENT LIGHT</b> Accent light for up or down spotlighting, cross-lighting and grazing.	
Ordering Guide	15398 AZT – Textured Architectural Bronze™		15309 AZT – Textured Architectural Bronze™ 15309 AZT 12 – Same as 15309 AZT. Bulk packed in 12 (unbreakable master). 15309 BKT – Textured Black	
Housing	Cast Aluminum. Heat-resistant glass is fully sealed.		Cast Aluminum. Heat resistant flat glass lens is fully sealed.	
Finish	Textured Architectural Bronze™		Textured Architectural Bronze™ or Textured Black	
Light Source	12V Incandescent bi-pin, high temperature porcelain socket		12V Incandescent bi-pin, high temperature porcelain socket	
Power Usage at 12V AC Input	VA MAX: 35-W(VA) MR-11 20-W(VA) Max. Canada Not supplied unless noted		VA MAX: 35-W(VA) MR-16 35-W(VA) MR-11 Supplied: 20-W(VA) MR-16 Halogen light source	
Wiring	36" of usable #18-2, SPT-1-W leads. Cable connector supplied.		40" of usable #18-2, SPT-1-W leads. Cable connector supplied. 12V.	
Mounting Accessories Included	8" In-ground stake		8" In-ground stake	
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Flange 15609 – Junction Box Mounting Bracket	15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Flange 15609 – Junction Box Mounting Bracket	15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems
Optional Lens Accessories	15631 BL – Blue Filter 15632 LIN – Linear Lens 15633 FRO – Frosted Lens 15634 BK – Louver			
Notes	See pages 136-139 for more light bulb options and light bulb photometrics		See pages 136-139 for more light bulb options and light bulb photometrics	

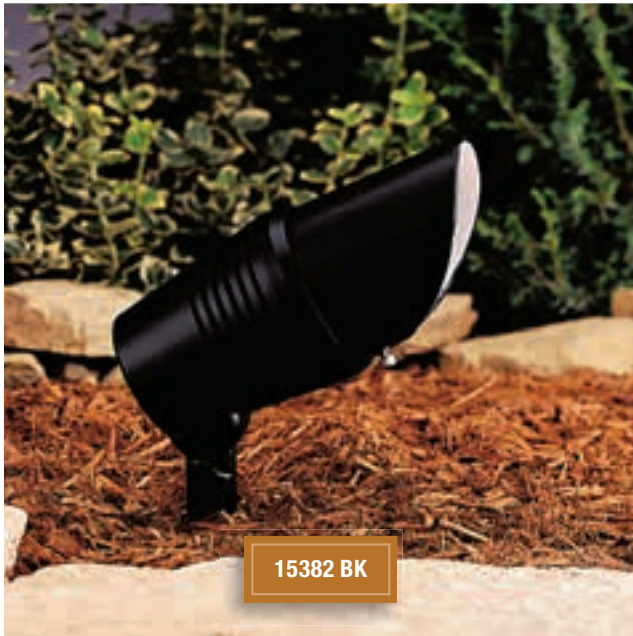


# ACCENT LOW VOLTAGE

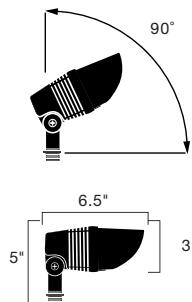


<b>Name</b>	<b>MINI ACCENT LIGHT</b> A compact (2¼" diameter) accent light for a variety of up and down lighting special effects such as spotlighting, cross-lighting and grazing.	
<b>Ordering Guide</b>	15374 AZT – Textured Architectural Bronze™ 15374 AZT 20L – Same as 15374 AZT. 20-W MR-16, FL 36° included 15374 AZT 20L 24 – Same as 15374 AZT. 20-W MR-16, FL 36° included. Bulk packed in 24 (unbreakable master). 15374 BE 20L - Beach, 20-W MR16, FL 36° 15374 BKT – Textured Black 15374 BKT 20L 24 – Same as 15374 BKT. 20-W MR-16, FL 36° included. Bulk packed in 24 (unbreakable master).	
<b>Housing</b>	Cast Aluminum. Heat resistant flat glass lens is fully sealed.	
<b>Finish</b>	Textured Architectural Bronze™, or Textured Black	
<b>Light Source</b>	12V Incandescent bi-pin, high temperature porcelain socket	
<b>Power Usage at 12V AC Input</b>	VA MAX: 50-W(VA) MR-16 20-W(VA) Max. Canada Lamp not supplied unless noted	
<b>Wiring</b>	31" of usable #18-2, SPT-1-W leads. Cable connector supplied.	
<b>Mounting Accessories Included</b>	8" In-ground stake	
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Flange 15609 – Junction Box Mounting Bracket	15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems
<b>Optional Lens Accessories</b>	15641 BL – Blue Filter 15642 LIN – Linear Lens 15643 FRO – Frosted Lens 15644 BK – Hexcell Louver Shield	
<b>Notes</b>	See pages 136-139 for more light bulb options and light bulb photometrics	





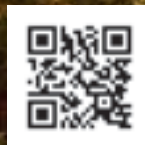
<b>Name</b>	<b>COMPOSITE ACCENT LIGHT</b> For up or down spotlighting, cross-lighting and grazing. A cost-effective, corrosion-resistant option in harsh environments.	
<b>Ordering Guide</b>	15382 BK – Black	
<b>Housing</b>	Components of durable high heat thermoplastic composite resin. Heat-resistant flat glass lens is fully sealed.	
<b>Finish</b>	Black	
<b>Light Source</b>	12V Incandescent bi-pin, high temperature porcelain socket	
<b>Power Usage at 12V AC Input</b>	VA MAX: 35-W(VA) MR-16 Lamp not supplied unless noted	
<b>Wiring</b>	30" usable #18-2, SPT-1-W leads. Cable connector supplied.	
<b>Mounting Accessories Included</b>	8" In-ground stake	
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Flange 15609 – Junction Box Mounting Bracket	15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems
<b>Optional Lens Accessories</b>	15673 BL – Blue Filter 15672 FRO – Frosted Lens 15674 LIN – Linear Lens	
<b>Notes</b>	<b>U.S. Patent D417,519</b> See pages 136-139 for more light bulb options and light bulb photometrics	





POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

This installation illuminated exclusively  
with Design Pro LED fixtures



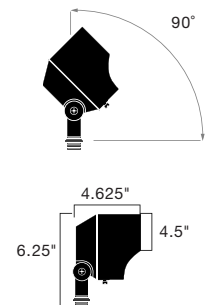
Meet the professionals  
behind the lighting

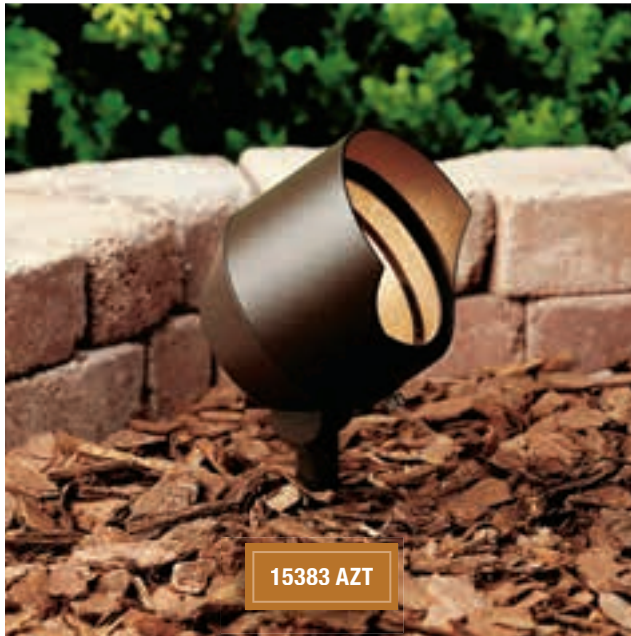




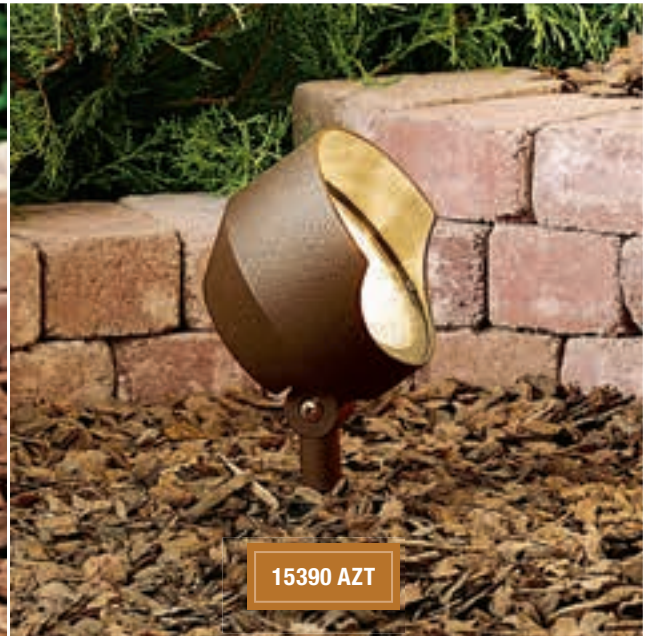


<b>Name</b>	<b>MR-16 ACCENT LIGHT</b> Larger (4½" diameter) for up or down wider light spread along walls, shrubs, and trees.	
<b>Ordering Guide</b>	15381 AZT – Textured Architectural Bronze™, Aluminum 15381 AZT 6 – Same as 15381AZT. Bulk packed in 6 (unbreakable master) 15381 BBR – Bronzed Brass, Brass 15381 BKT – Textured Black, Aluminum	
<b>Housing</b>	Cast Aluminum or Cast Brass. Heat resistant flat glass lens is fully sealed.	
<b>Finish</b>	Textured Architectural Bronze™, Bronzed Brass or Textured Black	
<b>Light Source</b>	12V Incandescent bi-pin, high temperature porcelain socket	
<b>Power Usage at 12V AC Input</b>	VA MAX: 75-W(VA) MR-16 Lamp not supplied unless noted	
<b>Wiring</b>	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.	
<b>Mounting Accessories Included</b>	8" In-ground stake	
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Flange 15609 – Junction Box Mounting Bracket	15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems
<b>Optional Lens Accessories</b>	15680 BK – Hexcell Louver Shield 15687 BL – Blue Filter 15691 FRO – Frosted Lens 15692 LIN – Linear Lens	
<b>Notes</b>	See pages 136-139 for more light bulb options and light bulb photometrics	





15383 AZT

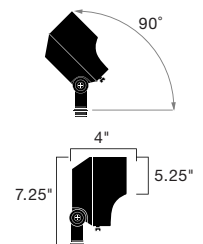
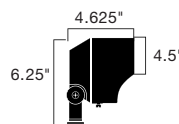


15390 AZT

<b>Name</b>	<b>BI-PIN ACCENT LIGHT</b> The clarity of halogen in a larger (4½" diameter) size for wider up or down light spread.	<b>PAR 36 ACCENT LIGHT</b> A full-size (5¼" diameter) adjustable accent light, recommend for up or down wall washing and other wider beam spread applications.
<b>Ordering Guide</b>	15383 AZT – Textured Architectural Bronze™	15390 AZT – Textured Architectural Bronze™
<b>Housing</b>	Cast Aluminum. Heat-resistant flat glass is fully sealed.	Cast Aluminum.
<b>Finish</b>	Textured Architectural Bronze™	Textured Architectural Bronze™
<b>Light Source</b>	12V Incandescent bi-pin, high temperature porcelain socket	12V Incandescent PAR-36 lamp
<b>Power Usage at 12V AC Input</b>	VA MAX: 75-W(VA) BBR 20-W (VA) Max. Canada Supplied: 50-W(VA) Q50T4 (17015) Halogen light source	VA MAX: 50-W(VA) PAR-36 Lamp not supplied unless noted
<b>Wiring</b>	38" of usable #18-2, SPT-1-W leads. Cable connector supplied.	42" of usable #18-2, SPT-1-W leads. Cable connector supplied. Supply wire lugs attach directly to PAR 36 light bulb screw terminals. Light bulb secured in place with retaining ring.
<b>Mounting Accessories Included</b>	8" In-ground stake	8" In-ground stake
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Flange 15609 – Junction Box Mounting Bracket	15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems
<b>Notes</b>	See pages 136-139 for more light bulb options and light bulb photometrics	See pages 136-139 for more light bulb options and light bulb photometrics

Fixture Photometric (fc)

A-Aiming Angle	0°			30°			45°					
	D	FC	L	W	D	FC	L	W	D	FC	L	W
5°	8.76	4.45	4.45	5.69	6.36	5.14	3.1	11.11	6.3			
10°	2.19	8.9	8.9	1.42	12.71	10.28	.77	22.21	12.59			
20°	.55	17.81	17.81	.36	25.43	20.56	.19	44.42	25.19			





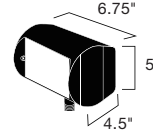
# FLOOD LIGHT WALL WASH - ACCENT LOW VOLTAGE



15385 AZT

<b>Name</b>	<b>HOODED ADJUSTABLE WIDE FLOOD LIGHT</b>	
	Large (6¾" x 5") floodlight with wide beam spread for dramatic up or down wall-washing of taller walls and vertical stonework. Eyebrow shields glare to allow for horizontal use.	
<b>Ordering Guide</b>	15385 AZT – Textured Architectural Bronze™	
<b>Housing</b>	Cast Aluminum. Heat-resistant flat glass lens is fully sealed.	
<b>Finish</b>	Textured Architectural Bronze™	
<b>Light Source</b>	12V Incandescent bi-pin, high temperature porcelain socket	
<b>Power Usage at 12V AC Input</b>	VA MAX: 75-W(VA) Aluminum Supplied: 50-W(VA) QT3 or QT4 (17015) Halogen light source	
<b>Wiring</b>	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.	
<b>Mounting Accessories Included</b>	8" In-ground stake	
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Flange 15609 – Junction Box Mounting Bracket	15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems
<b>Notes</b>	See pages 136-139 for more light bulb options and light bulb photometrics <b>U.S. Patent Pending</b>	

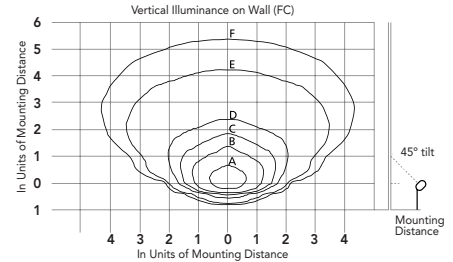
15395 AZT



Vertical Illuminance (FC)

	Mounting Distance from Surface					
	A	B	C	D	E	F
3'	9.30	5.43	1.81	.9	.18	.09
4'	5.08	3.05	1.01	.51	.10	.05
5'	3.25	1.95	.65	.33	.07	.03
6'	2.26	1.35	.45	.23	.05	.02
7'	1.66	.99	.33	.17	.03	.03
8'	1.27	.76	.25	.13	.03	.01
9'	1	.6	.2	.1	.02	.01
10'	.81	.49	.16	.08	.02	.01

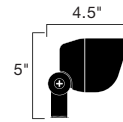
Light bulb conversion: 75W, T4 BI-PIN, FCX1.54



ACCENT - LOW VOLTAGE

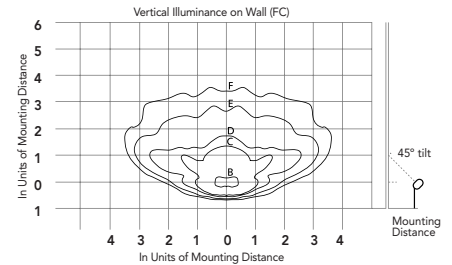
A

15396 AZT

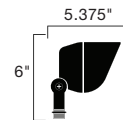


Vertical Illuminance (FC)

	Mounting Distance from Surface					
	A	B	C	D	E	F
3'	13.89	8.33	2.78	1.39	.28	.14
4'	7.81	4.69	1.56	.78	.16	.08
5'	5	3	1	.5	.1	.05
6'	3.47	2.08	.69	.35	.07	.03
7'	2.55	1.53	.51	.26	.05	.03
8'	1.95	1.17	.39	.2	.04	.02
9'	1.54	.93	.31	.15	.03	.02
10'	1.25	.75	.25	.13	.03	.01



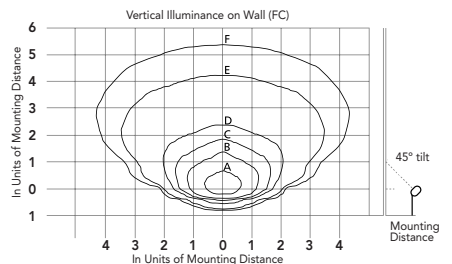
15385 AZT



Vertical Illuminance (FC)

	Mounting Distance from Surface					
	A	B	C	D	E	F
3'	9.30	5.43	1.81	.9	.18	.09
4'	5.08	3.05	1.01	.51	.10	.05
5'	3.25	1.95	.65	.33	.07	.03
6'	2.26	1.35	.45	.23	.05	.02
7'	1.66	.99	.33	.17	.03	.03
8'	1.27	.76	.25	.13	.03	.01
9'	1	.6	.2	.1	.02	.01
10'	.81	.49	.16	.08	.02	.01

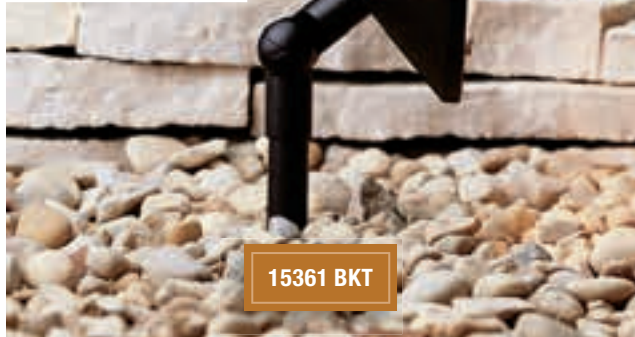
Light bulb conversion: 75W, T4 BI-PIN, FCX1.54



