

A photograph of a house at dusk, featuring a stone wall and trees illuminated by landscape lighting. The scene is set in a garden with a stone wall in the foreground, a paved path, and a house with a porch in the background. The trees are illuminated from below, creating a warm glow. The house has a gabled roof and a porch with columns. The overall atmosphere is serene and elegant.

THE PREMIUM CHOICE IN LANDSCAPE LIGHTING

KICHLER.

THE BEST MEMORIES HAPPEN AFTER THE SUN GOES DOWN

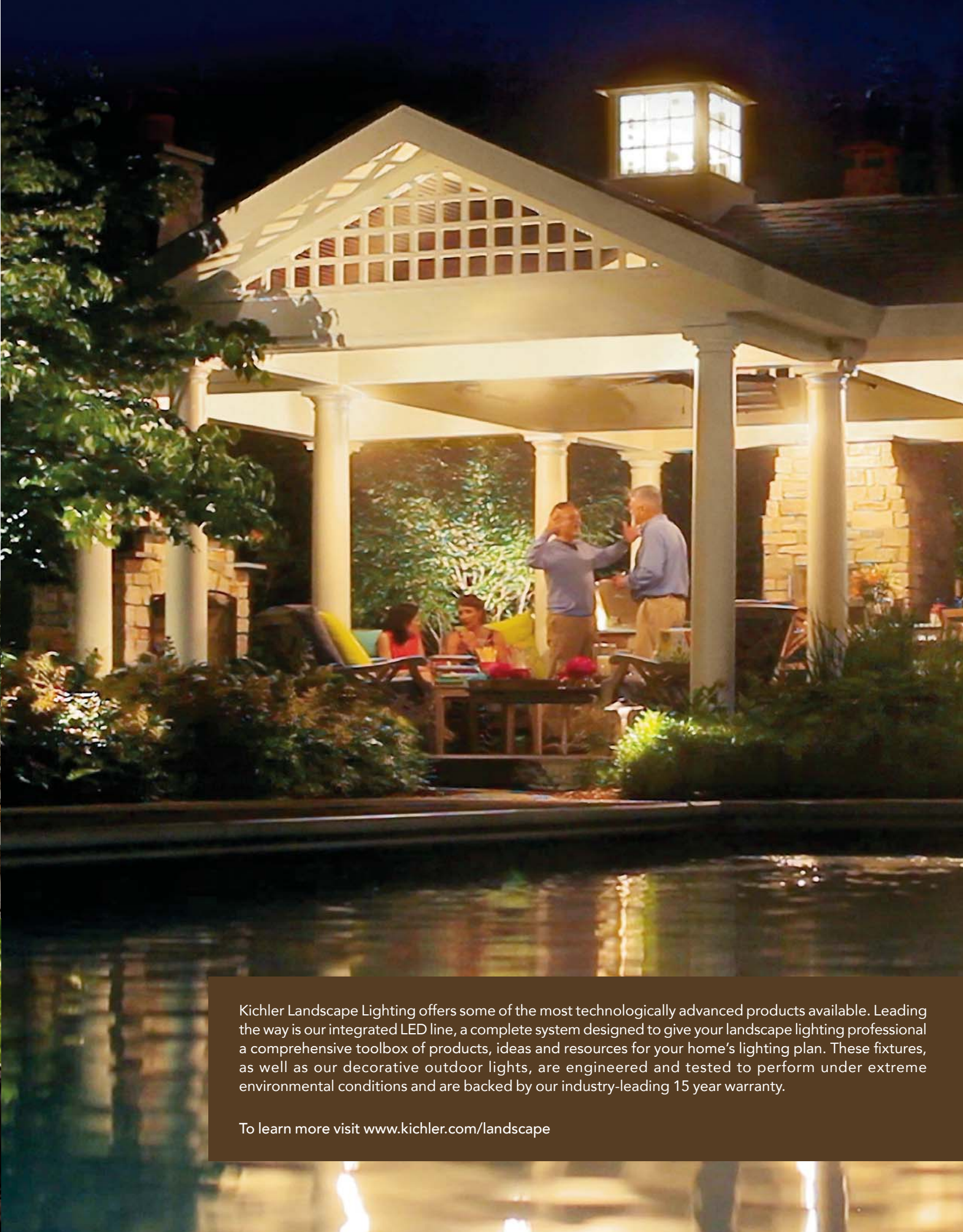
Let your landscape lighting illuminate every occasion and invite people into your home safely and beautifully – highlighting walkways, architectural elements, gathering spaces, water features and more. A landscape lighting professional can show you all of the possibilities and deliver the best, most efficient lighting to bring your home to life.

PERSONALIZED TO YOUR HOME – AND YOUR LIFESTYLE.

Your contractor will work with you to create a landscape lighting design that not only enhances your property, but also works with the way you use, live in, and enjoy your outdoor spaces. Consider your answers to these questions when creating your landscape lighting wish list:

- What do I love the most about my yard?
- How do I see myself using my outdoor spaces?
- When am I in these spaces most often?
- Is there a special architectural structure or feature that I want to highlight?
- When and where is security lighting most important?





Kichler Landscape Lighting offers some of the most technologically advanced products available. Leading the way is our integrated LED line, a complete system designed to give your landscape lighting professional a comprehensive toolbox of products, ideas and resources for your home's lighting plan. These fixtures, as well as our decorative outdoor lights, are engineered and tested to perform under extreme environmental conditions and are backed by our industry-leading 15 year warranty.

To learn more visit www.kichler.com/landscape

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*Use LED or Incandescent Replacement Bulbs



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120V LED/INCANDESCENT LIGHTING**

**Use LED or Incandescent Lamps



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DESIGN PRO INTEGRATED LED KICHLER TECHNOLOGY

A Kichler Design Pro Integrated LED lighting system offers long-term beauty and industry-leading technology that brings outdoor living spaces to life with best-in-class performance, quality and efficiency. Integrated Design with Fully Encapsulated Electronics for Optimal All-Weather Performance.



PERFORMANCE

All Design Pro LED fixtures deliver beautiful lighting effects and are engineered for optimum performance with integrated solid-state drivers that are fully potted and sealed against the elements.

VERSATILITY

Kichler's integrated LED portfolio includes decorative path & spread, hardscape, water feature, deck and accent lighting.

INSTALLATION EASE

Our unique 9v to 15v operating range virtually eliminates voltage drop resulting in consistent light distribution without tricky calculations.

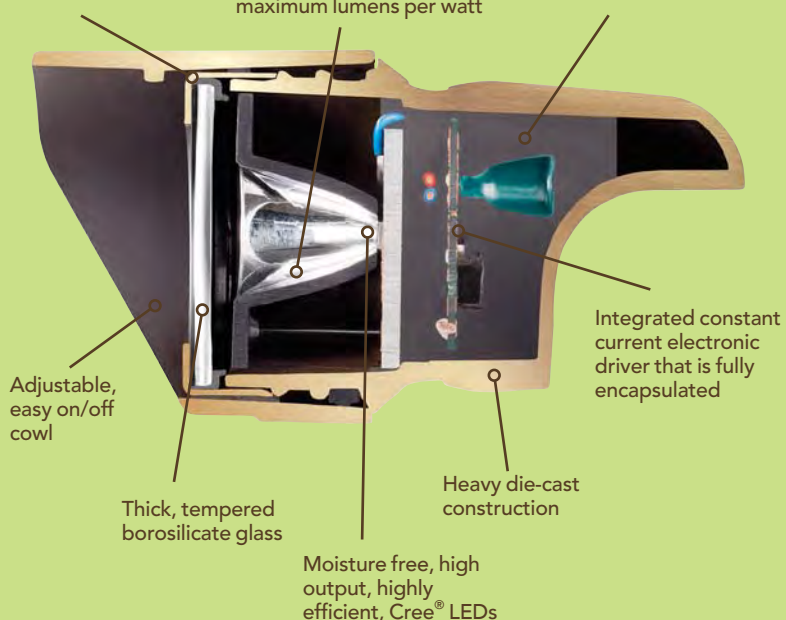
EFFICIENCY

Design Pro LED lighting generates more lumens with less wattage – creating greater lighting effects while consuming less electricity.

3 part silicone moisture barrier and epoxy glass seal

Radiax™ custom formed highly reflective, parabolic optics generate high total lumens and maximum lumens per watt

3 part potting process ensures all air is removed, no voids.



On the light engine and all other electrical components. Warranty subject to change without notice. Visit www.kichler.com for full warranty and limitations.

A LIGHT'S COLOR SETS THE TONE.

LIGHTING DESIGN TIPS

Did you know that not all white light is created equal? Many of our integrated LED fixtures and LED replacement lamps come in a variety of color temperatures – from warm white to pure white to cool white – that can enhance the colors in your home’s exterior and landscape. Known as Kelvin (K) temperature, consider these suggestions for placement:



WARM WHITE (2700K)

- Surroundings with warmer colors, like brown and cedar
- Natural-colored walls or stonework
- Foliage that is red, orange or yellow (ex: highlighting oak trees)



PURE WHITE (3000K)

- Surroundings with dark materials, like deep slate, black or grey
- Foliage that is blue or purple (ex: highlighting blue spruce trees)



COOL WHITE (4200K)

- Ultra contemporary homes and structures
- Commercial applications
- 120V only

BEAM SPREADS...CARRY LIGHT WHERE IT'S NEEDED.

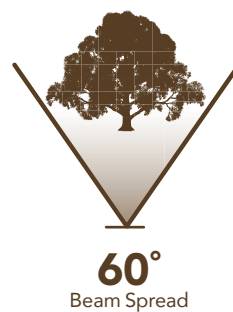
Kichler Design Pro LED Lights are available in a variety of beam spreads that allow your lighting professional to tailor the light to the application – creating the perfect end effect.



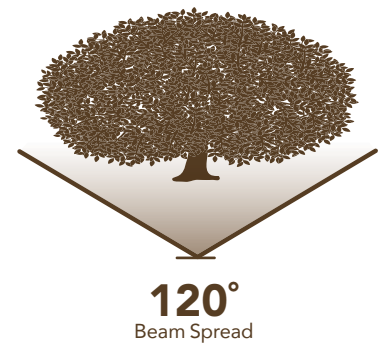
Tall, thin beam of light ideal for grazing trees and column features.



Medium height and width beam of light suited for general accent lighting.



Short and wide beam of light useful for broad trees and wide structures.



Ideal for wall washing, grazing, and short yet wide objects.

LIGHTING TECHNIQUES



ACCENT creates scenes mimicking the natural affects of moonlight within trees or highlights architectural feature of your property



ACCENT UPLIGHTING shines light upward to illuminate an object or surface for dramatic, attention-getting visuals

Shown: 16070 LED Wall Wash
15384 Mini Accent with LED Drop-In Lamp



GRAZING will add depth and dimension to stucco, brick, stonework or architectural features of your home or building

Shown: 16004 LED Radiax
15843 LED Path – 3000K

LIGHTING TECHNIQUES



SHADOWING is used to project the look of a tree or your favorite yard art onto a surface behind the object

SILHOUETTE LIGHTING calls out an interesting shape by lighting a vertical surface behind the object to accent a unique shape

Shown: 16007 Radiax – 2700K

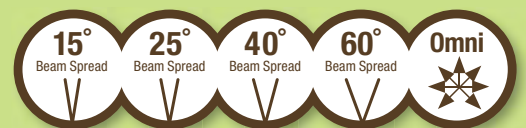


MIRROR LIGHTING is used to create dream-like water scenes by strategically lighting background areas around bodies of water

LED LAMPS

Designed to fit landscape, outdoor and security lighting fixtures for both 12V and 120V systems, Kichler LED lamps offer superior cost savings and uncompromised performance. Available in a variety of lamp types, beam spreads and lumen options, Kichler LED lamps are the perfect fit to upgrade an existing incandescent system.

- Quality and consistent light output & beam spreads
- Potted and/or coated electronics to protect against moisture
- FCC Compliant
- Range of beam spread choices and Kelvin color temperature options (12V available in 2700K or 3000K. 120V available in 3000K or 4200K.)



ACCENT LIGHTING

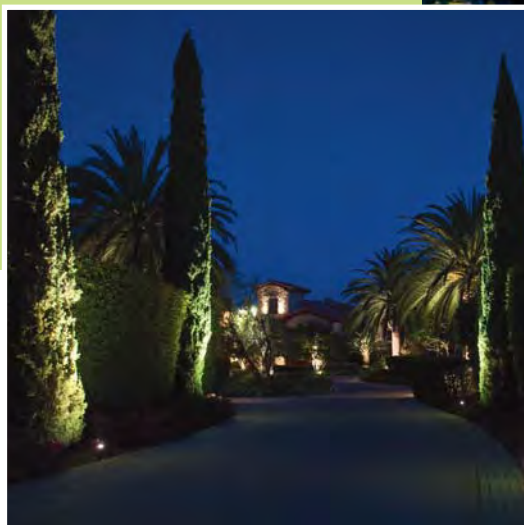
Dramatically focus attention to trees, yard art, architectural features, outdoor walkways, gardens and more.

FEATURES:

- Multiple lumen outputs offer total design flexibility

LED OPTIONS:

- 10°, 35°, 60°, 120° (Wall Wash) beam spreads
- Warm White 2700K or Pure White 3000K



ACCENT LIGHTING

IN-GROUND LIGHTING

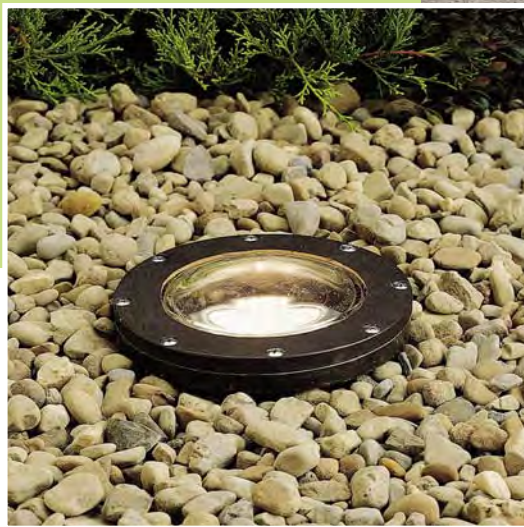
Deliver light to permanent and semi-permanent installations such as sidewalks, large mature trees, walls and flagpoles.

LED FEATURES:

- Corrosion-free all brass construction – stronger than aluminum or composite

LED OPTIONS:

- 10°, 35° or 60° beam spreads
- Warm White 2700K, Pure White 3000K



IN-GROUND LIGHTING

UNDERWATER & WATER ACCENT

LIGHTING

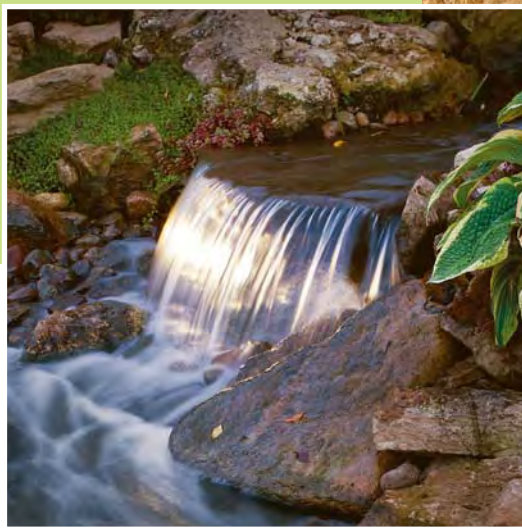
Enhance and highlight flowing water in waterfalls, streams and fountains. Create a magical mirroring affect on still waters, like ponds and pools.

LED FEATURES:

- Rugged construction sealed against the elements for full submersion applications
- Rugged stainless steel housing with integral cowl

LED OPTIONS:

- 60° beam spread
- Warm White 2700K or Pure White 3000K or Cool White 4200K



UNDER WATER ACCENT LIGHTING

PATH & SPREAD

LIGHTING

Illuminate sidewalks, stone pathways and lawn walkways while adding a hint of intrigue to boulders and plant beds.

LED FEATURES:

- Sealed/integrated, moisture-proof design
- Directs light in a smooth even 10' – 12' spread with little glare or drastic cutoff
- Classic designs with a wide variety of finish options
- Durable cast construction



PATH & SPREAD LIGHTING

DECK & PATIO

LIGHTING

Accentuate all of the beauty and detail of your deck, patio, outdoor kitchen, steps, handrails and more.

FEATURES:

- Multiple architectural styles and finishes highlight the setting and add safety and security
- Weather tested to withstand the elements for years

LED OPTIONS:

- Deck & Patio: Pure White 3000K and Warm White 2700K



DECK & PATIO LIGHTING

HARDSCAPE LIGHTING

Highlight your stone features, retaining walls, outdoor kitchens, steps, handrails, benches and more.