# WALL WASH – ACCENT LOW VOLTAGE



15361 AZT



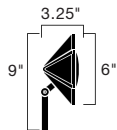
15361 BKT



CAST BRASS

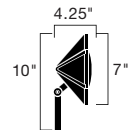
15363 BBR

<b>Name</b>	<b>ADJUSTABLE WALL WASH</b> Creates a low, even light spread to illuminate shrubs, plants or textured wall surfaces to silhouette special details.		<b>ADJUSTABLE CAST BRASS WALL WASH</b> Engineered for harsh weather conditions, including salt air. Creates a low, even light spread to illuminate shrubs, plants or textured wall surfaces to silhouette special details.	
<b>Ordering Guide</b>	15361 AZT – Textured Architectural Bronze™ 15361 BKT – Textured Black		15363 BBR – Bronzed Brass	
<b>Housing</b>	Cast Aluminum with clear polycarbonate shield		Cast Brass with clear polycarbonate shield	
<b>Finish</b>	Textured Architectural Bronze™ or Textured Black		Bronzed Brass	
<b>Light Source</b>	12V Incandescent S-8 wedge base socket		12V Incandescent S-8 wedge base socket	
<b>Power Usage at 12V AC Input</b>	VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)		VA MAX: 24.4-W(VA) Supplied: 24.4-W(VA) 3156K (15598 CLR) Krypton light source Optional: 18.5-W(VA) 3155K (15599 CLR)	
<b>Wiring</b>	42" of usable #18-2, SPT-1-W leads. Cable connector supplied.		46" of usable #18-2, SPT-1-W leads. Cable connector supplied.	
<b>Mounting Accessories Included</b>	8" In-ground stake		8" In-ground stake	
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Flange 15609 – Junction Box Mounting Bracket	15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Flange 15647 – 90° Elbow 15649 – Stem Coupler	15658 or 15570 – Stems



Photometric with Lamp Supplied (fc)

Distance from Wall	0'	1'	2'	3'	4'	5'	6'	7'	8'	9'
4'	4.9	3.6	2.5	1.6	1.0	.70	.40	.30	<b>.15</b>	.10
8'	1.2	1.1	.90	.78	.63	.50	.40	.33	.25	<b>.20</b>



Photometric with Lamp Supplied (fc)

Distance from Wall	0'	1'	2'	3'	4'	5'	6'	7'	8'	9'
4'	6.37	4.68	3.25	2.08	1.30	.91	.52	.39	<b>.19</b>	.13
8'	1.60	1.43	1.17	1.02	.82	.65	.52	.43	.32	<b>.26</b>

DOWNLIGHT – ACCENT LOW VOLTAGE



15087 AZT



15093 WHT

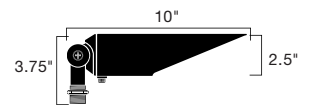
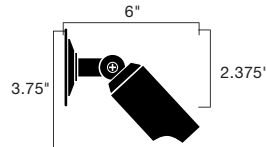
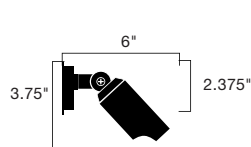


15494 AZT

ACCENT - LOW VOLTAGE

A

<b>Name</b>	<b>MR-16 MINI ACCENT (DOWN)</b> Tree or surface mount for downlight application. Features open stainless steel lamp protection. For downlight use only.	<b>MR-16 MINI ACCENT (DOWN)</b> Tree or surface mount for downlight application. Features open stainless steel lamp protection. For downlight use only.	<b>LONG COWL MINI-ACCENT</b> A compact accent light with extra long cowl. Up or down lighting.
<b>Ordering Guide</b>	15087 AZT – Textured Architectural Bronze™	15093 WHT – Textured White	15494 AZT – Textured Architectural Bronze™
<b>Housing</b>	Cast Aluminum with stainless steel screen.	Cast Aluminum with Stainless Steel screen.	Cast Aluminum. Heat-resistant flat glass lens is fully sealed.
<b>Finish</b>	Textured Architectural Bronze™	Textured White	Textured Architectural Bronze™
<b>Light Source</b>	12V Incandescent bi-pin, high temperature porcelain socket	12V Incandescent bi-pin, high temperature porcelain socket	12V Incandescent bi-pin, high temperature porcelain socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 50-W(VA) MR-16 20-W(VA) Max. Canada 35-W(VA) MR-11 Lamp not supplied unless noted	VA MAX: 50-W(VA) MR-16 20-W(VA) Max. Canada 35-W(VA) MR-11 Lamp not supplied unless noted	VA MAX: 50-W(VA) MR-16 20-W(VA) Max. Canada 35-W(VA) MR-11 Lamp not supplied unless noted
<b>Wiring</b>	35" of usable #18-2, SPT-1-W leads. Cable connector supplied.	35" of usable #18-2, SPT-1-W leads. Cable connector supplied. 12V porcelain universal bi-pin socket.	35" of usable #18-2, SPT-1-W leads. Connector supplied.
<b>Mounting Accessories Included</b>	15607 – Surface Mounting Bracket	White Surface Mounting Bracket and Hardware	15609 – Junction Box Mounting Bracket
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems	N/A	15601 – Surface Mounting Flange 15607 – Tree/Surface Mounting Flange 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems
<b>Optional Lens Accessories</b>	N/A	N/A	15675 LIN – Linear Lens 15676 FRO – Frosted Lens 15679 BK – Louver 15686 BL – Blue Filter
<b>Notes</b>	See pages 136-139 for more light bulb options and light bulb photometrics	See pages 136-139 for more light bulb options and light bulb photometrics	See pages 136-139 for more light bulb options and light bulb photometrics



LOW VOLTAGE

# Incandescent Well Lights

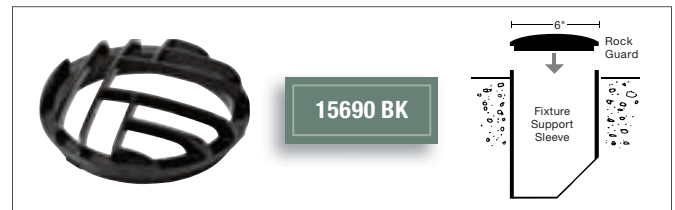
Bring the light center stage.



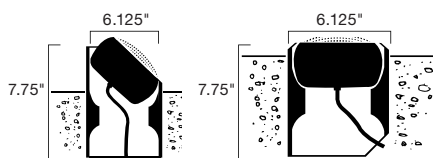




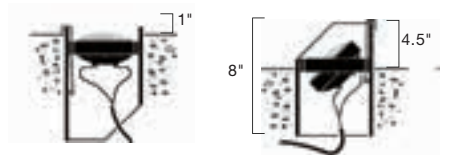
<b>Name</b>	<b>RUBBER BOOT HELD PAR 36 WELL LIGHT</b> Flush mounted or angled uplighting effects when semi-recessed.	<b>YOKE HELD PAR 36 WELL LIGHT</b> Versatile design with reversible support sleeve to accommodate uplighting when flush mounted or angled lighting effects when semi-recessed. Stainless steel gimble ring design holds lamp securely at desired angle.
<b>Ordering Guide</b>	15488 BK – Black 15488 BK 12 – Same as 15488 BK. Bulk packed in 12 (unbreakable master)	15088 BK – Black 15088 BK 12 – Same as 15088 BK. Bulk packed in 12 (unbreakable master) 15388 BK – Same as 15088 BK. 35-W PAR-36 included
<b>Housing</b>	Silicone rubber lamp holder. Heavy-duty polycarbonate ground support sleeve.	Stainless steel gimble ring with silicone rubber lamp support clips. Heavy-duty polycarbonate ground support sleeve.
<b>Finish</b>	Black	Black
<b>Light Source</b>	12V Incandescent PAR 36 lamp	12V Incandescent PAR 36 lamp
<b>Power Usage at 12V AC Input</b>	VA MAX: 50-W(VA) Supplied: 35-W (VA) PAR 36 wide flood supplied and installed Halogen light source	VA MAX: 36-W(VA) PAR-36. Lamp not supplied unless noted.
<b>Wiring</b>	39" of usable #18-2, SPT-1-W leads. Cable connector supplied. Supply wire with lugs attach directly to PAR 36 light bulb screw terminals.	42" of usable #18-2, SPT-1-W leads. Cable connector supplied. Supply wire with lugs attach directly to PAR 36 light bulb screw terminals.
<b>Optional Lens Accessories</b>	NA	15689 BK – Lens Cover 15690 BK – Rock Guard
<b>Notes</b>	See pages 136-139 for more light bulb options and light bulb photometrics	See pages 136-139 for more light bulb options and light bulb photometrics



15690 BK snaps easily into place on flat side of fixture's sleeve.



**Lens Accessory 15689 BK** available for Well Light 15088 and 15388. Heat-resistant glass lens provides protection from sprinklers and lawn debris.



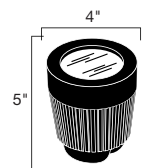
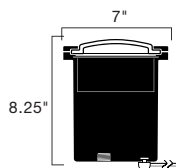
WELL LIGHTS LOW VOLTAGE



<b>Name</b>	<b>ENCLOSED PAR 36 WELL</b> Completely sealed well light creates unique lighting effects and reduces maintenance with Rock Guard/Glare Shield accessory (15694 AZ) on page 132.	<b>MR-16 MINI WELL</b> Smaller version of our popular standard well light to shed focused upwards illumination on special features in the landscape. Recommended for salt-air environments.
<b>Ordering Guide</b>	15194 AZ – Architectural Bronze™	15190 BK – Black
<b>Housing</b>	Durable thermoplastic composite resin. Glass lens for watertight outdoor inground use.	Durable high heat thermo-plastic composite resin. Heat resistant convex shaped glass lens. Fully sealed for watertight outdoor usage.
<b>Finish</b>	Architectural Bronze™	Black
<b>Light Source</b>	12V Incandescent PAR 36 lamp	12V Incandescent bi-pin, high temperature porcelain socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 50-W(VA) PAR 36 Lamp not supplied unless noted	VA MAX: 50-W(VA) MR-16 35-W(VA) Max. 20-W(VA) Max. Canada Lamp not supplied unless noted
<b>Wiring</b>	34" of usable #18-2, SPT-1-W leads. Cable connector supplied. Supply wire with lugs attach directly to PAR 36 light bulb screw terminals.	36" of usable #18-2, SPT-1-W leads. Cable connector supplied.
<b>Optional Lens Accessories</b>	15694 – Rock Guard	
<b>Notes</b>	See pages 136-139 for more light bulb options and light bulb photometrics	<b>U.S. Patent No. D437,652</b> See pages 136-139 for more light bulb options and light bulb photometrics



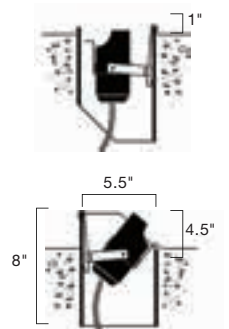
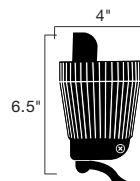
Rock Guard/Glare Shield Accessory



WELL LIGHTS LOW VOLTAGE



Name	<b>MR-16 MINI WELL WITH COWL</b> Same as 15190 with added glare shield for optimal viewing comfort. Recommended for salt air environments.	<b>MR-16 WELL</b> Versatile design with reversible support sleeve to accommodate uplighting when flush mounted or angled lighting effects when semi-recessed. Heavy-duty polypropylene sleeve provides in-ground support.
Ordering Guide	15192 BK – Black	15092 BKT – Textured Black
Housing	Components of durable high heat thermoplastic composite resin. Glare shield molded into lid. Light bulb shielded by a heat-resistant convex shaped glass lens for better debris run-off. Fully sealed for watertight outdoor usage.	Aluminum housing with heat resistant flat glass lens is fully sealed. Heavy duty polypropylene sleeve provides in-ground fixture support.
Finish	Black	Textured Black
Light Source	12V Incandescent bi-pin, high temperature porcelain socket	12V Incandescent bi-pin, high temperature porcelain socket
Power Usage at 12V AC Input	VA MAX: 50-W(VA) MR-16 10-W(VA) MAX Canada 35-W(VA) Max. 20-W(VA) Max. Canada Lamp not included unless noted	VA MAX: 50-W(VA) MR-16 Lamp not included unless noted
Wiring	36" of usable #18-2, SPT-1-W leads. Cable connector supplied.	38" of usable #18-2, SPT-1-W leads. Cable connector supplied.
Optional Lens Accessories		15675 LIN – Linear Lens 15676 FRO – Frosted Lens 15679 BK – Hexcell Louver Shield 15686 BL – Blue Filter
Notes	See pages 136-139 for more light bulb options and light bulb photometrics	See pages 136-139 for more light bulb options and light bulb photometrics



LOW VOLTAGE

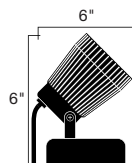
# Incandescent Water Feature Lighting

The perfect concert of sound, movement and light.





<b>Name</b>	<b>UNDERWATER LIGHT</b> Creates dramatic effects in or near water features.
<b>Ordering Guide</b>	15191 BK – Black
<b>Housing</b>	Components of durable high heat thermoplastic composite resin. Heat-resistant flat glass lens is fully sealed. Weighted base included.
<b>Finish</b>	Black
<b>Light Source</b>	12V Incandescent bi-pin, high temperature porcelain socket
<b>Power Usage at 12V AC Input</b>	VA MAX: 50-W(VA) MR-16 35-W(VA) Max. 20-W(VA) Max. Canada Lamp not included unless noted
<b>Wiring</b>	25' of #18-2, STW leads
<b>Notes</b>	See pages 136-139 for more light bulb options and light bulb photometrics Note: NOT for pool and spa use





POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

This installation illuminated exclusively  
with Design Pro LED fixtures



LOW VOLTAGE

# Transformers

Power to perform.





## SAFE

- Runs feature one common transformer per circuit. ANSI/UL1838 requirements limit each circuit to 300-W and 15V.
- Secondary circuit breakers offer short-circuit protection as a standard feature.
- Magnetic circuit breakers provide a faster response to a fault in the system.
- An in-line primary thermostat protects against thermal over-load. These built-in thermostats are auto-resetting, eliminating the need for replacement or maintenance.
- Because compliance and safety are important long after the installation is complete all Kichler Landscape Lighting low voltage transformers are listed or certified by UL, ETL, and/or CSA to the appropriate ANSI/UL 1838 standard for both the United States and Canada.
- Internal wiring is rated for 150°C (302°F), which exceeds safety standard requirements and provides longer life.

## POWERFUL

- Various wattage options are available including: 60, 75, 100, 200, 300, 600, 900, and 1200 in many options.
- Available in premium or economy options – convenient for larger, more complicated jobs or where smaller profile, lower-wattage units can be used.

## DURABLE

- Full enclosure of the housing protects components from weather, sprinkling systems and debris.
- Professional Series housings are made of stainless steel grade 304 designed to run cooler and resist corrosion, and last longer in outdoor environments.
- Multi-tap transformers allow greater flexibility in managing multiple wire runs by moving cables up and down the multi-range. This assures that the correct voltage is applied to a lamp – creating a consistent light output and maximizing lamp life.

## DEPENDABLE

- Every tap is tested on the assembly line to ensure that output is consistently accurate.
- Installation is simplified, thanks to 30°-tilted taps mounted on the 125-Amp terminal board. This gives you more space and greater visibility while inserting cables into taps.
- Units can be loaded up to the full maximum watts, including cable length, fixtures and cable loss. For ease in calculating runs, Kichler provides a Voltage Drop Tool that features pull-down menus and professional printouts for recordkeeping.

## WARRANTY

- Limited lifetime warranty offered on Stainless Steel (SS) transformer models.
- A limited 10-Year Warranty on powder-coated Textured Architectural Bronze™ (AZT) transformer models.

## CORE AND COIL CONSTRUCTION

All core and coil-types used in Kichler transformers, except economy series, feature epoxy encapsulation. This provides commercial-grade benefits such as:

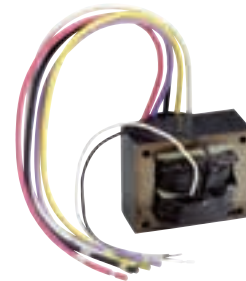
- **PROTECTION:** Core, wire leads and inner parts are set inside epoxy to prevent exposure to moisture to resist corrosion and maintain a permanent seal.
- **QUIET:** Humming noises are eliminated, as well as vibration, keeping connections from loosening.
- **COOL:** Epoxy also keeps unit running cooler. Running cooler at full load is safer and conserves energy.

## OTHER IMPORTANT INSTALLATION CONSIDERATIONS:

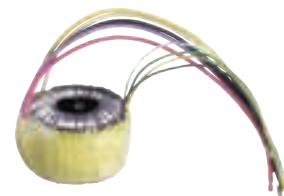
- National Electric Code and Underwriters Laboratories (UL) require that wiring, where concealed or extended through a building wall, must be enclosed in conduit.
- All Kichler transformers are rated for use with ANSI/UL 1838 listed fixtures including those for underwater use. Kichler transformers are NOT rated for use with fixtures for pools, spas, or bodies of water intended for immersion of humans.

## TIP ON PRIMARY POWER:

Since 120-Volts can vary depending on time of day and local utility fluctuations, always measure the voltage on the primary side before and during job installation. Transformers reduce primary input in a ratio of 10:1 – Ex: 120 Volts:12 Volts.



High Efficient E.I. core and coil configuration is standard on most Kichler models



15PR900SS, 15PR1200SS, and 15PL900AZT/BE feature high efficiency Torid core and coil configuration



<p><b>Name</b></p>	<p><b>PROFESSIONAL SERIES PR</b> Kichler's Professional Series provides the best options and flexibility needed for most installations. Output voltage range will suit most jobs. Features include a commercial grade core and coil, pluggable timer and photocell outlets, plus a lifetime warranty. For details see chart on pages 126-127.</p>	<p><b>PROFESSIONAL SERIES PR</b> 75-W Professional Series transformer is ideal for use with Kichler Design Pro LED low voltage fixtures. Timer and photocell included. For details see chart on pages 126-127.</p>
<p><b>Features</b></p>	<ul style="list-style-type: none"> <li>• Output voltage taps 12/13/14/15 Volts</li> <li>• Installation is made easy with 30° tilted taps mounted on a 125-Amp terminal board because there is more space and greater visibility while inserting cables into taps</li> <li>• Tilted terminal board and large capacity lugs inside the taps hold up to 8, #10-gauge wires or up to 10, #12-gauge wires per tap</li> <li>• In-line secondary magnetic breaker protects against short circuit</li> <li>• Fully enclosed housing constructed of #304 grade stainless steel</li> <li>• Epoxy encapsulant for greater protection and performance.</li> <li>• Drop down bottom panel with four pre-punched field knockouts sized for 1/2" or 3/4" conduit (trade sizes) and one large center 1-3/4" inlet</li> <li>• Professional Series units feature high efficiency E.I. core and coil and dedicated wire loop for quick access testing of primary load. This provides the best reliability and maintains improved regulation from no load to full load. High efficiency E.I. offers comparable efficiency to toroid models. High-efficiency E.I. run cooler because heat dissipates, run quieter since there's no hum, and run smoother due to less vibration</li> <li>• 900-W and 1200-W units feature high efficiency Toroid core and coils</li> <li>• 900-W and 1200-W Professional Series units feature relay (contactor), which reduces current amp draw through the timer, photocell, and receptacle – extending the life of these components</li> <li>• Mounting brackets are welded and riveted in place for extra strength. Mounting plate for indoor use is included. Transformers used indoors require cable to be routed through conduit. Check local government ordinances and codes to ensure proper standards are met</li> <li>• Compatible with plug-in timer and plug-in photocells.</li> <li>• Limited lifetime warranty</li> </ul>	<ul style="list-style-type: none"> <li>• In-line secondary magnetic breaker protects against short circuit</li> <li>• Epoxy encapsulant for greater protection and performance.</li> <li>• Fully enclosed housing constructed of #304 grade stainless steel</li> <li>• Mounting brackets are welded and riveted in place for extra strength. Mounting plate for indoor use is included. Transformers used indoors require cable to be routed through conduit. Check local government ordinances and codes to ensure proper standards are met.</li> <li>• Limited lifetime warranty</li> </ul>



<p><b>Name</b></p>	<p><b>PROFESSIONAL SERIES 2-IN-1 PR</b>                  The Professional Series 2-In-1 Transformer provides one distinct model designed for unique applications where two separate 300-W circuits (zones) and control options are needed within the same housing.                   For details see chart on pages 126-127.</p>	<p><b>PLUS SERIES PL</b>                  Kichler's Plus Series Transformers feature a 6' cord, pluggable options and a powder coated steel case.                   For details see chart on pages 126-127.</p>
<p><b>Features</b></p>	<ul style="list-style-type: none"> <li>• 2 separate sets of multi-tap output – 12V, 13V, 14V, 15V on each circuit</li> <li>• 600-W total power and (2) independently controlled 300-W transformers for 2 separate scenes</li> <li>• (2) independent receptacles for pluggable photocells for multiple on/off options</li> <li>• (2) independent receptacles for pluggable timers</li> <li>• Limited lifetime warranty</li> </ul>	<ul style="list-style-type: none"> <li>• Output voltage taps are 12V, 13V, 14V, 15V, 80 Amp. Max. per board</li> <li>• Powder-coated housing is painted steel with AZT or BE finish</li> <li>• Auto-resettable in-line primary overload protection</li> <li>• An in-line secondary magnetic breaker protects against short circuiting</li> <li>• Epoxy encapsulated for greater protection and performance</li> <li>• Compatible with plug-in timer and plug-in photocells</li> <li>• Mounting template included</li> <li>• 10-year limited warranty</li> </ul>



<p><b>Name</b></p>	<p><b>MANUAL SERIES M</b>                  Kichler's Manual Series Transformers are the ideal solution when on/off switching is desired from a switched electrical outlet. Timers and photocells are not offered as options for this unit.                   For details see chart on pages 126-127.</p>	<p><b>IN-GROUND SERIES IG</b>                  Choose Kichler's In-Ground Series Transformers when direct burial is desired. Units are hardwired with flying leads so terminal lug taps are not provided.                   For details see chart on pages 126-127.</p>	<p><b>ECONOMY SERIES E</b>                  Kichler's Economy Series Transformers for small jobs or single specialty piece applications. Built in photocell, timer and high-low switch.                   For details see chart on pages 126-127.</p>
<p><b>Features</b></p>	<ul style="list-style-type: none"> <li>• Output voltage taps are 12V, 13V, 15V only on 15M300 AZT and 15M600 AZT. 15M100 AZT and 15M200 AZT are single 12V taps</li> <li>• Epoxy encapsulated for greater protection and performance</li> <li>• An in-line secondary magnetic breaker protects against short circuiting</li> <li>• Auto-resettable in-line primary overload protection</li> <li>• 10-year limited warranty</li> </ul>	<ul style="list-style-type: none"> <li>• Output voltage taps are 12V, 13V, 14V, 15V</li> <li>• Epoxy encapsulated for greater protection and performance</li> <li>• Auto-resettable in-line primary overload protection</li> <li>• 10-year limited warranty</li> <li>• Housing constructed of #304 grade stainless steel</li> </ul>	<ul style="list-style-type: none"> <li>• High and Low output settings</li> <li>• Integral timer and photocell</li> <li>• Durable black polymeric enclosure resists corrosion</li> <li>• An in-line push button thermal breaker on the secondary protects against short circuiting.</li> <li>• Auto-resettable in-line primary overload protection</li> <li>• 10-year limited warranty</li> </ul>

**Mechanical Transformer Timer**



**15557 BK**

See Page 135

**Plug-In Transformer Photocell**



Photocells should be faced out (not up) for optimum life

**15565 BK**

See Page 135

**Digital Transformer Timer**



**15556 WH**

Integrated battery backup

**Synchronizer Device**



**15511 BK**

See Page 135

**Remote Plug-In Transformer Photocell**



Photocells should be faced out (not up) for optimum life.

10' cord

**15534 BK**

See Page 135

**TRANSFORMER ACCESSORIES**

Along with a wide variety of transformers, Kichler offers a full complement of control accessories. Used separately or in tandem; light may be controlled as desired.

Photocells allow the intensity of daylight to define transformer operation. Timers can be used for more exacting requirements. Regardless of which is chosen, each will assist the transformer in providing the desired result.

	PREMIUM								PLUS				
	15PR75 SS	15PR100 SS	15PR200 SS	15PR300 SS	15PRD600 SS <sup>2-hi-1</sup>	15PR600 SS	15PR900 SS	15PR1200 SS	15PL100 AZT	15PL200 AZT/BE	15PL300 AZT/BE	15PL600 AZT/BE	15PL900 AZT/BE
Wattage (VA)	75	100	200	300	600	600	900	1200	100	200	300	600	900
Automatic Timer	●	●	●	●	●	●	●	●	●	●	●	●	●
Photo Electric Eye	●	●	●	●	●	●	●	●	●	●	●	●	●
Compatible w/Plug-In Timers		●	●	●	●	●	●	●	●	●	●	●	●
High-Low-Off Switch	●												
On-Off-Auto Switch													
Multi-Tap Connection 12V, 13V, 15V													
Multi-Tap Connection 12V, 13V, 14V, 15V		●	●	●	●	●	●	●	●	●	●	●	●
Thermal Cut-Off on Primary Side	●	●	●	●	●	●	●	●	●	●	●	●	●
Thermal Reset Breaker on Secondary Side													
Magnetic Breaker on Secondary Side	●	●	●	●	●	●	●	●	●	●	●	●	●
Easy Connect Terminal Blocks	●	●	●	●	●	●	●	●	●	●	●	●	●
6', 3-Wire #16-3 SJTW Cord							●	●				●	●
6', 3-Wire #18-3 SJTW Cord		●	●	●	●	●			●	●	●		
3', 3-Wire #12-3 SJTW Cord	●												
6', 2-Wire #18-2 SJTW Cord													
Includes Mounting Plate for Indoor Use	●	●	●	●	●	●	●	●	●	●	●	●	●
Ground Terminal	●												
Direct Burial													
Textured Architectural Bronze or Beach Powder Coat									●	●	●	●	●
#304 Grade Stainless Steel	●	●	●	●	●	●	●	●					
Composite Housing													
10-Year Limited Warranty									●	●	●	●	●
Lifetime Warranty	●	●	●	●	●	●	●	●					
High Efficiency E.I. Core and Coil Configuration	●	●	●	●	●	●			●	●	●	●	
High Efficiency Toroid Core and Coil Configuration							●	●					●

TRANSFORMERS LOW VOLTAGE

ECONOMY				SPECIALTY	
15M100 AZT	15M200 AZT	15M300 AZT	15M600 AZT	15E60 BK	15E120 BK
8" x 3.25" x 3"	13.25" x 3.5" x 4"	13.5" x 4.5" x 4"	14.25" x 5.5" x 5.5"	6.75" x 3.75" x 3.75"	6.875" x 3" x 3"
100	200	300	600	60	120
<b>IN GROUND</b> Stainless Steel (SS)					
				15IG300 SS	15IG600 SS
				10.75" x 4.5" x 4.75"	10.25" x 4.5" x 4.75"
				300	600




- = INCLUDED
- = OPTIONAL

Plug-in Kichler Accessories - Reference Accessories Descriptions, page 125: Plug-In Mechanical Timer 15557 BK, Plug-in Digital Timer 15556 WH, Plug-In Transformer Remote Photocell 15534 BK, Plug-In Transformer Photocell 15565 BK

600-W, 900-W and 1200-W Transformer models are manufactured in intervals of 300-W (VA) circuits.

National Electric Code and Underwriters Laboratories require that wiring, where concealed or extended through a building wall, must be enclosed in conduit.

All transformers are for use with outdoor low voltage lighting.

   All Kichler transformers are listed or certified to ANSI/UL 1838 The listing/certification agency may vary.

**IMPORTANT:** These units are not approved for use with fixtures placed within 10' of swimming pools or spas.

LOW VOLTAGE

# Accessories

Experience Kichler from the ground up with genuine Kichler low voltage accessories.







15529 BL

**BLAZING**  
INSTALL FASTER

<b>Name</b>	<b>PRO SERIES WIRE CONNECTOR</b> Now, there's an alternate to silicone-filled wire connectors, soldered wire connections and costly shrink-wrap connections. Kichler exclusively offers the Pro Series Wire Connector – a reliable, quality connection that will compliment your installation of premium Kichler landscape lighting. Developed in concert with Blazing Products, Inc, this new method of making 12V connections is safer, faster, more reliable, and exclusive to Kichler.
<b>Ordering Guide</b>	15529 BL – Bulk pack of 100 connectors in sealed bags of 10 ANSI/UL 486 D Sealed wire connector system. Sealed wire connector for direct burial applications.
<b>Safer &amp; Faster</b>	<ul style="list-style-type: none"> <li>• Drastically reduces the potential for arcing</li> <li>• Improves safety and speed of installation</li> </ul>
<b>More Reliable</b>	<ul style="list-style-type: none"> <li>• Gel filled connection and semi-permanent seal provides a watertight long-lasting connection</li> <li>• Has a stronger strain relief (up to 30 lbs. of pressure) for a more secure connection</li> <li>• Stranded wire torques around metal insert</li> <li>• Reduces callbacks due to connections that become loose</li> <li>• An access hole for a voltmeter probe is integrated in each Pro Series Connector</li> </ul>



Packed in sealed bags of 10

**STEP 1**

- Turn power off.
- Rotate wings fully apart.



**STEP 2**

Using the strip guide molded into the connector for reference, strip the wire to 11/16".



**STEP 3**

Insert wires into connector so that they are bottomed out. Connector must be open.

- #12 in large holes
- #18 in small holes



Repeat for second connector as part of complete splice.

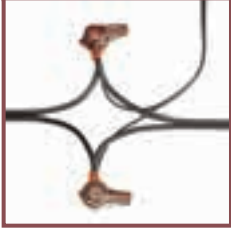
**STEP 4**

(Optional if testing voltage at fixture) Turn power back on. With connector still open halfway, push voltmeter probe into connector probe port. Push probe all the way in and repeat on other connector.



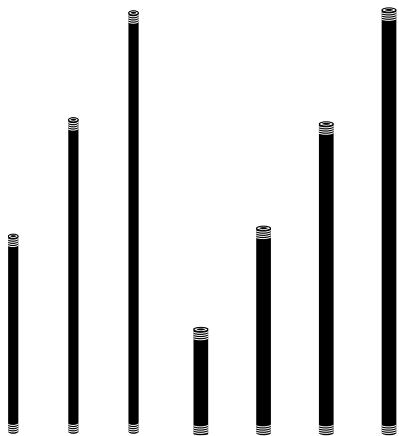
**STEP 5**

Hold wires in place while squeezing handles together until the connector snaps shut. Use pliers if necessary to close. Repeat on other connector.



**MOUNTING ACCESSORIES**

**Fixture Mounting Stems**



<b>.25" NPSM THD. STEMS</b>		<b>.5" NPSM THD. STEMS</b>	
<b>.5" DIA. OVERALL</b>		<b>.75" DIA. OVERALL</b>	
12"	15651 AZT 15651 BKT	6"	15645 AZT 15645 BBR 15645 BKT
18"	15652 AZT 15652 BKT	12"	15656 AZT 15656 BBR 15656 BKT
24"	15653 AZT 15653 BKT	18"	15657 AZT *15657 BBR 15657 BKT
Reference fixture specifications for proper stem		24"	15658 AZT 15658 BBR 15658 BKT

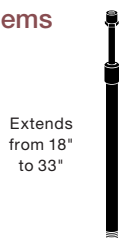
All stems made of corrosion resistant aluminum alloy (except BBR, which is Cast Brass) with baked thermoset powder coating to match fixtures

Used with:

- In-ground support stakes (low voltage only)
- Surface mounting flange (low or line voltage)

0.5" stems will require additional Coupler (15649) or Elbow (15647) for accent light use

**Adjustable Height Stems**



Extends from 18" to 33"

15570 AZT  
15570 BKT

For use with most 12V accent fixtures

Corrosion resistant aluminum alloy with baked thermoset powder coat finish

Stem allows fixture height to be extended for plant growth. Used with in-ground support stakes (order separately)

**Bollard Mounting Kit**



4.0625" ID  
4.25" OD

18" 15665 AZT  
15665 BKT  
24" 15666 AZT  
15666 BKT  
36" 15667 AZT  
15667 BKT

For use with fixtures 15005, 15011, 15205, 15211

Bollard kit is supplied with cast aluminum internal mounting plate including lag bolts for deck or surface mounting. Extruded aluminum bollard finished with baked thermoset powder coat. Order separate bollard template kit for installation into concrete or bollard mounting stake for installation in soil. UL and CSA listed

**Bollard Template Kit**

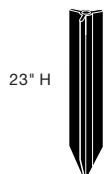


15671 ST

For use with all bollard mounting kits

For permanent installation into concrete. Template kit includes positioning template, anchor bolts, and mounting hardware.

**Bollard Mounting Stake**



23" H

15578 BK

For use with all bollard mounting kits on 12V and 120V fixtures.\*

Improved extruded PVC stake is corrosion resistant and 23" length has increased support and stability. Fitting provided to mount bollard in soil.

\*As allowed by local electrical codes

**Polymeric Support Stakes**












8" H & 14" H

15575 BK  
15576 BK  
8" In-ground Stake  
14" In-ground Stake

For use with 12V fixtures

Injection molded stakes are corrosion resistant and provide maximum support and stability

**U.S. Patent No. D415,018**

MOUNTING ACCESSORIES		
<p><b>Elbow</b></p> <p>1.18" W 2.09" H 1.35" L</p> 	<p>15647 AZT 15647 BBR 15647 BKT</p>	<p>When combined with a stem, this accessory creates a 90° angle to offer more ways to utilize our accent fixtures as a path, area or down light. Cast Aluminum or Cast Brass housing. Textured Architectural Bronze, Bronzed Brass or Textured Black finish. Stabilizer set screw included.</p>
<p><b>Stem Coupler</b></p> <p>.5" NPSM thd. 1.5" H</p> 	<p>15649 AZT 15649 BBR 15649 BKT</p>	<p>Aluminum (except BBR, which is Cast Brass) coupler. For use with 1/2" NPSM stems.</p>
<p><b>Surface Mounting Flange</b></p> <p>4" D .5 NPSM thd.</p> 	<p>15601 AZT 15601 BBR 15601 BKT</p>	<p>For 12V or 120V installations, surface flange must be used with junction box (not included). Neoprene gasket supplied to ensure water tight seal.  BBR is Bronzed Cast Brass AZT and BKT are Cast Aluminum</p>
<p><b>Flange Mounting Nipple</b></p> <p>1" x .5" NPSM thd.</p> 	<p>15602 AL</p>	<p>Anodized aluminum nipple. Used when attaching fixture directly to 15601 flange and 15607 bracket.</p>
<p><b>Tree/Surface Mounting Bracket</b></p> <p>1.5" x 2.5" x 1" .5 NPSM thd.</p> 	<p>15607 AZT 15607 BBR 15607 BKT</p>	<p>For use with low voltage fixtures  Corrosion resistant Cast aluminum alloy with baked thermoset powder coat finish. Low voltage only.  BBR is Bronzed Cast Brass</p>
<p><b>3 LED Flat Mounting Bracket</b></p> 	<p>15717 SS Use with fixture 15735 U.S. Patent Pending</p>	<p>Brackets mount to parallel surfaces and hold fixture in place. For use in hardscape installations where the masonry plate cannot be used or in non-hardscape applications where there is no or inadequate overhang surface area. Mounting hardware included.</p>
<p><b>6 LED Flat Mounting Bracket</b></p> 	<p>15718 SS Use with fixture 15736 U.S. Patent Pending</p>	<p>Brackets mount to parallel surfaces and hold fixture in place. For use in hardscape installations where the masonry plate cannot be used or in non-hardscape applications where there is no or inadequate overhang surface area. Mounting hardware included.</p>
<p><b>9 LED Flat Mounting Bracket</b></p> 	<p>15719 SS Use with fixture 15755 U.S. Patent Pending</p>	<p>Brackets mount to parallel surfaces and hold fixture in place. For use in hardscape installations where the masonry plate cannot be used or in non-hardscape applications where there is no or inadequate overhang surface area. Mounting hardware included.</p>
<p><b>Out of Water Bracket</b></p> <p>2.52" W</p> 	<p>15777 SS Use with fixture 15711 SS U.S. Patent Pending</p>	<p>Stainless steel easy mount bracket for use above ground on any surface – ideal for wood and masonry when used on decks, patios or overhangs.</p>

**MOUNTING ACCESSORIES**

**Multi-Fixture Weighted Base**

3.375" W



15776 BK  
Use with fixture 15711 SS

Unique heavy weighted 3 pronged underwater accessory for 2 or 3 fixtures to give maximum flexibility and directional capability

**Single Fixture Weighted Base**

3.375" W



15778 BK  
Use with fixture 15711 SS

Heavy weight 1 prong underwater light accessory for standard installations. Provides advanced directional capability.

**Junction Box Mounting Bracket**

2.39" W  
5.56" H



15609 AZT  
15609 BKT

For use with low voltage and line voltage fixtures  
Corrosion resistant Cast Aluminum alloy with baked thermoset powder coat finish

**Three Fixtures, Centerpiece Mounting Kit**

6" W  
14" L



15635 OZ for use with 15435 PP, 15435 RD and 15435 AMB Posies

The kit allows for the creation of an interesting garden centerpiece that replicates nature with Posies that can be installed at an angle at varying heights. Can also be used to install three fixtures at the same height. Colors may be mixed or uniform. Kit included a mounting plate, 14" In-ground stake for added stability, a 3" Olde Bronze® stem section and the necessary hardware and instructions to make a truly creative garden feature.