LED FEATURES:

- Available in multiple Kelvin temperature options: Warm White 2700K and Pure White 3000K
- Available in 1, 3, 6, and 9 LED fixtures
- Long-life LED light source — 40,000 hours at industry standard L70
- Tested to withstand the elements for years of enjoyment
- Easy to install



HARDSCAPE LIGHTING

DESIGN PRO LED 12V ACCENT

Generate more lumens with less wattage for superior results.



For use with a magnetic transformer, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not for use with 3rd party electronic transformers. Subjected to Highly Accelerated Life Testing – 3rd party reliability testing.

12V 3W LED ACCENT



16000 AZT, BBR, BKT

16001 AZT, BBR, BKT, WHT

16002 AZT, BBR, BKT

Beam Spread	Beam Spread 10° Spot		Beam Spread 35° Flood		Beam Spread 60° Wide Flood	
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White
Ordering Guide & Finish	16000 AZT27 16000 BBR27 16000 BKT27	16000 AZT30 16000 BBR30 16000 BKT30	16001 AZT27 16001 BBR27 16001 BKT27 16001 WHT27	16001 AZT30 16001 BBR30 16001 BKT30 16001 WHT30	16002 AZT27 16002 BBR27 16002 BKT27	16002 AZT30 16002 BBR30 16002 BKT30
Watts/Lumens	Compares to 10W Halogen MR16					
Housing	Cast Aluminum, Cast Brass					
Light Source	1 Integrated High Output Cree® LED, tightly binned for color uniformity, and constant current driver					
Color Temp. (CCT) & CRI	2700K (-50/+100) Warm White 3000K (-45/+130) Pure White / 80s CRI					
Optics	Radiax™ Reflector					
Power Usage at 12V AC Input VA and Watts	3W, 4VA					
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology					
Lumen Maint.	Tested to an L-70 of 40,000 hours					
Delivered Lumens & Efficacy	2700K = 109 Lm 2700K = 36 Lm/W		3000K = 116 Lm 3000K = 39 Lm/W			
Wiring	24" of usable #18-2, SPT-1W leads. Wire connectors supplied. Includes LVPC installed. See page 134.					
Mounting Access. (Included)	8" slotted in-ground stake					
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Bracket 15645, 15656, 15657, 15658 or 15570 – Stems		15609 – Junction Box Mounting Bracket 15647 – 90° Elbow			
Notes	Textured white only available in 35° beam. Brass will naturally patina over time.					

12V LED ACCENT

12V 4W LED ACCENT



16003 AZT, BBR, BKT

16004 AZT, BBR, BKT, WHT

16005 AZT, BBR, BKT

Beam Spread	Beam Spread 10° Spot		Beam Spread 35° Flood		Beam Spread 60° Wide Flood	
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White
Ordering Guide & Finish	16003 AZT27 16003 BBR27 16003 BKT27	16003 AZT30 16003 BBR30 16003 BKT30	16004 AZT27 16004 BBR27 16004 BKT27 16004 WHT27	16004 AZT30 16004 BBR30 16004 BKT30 16004 WHT30	16005 AZT27 16005 BBR27 16005 BKT27	16005 AZT30 16005 BBR30 16005 BKT30
Watts/Lumens	Compares to 20W Halogen MR16					
Housing	Cast Aluminum, Cast Brass					
Light Source	1 Integrated High Output Cree® LED, tightly binned for color uniformity, and constant current driver					
Color Temp. (CCT) & CRI	2700K (-50/+100) Warm White 3000K (-45/+130) Pure White / 80s CRI					
Optics	Radiax™ Reflector					
Power Usage at 12V AC Input VA and Watts	4W, 5.5VA					
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology					
Lumen Maint.	Tested to an L-70 of 40,000 hours					
Delivered Lumens & Efficacy	2700K = 151 Lm 2700K = 38 Lm/W		3000K = 180 Lm 3000K = 45 Lm/W			
Wiring	24" of usable #18-2, SPT-1W leads. Wire connectors supplied. Includes LVPC installed. See page 134.					
Mounting Access. (Included)	8" slotted in-ground stake					
Optional Accessories	15601 – Surface Mounting Flange 15609 – Junction Box Mounting Bracket 15607 – Surface Bracket 15647 – 90° Elbow 15645, 15656, 15657, 15658 or 15570 – Stems					
Notes	Textured white only available in 35° beam. Brass will naturally patina over time. *Cree is a registered trademark of Cree, Inc.					

12V 6.5W LED ACCENT



16006 AZT, BBR, BKT

16007 AZT, BBR, BKT, WHT

16008 AZT, BBR, BKT

Beam Spread	Beam Spread 10° Spot		Beam Spread 35° Flood		Beam Spread 60° Wide Flood	
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White
Ordering Guide & Finish	16006 AZT27 16006 BBR27 16006 BKT27	16006 AZT30 16006 BBR30 16006 BKT30	16007 AZT27 16007 BBR27 16007 BKT27 16007 WHT27	16007 AZT30 16007 BBR30 16007 BKT30 16007 WHT30	16008 AZT27 16008 BBR27 16008 BKT27	16008 AZT30 16008 BBR30 16008 BKT30
Watts/Lumens	Compares to 35W Halogen MR16					
Housing	Cast Aluminum, Cast Brass					
Light Source	5 Integrated High Output Cree® LEDs, tightly binned for color uniformity, and constant current driver					
Color Temp. (CCT) & CRI	2700K (-50/+100) Warm White 3000K (-45/+130) Pure White / 80s CRI					
Optics	Radiax™ Reflector					
Power Usage at 12V AC Input VA and Watts	6.5W, 10.0VA					
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology					
Lumen Maint.	Tested to an L-70 of 40,000 hours					
Delivered Lumens & Efficacy	2700K = 306 Lm 2700K = 47 Lm/W		3000K = 352 Lm 3000K = 54 Lm/W			
Wiring	24" of usable #18-2, SPT-1W leads. Wire connectors supplied. Includes LVPC installed. See page 134.					
Mounting Access. (Included)	8" slotted in-ground stake					
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Bracket 15645, 15656, 15657, 15658 or 15570 – Stems		15609 – Junction Box Mounting Bracket 15647 – 90° Elbow			
Notes	Textured white only available in 35° beam. Brass will naturally patina over time. *Cree is a registered trademark of Cree, Inc.					

12V LED ACCENT

12V 13W LED ACCENT



16009 AZT, BBR, BKT

16010 AZT, BBR, BKT, WHT

16011 AZT, BBR, BKT

Beam Spread	Beam Spread 10° Spot		Beam Spread 35° Flood		Beam Spread 60° Wide Flood	
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White
Ordering Guide & Finish	16009 AZT27 16009 BBR27 16009 BKT27	16009 AZT30 16009 BBR30 16009 BKT30	16010 AZT27 16010 BBR27 16010 BKT27 16010 WHT27	16010 AZT30 16010 BBR30 16010 BKT30 16010 WHT30	16011 AZT27 16011 BBR27 16011 BKT27	16011 AZT30 16011 BBR30 16011 BKT30
Watts/Lumens	Compares to Halogen 75W MR16					
Housing	Cast Aluminum, Cast Brass					
Light Source	5 Integrated High Output Cree® LEDs, tightly binned for color uniformity, and constant current driver					
Color Temp. (CCT) & CRI	2700K (-50/+100) Warm White 3000K (-45/+130) Pure White / 80s CRI					
Optics	Radiax™ Reflector					
Power Usage at 12V AC Input VA and Watts	13W, 18.5VA					
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology					
Lumen Maint.	Tested to an L-70 of 40,000 hours					
Delivered Lumens & Efficacy	2700K = 520 Lm 2700K = 40 Lm/W		3000K = 590 Lm 3000K = 45 Lm/W			
Wiring	24" of usable #18-2, SPT-1W leads. Wire connectors supplied. Includes LVPC installed. See page 134.					
Mounting Access. (Included)	8" slotted in-ground stake					
Optional Accessories	15601 – Surface Mounting Flange 15609 – Junction Box Mounting Bracket 15645, 15656, 15657, 15658 or 15570 – Stems		15607 – Surface Bracket 15647 – 90° Elbow			
Notes	Textured white only available in 35° beam. Brass will naturally patina over time. *Cree is a registered trademark of Cree, Inc.					

12V 21W LED ACCENT



16012 AZT, BBR, BKT

16013 AZT, BBR, BKT, WHT

16014 AZT, BBR, BKT

Beam Spread	Beam Spread 10° Spot		Beam Spread 35° Flood		Beam Spread 60° Wide Flood	
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White
Ordering Guide & Finish	16012 AZT27 16012 BBR27 16012 BKT27	16012 AZT30 16012 BBR30 16012 BKT30	16013 AZT27 16013 BBR27 16013 BKT27 16013 WHT27	16013 AZT30 16013 BBR30 16013 BKT30 16013 WHT30	16014 AZT27 16014 BBR27 16014 BKT27	16014 AZT30 16014 BBR30 16014 BKT30
Watts/Lumens	Compares to Halogen 75W MR16					
Housing	Cast Aluminum, Cast Brass					
Light Source	8 Integrated High Output Cree® LEDs, tightly binned for color uniformity, and constant current driver					
Color Temp. (CCT) & CRI	2700K (-50/+100) Warm White 3000K (-45/+130) Pure White / 80s CRI					
Optics	Radiax™ Reflector					
Power Usage at 12V AC Input VA and Watts	21W, 27.0VA					
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology					
Lumen Maint.	Tested to an L-70 of 40,000 hours					
Delivered Lumens & Efficacy	2700K = 947 Lm 2700K = 45 Lm/W		3000K = 993 Lm 3000K = 47 Lm/W			
Wiring	24" of usable #18-2, SPT-1W leads. Wire connectors supplied. Includes LVPC installed. See page 134.					
Mounting Access. (Included)	8" slotted in-ground stake					
Optional Accessories	15601 – Surface Mounting Flange 15609 – Junction Box Mounting Bracket 15607 – Surface Bracket 15647 – 90° Elbow 15645, 15656, 15657, 15658 or 15570 – Stems					
Notes	Textured white only available in 35° beam. Brass will naturally patina over time. *Cree is a registered trademark of Cree, Inc.					

12V LED ACCENT

12V LED ACCENT



	15731, 15732, 15733 AZT, BBR, BKT	15741, 15742, 15743 AZT, BBR, BKT	15751, 15752, 15753 AZT, BBR, BKT
Ordering Guide & Finish	15731 AZT, BBR, BKT – 10° Spot 15732 AZT, BBR, BKT – 35° Flood 15733 AZT, BBR, BKT – 60° Wide Flood	15741 AZT, BBR, BKT – 10° Spot 15742 AZT, BBR, BKT – 35° Flood 15743 AZT, BBR, BKT – 60° Wide Flood	15751 AZT, BBR, BKT – 10° Spot 15752 AZT, BBR, BKT – 35° Flood 15753 AZT, BBR, BKT – 60° Wide Flood
Housing	Cast Aluminum or Cast Brass with clear tempered glass lens and polycarbonate mounting stem and locknut		
Light Source	3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	6 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	9 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver
Color Temp. (CCT) & CRI	3000K (-200/+125) / 80s CRI		
Optics	Custom T.I.R. (Total Internal Reflection) Acrylic Optics		
Power Usage	4.5 W, 7.5 VA	8.5 W, 12.2 VA	12.4 W, 16.7 VA
Watts/Lumens	Comparable to 20 W MR16	Comparable to 35 W MR16	Comparable to 50 W MR16
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		
Lumen Maint.	Tested to an L-70 of 40,000 hours		
Delivered Lumens & Efficacy	3000K = 150 Lm 3000K = 33 Lm/W	3000K = 310 Lm 3000K = 36 Lm/W	3000K = 460 Lm 3000K = 37 Lm/W
Wiring	53" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		
Mounting Access. (Included)	8" slotted in-ground stake		
Optional Accessories	15601 – Surface Mounting Flange 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15607 – Surface Mounting Bracket 15645, 15656, 15657, 15658 or 15570 – Stems		
Optional Cowl Accessories	15701 AZTP, BKTP Short Cowl for use with 4.5W and 8.5W size 15702 AZTP, BKTP Short Cowl for use with 12.4W size 15703 AZTP, BKTP Long Cowl for use with 4.5W and 8.5W size 15704 AZTP, BKTP Long Cowl for use with 12.4W size For BBR fixture finishes, use AZTP		
Optional Lens Accessories	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

OPTIMIZE YOUR DESIGN USING LANDSCAPE LIGHTING ACCESSORIES

COWLS:

Cowls are used for increased glare control when using accent lights. Refer to pages 131-132 for additional details and product compatibility.



15701AZTP



15703AZTP



16060BBR



16061BBR



16050BBRP

LENSES:

Designed specifically for Kichler fixtures, lenses are used to create dramatic lighting effects. Refer to page 130 for additional details and product compatibility.



15875AMB



15886GRN



15895FRO



12V LED ACCENT

WALL WASH



16070 AZT, BBR, BKT

WALL WASH ACCENT LIGHT



15861 AZT, BBR, BKT

	16070 AZT, BBR, BKT		15861 AZT, BBR, BKT	
Kelvin	2700K Warm White		3000K Pure White	
Ordering Guide & Finish	16070 AZT27R 16070 BBR27R 16070 BKT27R	16070 AZT30R 16070 BBR30R 16070 BKT30R	15861 AZT27R 15861 BBR27R 15861 BKT27R	15861 AZT30R 15861 BBR30R 15861 BKT30R
Housing	Cast Aluminum, Cast Brass		Cast Aluminum, Cast Brass	
Light Source	8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	
Beam Spread	Vertical = 80° Horizontal = 100°		Vertical = 108° Horizontal = 111°	
Color Temp. (CCT) & CRI	2700K (-55/ +90) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-55/+90) / 80s CRI 3000K (-52/+122) / 80s CRI	
Power Usage at 12V AC Input VA and Watts	4.3 W, 5.8 VA		4.3 W, 5.8 VA	
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology	
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours	
Delivered Lumens & Efficacy	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W
Wiring	63" of usable #18-2, SPT-1W leads. Wire connectors supplied.		64" of usable #18-2, SPT-1W leads. Wire connectors supplied.	
Mounting Access. (Included)	8" slotted in-ground stake		8" slotted in-ground stake	
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15645, 15656, 15657, 15658 or 15570 – Stems		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15647 – 90° Elbow 15645, 15656, 15657, 15658 or 15570 – Stems	
Notes	Fully adjustable knuckle. Brass will naturally patina over time.		Fully adjustable knuckle. Brass will naturally patina over time.	
Fixture Photometric (fc)*	Distance from Wall	0' .5" 1' 2' 3' 4' 5.5'	Distance from Wall	0' .5" 1' 2' 3' 4' 5.5'
	2"	47.00 39.40 16.20 1.30 0.25 0.22 0.19	2"	51.20 45.50 30.00 7.10 1.90 0.68 0.30
	4"	12.5 12 10.8 5.1 1.8 0.54 0.17	4"	12.9 12.9 11.8 7.9 4.2 1.6 0.7

*Values stated for 3000K. -10% for 2700K.

DESIGN PRO LED 12V IN-GROUND

Multi-application, easy to install design can be embedded in hardscaping materials or concrete and the durable construction is designed to hold up against the elements.

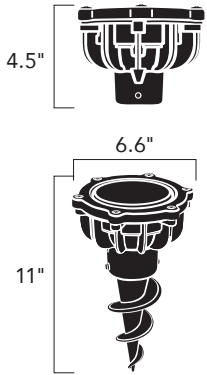


For use with a magnetic transformer, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not for use with 3rd party electronic transformers. Subjected to Highly Accelerated Life Testing – 3rd party reliability testing.

12V LED IN-GROUND

12V LED IN-GROUND

Line Drawings Apply To All
12V LED In-Ground



BBR



BBR



BBR

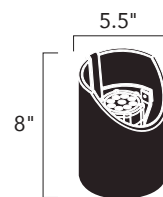
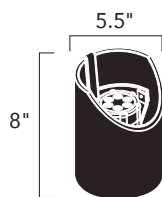
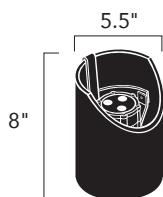
16030, 16031, 16032 BBR

16033, 16034, 16035 BBR

16036, 16037, 16038 BBR

Kelvin	2700K Warm White	3000K Pure White	2700K Warm White	3000K Pure White	2700K Warm White	3000K Pure White
Ordering Guide & Finish	16030 BBR27 – 10° 16031 BBR27 – 35° 16032 BBR27 – 60°	16030 BBR30 – 10° 16031 BBR30 – 35° 16032 BBR30 – 60°	16033 BBR27 – 10° 16034 BBR27 – 35° 16035 BBR27 – 60°	16033 BBR30 – 10° 16034 BBR30 – 35° 16035 BBR30 – 60°	16036 BBR27 – 10° 16037 BBR27 – 35° 16038 BBR27 – 60°	16036 BBR30 – 10° 16037 BBR30 – 35° 16038 BBR30 – 60°
Housing	Cast Brass					
Light Source	1 Integrated High Output Cree® LEDs, tightly binned for color uniformity, and constant current driver		5 Integrated High Output Cree® LEDs, tightly binned for color uniformity, and constant current driver		5 Integrated High Output Cree® LEDs, tightly binned for color uniformity, and constant current driver	
Watts/Lumens	Compares to Halogen 20W MR16		Compares to Halogen 35W MR16		Compares to Halogen 50W MR16	
Color Temp. (CCT) & CRI	2700K (-50/ +100) / 80s CRI 3000K (-45/+130) / 80s CRI		2700K (-50/ +100) / 80s CRI 3000K (-45/+130) / 80s CRI		2700K (-50/ +100) / 80s CRI 3000K (-45/+130) / 80s CRI	
Power Usage at 12V AC Input VA and Watts	4 W, 5.8 VA		6.5 W, 9.3 VA		14 W, 18.5 VA	
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology					
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours	
Delivered Lumens & Efficacy	2700K = 146 Lm 2700K = 37 Lm/W	3000K = 170 Lm 3000K = 43 Lm/W	2700K = 306 Lm 2700K = 47 Lm/W	3000K = 348 Lm/W 3000K = 54 Lm/W	2700K = 520 Lm 2700K = 37 Lm/W	2700K = 590 Lm 2700K = 42 Lm/W
Wiring	24" of usable #18-2, SPT-1W leads. Wire connectors supplied. Includes LVPC installed. See page 134.					
Mounting Access. (Included)	Anti-heaving, auger-style in-ground stake					
Optional Accessories	16501BBRP – Concrete Kit Drive-over and walk-over rated. Rated for a 4500lb car or truck Refer to page 132 for Rock Guard and Cowl options					
Notes	Aimable up to 15° on the vertical. Not for use with electronic transformers. IP 66 rated. Corrosion-free all brass construction that can be utilized in many types of commercial and residential applications. Brass will naturally patina over time. *Cree is a registered trademark of Cree, Inc.					

12V LED IN-GROUND



15767, 15768, 15769 BKT

15728, 15747, 15748 BKT

15729, 15757, 15758 BKT

Ordering Guide & Finish	15767 BKT – 10° Spot 15768 BKT – 35° Flood 15769 BKT – 60° Wide Flood	15728 BKT – 10° Spot 15747 BKT – 35° Flood 15748 BKT – 60° Wide Flood	15729 BKT – 10° Spot 15757 BKT – 35° Flood 15758 BKT – 60° Wide Flood
Housing	Cast aluminum fixture body with a heavy duty polypropylene sleeve and stainless steel gimble ring		
Light Source	3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	6 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	9 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver
Color Temp. (CCT) & CRI	3000K (-200/+125) / 80s CRI		
Power Usage	4.5 W, 7.5 VA Comparable to 20 W MR16	8.5 W, 12.2 VA Comparable to 35 W MR16	12.4 W, 16.7 VA Comparable to 50 W MR16
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		
Lumen Maint.	Tested to an L-70 of 40,000 hours		
Delivered Lumens & Efficacy	3000K = 150 Lm 3000K = 33 Lm/W	3000K = 310 Lm 3000K = 36 Lm/W	3000K = 460 Lm 3000K = 37 Lm/W
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		
Mounting Access. (Included)	N/A		
Optional Accessories	Snap on Cowls: 15701BKTP – Short 4.5W/8.5W, 15702BKTP – Short 12.4W , 15703BKTP – Long 4.5W/8.5W, 15704BKTP – Long 12.4W Rockguards/ Glare Shield: 15787BK – Fits all versions Custom Lenses: 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		
Notes	See photometrics on page 174. Not for use with electronic transformers. 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.		

A stone waterfall cascading down several levels of rocks at night. The water is illuminated from below, creating a warm, golden glow. The surrounding rocks and foliage are in shadow, with some blue light reflecting off the water's surface.

LED

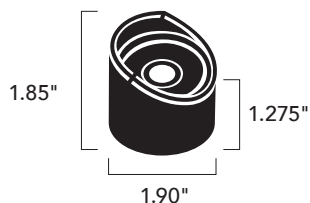
12V 2-IN-1 WATER/ACCENT

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

For use with a magnetic transformer, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not for use with 3rd party electronic transformers. Subjected to Highly Accelerated Life Testing – 3rd party reliability testing.

Shown: 15711SS – 3000K

2-IN-1 WATER ACCENT



15711 SS

Ordering Guide & Finish	15711SS27	15711SS	15711SS42
Housing	Stainless Steel housing with integrated cowl		
Light Source	1 Integrated High Output Nichia LED, tightly binned for color uniformity, and constant current driver		
Color Temp. (CCT) & CRI	2700K (-280/+0) / 80s CRI 3000K (-200/+125) / 80s CRI 4200K (-400/+400) / 80s CRI		
Optics	Custom Reflector Optic		
Power Usage at 12V AC Input VA and Watts	3.4 W, 4.9 VA		
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		
Lumen Maint.	Tested to an L-70 of 40,000 hours		
Delivered Lumens & Efficacy	2700K = 135 Lm 2700K = 40 Lm/W	3000K = 150 Lm 3000K = 44 Lm/W	4200K = 180 Lm 4200K = 53 Lm/W
Wiring	25ft of usable #18-2, SPT-2W leads		
Mounting Accessories	15776 BK – Multi-fixture weighted base. U.S. Patent Pending 15777 SS – Out-of-water bracket. U.S. Patent Pending 15778 BK – Single-fixture weighted base. U.S. Patent Pending		
Notes	Filled and sealed with two types of premium encapsulant to ensure fixture is completely watertight, 1/4-20 threaded mounting tap. Not for use with electronic transformers. Can also be used out of water as a mini accent light. Not recommended for use in salt water.		
Fixture Photometric (fc)*	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

*Values stated for 3000K. -10% for 2700K. +25% for 4200K.



15777 SS

Stainless steel easy mount bracket (fixture sold separately) 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 (sold separately) to give maximum flexibility and directional capability.



15778 BK

Heavy weight 1 prong underwater light (sold separately) accessory for standard installations. Provides advanced directional capability.

DESIGN PRO LED 12V PATH & SPREAD

Meet the new standard for path
and spread applications.

For use with a magnetic transformer, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not for use with 3rd party electronic transformers. Subjected to Highly Accelerated Life Testing – 3rd party reliability testing.

Shown: 15810AZT – 3000K

12V INTEGRATED LED PATH & SPREAD LIGHTS

- Integrated Modules are sealed to protect against moisture and all weather conditions.
- Design Pro LED delivers high lumen output and optimal energy efficiency.
- 9 to 15 Volt operating range nearly eliminates voltage drop.
- Durable construction – materials and craftsmanship designed to withstand the elements; backed by industry-leading 15-year warranty.

TWO MODULE OPTIONS PROVIDE THE PERFECT SOLUTION FOR YOUR HOME.

DOWNWARD MODULE

- Light diffusion is directional, not utilizing the path light head for light output. Allows for more design diversity. (Utilizes internal mixing chamber to achieve over 60 lm/w and superior spread to fixtures with LEDs pointing outwards or upwards.)
- Robust threads that provide thick engagement to shade and cannot be easily stripped or cross threaded
- Reduces glare at common viewing angles. Optional Louver is ideal when used on elevations.
- 3-Step LED binning ensures superior color quality and consistency
- Dark Sky compliant
- Deflector accessories offer versatility in increased beam spread width & glare control at fixture base

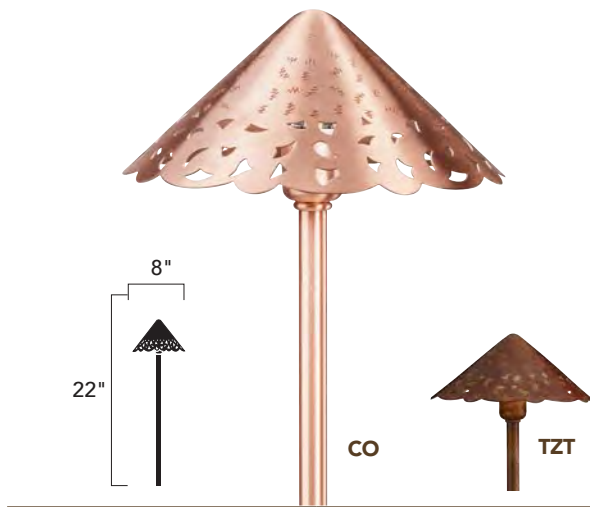


UPWARD MODULE

- Reflects light via path light dome to redirect light downward
- 3-Step LED binning ensures superior color quality and consistency
- Produces even 10' to 12' spread of light; controls glare
- Uplighting module creates unique lighting effects and subtle detail on new models

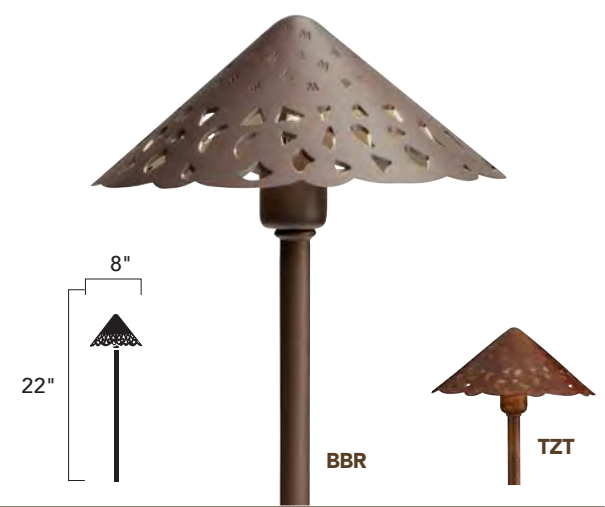


DECORATIVE HAMMERED ROOF



15843 CO, TZT

CAST HAMMERED ROOF



15871 BBR, TZT

Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White														
Ordering Guide & Finish	15843 CO27 15843 TZT27	15843 CO 15843 TZT	15871 BBR27 15871 TZT27	15871 BBR 15871 TZT														
Housing	Brass or Copper		Cast Aluminum, Cast Brass															
Light Source	3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver															
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI															
Power Usage at 12V AC Input VA and Watts	3.8 W, 4.95 VA		3.8 W, 4.95 VA															
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology															
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours															
Delivered Lumens & Efficacy	2700K = 168 Lm 2700K = 48 Lm/W	3000K = 182 Lm 3000K = 49 Lm/W	2700K = 168 Lm 2700K = 48 Lm/W	3000K = 182 Lm 3000K = 49 Lm/W														
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.															
Mounting Access. (Included)	8" slotted in-ground stake		8" slotted in-ground stake															
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket															
Incandescent	15443 – on page 101		15471 – on page 101															
Notes	Coordinates with matching LED deck light 15763 on page 53. Copper and brass will naturally patina over time.		Coordinates with matching LED deck light 15763 on page 53															
Fixture Photometric (fc)*	Distance from Light									Distance from Light								
	0'	1'	2'	3'	4'	5'	6'	7'	8'	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	10.9	5.8	2.3	1.0	0.43	0.25	0.13	0.06	0.01	10.9	5.8	2.3	1.0	0.43	0.25	0.13	0.06	0.01

*Values stated for 3000K. -10% for 2700K.

FUNDAMENTALS™



15839 CO, Tzt

FUNDAMENTALS™

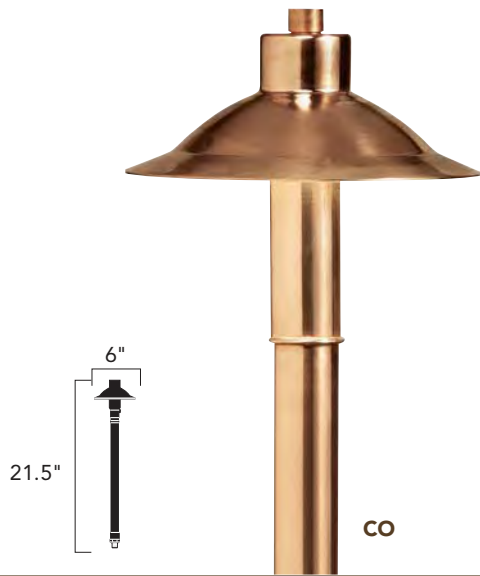


16120 AZT, BKT, BBR

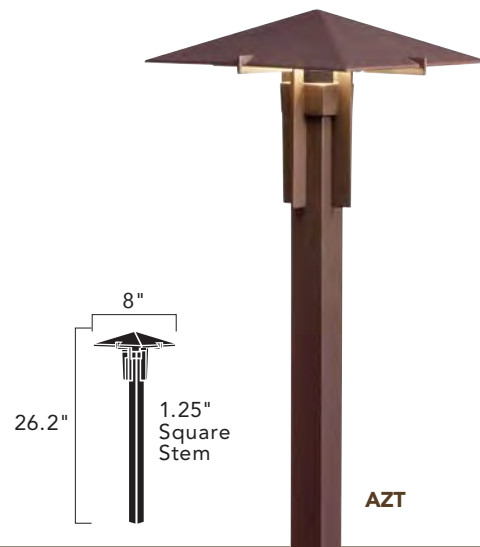
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White																
Ordering Guide & Finish	15839 CO27R 15839 Tzt27R	15839 CO30R 15839 Tzt30R	16120 AZT27 16120 BKT27 16120 BBR27	16120 AZT30 16120 BKT30 16120 BBR30																
Housing	Brass or Copper		Cast Aluminum, Cast Brass																	
Light Source	8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver																	
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI																	
Power Usage at 12V AC Input VA and Watts	4.3 W, 5.8 VA		4.3 W, 5.8 VA																	
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology																	
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours																	
Delivered Lumens & Efficacy	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W																
Wiring	55" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																	
Mounting Access. (Included)	8" slotted in-ground stake Black/White Deflector		8" slotted in-ground stake Black/White Deflector																	
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket FM127265 – Hexcell Louver		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket FM127265 – Hexcell Louver																	
Incandescent	15439 – on page 111		N/A																	
Notes	Coordinates with matching LED deck light 16110 on page 55. Copper and brass will naturally patina over time.		Coordinates with matching LED deck light 16110 on page 55																	
Fixture Photometric (fc)*	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
	Footcandles	62.50	27.50	5.60	1.40	0.42	0.18	0.10	0.06	0.05	Footcandles	62.50	27.50	5.60	1.40	0.42	0.18	0.10	0.06	0.05
	W/Black Deflector	30.80	19.10	4.80	1.30	0.40	0.18	0.10	0.06	0.05	W/Black Deflector	30.80	19.10	4.80	1.30	0.40	0.18	0.10	0.06	0.05
W/White Deflector	35.40	25.20	5.60	1.60	0.60	0.27	0.15	0.11	0.10	W/White Deflector	35.40	25.20	5.60	1.60	0.60	0.27	0.15	0.11	0.10	

*Values stated for 3000K. -10% for 2700K.

COPPER HAT



FORGED



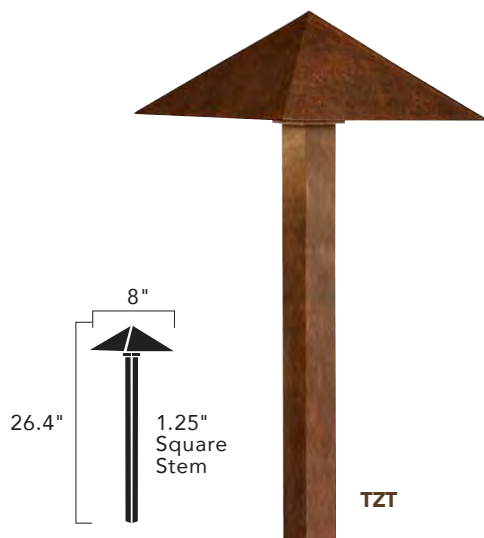
15850 CO

15803 AZT

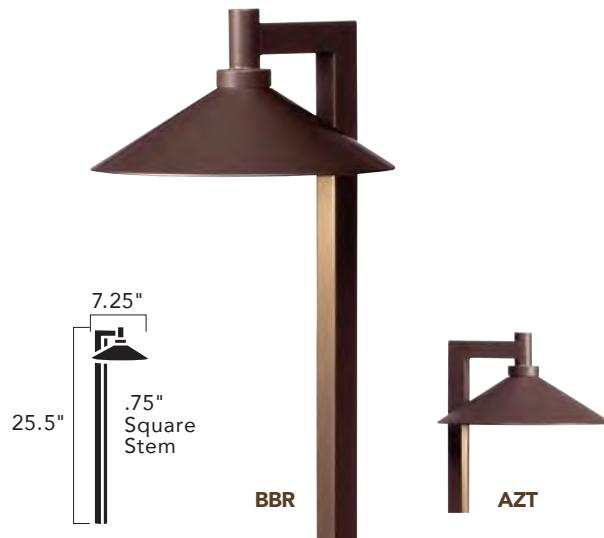
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White																	
Ordering Guide & Finish	15850 CO27R	15850 CO30R	15803 AZT27R	15803 AZT30R																	
Housing	Copper (copper will naturally patina over time)		Cast Aluminum																		
Light Source	8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver																		
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI																		
Power Usage at 12V AC Input VA and Watts	4.3 W, 5.8 VA		3.8 W, 4.95 VA																		
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology																		
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours																		
Delivered Lumens & Efficacy	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W	2700K = 168 Lm 2700K = 46 Lm/W	3000K = 182 Lm 3000K = 49 Lm/W																	
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		24" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																		
Mounting Access. (Included)	8" slotted in-ground stake Black/White Deflector		8" slotted in-ground stake																		
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket FM127265 – Hexcell Louver		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																		
Incandescent	15350 – on page 104		N/A																		
Notes	Will develop a natural verdigris over time. Copper and brass will naturally patina over time.		N/A																		
Fixture Photometric (fc)*	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	
	Footcandles	62.50	27.50	5.60	1.40	0.42	0.18	0.10	0.06	0.05	Footcandles	6.80	5.80	2.50	0.83	0.17	0.04	0.02	0.01	0.01	
	W/Black Deflector	30.80	19.10	4.80	1.30	0.40	0.18	0.10	0.06	0.05											
	W/White Deflector	35.40	25.20	5.60	1.60	0.60	0.27	0.15	0.11	0.10											

*Values stated for 3000K. -10% for 2700K.