**LENS/SHEILD ACCESSORIES**

**Incandescent Rock Guard**

6.97" D  
1.29" H



15694 AZ for use with fixture 15194 or 15268

Rock Guard/Glare Shield corrosion resistant for use with 15194 or 15268 well light. Architectural Bronze Polycarbonate Finish.

**LED Well Light Rock Guard**

5.90" D  
1.686" H



15787 BK only for use with fixtures 15767BKT, 15768BKT, 15769BKT, 15728BKT, 15747BKT, 15748BKT, 15729BKT, 15757BKT, 15758BKT

Rock Guard/Glare Shield accessory for Design Pro LED Well Light Series. High-strength, UV and corrosion resistant polycarbonate housing. Black Polycarbonate finish.

**Incandescent Well Light Rock Guard**

5.90" D  
1.686" H



15690 BK for use with fixtures 15088BK or 15388BK.








Rock Guard/Glare Shield accessory for 15088BK and 15388BK Well Lights. Polycarbonate housing. High-strength, UV and corrosion resistant polycarbonate housing. Black Polycarbonate finish.

**45° Hexcell Louver Shield**



15679 BK for use with fixtures 15092, 15384, 15484, 15494  
15680 BK for use with fixture 15381  
15683 BK for use with fixture 15397  
15644 BK for use with fixture 15374  
15634 BK for use with fixture 15398

Expanded aluminum shield with high temperature black finish. Provides maximum glare reduction for accent lights.

LENS/SHEILD ACCESSORIES		
<p><b>Blue Filters</b></p> 	<p>15673 BL for use with fixture 15382                      15686 BL for use with fixtures 15092, 15384, 15484, 15494                      15687 BL for use with fixture 15381                      15693 BL for use with fixture 15397                      15641 BL for use with fixture 15374                      15631 BL for use with fixture 15398</p>	<p>Blue glass filters act as color enhancers to bring out the true rich greens of foliage for incandescent light sources.</p>
<p><b>Frosted Lens</b></p> 	<p><b>INCANDESCENT</b>                      15672 FRO for use with fixture 15382                      15676 FRO for use with fixtures 15092, 15384, 15484, 15494                      15691 FRO for use with fixture 15381                      15643 FRO for use with fixture 15374                      15633 FRO for use with fixture 15398  <b>LED</b>                      15895 FRO for use with LED fixtures 15731, 15732, 15733, 15741, 15742, 15743                      15896 FRO for use with LED fixtures 15751, 15752, 15753</p>	<p>Creates a soft focus and diffuses the light to provide even, clean illumination</p>
<p><b>Incandescent Linear Lens</b></p> 	<p>15674 LIN clear ribbed for use with fixture 15382                      15675 LIN clear ribbed for use with fixtures 15092, 15384, 15484, 15494                      15692 LIN clear ribbed for use with fixture 15381                      15642 LIN clear ribbed for use with fixture 15374                      15632 LIN clear ribbed for use with fixture 15398</p>	<p>Create a directional beam to highlight or elongate the beam spread on columns, arches and taller trees</p>
<p><b>Polycarbonate Lens</b></p> 	<p>15677 CLR for use with fixture 15827                      15695 CLR for use with fixture 15315/15815                      15696 CLR for use with fixture 15362</p>	<p>Accessory lens of clear polycarbonate plastic. Provides additional internal protection from lawn sprinklers, etc.</p>
<p><b>LED Amber Lens</b></p> 	<p>15875 AMB for use with 15731, 15732, 15733, 15741, 15742, 15743                      15876 AMB for use with 15751, 15752, 15753</p>	<p>Designed specifically for Kichler LED, lens offers the ability to create a warmer lighting effect.</p>
<p><b>LED Green Lens</b></p> 	<p>15885 GRN for use with 15731, 15732, 15733, 15741, 15742, 15743                      15886 GRN for use with 15751, 15752, 15753</p>	<p>Designed specifically for Kichler LED, greens of foliage can be intensified to illustrate their true beauty.</p>
<p><b>Heat Resistant Lens</b></p> 	<p>15659 AZT for use with fixture 15079                      15689 BK for use with fixtures 15088, 15388</p>	<p>Heat-resistant glass lens held in an aluminum ring</p>

**LENS/SHEILD ACCESSORIES**

**LED Snap-On Cowls**



**Short Cowl**  
**15701 AZTP/BKTP** for use with fixtures 15731, 15732, 15733, 15741, 15742, 15743

**15702 AZTP/BKTP** for use with fixtures 15751, 15752, 15753

For BBR fixture finishes, use AZTP

**Long Cowl**  
**15703 AZTP/BKTP** for use with fixtures 15731, 15732, 15733, 15741, 15742, 15743

**15704 AZTP/BKTP** for use with fixtures 15751, 15752, 15753

For BBR fixture finishes, use AZTP

Finishes to match Design Pro LED accent fixtures. Easy one step snap-on installation – glare shield rotates 360° in ring and retains its desired shield position.

**CONNECTION ACCESSORIES**

**Low Voltage Cable**



<b>12-gauge</b>	<b>10-gauge</b>
<b>15501 BK 100'</b>	<b>15504 BK 250'</b>
<b>15502 BK 250'</b>	
<b>15505 BK 500'</b>	<b>8-gauge</b>
<b>15506 BK 1000'</b>	<b>15503 BK 250'</b>

For use with all 12V rated fixtures

#12-2, #10-2, 8-2 conductor SPT cable. UL listed for 12V outdoor lighting applications. UV stabilized PVC insulation. For direct burial.

**Gel Filled Wire Connector**



**15579 BK** for use when connecting:

- 8-gauge wire to 10- and 12-gauge
- connecting 10-gauge wire to 12-gauge wire

**15589 BK** for use when connecting:

- 10-gauge wire
- 12-gauge wire
- 10-gauge wire to 12-gauge wire
- 12-gauge wire to 18-gauge wire

Wire connector offers twist-on, waterproof, in-line cable splicing for direct burial. Services both 12V or 120V line voltage.

**QUIC DISC® Connector**



**15509 BK** for use with #12-2 or #10-2 low voltage cable only






Joins #18-2 fixture leads with #12-2 or #10-2 low voltage cable. Injection molded polycarbonate with nickel plated brass contacts to provide maximum corrosion protection and improved conductivity.

**Pro Series Wire Connector**



**15529 BL** Bulk pack of 100 connectors packed in sealed bags of 10.

Gel filled wire connector provides watertight long lasting connection. Suitable for direct burial. Connects two #12 gauge to one #18 gauge. Two connectors required per connection.

TRANSFORMER ACCESSORIES		
<p><b>Mechanical Transformer Timer</b></p>  <p>3" W 3.09" H 2.75" L</p>	15557 BK	Plug-in timer suitable for outdoor temperatures when enclosed in an outdoor transformer enclosure. For use in all Plus and Professional series transformers.
<p><b>Digital Transformer Timer</b></p>  <p>2.73" W 3.84" H 1.89" L</p>	15556 WH	Plug-in digital timer is for use with all Plus and Professional series transformers. Battery backup included. Straight forward programming and easy day light savings change over.
<p><b>Remote Plug-In Transformer Photocell</b></p> 	15534 BK	Plug-In Photocell with 10' cord is for use with all Plus and Professional Series Transformers
<p><b>Plug-In Transformer Photocell</b></p> 	15565 BK	Plug-In Photocell is for use with all Plus and Professional Series Transformers
<p><b>Synchronizer Device</b></p> 	15511 BK	Synchronize all transformers used in a landscape setting so they turn on and off at the same time. (Jumper wire is not included).
INSTALLATION ACCESSORIES		
<p><b>Kichler Landscape Flag Marker</b></p> 	15507 ONG	A great tool to use for designing your landscape lighting system. Plot out your landscape lighting needs with these green marker flags.
<p><b>Corrosion Preventative Compound</b></p> 	15670 BK	Specially formulated non-conductive sealant and corrosion preventative for all types of electrical contacts. Its grease-like consistency helps prevent intrusion of dust, moisture and rust. Apply to socket shell and bulb base. Acts to increase bulb and socket life. 2 oz. tube.











LOW VOLTAGE

# Light Bulbs & Photometrics

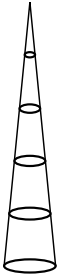
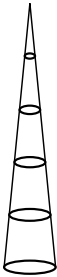
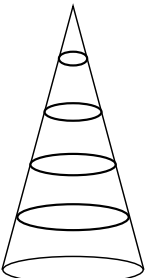
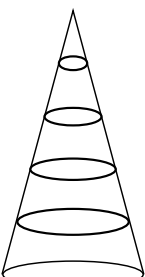




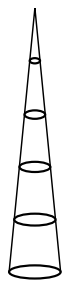
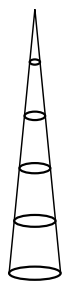
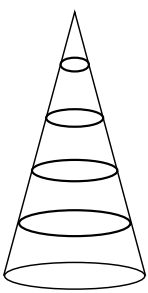
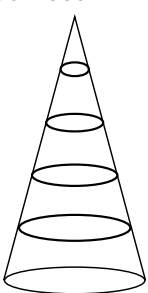
# LIGHT BULBS & PHOTOMETRICS LOW VOLTAGE

	Product ID	12V Bulb Type	Wattage	Beam Spread	Base	Average Life
	15599 CLR	3155K Krypton	18.5		Wedge	5,700
	15598 CLR	3156K Krypton	24.4		Wedge	5,000
	17011	Q10T3 Halogen	10		Bi-Pin	10,000
	17012	Q20T3 Halogen	20		Bi-Pin	5,000
	17013	Q35T3 Halogen	35		Bi-Pin	2,000
	17015	Q50T4 Halogen	50		Bi-Pin	2,000
	17017	Q75T4 Halogen	75		Bi-Pin	2,000
	17021	901X Xenon	4		Wedge	19,000
	17022	918X Xenon	6.5		Wedge	8,000
	17023	912X Xenon	11.6		Wedge	10,000
	17025	921X Xenon	16.25		Wedge	10,000
	17030	PAR-36 Halogen	20	Narrow Spot 8°	Screw Terminal	4,000
	17032	PAR-36 Halogen	20	Narrow Flood 20°	Screw Terminal	4,000
	17033	PAR-36 Halogen	20	Flood 30°	Screw Terminal	4,000
	17037	PAR-36 Halogen	35	Narrow Spot 8°	Screw Terminal	4,000
	17039	PAR-36 Halogen	35	Narrow Flood 20°	Screw Terminal	4,000
	17040	PAR-36 Halogen	35	Flood 30°	Screw Terminal	4,000
	17044	PAR-36 Halogen	50	Narrow Spot 8°	Screw Terminal	4,000
	17046	PAR-36 Halogen	50	Narrow Flood 20°	Screw Terminal	4,000
	17047	PAR-36 Halogen	50	Flood 30°	Screw Terminal	4,000
	17050	MR-11 Halogen	20	Narrow Spot 10°	Bi-Pin	2,000
	17051	MR-11 Halogen	20	Spot 17°	Bi-Pin	2,000
	17052	MR-11 Halogen	20	Flood 30°	Bi-Pin	2,000
	17055	MR-11 Halogen	35	Narrow Spot 12°	Bi-Pin	2,000
	17056	MR-11 Halogen	35	Spot 20°	Bi-Pin	2,000
	17057	MR-11 Halogen	35	Flood 30°	Bi-Pin	2,000
	17060	MR-16 Halogen	20	Narrow Spot 12°	Bi-Pin	5,000
	17061	MR-16 Halogen	20	Spot 24°	Bi-Pin	5,000
	17062	MR-16 Halogen	20	Flood 36°	Bi-Pin	5,000
	17063	MR-16 Halogen	20	Wide Flood 60°	Bi-Pin	5,000
	17070	MR-16 Halogen	35	Narrow Spot 12°	Bi-Pin	5,000
	17071	MR-16 Halogen	35	Spot 24°	Bi-Pin	5,000
	17072	MR-16 Halogen	35	Flood 36°	Bi-Pin	5,000
	17073	MR-16 Halogen	35	Wide Flood 60°	Bi-Pin	5,000
	17080	MR-16 Halogen	50	Narrow Spot 12°	Bi-Pin	5,000
	17081	MR-16 Halogen	50	Spot 24°	Bi-Pin	5,000
	17082	MR-16 Halogen	50	Flood 36°	Bi-Pin	5,000
	17083	MR-16 Halogen	50	Wide Flood 60°	Bi-Pin	5,000
	17090	MR-16 Halogen	75	Narrow Spot 12°	Bi-Pin	5,000
	17091	MR-16 Halogen	75	Spot 24°	Bi-Pin	5,000
	17092	MR-16 Halogen	75	Flood 36°	Bi-Pin	5,000
	17093	MR-16 Halogen	75	Wide Flood 60°	Bi-Pin	5,000
		17066	MR-16 Halogen	20	Spot 24°	Bi-Pin
17067		MR-16 Halogen	20	Flood 36°	Bi-Pin	10,000
17076		MR-16 Halogen	35	Spot 24°	Bi-Pin	10,000
17077		MR-16 Halogen	35	Flood 36°	Bi-Pin	10,000
17078		MR-16 Halogen	35	Wide Flood 60°	Bi-Pin	10,000
17085		MR-16 Halogen	50	Narrow Spot 12°	Bi-Pin	10,000
17086		MR-16 Halogen	50	Spot 24°	Bi-Pin	10,000
17087		MR-16 Halogen	50	Flood 36°	Bi-Pin	10,000
17088		MR-16 Halogen	50	Wide Flood 60°	Bi-Pin	10,000
	15572 FRO	A-19 12-V	25		Medium	

# LIGHT BULBS & PHOTOMETRICS LOW VOLTAGE

		Illuminance (footcandles)	Beam Width(feet)	Illuminance (footcandles)	Beam Width(feet)	Illuminance (footcandles)	Beam Width(feet)	Illuminance (footcandles)	Beam Width(feet)	Illuminance (footcandles)	Beam Width(feet)	Illuminance (footcandles)	Beam Width(feet)	
		MR11				MR16								
		20-W		35-W		20-W		35-W		50-W		75-W		
<b>Narrow Spot</b>		<b>17050 Light Bulb</b> FTB, JDR/M12V-20-W/G/SP10		<b>17055 Light Bulb</b> FTE, JDR/M12V-35-W/G/SP12		<b>17060 Light Bulb</b> ESX, JR12V-20-W/SP12		<b>17070 Light Bulb</b> FMT/FBR, JR12V-3-5W/SP12		<b>17080 Light Bulb</b> EXT, JR12V-50-W/SP12		<b>17090 Light Bulb</b> EYF, JR12V-75-W/SP12		
		8	47.3	1.39	75.7	1.68	55	1.68	95	1.68	174	1.68	205	1.68
		12	21	2.09	33.6	2.52	24	2.52	42	2.52	77	2.52	91	2.52
		24	5.25	4.19	8.41	5.04	6.1	5.04	10.5	5.04	19.3	5.04	22	5.04
		36	2.42	6.29	3.88	7.56	2.7	7.56	4.6	7.56	8.5	7.56	10.1	7.56
		48	1.31	8.39	2.1	10	1.5	10.09	2.6	10.09	4.8	10.09	5.7	10.09
	60	0.84	1.04	1.34	12.6	0.98	12.6	1.6	12.6	3	12.6	3.6	12.6	
<b>Spot/Narrow Flood</b>		<b>17051 Light Bulb</b> FTC, JDR/M12V-20-W/G/SP17		<b>17056 Light Bulb</b> FTF, JDR/M12V-35-W/G/SP20		<b>17061 Light Bulb</b> BBF, JR12V-20-W/NFL24		<b>17071 Light Bulb</b> FMV/FRA, JR12V-35-W/NFL24		<b>17081 Light Bulb</b> EXZ, JR12V-50-W/NFL24		<b>17091 Light Bulb</b> EYJ, JR12V-75-W/NFL24		
		8	22.1	2.39	37.7	2.82	18.8	3.4	36	3.4	57	3.4	76	3.4
		12	9.83	3.58	16.7	4.23	8.4	5.1	16	5.1	25	5.1	34	5.1
		24	2.45	7.17	4.19	8.46	2.1	10.2	4.04	10.2	6.3	10.2	8.4	10.2
		36	1.13	10.73	1.94	12.7	0.9	15.3	1.7	15.3	2.8	15.3	3.7	15.3
		48	0.61	14.4	1.04	16.9	0.5	20.4	1	20.4	1.6	20.4	2.1	20.4
	60	0.39	17.9	0.67	21.1	0.3	25.5	0.6	25.5	1	25.5	1.3	25.5	
<b>Flood</b>		<b>17052 Light Bulb</b> FTD, JDR/M12V-20-W/G/FL30		<b>17057 Light Bulb</b> FTH, JDR/M12V-35-W/G/FL30		<b>17062 Light Bulb</b> BAB, JR12V-20-W/FL36		<b>17072 Light Bulb</b> FMW, JR12V-35-W/FL36		<b>17082 Light Bulb</b> EXN, JR12V-50-W/FL36		<b>17092 Light Bulb</b> EYC, JR12V-75-W/FL36		
		4	37.9	2.14	81.6	2.14	38	2.6	82	2.6	126	2.6	170	2.13
		8	9.48	4.28	20.4	4.28	9.5	5.1	20	5.1	31	5.1	42	5.1
		16	2.37	8.57	5.1	8.57	2.4	10.4	5	10.4	8	10.4	10	10.4
		24	1.05	12.8	2.26	12.8	1	15.5	2	15.5	3.5	15.5	4.7	15.5
		32	0.59	17.1	1.27	17.1	0.6	20.7	1.3	20.7	2	20.7	2.6	20.7
	40	0.37	25.7	0.82	21.4	0.3	25	0.8	25	1.2	25	1.7	25	
<b>Wide Flood</b>						<b>17063 Light Bulb</b> BAB/60, JR12V-20-W/WFL60		<b>17073 Light Bulb</b> FMW/60, JR12V-35-W/WFL60		<b>17083 Light Bulb</b> FNV, JR12V-50-W/WFL60		<b>17093 Light Bulb</b> EYC/60, JR12V-75-W/WFL60		
		4					17	4.6	32	4.6	54	4.6	77	4.6
		8					4.2	9.2	8	9.2	13	9.2	19	9.2
		16					1.1	18.5	2	18.5	3.3	18.5	4.8	18.5
		24					0.5	27.7	0.8	27.7	1.5	27.7	2.1	27.7
		32					0.3	36	0.5	36	0.8	36	1.2	36
	40					0.17	46	0.4	39	0.5	46	0.7	46	