PYRAMID



RIPLEY™



15802 TZT

15800 AZT, BBR

Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White
Ordering Guide & Finish	15802 TZT27R	15802 TZT30R	15800 AZT27R 15800 BBR27R	15800 AZT30R 15800 BBR3027R
Housing	Cast Aluminum		Cast Aluminum, Cast Brass	
Light Source	3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI	
Power Usage at 12V AC Input VA and Watts	3.8 W, 4.95 VA		4.3 W, 5.8 VA	
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology	
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours	
Delivered Lumens & Efficacy	2700K = 168 Lm 2700K = 46 Lm/W	3000K = 182 Lm 3000K = 49 Lm/W	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		24" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	
Mounting Access. (Included)	8" slotted in-ground stake		8" slotted in-ground stake	
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	
Incandescent	N/A		N/A	
Notes	N/A		Inspired by the popular Kichler® Ripley™ outdoor lantern. Brass will naturally patina over time.	
Fixture Photometric (fc)*	Distance from Light	0' 1' 2' 3' 4' 5' 6' 7' 8'	Distance from Light	0' 1' 2' 3' 4' 5' 6' 7' 8'
	Footcandles	7.10 5.40 2.40 1.00 0.44 0.23 0.14 0.08 0.08	Footcandles	61.90 53.50 11.96 2.47 1.04 0.33 0.22 0.10 0.08

*Values stated for 3000K. -10% for 2700K.

BROAD ROOF



15833 AZT

TAPERED COLUMN



15804 AZT

Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White														
Ordering Guide & Finish	15833 AZT27R	15833 ATZ30R	15804 AZT27R	15804 AZT30R														
Housing	Cast Aluminum with cast bottom driver compartment		Cast Aluminum with cast bottom driver compartment															
Light Source	3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		6 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver															
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI															
Power Usage at 12V AC Input VA and Watts	4 W, 5.8 VA		1 W, 1.7 VA															
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology															
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours															
Delivered Lumens & Efficacy	2700K = 126 Lm 2700K = 31 Lm/W	3000K = 140 Lm 3000K = 35 Lm/W	2700K = 126 Lm 2700K = 31 Lm/W	3000K = 140 Lm 3000K = 35 Lm/W														
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.															
Mounting Access. (Included)	8" slotted in-ground stake		8" slotted in-ground stake															
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket															
Incandescent	N/A		N/A															
Fixture Photometric (fc)*	Distance from Light								Distance from Light									
	0'	1'	2'	3'	4'	5'	6'	7'	8'	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	13.5	3.7	0.8	0.3	0.2	0.1	-	-	-	7.2	3.5	1.4	0.8	0.5	0.3	-	-	-

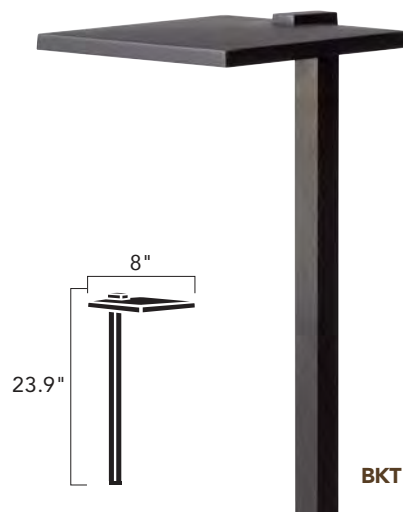
*Values stated for 3000K. -10% for 2700K.

SHALLOW SHADE – SMALL



15805 BKT

SHALLOW SHADE – LARGE



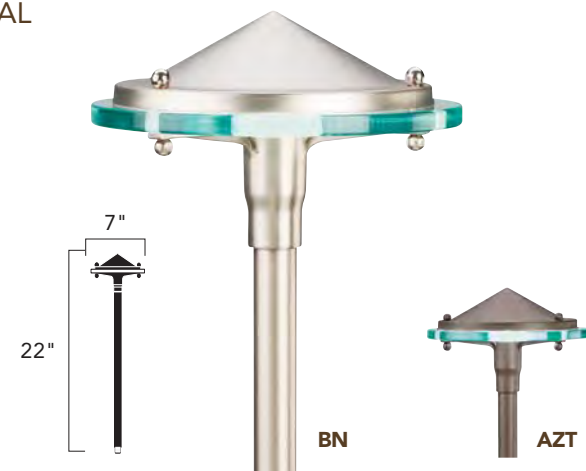
15806 BKT

	15805 BKT		15806 BKT							
Kelvin	2700K – Warm White		3000K – Pure White							
Ordering Guide & Finish	15805 BKT27R		15805 BKT30R							
Housing	Cast Aluminum with cast bottom driver compartment									
Light Source	3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver									
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI							
Power Usage at 12V AC Input VA and Watts	4 W, 5.8 VA		4 W, 5.8 VA							
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology									
Lumen Maint.	Tested to an L-70 of 40,000 hours									
Delivered Lumens & Efficacy	2700K = 126 Lm 2700K = 31 Lm/W		3000K = 140 Lm 3000K = 35 Lm/W							
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.									
Mounting Access. (Included)	8" slotted in-ground stake									
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket							
Incandescent	N/A									
Fixture Photometric (fc)*	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	-
Fixture Photometric (fc)*	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	-

*Values stated for 3000K. -10% for 2700K.

12V LED PATH & SPREAD

GLASS & METAL



15817 AZT, BN

SIDE MOUNT



15815 AZT, BKT

Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White														
Ordering Guide & Finish	15817 AZT27R 15817 BN27R	15817 AZT30R 15817 BN30R	15815 AZT27R 15815 BKT27R	15815 AZT30R 15815 BKT30R														
Housing	Aluminum (AZT) or Brass (BN) with glass diffuser		Cast Aluminum															
Light Source	8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver															
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI															
Power Usage at 12V AC Input VA and Watts	4.3 W, 5.8 VA		4.3 W, 5.8 VA															
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology															
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours															
Delivered Lumens & Efficacy	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm/W 3000K = 73 Lm/W														
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		52" of usable #18-2, SPT-1-W leads. Cable connectors supplied.															
Mounting Access. (Included)	8" slotted in-ground stake		8" slotted in-ground stake															
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket FM127265 – Hexcell Louver		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket															
Optional Lens Accessories	N/A		15695 CLR – Sprinkler Shield															
Incandescent	15317 – on page 109		15315 – on page 112															
Notes	N/A		Side mount design for more directional lighting, without glare. Coordinates with matching LED deck light 15765 on page 54.															
Fixture Photometric (fc)*	Distance from Light									Distance from Light								
	0'	1'	2'	3'	4'	5'	6'	7'	8'	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	36.20	20.00	5.10	1.20	0.30	0.17	0.08	0.05	0.03	92.00	27.00	5.20	1.20	0.30	0.16	0.08	0.05	0.04

*Values stated for 3000K. -10% for 2700K.

SIDE MOUNT CAST BRASS



BBR

15827 BBR

CENTER MOUNT



BKT

AZT

15826 AZT, BKT

	15827 BBR		15826 AZT, BKT	
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White
Ordering Guide & Finish	15827 BBR27R	15827 BBR30R	15826 AZT27R 15826 BKT27R	15826 AZT30R 15826 BKT30R
Housing	Cast Brass		Cast Aluminum	
Light Source	8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI	
Power Usage at 12V AC Input VA and Watts	4.3 W, 5.8 VA		4.3 W, 5.8 VA	
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology	
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours	
Delivered Lumens & Efficacy	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm/W 3000K = 73 Lm/W	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W
Wiring	53" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		50" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	
Mounting Access. (Included)	8" slotted in-ground stake		8" slotted in-ground stake Black/White Deflector	
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket FM127265 – Hexcell Louver	
Optional Lens Accessories	15677 CLR – Sprinkler Shield		N/A	
Incandescent	N/A		15326 – on page 113	
Notes	Coordinates with matching LED deck light 15765 on page 54		Coordinates with matching LED deck light 15765 on page 54	
Fixture Photometric (fc)*	Distance from Light	0' 1' 2' 3' 4' 5' 6' 7' 8'	Distance from Light	0' 1' 2' 3' 4' 5' 6' 7' 8'
	Footcandles	92.00 27.00 5.20 1.20 0.30 0.16 0.08 0.05 0.04	Footcandles	66.50 30.30 6.20 1.40 0.45 0.17 0.10 0.06 0.05
	W/Black Deflector	30.30 21.10 5.30 1.50 0.50 0.19 0.10 0.05 0.04	W/White Deflector	35.00 23.50 5.30 1.60 0.50 0.25 0.14 0.10 0.09

*Values stated for 3000K. -10% for 2700K.

6" DOME



15870 AZT, BBR, BKT

8" DOME



15810 AZT, BBR, BKT

	15870 AZT, BBR, BKT		15810 AZT, BBR, BKT																	
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White																
Ordering Guide & Finish	15870 AZT27R 15870 BBR27R 15870 BKT27R	15870 AZT30R 15870 BBR30R 15870 BKT30R	15810 AZT27R 15810 BBR27R 15810 BKT27R	15810 AZT30R 15810 BBR30R 15810 BKT30R																
Housing	Cast Aluminum, Cast Brass		Cast Aluminum, Cast Brass																	
Light Source	8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver																	
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI																	
Power Usage at 12V AC Input VA and Watts	4.3 W, 5.8 VA		4.3 W, 5.8 VA																	
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology																	
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours																	
Delivered Lumens & Efficacy	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W																
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																	
Mounting Access. (Included)	8" slotted in-ground stake Black/White Deflector		8" slotted in-ground stake Black/White Deflector																	
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket FM127265 – Hexcell Louver		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket FM127265 – Hexcell Louver																	
Incandescent	15470 – on page 116		15310 – on page 115																	
Notes	Coordinates with our 15810 & 15811 LED Domed Roof series		Coordinates with the 15811 and 15870 path and spread fixtures																	
Fixture Photometric (fc)*	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
	Footcandles	66.50	30.30	6.20	1.40	0.45	0.17	0.10	0.06	0.05	Footcandles	66.50	30.30	6.20	1.40	0.45	0.17	0.10	0.06	0.05
	W/Black Deflector	30.30	21.10	5.30	1.50	0.50	0.19	0.10	0.05	0.04	W/Black Deflector	30.30	21.10	5.30	1.50	0.50	0.19	0.10	0.05	0.04
	W/White Deflector	35.00	23.50	5.30	1.60	0.50	0.25	0.14	0.10	0.09	W/White Deflector	35.00	23.50	5.30	1.60	0.50	0.25	0.14	0.10	0.09

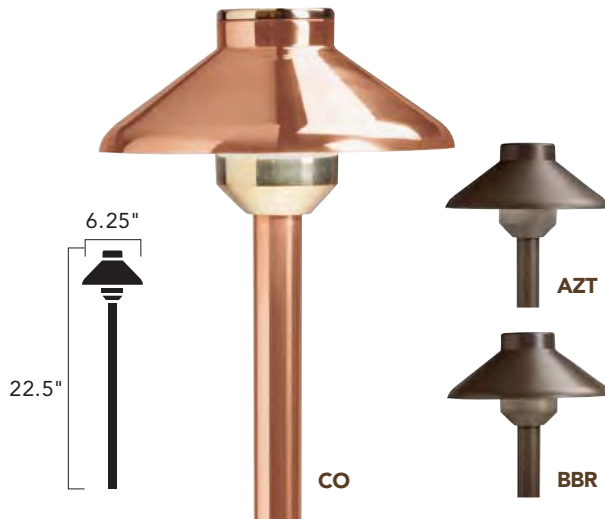
*Values stated for 3000K. -10% for 2700K.

8" DOME – SHORT STEM



15811 AZT

LLENA™



15820 AZT, BBR, CO

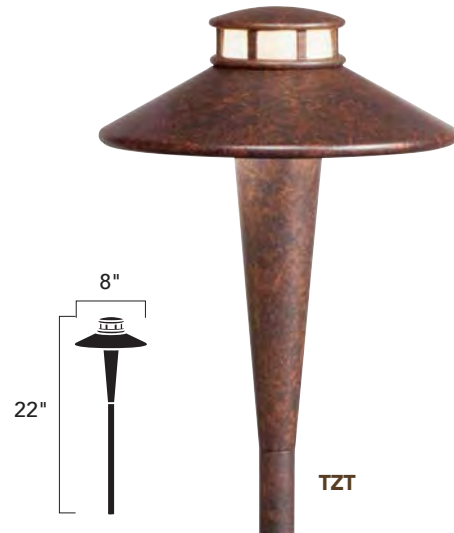
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White						
Ordering Guide & Finish	15811 AZT27R	15811 AZT30R	15820 AZT27 15820 BBR27 15820 CO27	15820 AZT30 15820 BBR30 15820 CO30						
Housing	Cast Aluminum		Cast Aluminum, Cast Brass, Copper (with Natural Brass Accents)							
Light Source	8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver							
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI							
Power Usage at 12V AC Input VA and Watts	4.3 W, 5.8 VA		3.8 W, 4.95 VA							
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology							
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours							
Delivered Lumens & Efficacy	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W	2700K = 168 Lm 2700K = 46 Lm/W	3000K = 182 Lm 3000K = 49 Lm/W						
Wiring	36" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		20" of usable #18-2, SPT-1-W leads. Cable connectors supplied.							
Mounting Access. (Included)	8" slotted in-ground stake Black/White Deflector		8" slotted in-ground stake							
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket FM127265 – Hexcell Louver		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket							
Incandescent	15410 – on page 116		N/A							
Notes	A shorter version of our LED 15810 design		Coordinates with 15821. Copper will naturally patina over time.							
Fixture Photometric (fc)*	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
	Footcandles	105.00	29.00	3.80	0.72	0.20	0.09	0.05	0.03	0.03
	W/Black Deflector	54.50	23.20	3.40	0.76	0.23	0.10	0.05	0.03	0.03
	W/White Deflector	66.30	24.80	4.40	1.00	0.35	0.13	0.10	0.06	0.06

*Values stated for 3000K. -10% for 2700K.

LLENITA™



TIKI



15821 AZT, BBR, BKT

15801 TZT

Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White														
Ordering Guide & Finish	15821 AZT27 15821 BBR27 15821 BKT27	15821 AZT30 15821 BBR30 15821 BKT30	15801 TZT27R	15801 TZT30R														
Housing	Cast Aluminum, Cast Brass, Copper (with Natural Brass Accents)		Cast Aluminum															
Light Source	3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver															
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI															
Power Usage at 12V AC Input VA and Watts	3.8 W, 4.95 VA		3.8 W, 4.95 VA															
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology															
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours															
Delivered Lumens & Efficacy	2700K = 168 Lm 2700K = 46 Lm/W	3000K = 182 Lm 3000K = 49 Lm/W	2700K = 168 Lm 2700K = 48 Lm/W	3000K = 182 Lm 3000K = 49 Lm/W														
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		24" of usable #18-2, SPT-1-W leads. Cable connectors supplied.															
Mounting Access. (Included)	8" slotted in-ground stake		8" slotted in-ground stake															
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket															
Incandescent	N/A		N/A															
Notes	Copper will naturally patina over time		N/A															
Fixture Photometric (fc)*	Distance from Light								Distance from Light									
	0'	1'	2'	3'	4'	5'	6'	7'	8'	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	20.70	6.60	1.00	0.28	0.10	0.06	0.01	-	-	5.03	2.80	1.00	0.33	0.13	0.09	0.07	0.04	0.03

*Values stated for 3000K. -10% for 2700K.