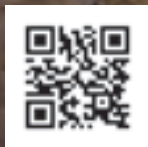
# LIGHT BULBS & PHOTOMETRICS LOW VOLTAGE

ILLUMINANCE (FOOTCANDLES)	BEAM WIDTH(Feet)	ILLUMINANCE (FOOTCANDLES)	BEAM WIDTH(Feet)	ILLUMINANCE (FOOTCANDLES)	BEAM WIDTH(Feet)	ILLUMINANCE (FOOTCANDLES)	BEAM WIDTH(Feet)	ILLUMINANCE (FOOTCANDLES)	BEAM WIDTH(Feet)	ILLUMINANCE (FOOTCANDLES)	BEAM WIDTH(Feet)	ILLUMINANCE (FOOTCANDLES)	BEAM WIDTH(Feet)
PAR 36						LED							
						4.5-W		8.5-W		12.4-W			
<b>17030 Light Bulb</b> 20PAR36/ NSP8/12V		<b>17037 Light Bulb</b> 35PAR36/ NSP8/12V		<b>17044 Light Bulb</b> 50PAR36/ NSP8/12V		<b>15731 LED</b> <b>15767 LED</b>		<b>15741 LED</b> <b>15728 LED</b>		<b>15751 LED</b> <b>15729 LED</b>		<b>Narrow Spot</b>	
55.3	1.11	118	1.11	213	1.11	33.6	1.2	68.3	1.2	100.6	1.3	8	
24.5	1.67	52.6	1.67	94.8	1.67	14.9	1.8	30.4	1.9	44.7	1.9	12	
6.14	3.35	13.1	3.35	23.7	3.35	3.73	3.6	7.60	3.8	11.18	3.8	24	
2.73	5.03	5.84	5.03	10.5	5.03	1.66	5.4	3.38	5.7	4.97	5.7	36	
1.53	6.71	3.28	6.71	5.92	6.71	0.93	7.2	1.90	7.6	2.79	7.6	48	
0.98	8.39	2.1	8.39	3.79	8.39	0.60	9	1.22	9.5	1.79	9.5	60	
<b>17032 Light Bulb</b> 20PAR36/ NFL20/12V		<b>17039 Light Bulb</b> 35PAR36/ NFL20/12V		<b>17046 Light Bulb</b> 50PAR36/ NFL20/12V								<b>Spot/Narrow Flood</b>	
20.4	2.82	39.4	2.82	78.9	2.82							8	
9.07	4.23	17.5	4.23	35	4.23							12	
2.26	8.46	4.38	8.46	8.77	8.46							24	
1	12.6	1.94	12.6	3.89	12.6							36	
0.56	16.9	1.09	16.9	2.19	16.9							48	
0.36	21.1	0.7	21.1	1.4	21.1							60	
<b>17033 Light Bulb</b> 20PAR36/ FL30/12V		<b>17040 Light Bulb</b> 35PAR36/ FL30/12V		<b>17047 Light Bulb</b> 50PAR36/ FL30/12V		<b>15732 LED</b> <b>15768 LED</b>		<b>15742 LED</b> <b>15747 LED</b>		<b>15752 LED</b> <b>15757 LED</b>		<b>Flood</b>	
46.9	2.14	88.4	2.14	125	2.14	35.78	1.9	66.94	1.8	98.1	2.07	4	
11.7	2.48	22.1	4.28	31.4	4.28	9	3.9	16.75	3.6	24.5	4.1	8	
2.93	8.57	5.53	8.57	7.86	8.57	2.2	7.8	4.15	7.3	6.1	8.2	16	
1.3	12.8	2.45	12.8	3.49	12.8	0.98	11.7	1.84	10.95	2.71	12.3	24	
1.06	17.07	1.77	16.0	2.52	16.0	0.55	15.6	1.04	14.6	1.53	16.4	32	
.49	21.3	.93	21.37	1.32	21.37	0.35	19.5	0.66	18.25	0.98	20.5	40	
				<b>15711 LED</b>		<b>15733 LED</b> <b>15769 LED</b>		<b>15743 LED</b> <b>15748 LED</b>		<b>15753 LED</b> <b>15758 LED</b>		<b>Wide Flood</b>	
				5.6	3.25	18.54	2.4	36.9	2.4	47.03	2.4	4	
				1.49	6.5	4.65	4.8	9.3	4.8	11.8	4.8	8	
				.40	12.98	1.15	9.6	2.3	9.6	2.9	9.6	16	
				.18	19.47	0.51	14.4	1.02	14.4	1.29	14.4	24	
				.11	25.96	0.29	19.2	0.58	19.2	0.73	19.2	32	
				.07	32.45	0.18	24	0.37	24	0.46	24	40	



POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

This installation illuminated exclusively  
with Design Pro LED fixtures



Meet the professionals  
behind the lighting



# 120 Volt & HID Lighting





120 VOLT & HID

# Path & Spread

Let powerful light inhabit space around walkways, landscapes, and office buildings.





## HID BOLLARDS

Kichler offers a collection of HID bollards employing the same stylish designs, premium quality materials and product flexibility that you've come to expect from Kichler. You'll discover more than ninety possible product combinations to satisfy any construction or specification criteria – and ordering what you need is as simple as 1 – 2 – 3.

### STEP 1

**Select your head design and finish.**

Choose from the signature Kichler segmented roof design in a small or large size, or the traditional rounded top. Two finishes are available: Textured Architectural Bronze™ or Textured Black. Head and louvers are commercial-grade Cast Aluminum construction.

**Housing** Cast Aluminum.

**Lens** Molded ribbed diffuser of clear heat resistant borosilicate lenses.

**Finish** Textured Architectural Bronze™ (AZT) or Textured Black (BKT)

**Wiring** 43" of usable 200°C 18 AWG wire leads

**Socket** 4000-Volt (4KV) pulse rated medium base porcelain socket

**Lamp Type** 50, 70, or 100-W. Max. E17 Metal Halide

**Head Design**

**15215 AZT**

**15215 BKT**

**15221 AZT**

**15221 BKT**

**15226 AZT**

**15226 BKT**



**15215**  
Small Conical



**15221**  
Large Conical



**15226**  
Dome

### STEP 2

**Determine the bollard size, height and diameter.**

Bollards are available in 4" or 6" size and in lengths of 18", 24" or 36". Bollard kit is supplied with cast aluminum internal mounting plate including lag bolts for deck or surface mounting. Extruded aluminum bollard finished with baked thermoset powder coat. Order separate bollard template kit for installation into concrete or 15578 BK bollard mounting stake for installation in soil. UL listed.

For use with fixtures 15215, 15221, and 15226.

**Finish** Textured Architectural Bronze™ (AZT) or Textured Black (BKT)

**Bollard Assembly**

**15603 AZT 4" x 18"**

**15603 BKT 4" x 18"**

**15604 AZT 4" x 24"**

**15604 BKT 4" x 24"**

**15605 AZT 4" x 36"**

**15605 BKT 4" x 36"**

**15613 AZT 6" x 18"**

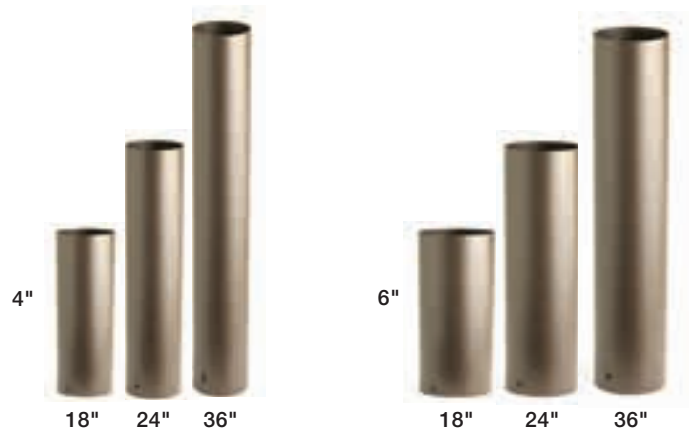
**15613 BKT 6" x 18"**

**15614 AZT 6" x 24"**

**15614 BKT 6" x 24"**

**15615 AZT 6" x 36"**

**15615 BKT 6" x 36"**



### STEP 3

**Determine your desired lamp/ballast combination.**

50-W, 70-W and 100-W Metal Halide are offered. (Lamps are not included.) Each comes equipped with ballasts that will accept multiple voltage options: 120V, 208V, 240V or 277V. (Because of heat restrictions, 100-W lamping cannot be used in the 4" diameter bollard.) All mounting hardware is corrosion resistant.

**Ballast Assembly**

**15BLMH50 BK** - 50-W Metal Halide

**15BLMH70 BK** - 70-W Metal Halide

**15BLMH100 BK** - 100-W Metal Halide (use only with 6" diameter bollard)

50 W and 70 W fixtures can be used with 4" and 6" diameter bollard.

In addition to the lighting fixtures, Kichler offers 4" and 6" Bollard Template Kits used for permanent installation in concrete. The kits include positioning template, anchor bolts and mounting hardware.

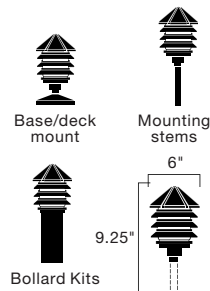
- **15671 ST** – 4" Bollard Template Kit
- **15678 ST** – 6" Bollard Template Kit



For complete photometrics, please see page 181.

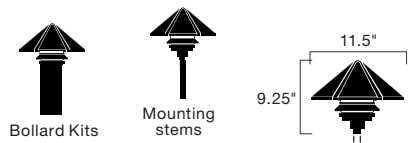


<b>Name</b>	<b>THREE TIER</b> Versatile, louvered fixture with multiple mounting options for deck or path lighting, on optional post, stem or bollard. Stem or bollard ordered separately.	<b>LARGE ONE TIER</b> Versatile fixture with wider light distribution for paths and low areas of groundcover. Stem or bollard ordered separately.
<b>Ordering Guide</b>	15205 AZT – Textured Architectural Bronze™ 15205 BKT – Textured Black	15211 AZT – Textured Architectural Bronze™ 15211 BKT – Textured Black
<b>Housing</b>	Cast Aluminum. Molded ribbed diffuser of clear UV stabilized high impact resistant polycarbonate. Mounting stems and bollard kits sold separately.	Cast Aluminum. High impact resistant diffuser. Mounting stems and bollard kits sold separately.
<b>Finish</b>	Textured Architectural Bronze™ or Textured Black	Textured Architectural Bronze™ or Textured Black
<b>Wiring</b>	30" of usable 105°C 18 AWG wire leads. 120V medium base porcelain socket with nickel plated screw shell.	30" of usable 105°C 18 AWG wire leads. 120V medium base porcelain socket with nickel plated screw shell.
<b>Lamp Type</b>	75-W Max. A19 light bulb (not supplied)	75-W Max. A19 light bulb (not supplied)
<b>Optional Mounting Accessories</b>	15645, 15656, 15657 or 15658 – Stems 15276 – Power Post® 15665, 15666 or 15667 – Bollard Mounting Kits 15578 – Bollard Mounting Stakes 15671 – Bollard Template Kit 15601 – Surface Mounting Flange (for attachment to junction box, not included) 15602 – Flange Mounting Nipple  See page 159-160 for more information.	15645, 15656, 15657 or 15658 – Stems 15276 – Power Post® 15665, 15666 or 15667 – Bollard 15578 – Bollard Mounting Stakes 15671 – Bollard Template Kit 15601 – Surface Mounting Flange (for attachment to junction box, not included) 15602 – Flange Mounting Nipple  See page 159-160 for more information.



Footcandles/Distance from Fixture Center  
15205 (120V) 75W A19 light bulb

Mounting Height	1'	2'	3'	4'	5'	6'	7'	8'	9'
12"	10.1	7.7	1.7	.82	.48	.21	.11	–	–
18"	4.9	4.7	2.8	1.0	.48	.27	.14	.07	–
24"	3.2	3.5	3.4	1.3	.62	.38	.21	.14	.07



Footcandles/Distance from Fixture Center  
15211 (120V) 75W A19 light bulb

Mounting Height	1'	2'	3'	4'	5'	6'	7'	8'	9'
12"	27.1	11.7	2.8	1.2	.89	.34	.18	.07	–
18"	19	9.5	4.6	1.7	.82	.45	.31	.18	.07
24"	14.6	7.8	4.8	2.4	1	.55	.27	.27	.14

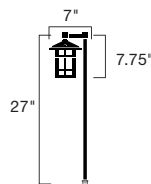


15232 AGZ



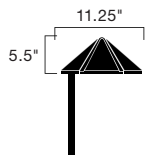
15222 MST

<b>Name</b>	<b>CROSS CREEK LANTERN</b> Arts and crafts style path light adds simplicity to the landscape.	<b>LARGE SIDE MOUNT</b> Popular design in a side-mount fixture for more directional lighting without glare. Textured Midnight Spruce™ finish blends with landscape.
<b>Ordering Guide</b>	15232 AGZ – Aged Bronze	15222 MST – Textured Midnight Spruce™
<b>Housing</b>	Aluminum with textured linen seeded glass side panels and clear glass bottom panel	Aluminum with clear polycarbonate diffuser (stem supplied separately)
<b>Finish</b>	Aged Bronze	Textured Midnight Spruce™
<b>Wiring</b>	6" Min. of usable 105°C, 18 AWG wire leads. 120V medium base porcelain socket.	30" of usable 105°C, 18 AWG wire leads. 120V medium base porcelain socket with nickel plated screw shell.
<b>Lamp Type</b>	25-W Max. A19 light bulb (not supplied)	75-W Max. A19 light bulb (not supplied)
<b>Optional Mounting Accessories</b>	15601 – Surface Mounting Flange, for attachment to junction box (not included) 15276 – Power Post®	15656, 15657 or 15658 – Stems 15276 – Power Post® 15601 – Surface Mounting Flange (for attachment to junction box, not included)
<b>Notes</b>	<b>U.S. Patent No. D580,084</b>	



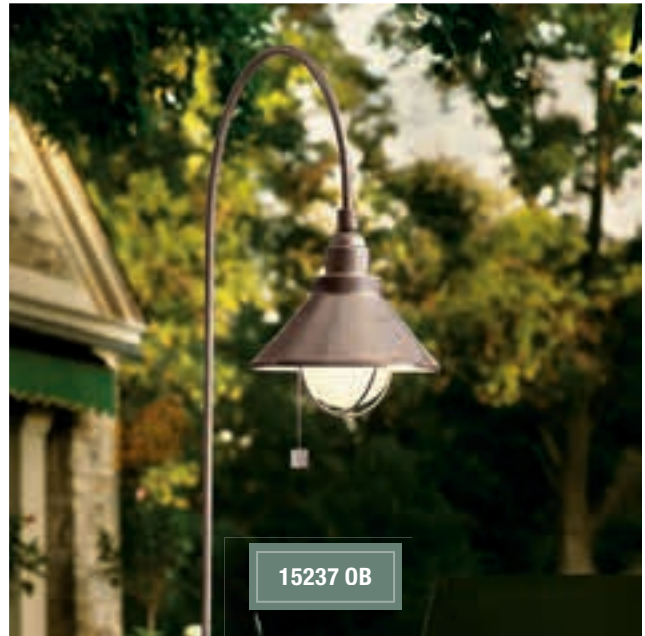
Footcandles/Distance from Fixture Center  
15232 (120V) 25W A19 light bulb

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	2.8	1.9	.4	.1	-	-	-	-	-

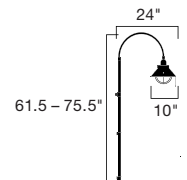


Footcandles/Distance from Fixture Center  
15222 (120V) 75W A19 light bulb

Mounting Height	1'	2'	3'	4'	5'	6'	7'	8'	9'
12"	80.9	13.3	2.4	.5	.15	-	-	-	-
18"	60.4	18.6	5.1	1.7	.67	.2	.07	-	-
24"	47.8	19.8	7.6	2.9	1.2	.57	.27	.1	-



<b>Name</b>	<b>ADJUSTABLE HEIGHT UTILITY LIGHT</b> Multipurpose, adjustable fixture for mounting to deck railings, post or porch for directional task lighting.
<b>Ordering Guide</b>	15237 OB – Olde Brick®
<b>Housing</b>	Aluminum construction, G-40 light bulb required
<b>Finish</b>	Olde Brick®
<b>Wiring</b>	58" min. to 72" max. of usable 18AWG sleeved wire with 3 prong plug. 120V medium base socket with nickel plated screw shell, on-off pull chain.
<b>Lamp Type</b>	G-40 light bulb 150-W Max. (not supplied)
<b>Optional Mounting Accessories</b>	Mounting Hardware

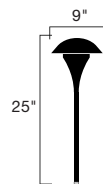


Footcandles/Distance from Fixture Center  
15237 (120V) 150W G-40 light bulb

Mounting Height	0'	1'	2'	3'	4'	5'	6'	7'	8'	9'
69"	15.2	14.2	11.7	9.0	6.7	4.8	3.4	2.6	1.9	1.4

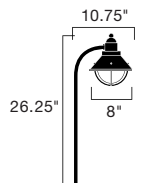


<b>Name</b>	<b>ECLIPSE™</b> Large (9"), 120V version of our popular dome-cap Eclipse design to cast a wider light spread on a wide path or patio.	<b>TRADITIONAL MARINE LANTERN</b> Traditional marine lantern design for well-shielded illumination.
<b>Ordering Guide</b>	15236 BKT – Textured Black 15236 TZT – Textured Tannery Bronze™	15239 OB – Olde Brick® 15239 OZ – Olde Bronze®
<b>Housing</b>	Cast Aluminum with clear glass	Brass
<b>Finish</b>	Textured Black or Textured Tannery Bronze™	Olde Brick® or Olde Bronze®
<b>Wiring</b>	6" of usable 105°C, 18 AWG wire leads. 120V medium base porcelain socket with a nickel plated screw shell	6" of usable 105° C 18 AWG wire leads. 120V medium base porcelain socket with nickel plated screw shell.
<b>Lamp Type</b>	A19 light bulb 100-W Max. (not supplied)	G-40 light bulb 100-W Max. (not included)
<b>Optional Mounting Accessories</b>	15276 – Power Post® 15601 – Surface Mounting Flange (for attachment to junction box, not included)	15276 – Power Post® 15601 – Surface Mounting Flange (for attachment to junction box, not included)



Footcandles/Distance from Fixture Center  
15236 (120V) 100W A19 light bulb

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	30.8	11.5	3.9	1.5	.70	.30	1	-	-



Footcandles/Distance from Fixture Center  
15239 (120V) 100W G-40 light bulb

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
Footcandles	76	31	10.2	3.6	1.6	.7	3	.2	.1

120 VOLT & HID

# Accent

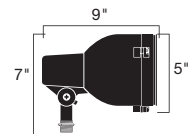
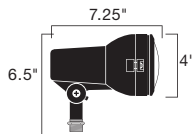
Unlimited options for creating special lighting effects on buildings and landscapes.



ACCENT 120 VOLT & HID



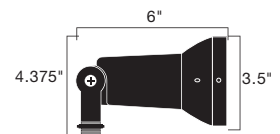
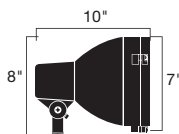
<b>Name</b>	<b>120V ACCENT – SMALL</b> Small (4") accent light for cross-lighting, spotlighting or grazing	<b>120V ACCENT – MEDIUM</b> Medium-sized (5") accent light for cross-lighting, accenting or grazing
<b>Ordering Guide</b>	15231 AZT – Textured Architectural Bronze™ 15231 BKT – Textured Black 15231 MST – Textured Midnight Spruce™	15241 AZT – Textured Architectural Bronze™ 15241 BKT – Textured Black 15241 MST – Textured Midnight Spruce™
<b>Housing</b>	Cast Aluminum. Tempered convex glass lens	Cast Aluminum. Tempered convex glass lens
<b>Finish</b>	Textured Architectural Bronze™, Textured Black or Textured Midnight Spruce™	Textured Architectural Bronze™, Textured Black or Textured Midnight Spruce™
<b>Wiring</b>	8" of usable 200°C 18 AWG wire leads	8" of usable 200°C 18 AWG wire leads
<b>Socket</b>	4000V (4KV) pulse rated medium base porcelain socket	4000V (4KV) pulse rated medium base porcelain socket
<b>Lamp Type</b>	35-W Max. PAR20 Metal Halide or 50-W Max. PAR20/R20 Incandescent (not included)	70-W Max. PAR30L Metal Halide 75-W(VA) PAR30L/R30 Incandescent (not supplied)
<b>Optional Mounting Accessories</b>	15276 – Power Post® 15601 – Surface Mounting Flange, for attachment to junction box (not included) 15609 – Junctoin Box Mounting Bracket	15276 – Power Post® 15601 – Surface Mounting Flange, for attachment to junction box (not included) 15609 – Junctoin Box Mounting Bracket
<b>Optional Lens Accessories</b>	15620 – Medium Cowl 15628 – Long Cowl 15623 – Blue Filter 15637 – Hexcell Louver	15640 – Medium Cowl 15648 – Long Cowl 15624 – Blue Filter 15638 – Hexcell Louver
<b>Notes</b>	Accents require remote ballasts for High Intensity Discharge. See HID Ballast Guide on page 157 and 120V Lamp Guide on page 163. For Lamp Photometrics see pages 162-167.	Accents require remote ballasts for High Intensity Discharge. See HID Ballast Guide on page 157 and 120V Lamp Guide on page 163. For Lamp Photometrics see pages 162-167.



# ACCENT 120 VOLT & HID



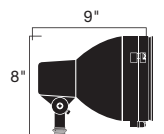
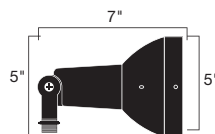
<b>Name</b>	<b>120V ACCENT – LARGE</b> Large (7") accent light for wider light spread along walls, shrubs, trees	<b>120V ACCENT – SMALL COMPACT</b> Adjustable, compact accent light (3¾" diameter) for up or downlighting
<b>Ordering Guide</b>	15251 AZT – Textured Architectural Bronze™ 15251 BKT – Textured Black 15251 MST – Textured Midnight Spruce™	15230 AZT – Textured Architectural Bronze™ 15230 MST – Textured Midnight Spruce™
<b>Housing</b>	Cast Aluminum. Tempered convex glass lens	Cast Aluminum
<b>Finish</b>	Textured Architectural Bronze™, Textured Black or Textured Midnight Spruce™	Textured Architectural Bronze™ or Textured Midnight Spruce™
<b>Wiring</b>	8" of usable 200°C 18 AWG wire leads	8" of usable 200°C 18 AWG wire leads
<b>Socket</b>	4000V (4KV) pulse rated medium base porcelain socket	4000V (4KV) pulse rated medium base porcelain socket
<b>Lamp Type</b>	175-W Max. PAR38 Metal Halide, 100-W Max. E17 Metal Halide or 150-W Max. PAR38/R40 Incandescent (not included) Reflector: for use with E17 lamp. Removable for PAR38/R40 use.	35-W Max. PAR20 Metal Halide or 50-W Max. PAR20 Incandescent (not included)
<b>Optional Mounting Accessories</b>	15276 – Power Post® 15601 – Surface Mounting Flange, for attachment to junction box (not included) 15609 – Junction Box Mounting Bracket	15276 – Power Post® 15601 – Surface Mounting Flange, for attachment to junction box (not included) 15609 – Tree Mounting Bracket
<b>Optional Lens Accessories</b>	15660 – Medium Cowl 15668 – Long Cowl 15625 – Blue Filter 15639 – Hexcell Louver	15630 – Cowl
<b>Notes</b>	Accents require remote ballasts for High Intensity Discharge. See HID Ballast Guide on page 157 and 120V Lamp Guide on page 163. For Lamp Photometrics see pages 162-167.	Accents require remote ballasts for High Intensity Discharge. See HID Ballast Guide on page 157 and 120V Lamp Guide on page 163. For Lamp Photometrics see pages 162-167.





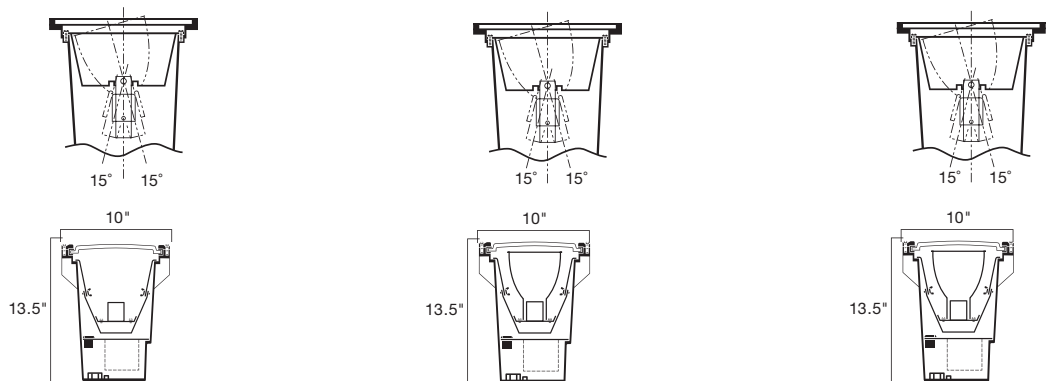


<b>Name</b>	<b>120V ACCENT – LARGE COMPACT</b> Adjustable accent light in a larger size (5" diameter) for up or downlighting	<b>120V DOWNLIGHT</b> Downlight or below horizontal effects with wide light spread. Available as surface or tree-mounted. Designed for below horizontal aiming only.
<b>Ordering Guide</b>	15250 AZT – Textured Architectural Bronze™ 15250 MST – Textured Midnight Spruce™	15255 AZT – Textured Architectural Bronze™ 15255 BKT – Textured Black 15255 MST – Textured Midnight Spruce™
<b>Housing</b>	Cast Aluminum	Cast Aluminum
<b>Finish</b>	Textured Architectural Bronze™ or Textured Midnight Spruce™	Textured Architectural Bronze™, Textured Black or Textured Midnight Spruce™
<b>Wiring</b>	8" of usable 200° C 18 AWG wire leads	8" of usable 200° C 18 AWG wire leads
<b>Socket</b>	4000V (4KV) pulse rated medium base porcelain socket	4000V (4KV) pulse rated medium base porcelain socket
<b>Lamp Type</b>	100-W Max. PAR38 Metal Halide or 100-W Max. PAR38 Incandescent (not included)	175-W Max. PAR38 Metal Halide, 100-W Max. E17 Metal Halide or 150-W Max. PAR38/R40 Incandescent (not included)
<b>Optional Mounting Accessories</b>	15276 – Power Post® 15601 – Surface Mounting Flange, for attachment to junction box (not included) 15609 – Junction Box Mounting Bracket	15601 – Surface Mounting Flange, for attachment to junction box (not included) 15609 – Junction Box Mounting Bracket
<b>Optional Lens Accessories</b>	15630 – Cowl	15660 – Medium Cowl 15668 – Long Cowl
<b>Notes</b>	Accents require remote ballasts for High Intensity Discharge. See HID Ballast Guide on page 157 and 120V Lamp Guide on page 163. For Lamp Photometrics see pages 162-167.	Accents require remote ballasts for High Intensity Discharge. See HID Ballast Guide on page 157 and 120V Lamp Guide on page 163. For Lamp Photometrics see pages 162-167.



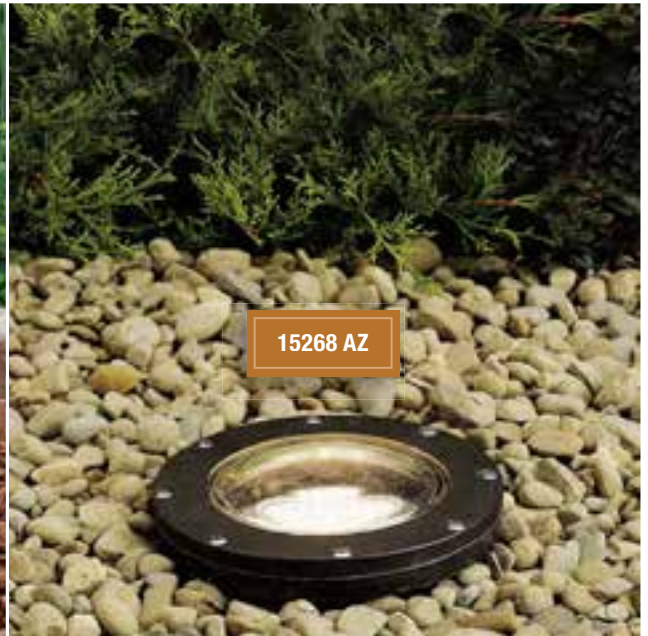


<b>Name</b>	<b>IN GROUND 35-W MH</b> 35-W metal halide in-ground light. Adjustable to 15° angle. Use with blue filter 15626 to intensify green color in the landscape.	<b>IN GROUND 70-W MH</b> 70-W metal halide in-ground light. Adjustable to 15° angle. Use with blue filter 15626 to intensify green color in the landscape.	<b>IN GROUND 70-W MH QUAD-TAP</b> 70-W metal halide in-ground light with quad taps. Adjustable to 15° angle. Use with blue filter 15626 to intensify green color in the landscape.
<b>Ordering Guide</b>	15262 AZ – Architectural Bronze™	15263 AZ – Architectural Bronze™	15266 AZ – Architectural Bronze™
<b>Housing</b>	Durable thermoplastic composite resin. Tempered convex glass lens fully sealed for watertight outdoor use.	Durable thermoplastic composite resin. Tempered convex glass lens fully sealed for watertight outdoor use.	Durable thermoplastic composite resin. Tempered convex glass lens, fully sealed for watertight outdoor use.
<b>Finish</b>	Architectural Bronze™	Architectural Bronze™	Architectural Bronze™
<b>Wiring</b>	4000V (4KV) pulse rated medium base porcelain socket	4000V (4KV) pulse rated medium base porcelain socket	4000V (4KV) pulse rated medium base porcelain socket
<b>Ballast</b>	Internal ANSI M130 Metal Halide ballast included with 120V tap.	Internal ANSI M98 Metal Halide ballast included with 120V tap.	Internal ANSI M98 Metal Halide ballast with 120V, 208V, 240V and 277V taps.
<b>Lamp Type</b>	35-W PAR20 Metal Halide (not included)	70-W PAR30 Metal Halide or 70-W E17 Metal Halide (not included)	70-W PAR30 Metal Halide or 70-W E17 Metal Halide (not included)
<b>Aiming</b>	With adjustable aim assembly, 15° angle, 358° rotation with wing-nut locking mechanism	With adjustable aim assembly, 15° angle, 358° rotation with wing-nut locking mechanism	With adjustable aim assembly, 15° angle, 358° rotation with wing nut locking mechanism
<b>Optional Accessories</b>	15608 – Concrete Pour Kit 15616 WH10 – Gel Encapsulant 10 pack	15608 – Concrete Pour Kit 15616 WH10 – Gel Encapsulant 10 pack	15608 – Concrete Pour Kit 15616 WH10 – Gel Encapsulant 10 pack
<b>Optional Lens Accessories</b>	15626 – Blue Filter with gasket 15688 – Rock Guard	15626 – Blue Filter with gasket 15688 – Rock Guard	15626 – Blue Filter with gasket 15688 – Rock Guard
<b>Notes</b>	Drive Over Capacity: 3000 lbs.	Drive Over Capacity: 3000 lbs.	Drive Over Capacity: 3000 lbs.



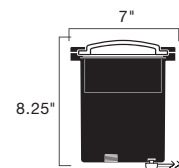
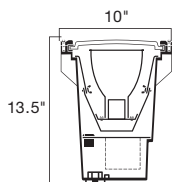
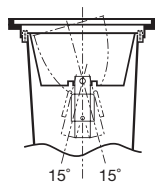


15295 AZ



15268 AZ

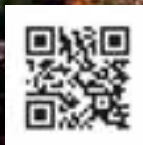
<b>Name</b>	<b>IN GROUND INCANDESCENT – PAR30</b> Incandescent in-ground light. Adjustable to 15° angle. Use with blue filter 15626 to intensify green color in the landscape.	<b>SMALL IN GROUND – PAR20/PAR30</b> Smaller 7" diameter in-ground light designed for use with PAR20 and PAR30 lamps.
<b>Ordering Guide</b>	15295 AZ – Architectural Bronze™	15268 AZ – Architectural Bronze™
<b>Housing</b>	Durable thermoplastic composite resin. Tempered convex glass lens fully sealed for watertight outdoor use.	Durable thermoplastic composite resin. Tempered convex glass lens fully sealed for watertight outdoor use.
<b>Finish</b>	Architectural Bronze™	Architectural Bronze™
<b>Wiring</b>	4000V (4KV) pulse rated medium base porcelain socket. Re-enterable encapsulant	Medium base porcelain socket
<b>Lamp Type</b>	150-W Max. PAR38 Incandescent (not included)	75-W Max. PAR20 or PAR30 and PAR30 longneck Incandescent (not included)
<b>Aiming</b>	With adjustable aim assembly, 15° angle, 358° rotation with wing-nut locking mechanism	With adjustable aim assembly, 25° angle, 358° rotation
<b>Optional Accessories</b>	15608 – Concrete Pour Kit 15616 WH10 – Gel Encapsulant 10 pack	NA
<b>Optional Lens Accessories</b>	15626 – Blue Filter with gasket 15688 – Rock Guard	15694 – Rock Guard
<b>Notes</b>	Drive over capacity 3,000 lbs.	<b>U.S. Patent No. 5,230,559</b> <b>Korea Patent No. 126459</b>



HID

# Ballasts

Helping your HID system operate flawlessly.



Meet the professionals  
behind the lighting



Name	HID ABOVE-GROUND BALLAST					HID IN-GROUND BALLAST				
Ordering Guide	<b>Product ID</b>	<b>Description</b>	<b>Tap</b>	<b>ANSI#</b>		<b>Product ID</b>	<b>Description</b>	<b>Tap</b>	<b>ANSI#</b>	
	15MHS35AZT	Single 35-W MH	120V	M130		15IGMHS35 AZ	Single 35-W MH	120V	M130	
	15MHS70AZT	Single 70-W MH	120V	M98		15IGMHS70 AZ	Single 70-W MH	120V	M98	
	15MHS100AZT	Single 100-W MH	120V	M90		15IGMHS100 AZ	Single 100-W MH	120V	M90	
	15MHS175AZT	Single 175-W MH	120V	M57		15IGMHS150 AZ	Single 150-W MH	120V	M102/142**	
	15MHT35AZT	Twin 35-W MH	120V	M130		15IGMHS175 AZ	Single 175-W MH	120V	M57	
	15MHT70AZT	Twin 70-W MH	120V	M98		** Complies with EISA 2007				
	15MHT100AZT	Twin 100-W MH	120V	M90						
	15MHT175AZT	Twin 175-W MH	120V	M57**						
	** Complies with EISA 2007									
Housing	Stamped steel. Textured Architectural Bronze™ thermoset powder coat finish.					Single piece Polyphenylene Sulphide (PPS) glass reinforced composite with molded in ribs to prevent ground shift. Two ¾" NPT entries for conduit attachment.				
Ballast	Copper wrapped core and coil with High Power Factor (HPF) 105° C High Heat capacitor and long range ignitor. Rated for -20° F starting. Available with single 120V tap.					Quick disconnect ballast with bracket handle. Available with single 120V tap.				
Mounting Brackets	Top and bottom					NA				
Composite Cover	NA					With .5" NPSM removable plug for both direct fixture mount and remote mount application				
Three Knockouts	.5" and .75" trade size combination knockouts for conduit entry.					NA				
Wiring Compartment	NA					Two threaded .75" NPT entries for conduit attachment. Re-enterable encapsulant 3M 8882 potting compound included.				
Gasket	NA					One piece, molded silicone "O" Ring				
Stainless Steel Screws	Mounting screws and anchors included					Captive and gasketed				
Dimensions	Single 120V: 6 .375" W x 9.5" L x 5.25" D Twin 120V: 6 .375" W x 9.5" L x 5.25" D					9.625" Dia. X 12" Hgt.				
Notes	Above ground ballasts carry a UL listing mark suitable for the US and Canadian marketplace. Maximum distance from lamp to ballast cannot exceed 15' on single (120V) models. Some lamp brands may perform better.					In-ground ballasts carry a CSA listing mark suitable for the US and Canadian marketplace Maximum distance from lamp to ballast cannot exceed 15 feet. Some lamp brands may perform better.				

120 VOLT & HID

# Accessories

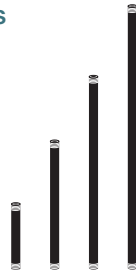
Create a customized installation.