FOUR CORNERS



16121 AZT, BKT, Tzt

OVERLAY

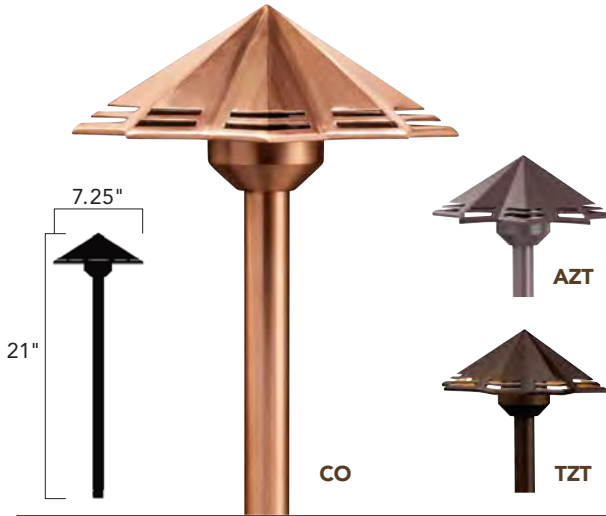


16122 AZT

Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White																		
Ordering Guide & Finish	16121 AZT27 16121 BKT27 16121 Tzt27	16121 AZT30 16121 BKT30 16121 Tzt30	16122 AZT27	16122 AZT30																		
Housing	Cast Aluminum		Aluminum																			
Light Source	8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver																			
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI																			
Power Usage at 12V AC Input VA and Watts	4.3 W, 5.8 VA		3.8 W, 4.95 VA																			
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology																			
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours																			
Delivered Lumens & Efficacy	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W	2700K = 168 Lm 2700K = 46 Lm/W	3000K = 182 Lm 3000K = 46 Lm/W																		
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																			
Mounting Access. (Included)	8" slotted in-ground stake Black/White Deflector		8" slotted in-ground stake																			
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket FM127265 – Hexcell Louver		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																			
Incandescent	N/A		N/A																			
Notes	Coordinating deck light on page 55		Coordinating deck light on page 56																			
Fixture Photometric (fc)*	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'		
	Footcandles	74.40	27.00	5.20	1.20	0.30	0.16	0.08	0.05	0.04	Footcandles	12.00	7.00	1.90	0.30	0.06	0.02	0.01	0.01	0.01	0.00	
	W/Black Deflector	36.00	21.90	4.50	1.10	0.34	0.16	0.08	0.05	0.04												
	W/White Deflector	40.50	21.50	5.00	1.30	0.50	0.26	0.15	0.11	0.10												

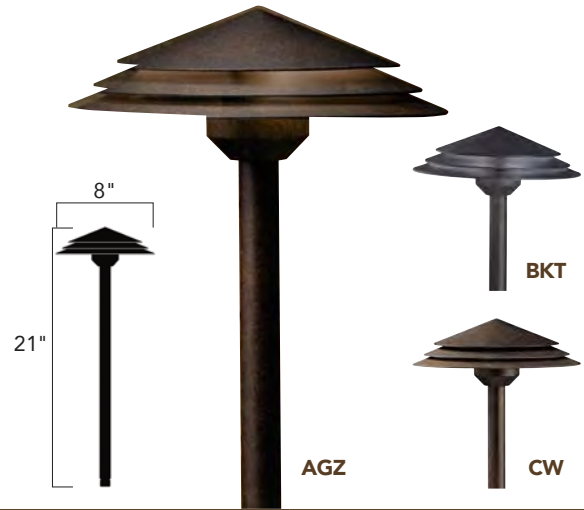
*Values stated for 3000K. -10% for 2700K.

PERFORATED



16123 AZT, CO, TZT

ROUND TIERED



16124 AGZ, BKT, CW

	16123 AZT, CO, TZT		16124 AGZ, BKT, CW															
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White														
Ordering Guide & Finish	16123 AZT27 16123 CO27 16123 TZT27	16123 AZT30 16123 CO30 16123 TZT30	16124 AGZ27 16124 BKT27 16124 CW27	16124 AGZ30 16124 BKT30 16124 CW30														
Housing	Aluminum, Copper		Aluminum															
Light Source	3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver															
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI															
Power Usage at 12V AC Input VA and Watts	3.8 W, 4.95 VA		3.8 W, 4.95 VA															
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology															
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours															
Delivered Lumens & Efficacy	2700K = 168 Lm 2700K = 46 Lm/W	3000K = 182 Lm 3000K = 46 Lm/W	2700K = 168 Lm 2700K = 46 Lm/W	3000K = 182 Lm 3000K = 46 Lm/W														
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.															
Mounting Access. (Included)	8" slotted in-ground stake		8" slotted in-ground stake															
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket															
Incandescent	N/A		N/A															
Notes	Copper will naturally patina over time. Coordinating deck light on page 56.		N/A															
Fixture Photometric (fc)*	Distance from Light									Distance from Light								
	0'	1'	2'	3'	4'	5'	6'	7'	8'	0'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	10.00	6.60	1.90	0.30	0.10	0.04	0.02	0.01	0.01	7.40	4.30	1.20	0.21	0.16	0.14	0.07	0.03	0.03

*Values stated for 3000K. -10% for 2700K.

FLARE



16125 AZT, BBR, CO

PETAL



16126 AZT

	16125 AZT, BBR, CO		16126 AZT																	
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White																
Ordering Guide & Finish	16125 AZT27 16125 BBR27 16125 CO27	16125 AZT30 16125 BBR30 16125 CO30	16126 AZT27	16126 AZT30																
Housing	Cast Aluminum, Cast Brass, Copper		Aluminum																	
Light Source	8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver																	
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI																	
Power Usage at 12V AC Input VA and Watts	4.3 W, 5.8 VA		3.8 W, 4.95 VA																	
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology																	
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours																	
Delivered Lumens & Efficacy	2700K = 168 Lm 2700K = 46 Lm/W	3000K = 182 Lm 3000K = 46 Lm/W	2700K = 168 Lm 2700K = 46 Lm/W	3000K = 182 Lm 3000K = 46 Lm/W																
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																	
Mounting Access. (Included)	8" slotted in-ground stake Black/White Deflector		8" slotted in-ground stake																	
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket FM127265 – Hexcell Louver		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																	
Incandescent	N/A		N/A																	
Notes	Copper will naturally patina over time		N/A																	
Fixture Photometric (fc)*	Distance from Light										Distance from Light									
	0'	1'	2'	3'	4'	5'	6'	7'	8'	0'	1'	2'	3'	4'	5'	6'	7'	8'		
	Footcandles	66.50	30.30	6.20	1.40	0.45	0.17	0.10	0.06	0.05	Footcandles	12.00	6.00	1.60	0.40	0.16	0.05	0.02	0.02	0.01
W/Black/White Deflector	30.30	21.10	5.30	1.50	0.50	0.19	0.10	0.05	0.04											
W/White Deflector	35.00	23.50	5.30	1.60	0.50	0.25	0.14	0.10	0.09											

*Values stated for 3000K. -10% for 2700K.

PIERCED DOME



SHEPHERD'S CROOK



15857 AZT

15807 AZT, BBR

Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White
Ordering Guide & Finish	15857 AZT27R	15857 AZT30R	15807 AZT27R 15807 BBR27R	15807 AZT30R 15807 BBR30R
Housing	Cast Aluminum		Cast Aluminum, Brass	
Light Source	3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	
Color Temp. (CCT) & CRI	2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI		2700K (-54/+89) / 80s CRI 3000K (-52/+122) / 80s CRI	
Power Usage at 12V AC Input VA and Watts	3.8 W, 4.95 VA		4.3 W, 5.8 VA	
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology	
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours	
Delivered Lumens & Efficacy	2700K = 168 Lm 2700K = 46 Lm/W	3000K = 182 Lm 3000K = 49 Lm/W	2700K = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		24" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	
Mounting Access. (Included)	8" slotted in-ground stake		8" slotted in-ground stake	
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	
Incandescent	15457 – on page 99		N/A	
Notes	N/A		Brass will naturally patina over time	
Fixture Photometric (fc)*	Distance from Light	0' 1' 2' 3' 4' 5' 6' 7' 8'	Distance from Light	0' 1' 2' 3' 4' 5' 6' 7' 8'
	Footcandles	7.50 3.80 1.30 0.30 0.15 0.02 0.01 0.00 0.00	Footcandles	61.90 53.50 11.96 2.47 1.04 0.33 0.22 0.10 0.08

*Values stated for 3000K. -10% for 2700K.



Shown: 15810AZT - 3000K

LOUVERED BOLLARD



16130 AZT, BKT

TEE BOLLARD



16131 AZT, BKT

Kelvin	2800K Warm White/Pure White	2800K Warm White/Pure White
Ordering Guide & Finish	16130AZT28 16130BKT28	16131AZT28 16131BKT28
Housing	Cast Aluminum with Weathered White Glass	Cast Aluminum with Weathered White Glass
Light Source	3 Omni-Directional Integrated High Output Nichia® LEDs, tightly binned for color uniformity utilizing remote phosphor technology, and constant current driver	3 Omni-Directional Integrated High Output Nichia® LEDs, tightly binned for color uniformity utilizing remote phosphor technology, and constant current driver
Color Temp. (CCT) & CRI	2800 (-35/+61)/CRI 80s	2800K (-35/+61)/CRI 80s
Power Usage at 12V AC Input VA and Watts	3.5W, 5.67VA	3.5W, 5.67VA
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology	9V-15V AC/DC with no loss in output due to constant current technology
Lumen Maint.	Tested to an L-70 of 40,000 hours	Tested to an L-70 of 40,000 hours
Delivered Lumens & Efficacy	2800K = 224Lm 2800K = 64Lm/W	2800K = 224Lm 2800K = 64Lm/W
Wiring	20" of usable #18-2, SPT-2-W leads. Cable connectors supplied.	20" of usable #18-2, SPT-2-W leads. Cable connectors supplied.
Required Installation Accessories*	15671ST – Bollard Template Kit 15578BK – Bollard Mounting Stake	15671ST – Bollard Template Kit 15578BK – Bollard Mounting Stake
Fixture Photometric (fc)**	Distance from Light	Distance from Light
	Footcandles	Footcandles

* Customer required to purchase one for installation.

** Values stated for 2800K.

SIDE THROW BOLLARD



16132 AZT, BKT

MISSION BOLLARD



16133 AZT, BKT

Kelvin	2800K Warm White/Pure White	2800K Warm White/Pure White
Ordering Guide & Finish	16132AZT28 16132BKT28	16133AZT28 16133BKT28
Housing	Cast Aluminum with Weathered White Glass	Cast Aluminum with Weathered White Glass
Light Source	3 Omni-Directional Integrated High Output Nichia® LEDs, tightly binned for color uniformity utilizing remote phosphor technology, and constant current driver	3 Omni-Directional Integrated High Output Nichia® LEDs, tightly binned for color uniformity utilizing remote phosphor technology, and constant current driver
Color Temp. (CCT) & CRI	2800 (-35/+61)/CRI 80s	2800K (-35/+61)/CRI 80s
Power Usage at 12V AC Input VA and Watts	3.5W, 5.67VA	3.5W, 5.67VA
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology	9V-15V AC/DC with no loss in output due to constant current technology
Lumen Maint.	Tested to an L-70 of 40,000 hours	Tested to an L-70 of 40,000 hours
Delivered Lumens & Efficacy	2800K = 224Lm 2800K = 64Lm/W	2800K = 224Lm 2800K = 64Lm/W
Wiring	20" of usable #18-2, SPT-2-W leads. Cable connectors supplied.	20" of usable #18-2, SPT-2-W leads. Cable connectors supplied.
Required Installation Accessories*	15671ST – Bollard Template Kit 15578BK – Bollard Mounting Stake	15671ST – Bollard Template Kit 15578BK – Bollard Mounting Stake
Fixture Photometric (fc)**	Distance from Light	0' 1' 2' 3' 4' 5' 6' 7' 8'
	Footcandles	0.07 0.68 0.70 0.55 0.37 0.25 0.16 0.11 0.08
Fixture Photometric (fc)**	Distance from Light	0' 1' 2' 3' 4' 5' 6' 7' 8'
	Footcandles	0.06 0.50 0.50 0.33 0.21 0.15 0.09 0.06 0.04

* Customer required to purchase one for installation.

** Values stated for 2800K.

DESIGN PRO LED

12V DECK & PATIO

Guide and gather beneath the beauty of LED.

For use with a magnetic transformer, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not for use with 3rd party electronic transformers. Subjected to Highly Accelerated Life Testing – 3rd party reliability testing.



LED DECK & STEP MODULE

- Fully potted/water proof design adds durability
- More efficient wire management, easier installation
- Diffused lens evens out light distribution and cuts glare, improved light output, better color control
- 9-15V operating range
- New smaller footprint designs provide better fit / more variety of designs

VINTAGE PARK™



TZT

15750 Tzt

DECORATIVE HAMMERED ROOF



TZT

15763 Tzt

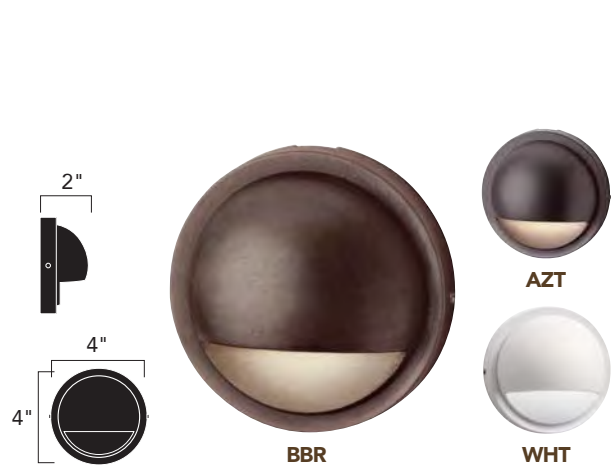
	15750 Tzt		15763 Tzt													
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White												
Ordering Guide & Finish	15750 Tzt27R	15750 Tzt30R	15763 Tzt27R	15763 Tzt30R												
Housing	Cast Aluminum		Brass													
Light Source	1 Integrated High Output Cree® LED, tightly binned for color uniformity, and constant current driver		1 Integrated High Output Cree® LED, tightly binned for color uniformity, and constant current driver													
Color Temp. (CCT) & CRI	2700K (-50/+100) / 80s CRI 3000K (-45/+130) / 80s CRI		2700K (-50/+100) / 80s CRI 3000K (-45/+130) / 80s CRI													
Power Usage at 12V AC Input VA and Watts	.86 W, 1.86 VA		.86 W, 1.86 VA													
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology													
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours													
Delivered Lumens & Efficacy	2700K = 43 Lm 2700K = 51 Lm/W	3000K = 41 Lm 3000K = 50 Lm/W	2700K = 43 Lm 2700K = 51 Lm/W	3000K = 41 Lm 3000K = 50 Lm/W												
Wiring	72" of usable #18-2, SPT-1-W leads. Cable Connectors supplied.		72" of usable #18-2, SPT-1-W leads. Cable Connectors supplied.													
Mounting Access. (Included)	Stainless steel mounting bracket and hardware		Stainless steel mounting bracket and hardware													
Notes	*Cree is a registered trademark of Cree, Inc.		Coordinates with matching LED path light 15871 and 15843 on page 34. *Cree is a registered trademark of Cree, Inc.													
Fixture Photometric (fc)*	Mounting Light	0'	.5'	1'	2'	3'	4'	5'	Mounting Light	0'	.5'	1'	2'	3'	4'	5'
	6"	76.50	20.00	3.00	0.20	0.06	0.05	0.03	6"	76.50	20.00	3.00	0.20	0.06	0.05	0.03
	12"	13.00	10.63	4.80	1.10	0.20	0.08	0.05	12"	13.00	10.63	4.80	1.10	0.20	0.08	0.05
	30"	3.20	3.40	2.60	1.20	0.52	0.24	0.12	30"	3.20	3.40	2.60	1.20	0.52	0.24	0.12

*Values stated for 3000K. -10% for 2700K.