**MOUNTING ACCESSORIES**

**Fixture Mounting Stems**

.50 NPSM thd. stems  
.75 dia. overall



6"	15645 AZT 15645 BBR 15645 BKT	18"	15657 AZT 15657 BBR 15657 BKT
12"	15656 AZT 15656 BBR 15656 BKT	24"	15658 AZT 15658 BBR 15658 BKT

All stems made of corrosion resistant aluminum alloy (except BBR, which is Bronzed Cast Brass) with baked thermoset powder coating to match fixtures. Used with:

- In-ground support stakes (low voltage only)
- Surface mounting flange (low or line voltage)

0.5" stems will require additional Coupler (15649) or Elbow (15647) for accent light use

**Power Post®**



15276 BK

Fast, one-step connection. 2¼" inside diameter accepts conduit of different sizes. Made of impact and corrosion resistant PVC, suitable for wet locations. No unsightly junction boxes or time-taking assembly. Just a trouble-free installation.

Designed for line voltage (120V) landscape lighting. Eliminates need for above or below ground boxes. Built-in stabilizer removes need for concrete.

Accepts 1/2 NPSM thread.  
UL and cUL listed

**Bollard Mounting Stake**



15578 BK

For use with all bollard mounting kits on 12V and 120V fixtures\*

Improved extruded PVC stake is corrosion resistant and 23" length has increased support and stability. Fitting provided to mount bollard in soil.

\*As allowed by local electrical codes

**Bollard Mounting Kit**

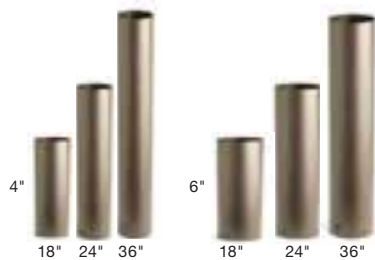


18"	15665 AZT 15665 BKT	36"	15667 AZT 15667 BKT
24"	15666 AZT 15666 BKT		

For use with fixtures 15005, 15011, 15205, 15211

Bollard kit is supplied with Cast Aluminum internal mounting plate including lag bolts for deck or surface mounting. Extruded aluminum bollard finished with baked thermoset powder coat. Order separate bollard template kit for installation into concrete or bollard mounting stake for installation in soil. UL listed.

**HID Bollard Mounting Kit**



15603 AZT 4" x 18"	15613 AZT 6" x 18"
15603 BKT 4" x 18"	15613 BKT 6" x 18"
15604 AZT 4" x 24"	15614 AZT 6" x 24"
15604 BKT 4" x 24"	15614 BKT 6" x 24"
15605 AZT 4" x 36"	15615 AZT 6" x 36"
15605 BKT 4" x 36"	15615 BKT 6" x 36"

For use with fixtures 15215, 15221, 15226

**Surface Mounting Flange**

4" D  
.50" NPSM thd



15601 AZT  
15601 BBR  
15601 BKT

On 120V installations, Cast Aluminum surface flange must be used with junction box (not included). Neoprene gasket supplied to ensure water tight seal.

BBR is Bronzed Cast Brass

**MOUNTING ACCESSORIES**

**Flange Mounting Nipple**

1" x .5"  
NPSM thd.



15602 AL

Anodized aluminum nipple. Used when attaching fixture directly to 15601 flange and 15607 bracket.

**Junction Box Mounting Bracket**

2.39" W  
5.56" H



15609 AZT  
15609 BKT

For use with low voltage and line voltage fixtures  
Corrosion resistant Cast Aluminum alloy with baked thermoset powder coat finish

**Bollard Template Kit**



15671 ST

For use with all bollard mounting kits  
For permanent installation into concrete. Template kit includes positioning template, anchor bolts, and mounting hardware.

**Gel Encapsulant**



15616 WH10 10 pack

Gel re-enterable encapsulant for in-ground installations. Two-part field mixable material in one convenient package.

**PAR38 Well Light Concrete Pour Kit**

7" D  
5.19" H



15608 AZ for use with 15262, 15263,  
15266, 15295

Injection molded concrete pour kit

**LENS/SHIELD ACCESSORIES**

**Blue Lens Filter**



15623 BL Small blue lens for use with 15231  
15624 BL Medium blue lens for use with 15241  
15625 BL Large blue lens for use with 15251, 15255

Blue glass filters act as color enhancers to bring out the true rich greens of foliage. Glass is tempered to resist heat and impact.

**45° Hexcell Louver**



15637 BK Small Hexcell for use with 15231  
15638 BK Medium Hexcell for use with 15241  
15639 BK Large Hexcell for use with 15251, 15255

Expanded aluminum shield with high temperature black finish.

**Well Light Blue Lens Filter**



15626 BL Well light blue lens for use with  
15262, 15263, 15266, 15295

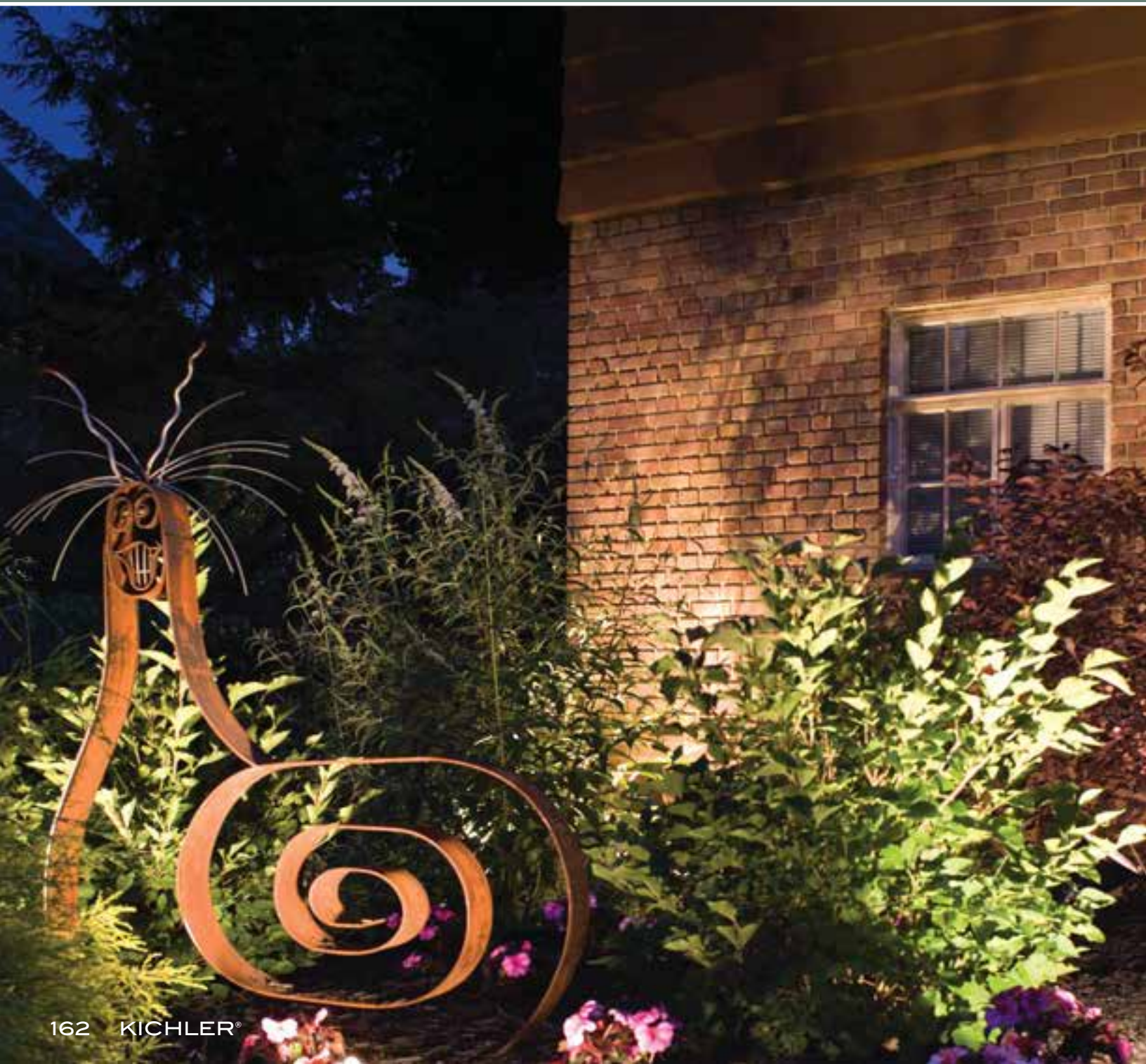
Blue glass filter with rubber gasket. Glass is tempered to resist heat and impact.



LENS/SHIELD ACCESSORIES		
<p><b>Well Light Rock Guard</b></p> 	<p>15688 AZ</p>	<p>Rock Guard/Glare Shield for use with 15263 AZ, 15264 AZ, 15265 AZ and 15295 AZ</p>
<p><b>PAR20 Medium Cowl</b></p> <p>3.32" L</p> 	<p>15620 AZT 15620 BKT</p>	<p>PAR20/R20 Medium Cowl accessory for 15231 AZT, 15231 BKT, 15231 MST Aluminum does not include lens. Lens cowl sold with fixture. 360° rotation for precise light cutoff.</p>
<p><b>PAR20 Long Cowl</b></p> <p>7.45" L</p> 	<p>15628 AZT 15628 BKT</p>	<p>PAR20/R20 Long Cowl accessory for 15231 AZT, 15231 BKT, 15231 MST</p>
<p><b>PAR30 Medium Cowl</b></p> <p>3.87" L</p> 	<p>15640 AZT 15640 BKT</p>	<p>PAR30R/30 Medium Cowl accessory for 15241 AZT, 15241 BKT, 15241 MST</p>
<p><b>PAR30 Long Cowl</b></p> <p>8.99" L</p> 	<p>15648 AZT 15648 BKT</p>	<p>PAR30/R30 Long Cowl accessory for 15241 AZT, 15241 BKT, 15241 MST</p>
<p><b>PAR38 Medium Cowl</b></p> <p>4.92" L</p> 	<p>15660 AZT 15660 BKT</p>	<p>PAR38/R40 Medium Cowl accessory for 15251 AZT, 15251 BKT, 15251 MST, 15255A ZT, 15255 BKT, 15255 MST</p>
<p><b>PAR38 Long Cowl</b></p> <p>12" L</p> 	<p>15668 AZT 15668 BKT</p>	<p>PAR38/R40 Long Cowl accessory for 15251 AZT, 15251 BKT, 15251 MST, 15255 AZT, 15255 BKT, 15255 MST</p>
<p><b>PAR20 Cowl</b></p> <p>3.58" L</p> 	<p>15630 AZT</p>	<p>A PAR20 Cowl with heat-resistant clear lens accessory for 15230 AZT, 15230 MST</p>
<p><b>PAR38 Cowl</b></p> <p>3.58" L</p> 	<p>15650 AZT</p>	<p>A PAR38 Cowl with heat-resistant clear lens accessory for 15250 AZT, 15250 MST</p>

120 VOLT & HID

# Light Bulbs & Photometrics





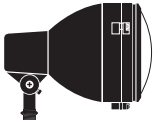
Lamp Type	Watts	Beam Spread	Base	Lumens	Avg. Life (hrs)
<b>INCANDESCENT</b>					
30R20-SP	30	Spot	Medium	300	2,000
30R20-FL	30	Flood	Medium	300	2,000
50R20-SP	50	Spot	Medium	550	2,000
50R20-FL	50	Flood	Medium	550	2,000
75R30-SP	75	Spot	Medium	770	2,000
75R30-FL	75	Flood	Medium	770	2,000
65R40-SP	65	Spot	Medium	500	2,000
65R40-FL	65	Flood	Medium	500	2,000
85R40-SP	85	Spot	Medium	700	2,000
85R40-FL	85	Flood	Medium	700	2,000
120R40-SP	120	Spot	Medium	1,000	2,000
120R40-FL	120	Flood	Medium	1,000	2,000
<b>HALOGEN</b>					
35PAR20-SP	35	9°	Medium	350	2,000
35PAR20-FL	35	30°	Medium	350	2,000
50PAR20-SP	50	9°	Medium	550	2,000
50PAR20-FL	50	30°	Medium	550	2,000
50PAR30L-SP	50	10°	Medium	630	2,000
50PAR30L-FL	50	30°	Medium	630	2,000
75PAR30L-SP	75	10°	Medium	965	2,000
75PAR30L-FL	75	30°	Medium	965	2,000
90PAR38-SP	90	12°	Medium	1,280	2,500
90PAR38-FL	90	28°	Medium	1,280	2,500
150PAR38-SP	150	12°	Medium	2,200	2,500
150PAR38-FL	150	28°	Medium	2,200	2,500
<b>METAL HALIDE</b>					
70-ED17	70	-	Medium	4,000	10,000
100-ED17	100	-	Medium	5,850	10,000
35PAR20-SP	35	10°	Medium	2,000	9,000
35PAR20-FL	35	30°	Medium	2,000	9,000
35PAR30L-SP	35	10°	Medium	2,200	9,000
35PAR30L-FL	35	30°	Medium	2,200	9,000
70PAR30L-SP	70	10°	Medium	4,850	9,000
70PAR30L-FL	70	40°	Medium	4,850	9,000
70PAR38-SP	70	15°	Medium	4,800	10,000
70PAR38-FL	70	25°	Medium	4,800	10,000
100PAR38-SP	100	15°	Medium	6,800	12,500
100PAR38-FL	100	25°	Medium	6,800	12,500
175PAR38-FL	175	65°	Medium	10,000	7,500

Code: VN-SP - Very narrow spot NSP - Narrow spot SP - Spot NFL - Narrow flood FL - Flood WFL - Wide flood  
 VWFL - Very wide flood MEDIUM - Medium screwshell

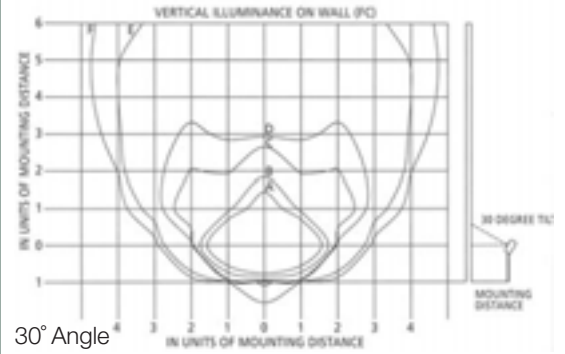
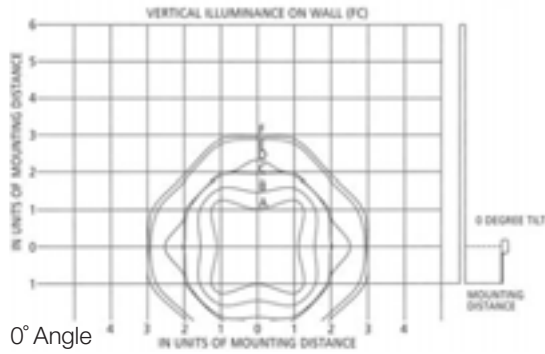
Note: Lumens and lamp life may vary by manufacturer.  
 Stated lumens are of bare lamp.

# LIGHT BULBS & PHOTOMETRICS 120 VOLT & HID

70-W Metal Halide  
PAR38 (15251)  
Clear ED17 Metal Halide  
based on 5600 lumens  
per lamp



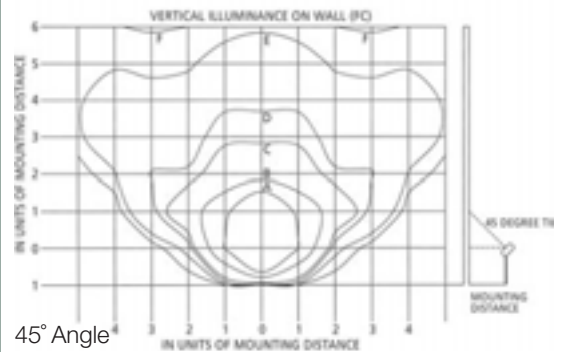
15251



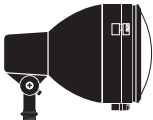
Vertical Illuminance (FC)

MD(FT)	A	B	C	D	E	F
3	13.89	8.33	2.78	1.39	0.28	0.14
4	7.81	4.69	1.56	0.78	0.16	0.08
5	5.00	3.00	1.00	0.50	0.10	0.05
6	3.47	2.08	0.69	0.35	0.07	0.03
7	2.55	1.53	0.51	0.26	0.05	0.03
8	1.95	1.17	0.39	0.20	0.04	0.02
9	1.54	0.93	0.31	0.15	0.03	0.02
10	1.25	0.75	0.25	0.13	0.03	0.01

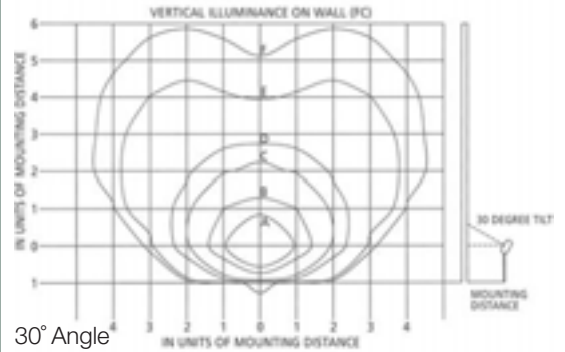
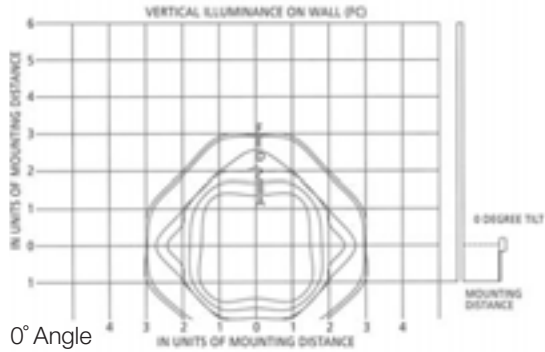
Contours shown are for  
this 5 ft. mounting  
distance



100-W Metal Halide  
PAR38 (15251)  
Clear ED17 Metal Halide  
based on 9000 lumens  
per lamp



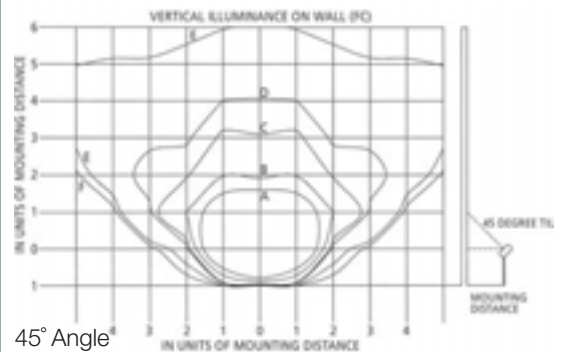
15251



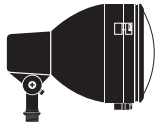
Vertical Illuminance (FC)