MINI DECK LIGHT



HALF MOON



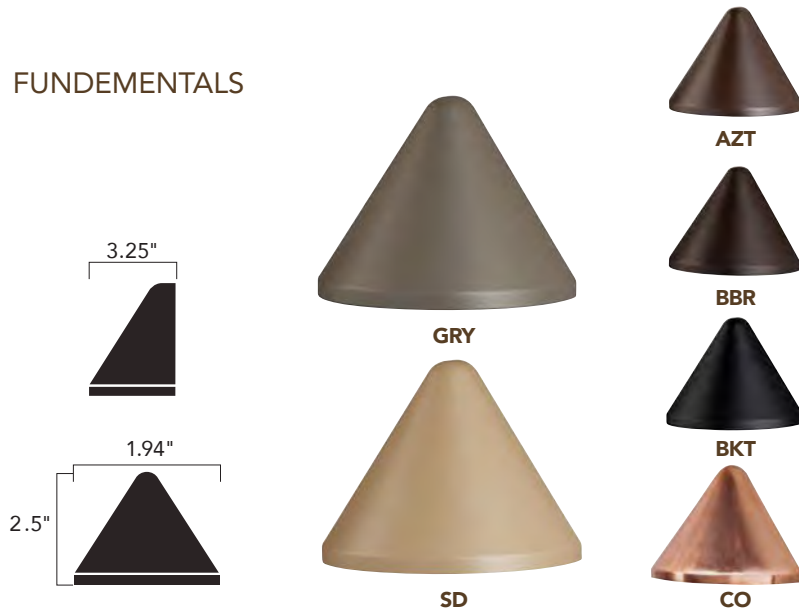
15765 AZT, BBR, BKT, WHT

15764 AZT, BBR, WHT

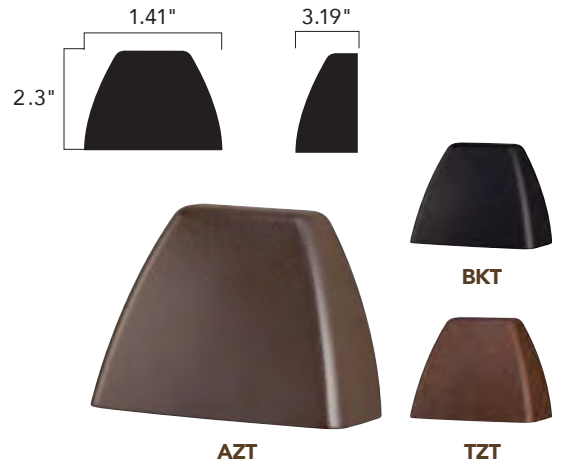
Kelvin	2700K – Warm White		3000K – Pure White		2700K – Warm White		3000K – Pure White	
Ordering Guide & Finish	15765 AZT27R 15765 BBR27R 15765 BKT27R 15765 WHT27R		15765 AZT30R 15765 BBR30R 15765 BKT30R 15765 WHT30R		15764 AZT27R 15764 BBR27R 15764 WHT27R		15764 AZT30R 15764 BBR30R 15764 WHT30R	
Housing	Cast Aluminum or Cast Brass				Aluminum or Cast Brass with satin-etched lens			
Light Source	1 Integrated High Output Cree® LEDs, tightly binned for color uniformity, and constant current driver				1 Integrated High Output Cree® LED, tightly binned for color uniformity, and constant current driver			
Color Temp. (CCT) & CRI	2700K (-50/+100) / 80s CRI 3000K (-45/+130) / 80s CRI				2700K (-50/+100) / 80s CRI 3000K (-45/+130) / 80s CRI			
Power Usage at 12V AC Input VA and Watts	.86 W, 1.86 VA				.86 W, 1.86 VA			
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology				9V-15V AC/DC with no loss in output due to constant current technology			
Lumen Maint.	Tested to an L-70 of 40,000 hours				Tested to an L-70 of 40,000 hours			
Delivered Lumens & Efficacy	2700K = 43 Lm 2700K = 51 Lm/W		3000K = 41 Lm 3000K = 50 Lm/W		2700K = 43 Lm 2700K = 51 Lm/W		3000K = 41 Lm 3000K = 50 Lm/W	
Wiring	72" of usable #18-2, SPT-1-W leads. Cable Connectors supplied. WHT has coordinating white leads.				72" of usable #18-2, SPT-1-W leads. Cable Connectors supplied. WHT has coordinating white leads.			
Mounting Access. (Included)	Stainless steel mounting bracket and hardware				Stainless steel mounting bracket and hardware			
Notes	Versatile mini size. Brass will naturally patina over time. *Cree is a registered trademark of Cree, Inc.				Brass will naturally patina over time. *Cree is a registered trademark of Cree, Inc.			
Fixture Photometric (fc)*	Mounting Light	0'	.5'	1'	2'	3'	4'	5'
	6"	76.50	20.00	3.00	0.20	0.06	0.05	0.03
	12"	13.00	10.63	4.80	1.10	0.20	0.08	0.05
	30"	3.20	3.40	2.60	1.20	0.52	0.24	0.12
	Mounting Light	0'	.5'	1'	2'	3'	4'	5'
6"	29.70	14.80	1.60	0.07	0.05	0.01	0.00	
12"	8.30	6.40	2.60	0.45	0.08	0.02	0.01	
30"	2.10	2.05	1.55	0.50	0.30	0.11	0.09	

*Values stated for 3000K. -10% for 2700K.

FUNDEMENTALS



FOUR CORNERS



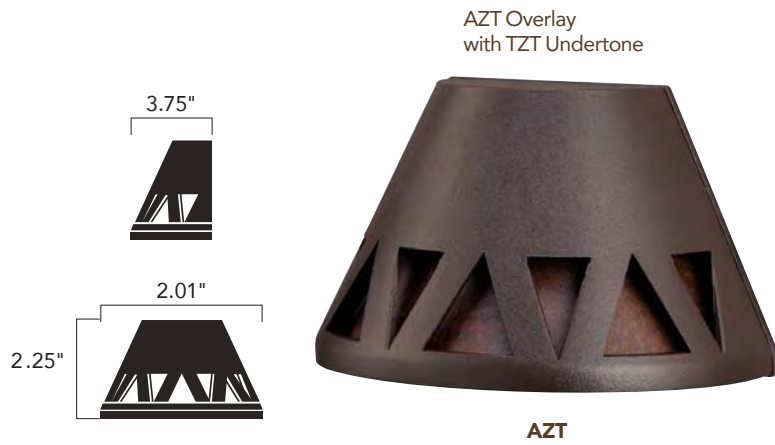
16110 AZT, BBR, BKT, CO, GRY, SD

16111 AZT, BKT, TZT

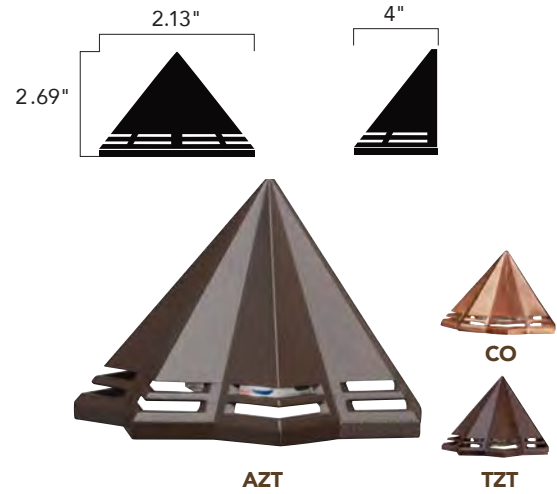
Kelvin	2700K – Warm White		3000K – Pure White	
	Ordering Guide & Finish	16110 AZT27 16110 BBR27 16110 BKT27 16110 CO27 16110 GRY27 16110 SD27	16110 AZT30 16110 BBR30 16110 BKT30 16110 CO30 16110 GRY30 16110 SD30	16111 AZT27 16111 BKT27 16111 TZT27
Housing	Cast Aluminum or Cast Brass, Copper		Cast Aluminum	
Light Source	1 Integrated High Output Cree® LED, tightly binned for color uniformity, and constant current driver		1 Integrated High Output Cree® LED, tightly binned for color uniformity, and constant current driver	
Color Temp. (CCT) & CRI	2700K (-50/+100) / 80s CRI 3000K (-45/+130) / 80s CRI		2700K (-50/+100) / 80s CRI 3000K (-45/+130) / 80s CRI	
Power Usage at 12V AC Input VA and Watts	.86 W, 1.86 VA		.86 W, 1.86 VA	
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology	
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours	
Delivered Lumens & Efficacy	2700K = 43 Lm 2700K = 51 Lm/W	3000K = 41 Lm 3000K = 50 Lm/W	2700K = 43 Lm 2700K = 51 Lm/W	3000K = 41 Lm 3000K = 50 Lm/W
Wiring	72" of usable #18-2, SPT-1-W leads. Cable Connectors supplied.		72" of usable #18-2, SPT-1-W leads. Cable Connectors supplied.	
Mounting Access. (Included)	Stainless steel mounting bracket and hardware		Stainless steel mounting bracket and hardware	
Notes	Coordinating Path Light on page 35. Copper and Brass will naturally patina over time. *Cree is a registered trademark of Cree, Inc.		Coordinating Path Light on page 45. *Cree is a registered trademark of Cree, Inc.	
Fixture Photometric (fc)*	Mounting Light	0' .5' 1' 2' 3' 4' 5'	Mounting Light	0' .5' 1' 2' 3' 4' 5'
	6"	76.50 20.00 3.00 0.20 0.06 0.05 0.03	6"	76.50 20.00 3.00 0.20 0.06 0.05 0.03
	12"	13.00 10.63 4.80 1.10 0.20 0.08 0.05	12"	13.00 10.63 4.80 1.10 0.20 0.08 0.05
	30"	3.20 3.40 2.60 1.20 0.52 0.24 0.12	30"	3.20 3.40 2.60 1.20 0.52 0.24 0.12

*Values stated for 3000K. -10% for 2700K.

OVERLAY



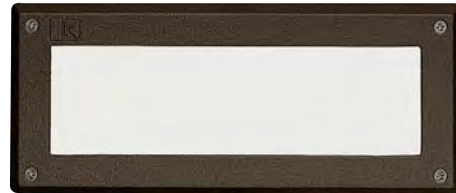
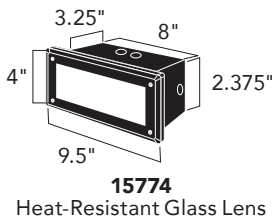
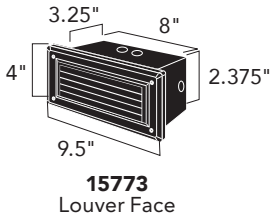
PERFORATED



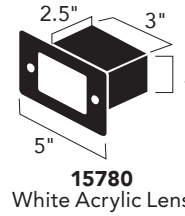
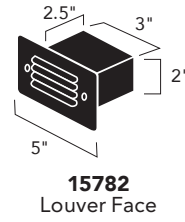
	16112 AZT		16113 AZT, CO, TZT													
Kelvin	2700K – Warm White		3000K – Pure White		2700K – Warm White		3000K – Pure White									
Ordering Guide & Finish	16112 AZT27		16112 AZT30		16113 AZT27 16113 CO27 16113 TZT27		16113 AZT30 16113 CO30 16113 TZT30									
Housing	Cast Aluminum				Cast Aluminum, Copper											
Light Source	1 Integrated High Output Cree® LED, tightly binned for color uniformity, and constant current driver				1 Integrated High Output Cree® LED, tightly binned for color uniformity, and constant current driver											
Color Temp. (CCT) & CRI	2700K (-50/+100) / 80s CRI 3000K (-45/+130) / 80s CRI				2700K (-50/+100) / 80s CRI 3000K (-45/+130) / 80s CRI											
Power Usage at 12V AC Input VA and Watts	.86W, 1.86VA				.86W, 1.86 VA											
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology				9V-15V AC/DC with no loss in output due to constant current technology											
Lumen Maint.	Tested to an L-70 of 40,000 hours				Tested to an L-70 of 40,000 hours											
Delivered Lumens & Efficacy	2700K = 43 Lm 2700K = 51 Lm/W		3000K = 41 Lm 3000K = 50 Lm/W		2700K = 43 Lm 2700K = 51 Lm/W		3000K = 41 Lm 3000K = 50 Lm/W									
Wiring	72" of usable #18-2, SPT-1-W leads. Cable Connectors supplied.				72" of usable #18-2, SPT-1-W leads. Cable Connectors supplied.											
Mounting Access. (Included)	Stainless steel mounting bracket and hardware				Stainless steel mounting bracket and hardware											
Incandescent	N/A				N/A											
Notes	Coordinating Path Light on page 45. *Cree is a registered trademark of Cree, Inc.				Copper will naturally patina over time. Coordinating Path Light on page 46. *Cree is a registered trademark of Cree, Inc.											
Fixture Photometric (fc)*	Mounting Light	0'	.5'	1'	2'	3'	4'	5'	Mounting Light	0'	.5'	1'	2'	3'	4'	5'
	6"	14.50	7.10	0.24	0.02	0.01	0.00	0.00	6"	14.30	8.60	0.19	0.02	0.01	0.00	0.00
	12"	3.00	3.10	1.60	0.08	0.01	0.01	0.00	12"	3.40	3.70	1.90	0.05	0.01	0.00	0.00
	30"	0.80	0.87	0.78	0.40	0.15	0.03	0.01	30"	0.89	1.03	0.95	0.45	0.09	0.01	0.00

*Values stated for 3000K. -10% for 2700K.

BRICK LIGHT



MINI STEP LIGHT



15773/15774 AZT

15780/15782 AZT, BBR, BKT, CO, WHT

	15773/15774 AZT		15780/15782 AZT, BBR, BKT, CO, WHT					
	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White	3000K – Pure White	3000K – Pure White		
Ordering Guide & Finish	15773 AZT27R 15774 AZT27R	15773 AZT30R 15774 AZT30R	15780 AZT27R 15780 BBR27R 15780 BKT27R 15780 CO27R 15780 WHT27R	15782 AZT27R 15782 BBR27R 15782 BKT27R 15782 CO27R 15782 WHT27R	15780 AZT30R 15780 BBR30R 15780 BKT30R 15780 CO30R 15780 WHT30R	15782 AZT30R 15782 BBR30R 15782 BKT30R 15782 CO30R 15782 WHT30R		
Housing	Cast Aluminum		Aluminum, Brass or Copper with white reflector. Zinc plated steel housing.					
Light Source	2 Integrated High Output Cree® LEDs, tightly binned for color uniformity, and constant current driver		1 Integrated High Output Cree® LED, tightly binned for color uniformity, and constant current driver					
Color Temp. (CCT) & CRI	2700K (-50/+100) / 80s CRI 3000K (-45/+130) / 80s CRI		2700K (-50/+100) / 80s CRI 3000K (-45/+130) / 80s CRI					
Power Usage at 12V AC Input VA and Watts	1.72 W, 3.72 VA		.86W, 1.86 VA					
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology					
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours					
Delivered Lumens & Efficacy	2700K = 86 Lm 2700K = 102 Lm/W	3000K = 82 Lm 3000K = 100 Lm/W	2700K = 43 Lm 2700K = 51 Lm/W	3000K = 41 Lm 3000K = 50 Lm/W				
Wiring	Wire connection must be made inside fixture		Wire connection must be made inside fixture					
Mounting Access.	Stainless steel mounting hardware and junction box (Included)		Mounting hardware and junction box (Included)					
Incandescent	15073 – on page 125, 15074 – on page 125		15072 - on page 125, 15070 - on page 125					
Notes	Designed to be integrated into brick wall during construction. LED version is also usable in vertical risers. Available with or without louvers. *Cree is a registered trademark of Cree, Inc.		Designed to be integrated into outdoor steps. Available with louvered faceplate or with acrylic lens as shown above. Copper and Brass will naturally patina over time. *Cree is a registered trademark of Cree, Inc.					
Fixture Photometric (fc)*	15773 Mounting Light		15780 Mounting Light					
	0'	.5'	1'	2'	3'	4'	5'	
	12"	0.07	0.40	1.30	0.60	0.14	0.06	0.03
	24"	0.02	0.05	0.16	0.23	0.23	0.08	0.05
	36"	0.01	0.01	0.83	0.08	0.11	0.13	0.08
	15774 Mounting Light		15782 Mounting Light					
	0'	.5'	1'	2'	3'	4'	5'	
	12"	3.00	1.30	0.10	0.44	0.10	0.03	0.03
	24"	0.06	0.20	0.30	0.20	0.10	0.08	0.04
	36"	0.04	0.09	0.10	0.18	0.12	0.09	0.06

*Values stated for 3000K. -10% for 2700K.

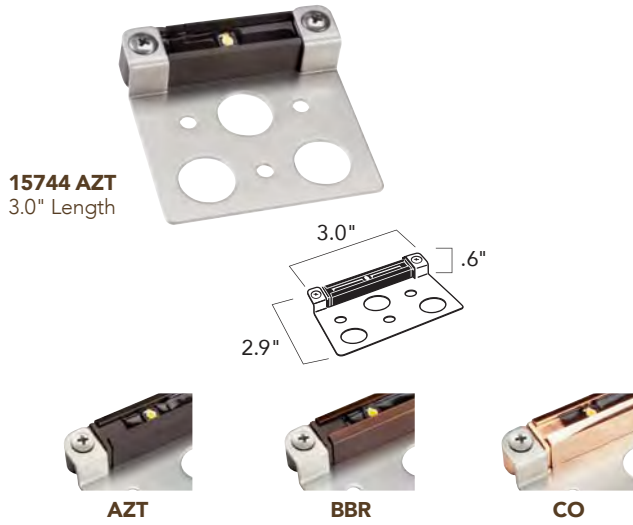
DESIGN PRO LED

12V HARDSCAPE

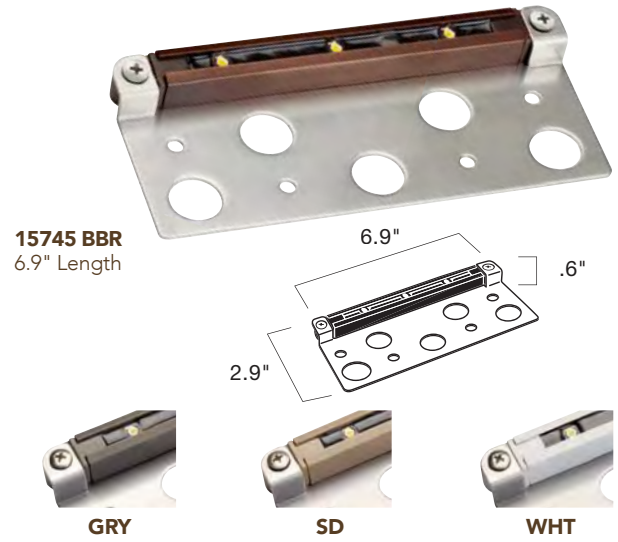
LED you've never seen it.

For use with a magnetic transformer, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not for use with 3rd party electronic transformers. Subjected to Highly Accelerated Life Testing – 3rd party reliability testing.

1 LED FIXTURE WITH BRACKET



3 LED FIXTURE WITH BRACKET



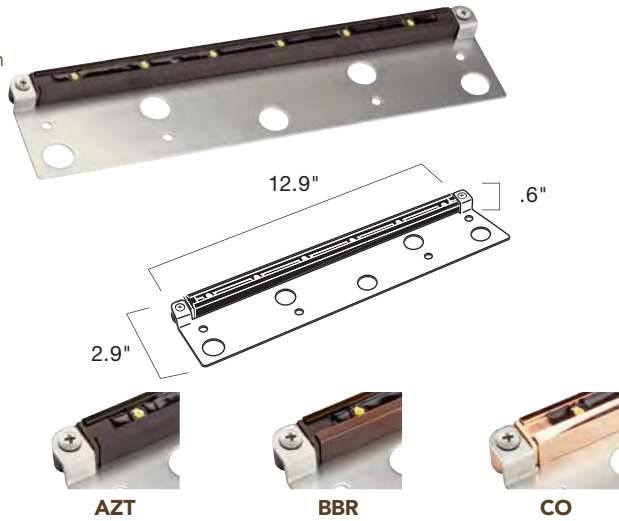
	15744		15745	
Ordering Guide	2700K Warm White 15744 AZT27, 15744 BBR27, 15744 CO27, 15744 GRY27, 15744 SD27, 15744 WHT27	3000K Pure White 15744 AZT30, 15744 BBR30, 15744 CO30, 15744 GRY30, 15744 SD30, 15744 WHT30	2700K Warm White 15745 AZT27, 15745 BBR27, 15745 CO27, 15745 GRY27, 15745 SD27, 15745 WHT27	3000K Pure White 15745 AZT30, 15745 BBR30, 15745 CO30, 15745 GRY30, 15745 SD30, 15745 WHT30
Housing	Cast Aluminum, Cast Brass, Copper Plated Brass		Cast Aluminum, Cast Brass, Copper Plated Brass	
Light Source	1 Integrated High Output Nichia® LED, tightly binned for color uniformity, and constant current driver		3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	
Beam Spread	55°		55°	
Color Temp. (CCT) & CRI	2700K (-280/+0) / 80s CRI 3000K (-200/+175) / 80s CRI		2700K (-280/+0) / 80s CRI 3000K (-200/+175) / 80s CRI	
Power Usage at 12V AC Input VA and Watts	0.19 W, 0.28 VA		.75 W, 1.3 VA	
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology	
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours	
Delivered Lumens & Efficacy	2700K = 8.4 Lm 2700K = 44 Lm/W	3000K = 8.6 Lm 3000K = 45 Lm/W	2700K = 34.7 Lm 2700K = 46 Lm/W	3000K = 44.5 Lm 3000K = 59 Lm/W
Wiring	70" of usable #18-2, SPT-1W leads. Pro series wire connectors.		70" of usable #18-2, SPT-1W leads. Pro series wire connectors.	
Mounting Access. (Included)	Stainless steel masonry bracket and mounting screws		Stainless steel masonry bracket and mounting screws	
Optional	15716 SS – 1 LED Accessory Bracket		15717 SS – 3 LED Accessory Bracket	
Notes	Copper and brass will naturally patina over time		Copper and brass will naturally patina over time	
Fixture Photometric (fc)*	Mounting Height	0' 1' 2' 3' 4'	Mounting Height	0' 1' 2' 3' 4'
	Foot Candles at 12"	8.65 1.10 0.07 0.03 0.02	Foot Candles at 12"	43.7 4.89 0.31 0.12 0.07
	Foot Candles at 24"	2.08 0.98 0.30 0.06 0.04	Foot Candles at 24"	10.7 4.87 1.29 0.12 0.08
	Foot Candles at 36"	0.95 0.61 0.30 0.14 0.06	Foot Candles at 36"	4.96 3.14 1.56 0.67 0.24

*Values stated for 3000K. -10% for 2700K.

12V LED HARDSCAPE, DECK, STEP & BENCH

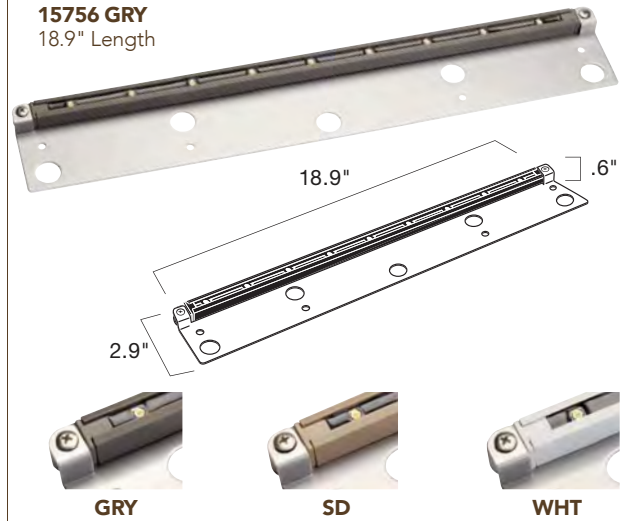
6 LED FIXTURE WITH BRACKET

15746 AZT
12.9" Length



9 LED FIXTURE WITH BRACKET

15756 GRY
18.9" Length



15746

15756

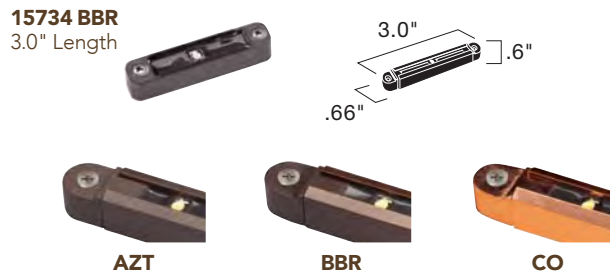
Ordering Guide	2700K Warm White	3000K Pure White	2700K Warm White	3000K Pure White
	15746 AZT27, 15746 BBR27, 15746 CO27, 15744 GRY27, 15746 SD27, 15744 WHT27	15746 AZT30, 15744 BBR30, 15746 CO30, 15744 GRY30, 15746 SD30, 15744 WHT30	15756 AZT27, 15756 BBR27, 15756 CO27, 15756 GRY27, 15756 SD27, 15756 WHT27	15756 AZT30, 15756 BBR30, 15756 CO30, 15756 GRY30, 15756 SD30, 15756 WHT30
Housing	Cast Aluminum, Cast Brass, Copper Plated Brass		Cast Aluminum, Cast Brass, Copper Plated Brass	
Light Source	6 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		9 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	
Beam Spread	55°		55°	
Color Temp. (CCT) & CRI	2700K (-280/+0) / 80s CRI 3000K (-200/+175) / 80s CRI		2700K (-280/+0) / 80s CRI 3000K (-200/+175) / 80s CRI	
Power Usage at 12V AC Input VA and Watts	1.4 W, 2.4 VA		2.2 W, 3.7 VA	
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology		9V-15V AC/DC with no loss in output due to constant current technology	
Lumen Maint.	Tested to an L-70 of 40,000 hours		Tested to an L-70 of 40,000 hours	
Delivered Lumens & Efficacy	2700K = 69.5 Lm 2700K = 49 Lm/W	3000K = 88 Lm 3000K = 63 Lm/W	2700K = 104.2 Lm 2700K = 47 Lm/W	3000K = 132 Lm 3000K = 60 Lm/W
Wiring	70" of usable #18-2, SPT-1W leads. Wire connectors supplied.		70" of usable #18-2, SPT-1W leads. Wire connectors supplied.	
Mounting Access. (Included)	Stainless steel masonry bracket and mounting screws		Stainless steel masonry bracket and mounting screws	
Optional	15718 SS – 6 LED Accessory Bracket		15719 SS – 9 LED Accessory Bracket	
Notes	Copper and brass will naturally patina over time		Copper and brass will naturally patina over time	
Fixture Photometric (fc)*	Mounting Height	0' 1' 2' 3' 4'	Mounting Height	0' 1' 2' 3' 4'
	Foot Candles at 12"	65.10 9.74 0.60 0.22 0.14	Foot Candles at 12"	80.40 12.00 1.08 0.36 0.21
	Foot Candles at 24"	19.64 9.15 2.72 0.48 0.24	Foot Candles at 24"	26.81 13.13 3.81 0.91 0.39
	Foot Candles at 36"	9.16 5.82 2.74 1.00 0.30	Foot Candles at 36"	13.51 8.43 4.55 1.78 0.62

*Values stated for 3000K. -10% for 2700K.

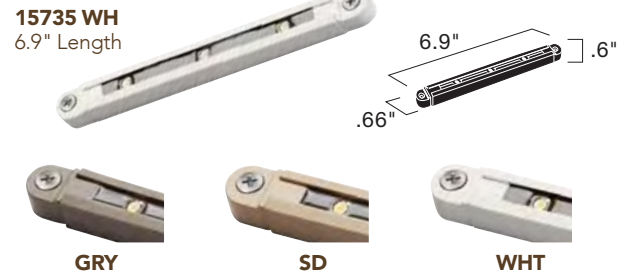


12V LED HARDSCAPE, DECK, STEP & BENCH

1 LED FIXTURE WITHOUT BRACKET



3 LED FIXTURE WITHOUT BRACKET

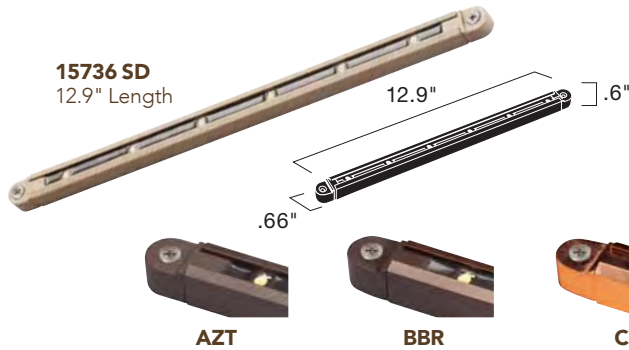


	15734	15735	
Ordering Guide	15734 AZT30 – Textured Architectural Bronze 15734 BBR30 – Bronzed Brass 15734 CO30 – Unfinished Copper 15734 GRY30 – Textured Gray 15734 SD30 – Textured Sand 15734 WHT30 – Textured White	15735 AZT30 – Textured Architectural Bronze 15735 BBR30 – Bronzed Brass 15735 CO30 – Unfinished Copper 15735 GRY30 – Textured Gray 15735 SD30 – Textured Sand 15735 WHT30 – Textured White	
Housing	Cast Aluminum, Cast Brass, Copper Plated Brass	Cast Aluminum, Cast Brass, Copper Plated Brass	
Light Source	1 Integrated High Output Nichia® LED, tightly binned for color uniformity, and constant current driver	3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	
Beam Spread	55°	55°	
Color Temp. (CCT) & CRI	3000K (-200/+125) / 80s CRI	3000K (-200/+125) / 80s CRI	
Power Usage at 12V AC Input VA and Watts	0.19 W, 0.28 VA Multiply fixture VA by the number of fixtures used to determine size of transformer	.75 W, 1.3 VA Multiply fixture VA by the number of fixtures used to determine size of transformer	
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology	9V-15V AC/DC with no loss in output due to constant current technology	
Lumen Maint.	Tested to an L-70 of 40,000 hours	Tested to an L-70 of 40,000 hours	
Delivered Lumens & Efficacy	3000K = 8.6 Lm 3000K = 45 Lm/W	3000K = 44.5 Lm 3000K = 59 Lm/W	
Wiring	70" of usable #18-2, SPT-1-W leads. Pro series wire connectors supplied.	70" of usable #18-2, SPT-1-W leads. Pro series wire connectors supplied.	
Mounting Access.	Stainless steel mounting screws (included)	Stainless steel masonry bracket and mounting screws (included)	
Optional	15716 SS – 1 LED Accessory Bracket	15717 SS – 3 LED Accessory Bracket	
Notes	Subjected to Highly Accelerated Life Testing. 3rd party reliability testing. Not for use with electronic transformers. Copper will naturally patina over time.	Subjected to Highly Accelerated Life Testing. 3rd party reliability testing. Not for use with electronic transformers. Copper will naturally patina over time.	
Fixture Photometric (fc)	Mounting Height	0' 1' 2' 3' 4'	
	Foot Candles at 12"	8.65 1.10 0.07 0.03 0.02	
	Foot Candles at 24"	2.08 0.98 0.30 0.06 0.04	
	Foot Candles at 36"	0.95 0.61 0.30 0.14 0.06	
Mounting Height	0' 1' 2' 3' 4'	Mounting Height	0' 1' 2' 3' 4'
Foot Candles at 12"	43.7 4.89 0.31 0.12 0.07	Foot Candles at 12"	43.7 4.89 0.31 0.12 0.07
Foot Candles at 24"	10.7 4.87 1.29 0.12 0.08	Foot Candles at 24"	10.7 4.87 1.29 0.12 0.08
Foot Candles at 36"	4.96 3.14 1.56 0.67 0.24	Foot Candles at 36"	4.96 3.14 1.56 0.67 0.24

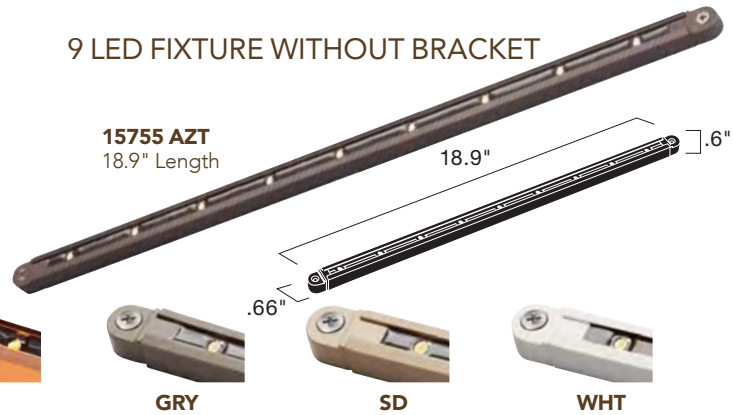


	15716 SS - 1 LED FLAT MOUNT BRACKET	15717 SS - 3 LED FLAT MOUNT BRACKET
Fits	Fits 15734, 15744 (1 LED)	Fits 15735, 15745 (3 LED)
Dimensions	Width – .66", Length – 3.0", Height – .60"	Width – .66", Length – 3.0", Height – .60"
Finish.	Stainless Steel	Stainless Steel
Notes	Mounting hardware included. U.S. Patent Pending	Mounting hardware included. U.S. Patent Pending