MD(FT)	A	B	C	D	E	F
3	13.89	8.33	2.78	1.39	0.28	0.14
4	7.81	4.69	1.56	0.78	0.16	0.08
5	5.00	3.00	1.00	0.50	0.10	0.05
6	3.47	2.08	0.69	0.35	0.07	0.03
7	2.55	1.53	0.51	0.26	0.05	0.03
8	1.95	1.17	0.39	0.20	0.04	0.02
9	1.54	0.93	0.31	0.15	0.03	0.02
10	1.25	0.75	0.25	0.13	0.03	0.01

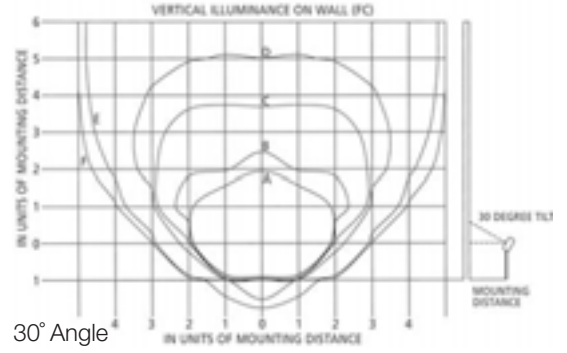
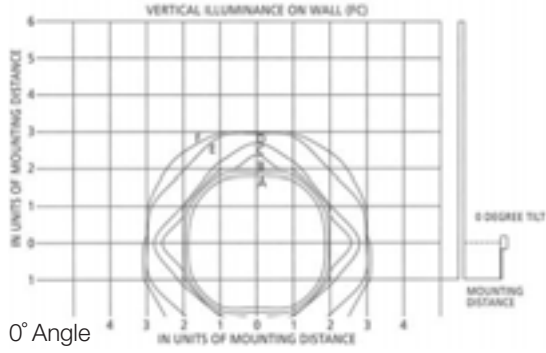
Contours shown are for  
this 5 ft. mounting  
distance



175-W Metal Halide  
PAR38 (15251)  
Clear ED17 Metal Halide  
based on 14000 lumens  
per lamp



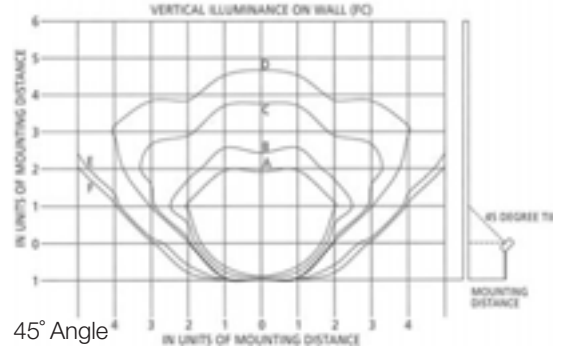
15251



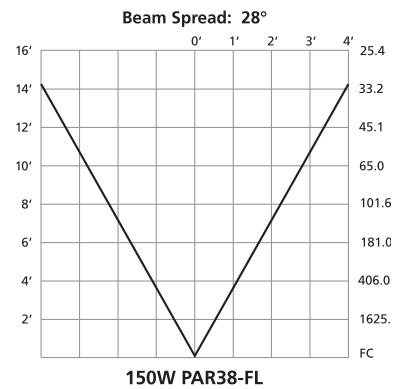
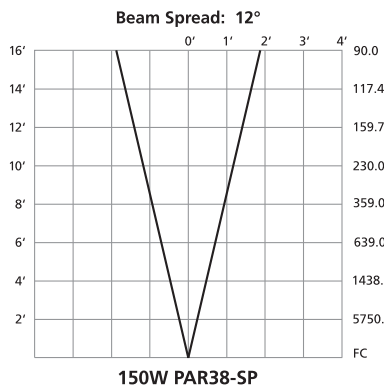
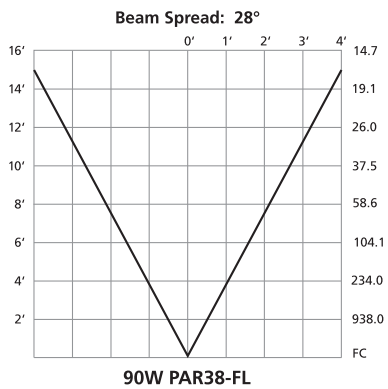
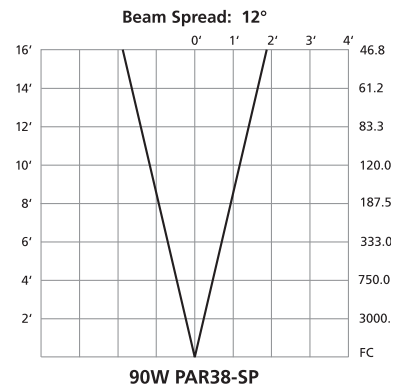
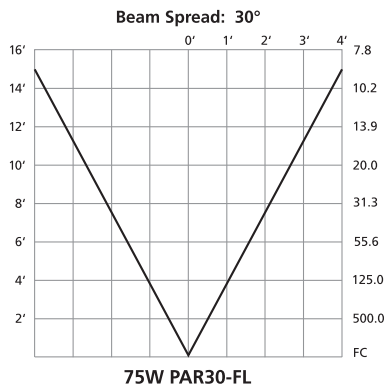
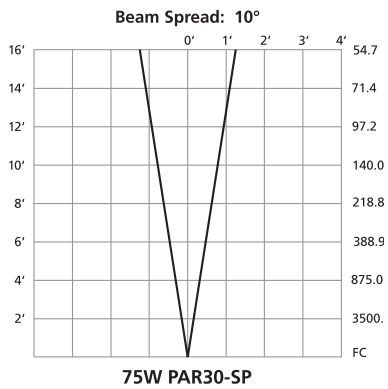
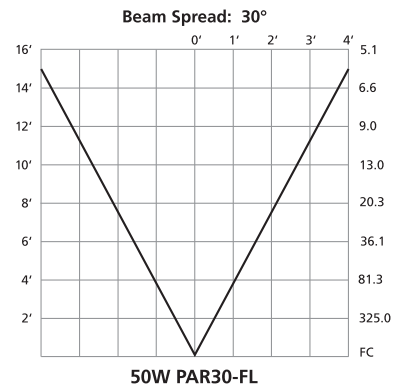
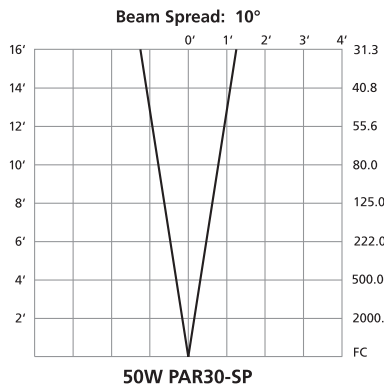
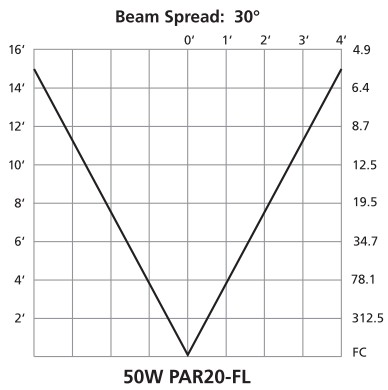
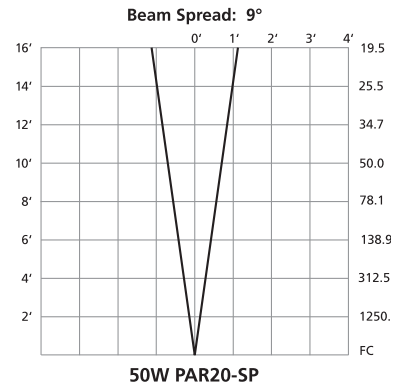
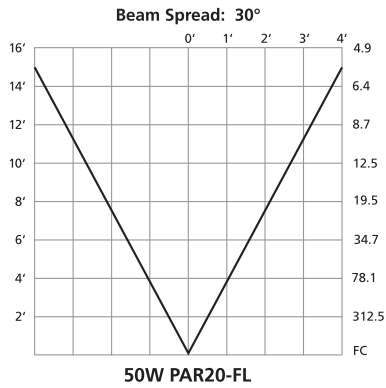
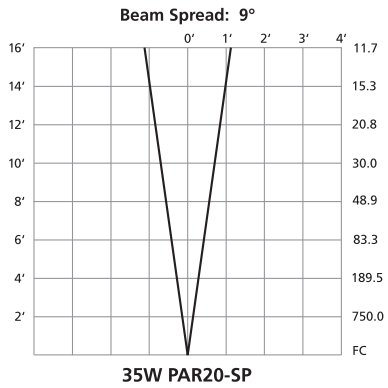
Vertical Illuminance (FC)

MD(FT)	A	B	C	D	E	F
3	13.89	8.33	2.78	1.39	0.28	0.14
4	7.81	4.69	1.56	0.78	0.16	0.08
5	5.00	3.00	1.00	0.50	0.10	0.05
6	3.47	2.08	0.69	0.35	0.07	0.03
7	2.55	1.53	0.51	0.26	0.05	0.03
8	1.95	1.17	0.39	0.20	0.04	0.02
9	1.54	0.93	0.31	0.15	0.03	0.02
10	1.25	0.75	0.25	0.13	0.03	0.01

Contours shown are for  
this 5 ft. mounting  
distance



# LIGHT BULBS & PHOTOMETRICS 120 VOLT & HID



**Note:** Footcandle (FC) values may differ amongst lamp manufacturers.

HID BOLLARD PHOTOMETRICS from pg. 159

**15215AZT & BKT - 50-W Metal Halide**  
Footcandles/Distance from Fixture Center

Bollard Height	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"
18"	10.4	19.6	10.9	5.7	3.2	1.8
24"	6.1	12.4	11.3	6.3	3.8	2.5
36"	3.4	5.7	7.2	6.4	4.7	3.3

**15215AZT & BKT - 70-W Metal Halide**  
Footcandles/Distance from Fixture Center

Bollard Height	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"
18"	15.8	26.6	15.5	8.9	5.5	3.3
24"	8.4	16.4	17.2	8.8	5.9	4.2
36"	4.8	8.5	9.8	9.7	7.0	4.6

**15215AZT & BKT - 100-W Metal Halide**  
Footcandles/Distance from Fixture Center

Bollard Height	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"
18"	21.3	48.1	23.8	11.9	6.1	3.6
24"	12.4	29.0	24.8	13.4	8.1	4.7
36"	6.9	11.3	14.6	13.2	8.5	6.1

**15221AZT & BKT - 50-W Metal Halide**  
Footcandles/Distance from Fixture Center

Bollard Height	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"
18"	15.3	20.8	11.1	5.1	2.7	1.4
24"	9.5	13.6	11.7	5.9	3.5	2.3
36"	5.4	6.9	7.6	6.5	4.5	2.9

**15221AZT & BKT - 70-W Metal Halide**  
Footcandles/Distance from Fixture Center

Bollard Height	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"
18"	24.5	29.9	16.5	8.2	5.0	2.7
24"	14.5	19.8	19.2	8.8	5.7	4.0
36"	8.3	10.8	11.1	10.3	6.9	4.5

**15221AZT & BKT - 100-W Metal Halide**  
Footcandles/Distance from Fixture Center

Bollard Height	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"
18"	33.9	46.7	21.4	9.9	4.8	2.2
24"	20.9	28.4	25.5	12.3	6.7	4.2
36"	12.4	14.3	15.4	14.2	9.7	6.2

**15226AZT & BKT - 50-W Metal Halide**  
Footcandles/Distance from Fixture Center

Bollard Height	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"
18"	8.7	17.9	10.5	5.4	3.1	2.1
24"	5.3	11.6	10.5	5.9	3.6	2.5
36"	3.1	5.2	6.5	6.1	4.4	3.1

**15226AZT & BKT - 70-W Metal Halide**  
Footcandles/Distance from Fixture Center

Bollard Height	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"
18"	14.3	26.7	15.2	8.9	5.4	2.9
24"	8.3	16.3	8.9	8.8	6.0	4.0
36"	4.8	8.1	9.5	9.5	6.7	4.6

**15226AZT & BKT - 100-W Metal Halide**  
Footcandles/Distance from Fixture Center

Bollard Height	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"
18"	18.5	38.3	20.4	10.5	5.6	3.6
24"	10.5	23.6	22.0	12.4	7.5	4.5
36"	6.3	10.6	14.2	12.6	9.0	6.4

FLAG POLE ILLUMINATION

- Flag poles used in a residential yard can usually be effectively lit with two fixtures
- Poles positioned on commercial or large residential lots will typically require three lighting fixtures
- The fixtures should be placed 180° apart if using two and 120° apart if using three
- The fixtures should be located 6" to 3' from the flag pole in low-voltage residential applications. For large residential, commercial and line-voltage applications, fixtures should be from 12" to 3' from the base of the pole
- Aim the fixture at the ball at the top of the flagpole



Installation 6" to 3' from base of flagpole

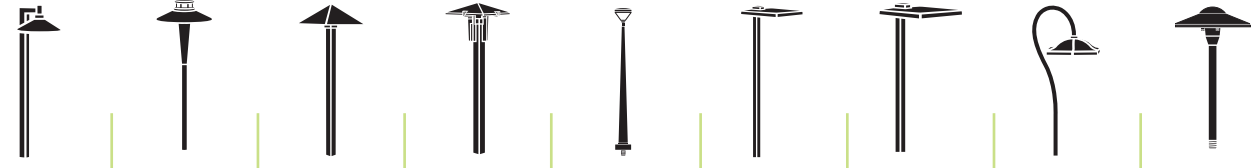


Please use the chart below to determine the recommended quantity of fixtures, lamp wattage and lamp type.

Pole Height	Typical Flag Size	Quantity of Fixtures	Lamp Wattage	Lamp Beam Spread	Kichler LED Option
12' to 20'	3' x 5'	2	20-W	NSP 10° to 15°	15731
25'	4' x 6'	2	35-W	NSP 10° to 15°	15741
30'	5' x 8'	2 or 3	35-W	NSP 10° to 15°	15741
35'	6' x 10'	3	35-W	NSP 10° to 15°	15741
Taller than 35'	10' +	3	50-W	NSP 10° to 15°	15751

# PICTORIAL INDEX

DESIGN PRO LED PATH & SPREAD



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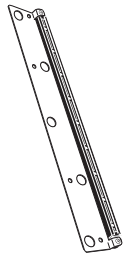


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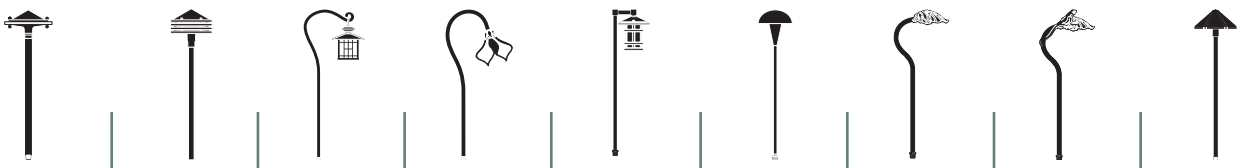


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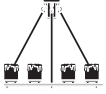






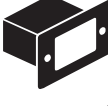


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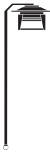






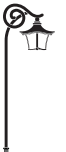

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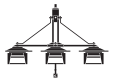






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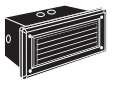








\* Denotes New Products

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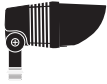















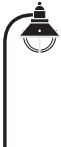
								
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







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Wattages stated are the maximum recommended, however, you may use lower wattage bulbs to suit your lighting needs..

All electrical products are cUL, UL, ETL or CSA listed.

Because compliance and safety are important long after the installation is complete all Kichler Landscape Lighting low voltage transformers are listed or certified by UL, ETL, and/or CSA to the appropriate ANSI/UL 1838 standard for both the United States and Canada.

Finishes for fixtures installed outdoors are subject to change due to prolonged exposure to sunlight, airborne pollutants and other forms of weathering.

To serve you better, Kichler® Lighting reserves the right to make improvements to the products in this catalog. Therefore, some products may change during the life of the catalog and the product information contained in this catalog may also have changed.

## WARRANTY

For complete warranty details, go to [www.landscapelighting.com](http://www.landscapelighting.com).

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# Design Pro LED



## HARDSCAPE, DECK, STEP, BENCH & OUTDOOR KITCHEN LIGHTING

POWERED BY  
DESIGN PRO LED  
TECHNOLOGY

### Discover LED like you've never seen it.

Unique and versatile LED light fixtures that are:

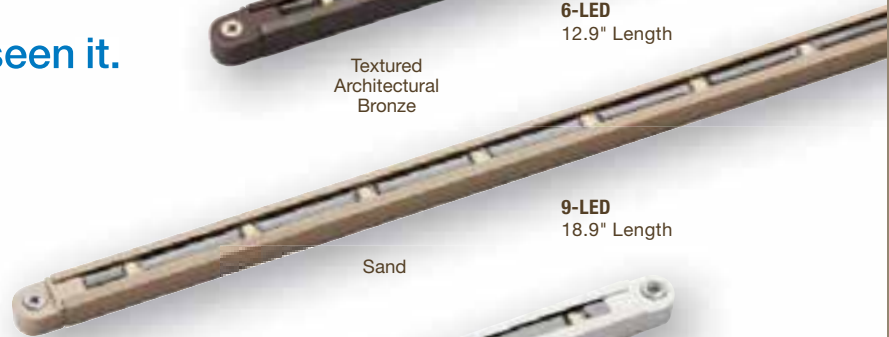
- Designed with a pure, warm, natural 2,950K white light
- Long-life 40,000 hour LED light source
- Tested to withstand the elements for years of enjoyment
- Easy to install
- Easily adapts to almost any hardscape, deck, step, bench or outdoor kitchen application
- Finishes complement popular stone and decking options: Textured Architectural Bronze™, Bronzed Brass, Copper, Gray, Sand and Textured White

For more information see page 24, or go to [www.landscapelighting.com](http://www.landscapelighting.com), where you can also view complete warranty information.



Textured Architectural Bronze

6-LED  
12.9" Length



Sand

9-LED  
18.9" Length



White

3-LED  
6.9" Length

**KICHLER**   
LIGHTING

#### KICHLER LIGHTING

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