6 LED FIXTURE WITHOUT BRACKET



9 LED FIXTURE WITHOUT BRACKET



	15736	15755
Ordering Guide	15736 AZT30 – Textured Architectural Bronze 15736 BBR30 – Bronzed Brass 15736 CO30 – Unfinished Copper 15736 GRY30 – Textured Gray 15736 SD30 – Textured Sand 15736 WHT30 – Textured White	15755 AZT30 – Textured Architectural Bronze 15755 BBR30 – Bronzed Brass 15755 CO30 – Unfinished Copper 15755 GRY30 – Textured Gray 15755 SD30 – Textured Sand 15755 WHT30 – Textured White
Housing	Aluminum, Brass, Copper Plated Brass	Aluminum, Brass, Copper Plated Brass
Light Source	6 Integrated High Output Nichia® LED, tightly binned for color uniformity, and constant current driver	9 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver
Beam Spread	55°	55°
Color Temp. (CCT) & CRI	3000K (-200/+125) / 80s CRI	3000K (-200/+125) / 80s CRI
Power Usage at 12V AC Input VA and Watts	1.4 W, 2.4 VA Multiply fixture VA by the number of fixtures used to determine size of transformer	2.2 W, 3.7 VA Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V-15V AC/DC with no loss in output due to constant current technology	9V-15V AC/DC with no loss in output due to constant current technology
Lumen Maint.	Tested to an L-70 of 40,000 hours	Tested to an L-70 of 40,000 hours
Delivered Lumens & Efficacy	3000K = 88 Lm 3000K = 61 Lm/W	3000K = 132 Lm 3000K = 62 Lm/W
Wiring	70" of usable #18-2, SPT-1-W leads. Pro series wire connectors supplied.	70" of usable #18-2, SPT-1-W leads. Pro series wire connectors supplied.
Mounting Access.	Stainless steel masonry bracket mounting screws (included)	Stainless steel masonry bracket mounting screws (included)
Optional	15718 SS – 6 LED Accessory Bracket	15719 SS – 9 LED Accessory Bracket
Notes	Subjected to Highly Accelerated Life Testing. 3rd party reliability testing. Not for use with electronic transformers. Copper will naturally patina over time.	Subjected to Highly Accelerated Life Testing. 3rd party reliability testing. Not for use with electronic transformers. Copper will naturally patina over time.
Fixture Photometric (fc)	Mounting Height	0' 1' 2' 3' 4'
	Foot Candles at 12"	65.10 9.74 0.60 0.22 0.14
	Foot Candles at 24"	19.64 9.15 2.72 0.48 0.24
	Foot Candles at 36"	9.16 5.82 2.74 1.00 0.30
Fixture Photometric (fc)	Mounting Height	0' 1' 2' 3' 4'
	Foot Candles at 12"	80.40 12.00 1.08 0.36 0.21
	Foot Candles at 24"	26.81 13.13 3.81 0.91 0.39
	Foot Candles at 36"	13.51 8.43 4.55 1.78 0.62



	15718 SS - 6 LED FLAT MOUNT BRACKET	15719 SS - 9 LED FLAT MOUNT BRACKET
Fits	Fits 15736, 15746 (6 LED)	Fits 15755, 15756 (9 LED)
Dimensions	Width – .66", Length – 12.9", Height – .60"	Width – .66", Length – 18.9", Height – .60"
Finish.	Stainless Steel	Stainless Steel
Notes	Mounting hardware included. U.S. Patent Pending	Mounting hardware included. U.S. Patent Pending

DESIGN PRO LED CONTROLLER

CREATE YOUR MOST DYNAMIC LED LANDSCAPE LIGHTING DESIGNS

Your imagination sets the bar when it comes to creating beautiful properties and luxurious outdoor spaces that are lit to perfection. Now, let Kichler give you a world of new design possibilities with our Design Pro LED Controller. It makes it easy to take your landscape lighting projects further than a traditional 12V transformer ever could with on-command landscape lighting control that allows you to offer homeowners a new level of personalization to fit their lifestyles.

VERSATILE

Multiple SKU options accommodate various project sizes and design needs; works with Kichler® Design Pro LED 12V fixtures and most brands' 12V LED landscape lighting fixtures.



100W Unit

200W & 300W Units

SMART

System provides summary readouts to easily optimize zones and overall system loads; helps isolate and troubleshoot issues.



INTUITIVE

Easily program lighting schedules to turn individual zones on/off as desired.



COST EFFECTIVE

Since it safely works with a range of wire gauges (#8 through #18), you can choose a smaller gauge wire to reduce material costs. The Design Pro Controller is a DC Controller, so there is no power factor (VA). This allows you to load more LED fixtures on the system than a traditional AC transformer because you are using the lower watts to load the DC Controller system vs. the higher VA on a AC transformer.

FLEXIBLE

Works with Z-Wave® technology to network and control hundreds of accessory options.



Remote

Range Extender



HOMEOWNER-FRIENDLY

Optional remote allows homeowners to temporarily override scheduled settings for special occasions or as needed control.



EASY TO GET SET UP, PROGRAM AND CUSTOMIZE.

Before your crew heads to the jobsite, wouldn't it be nice to know you've got everything covered?

With the Design Pro LED Controller, you can program and save settings, including all zones and events, at the office. The digital menu takes you through all programming steps and includes trilingual menu options so you can easily switch between English, French or Spanish. Once you program the time, date and geographic location you can use the factory settings for quick setup or to jump-start creating customized schedules. The controller automatically adjusts for the time zone and daylight savings time throughout the year based on your specific geographic location.



DESIGN PRO LED CONTROLLER (DC SYSTEM) COMPARISON OVER A TRADITIONAL (AC SYSTEM)

(Based on a 300W / 460VA 6-Zone System)

Design Pro LED Controller		Traditional Power Supply with Zone Control Accessory
DC	ADVANTAGE	AC
Load: 300W Uses the lower watts to load system	<input checked="" type="checkbox"/>	Load: 460VA Uses the higher VA to load system
Only 1 300W DC power supply required	<input checked="" type="checkbox"/>	2 AC power supplies are required both a 200W & 300W
Uses: 16 gauge wire (50% cost-savings)	<input checked="" type="checkbox"/>	Uses: 12 gauge wire (50% more cost)
6 synced zones on one power supply	<input checked="" type="checkbox"/>	Maximum 3 zones per power supply
All-inclusive design with no accessories needed	<input checked="" type="checkbox"/>	Each individual power supply requires an additional wired-in zone control system
Built-in system diagnostics and digital zone summary	<input checked="" type="checkbox"/>	Not available
Z-Wave Compatible: Allows 120V integration of holiday lighting, outdoor lanterns, and other 120V devices.	<input checked="" type="checkbox"/>	No 120V integration
Remote: One remote can control an entire system including multiple power supplies	<input checked="" type="checkbox"/>	Remote: One remote can control only one power supply

IT MAKES THINGS EASIER FROM TROUBLESHOOTING TO INSTALLATION.



The Design Pro LED Controller is your wattage calculator, site supervisor and troubleshooting expert all in one.



Wattage Load

It quickly calculates the wattage load to optimize the number of fixtures in each zone and summarizes the overall load on the controller.

Design Pro LED Controller

3 CONTROLLER OPTIONS



15DC100

Height = 13.73"
Depth = 4.46"
Width = 8.62"

15DC200

Height = 13.71"
Depth = 4.46"
Width = 13.51"

15DC300

Height = 13.71"
Depth = 4.46"
Width = 13.51"

Wattage (VA)	100W/VA	200W/VA	300W/VA
Zones	Up to 2 independently controlled zones	Up to 4 independently controlled zones	Up to 6 independently controlled zones
Weight	5.5 lbs	8 lbs	11 lbs

GENERAL SPECIFICATIONS

Description	All-in-one power supply and controller provides personalization, versatility, and efficiencies to a professional LED installation	Potting	Fully encapsulated / potted electronics
Housing & Finish	UV stable and weather-proof polynumeric material with textured gray finish	Timer	Integrated astronomical clock programmable by geolocation
AC or DC & Output Voltage	Direct current (DC), 15V constant DC	Stainless Grade	Non-corrosive high grade stainless steel components
Input Voltage	108-132AC 50-60 Hz	Efficiency on Primary Power Side	Min 85% (power-in, power-out)
Minimum Load & Fixture Loading	None. Use Watts (not VA) to load fixtures on controller.	UL Listing & FCC	ANSI/UL 1838 CSA 250.7. FCC Part 15B.
Grounded Cord Type/Length	63" of usable #18-3 SJTW Cord	Outdoor/Indoor Use	Wet Location Rated. Indoor acceptable by local code.
Battery Back-up	Saves date and time only. All other settings saved to nonvolatile memory.	Transformer Type	Electronic DC (low ripple and acceptable for use LED Landscape fixtures)
Terminal Lugs	Can fit up to #8-18 GA	System Information	Calculates live watts and amperage within zone summary
Breaker Protection Type/Amps.	Electronically controlled 7 Amp.	Overload Protection	Yes
Thermal Protection	Yes	Menu Diagnostics	Yes, to aid in troubleshooting common problems
Surge Protection	Primary surge protection protects against surges going down the line unlike traditional transformers	Conduit Adaptor	1" trade size PVC slip fit conduit adaptor for a clean and professional installation. Can also accept 1.25" trade size PVC conduit.
Event Schedules	Up to 12 programmable schedules	Wireless Type & Range	Z-Wave® See www.z-wave.com for additional options. 300ft line of sight range.
Vandal Resistant	Yes, with integrated locking tab (lock not included)	Network	Multiple controllers can be wirelessly synced together to create a network (maximum 4 controllers in one network). Multiple networks can be set-up in installations with more than 4 controllers.
Temperature Range	Operates at -40° F to 140° F (-40° C to 60° C)	Warranty	Industry-leading warranty. For details see: landscapelighting.com/warranty
Mounting Hardware	Included. Integrated easy-positionable keyhole mounts allow for a simple installation.		

Design Pro LED Controller

ACCESSORIES THAT EXPAND DESIGN CAPABILITIES

ACCESSORIES



	16080BK Remote	16081WH Range Extender	16088BK - #14-2, Wire 16089BK - #16-2 Wire
Description	Allows the user to independently control lighting zones based on pre-defined programs. This enables the homeowner to temporarily override schedules on individual zones by turning the lights on/off at any given time. Can also be used as a secondary programmer.	Allows for wireless range extension (additional 300ft) between wireless devices (ex. power supply-to-power supply) Plugs into any standard 120V outlet (dry location).	Now 14 and 16 gauge direct burial wire can now be used with Kichler's Design Pro LED Controller. Available in 250' EZ Pull boxes for added convenience. To be used only with the Kichler Design Pro LED Controller. See Kichler DC voltage drop calculator to calculate wire runs.
Input Voltage	Internal lithium battery charges via provided USB cable	108-132AC 50-60 Hz	NA
UL Listing	NA, battery powered	UL listed for dry location: must be used indoors or put in an approved enclosure.	UL listed for 12V outdoor lighting applications. UV stabilized PVC insulated. For direct burial.
Wireless Type	Z-Wave® See www.z-wave.com for additional options.	Z-Wave® See www.z-wave.com for additional options.	NA
Notes	Add/remove devices, create scenes, and control an entire Z-Wave network with one remote. 100' indoor and 300' outdoor range.	Amplifies Z-Wave wireless signals. Ranges differ depending line of sight and interior building materials used. 100' indoor range.	Use proper direct burial connectors with the approved cable combinations

Z-Wave is a registered trademark of Sigma Design and its subsidiaries in the United States and other countries. For recommended 3rd party accessories please consult Kichler for tested list.



Remote

Range Extender

12V TRANSFORMERS

RELIABLE

- 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, 120, 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.
- Magnetic door for ease of access.

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 provides 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:

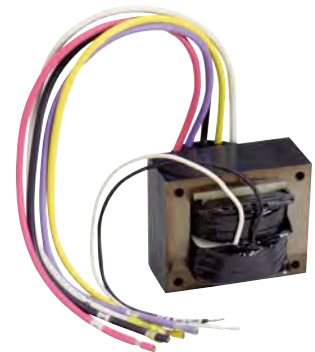
- **PROTECTION:** Core, wire leads and inner parts are set inside epoxy to prevent exposure to moisture to resist corrosion and maintain a permanent seal.
- **QUIET:** Humming noises are eliminated, as well as vibration, keeping connections from loosening.
- **COOL:** Epoxy also keeps unit running cooler.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

OTHER IMPORTANT INSTALLATION CONSIDERATIONS:

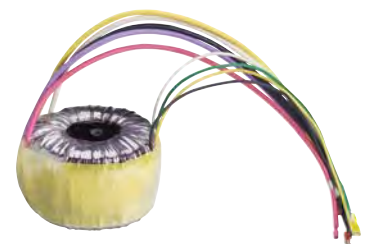
- National Electric Code and Underwriters Laboratories (UL) require that wiring, where concealed or extended through a building wall, must be enclosed in conduit.
- All Kichler transformers are rated for use with ANSI/UL 1838 listed fixtures including those for underwater use. Kichler transformers are 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



15PR75SS, 15PR900SS, 15PR1200SS, 15PL75AZT and 15PL900AZT feature high efficiency Toroid core and coil configuration

12V TRANSFORMERS

PROFESSIONAL SERIES PR 100W–1200W



PROFESSIONAL SERIES PR

PROFESSIONAL SERIES PR 75W



PROFESSIONAL SERIES PR

Features

- Output voltage taps 12/13/14/15 Volts
 - 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
 - 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
 - In-line secondary magnetic breaker protects against short circuit
 - Fully enclosed housing constructed of #304 grade stainless steel
 - Epoxy encapsulant for greater protection and performance
 - 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
 - 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.
 - 900-W and 1200-W units feature high efficiency Toroid core and coils
 - 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
 - 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.
 - Compatible with plug-in timer and plug-in photocells
 - Limited lifetime warranty
- Output voltage tap 15V only for simplified LED installations
 - In-line secondary magnetic breaker protects against short circuit
 - Epoxy encapsulant for greater protection and performance
 - Fully enclosed housing constructed of #304 grade stainless steel
 - Features high efficiency Toroid core and coil
 - 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.
 - Limited lifetime warranty

PROFESSIONAL
SERIES 2-IN-1 PR
2X600W



PROFESSIONAL SERIES 2-IN-1 PR

Features

- 2 separate sets of multi-tap output – 12V, 13V, 14V, 15V on each circuit
- 600-W total power and (2) independently controlled 300-W transformers for 2 separate scenes
- (2) independent receptacles for pluggable photocells for multiple on/off options
- (2) independent receptacles for pluggable timers
- Limited lifetime warranty
- 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

PLUS
SERIES PL
100W–1200W



PLUS SERIES PL

- Output voltage taps are 12V, 13V, 14V, 15V, 80 Amp. Max. per board
- Powder-coated housing is painted steel with AZT finish
- Auto-resettable in-line primary overload protection
- An in-line secondary magnetic breaker protects against short circuiting
- Epoxy encapsulated for greater protection and performance
- Compatible with plug-in timer and plug-in photocells
- Mounting template included
- 10-year limited warranty

12V TRANSFORMERS

PLUS SERIES PL 75W



PLUS SERIES PL

MANUAL SERIES M 100W – 600W



100W shown

MANUAL SERIES M

ECONOMY SERIES E 60W–120W



ECONOMY SERIES E

Features

- Output voltage tap 15V only for simplified LED installations
- In-line secondary magnetic breaker protects against short circuit
- Epoxy encapsulant for greater protection and performance
- Powder-coated housing is painted steel with AZT Finish
- Features high efficiency Toroid core and coil
- 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.
- 10-year limited warranty

- Output voltage taps are 12V, 13V, 15V only on 15M300 AZT and 15M600 AZT. 15M100 AZT and 15M200 AZT are single 12V taps.
- Epoxy encapsulant for greater protection and performance
- An in-line secondary thermal or magnetic breaker protects against short circuiting
- Auto-resettable in-line primary overload protection
- 10-year limited warranty
- Timers and photocells are not offered as options for this unit

- High and Low output settings
- Integral timer and photocell
- Durable black polymeric enclosure resists corrosion
- An in-line push button thermal breaker on the secondary protects against short circuiting
- Auto-resettable in-line primary overload protection
- 10-year limited warranty
- Built in photocell, timer and high-low switch

IN-GROUND
100W



15IGT100

IN-GROUND
300W



15IGT300

IN-GROUND
600W



15IGT600

Features

- 100 W Total Power
- 4 Taps (Multitaps)
- Installed in concrete, gravel or dirt
- Durable black material to hold up with ground shifts
- Multiple ports for easy installation and wire routing
- Can be controlled with remote photocell and/or timer
- Optional accessory: 15608AZ Concrete Kit. See page 162.

- 300 W Total Power
- 4 Taps (Multitaps)
- Installed in concrete, gravel or dirt
- Durable black material to hold up with ground shifts
- Multiple ports for easy installation and wire routing
- Can be controlled with remote photocell and/or timer
- Optional accessory: 15608AZ Concrete Kit. See page 162.

- 600 W Total Power
- Dual output – 8 taps (Multitaps) 2 sets of 4
- Installed in concrete, gravel or dirt
- Durable black material to hold up with ground shifts
- Multiple ports for easy installation and wire routing
- Can be controlled with remote photocell and/or timer
- Optional accessory: 15608AZ Concrete Kit. See page 162.



12V TRANSFORMERS

	PROFESSIONAL						PLUS						MANUAL			ECO		IN-GROUND						
	15PR75 SS	15PR100 SS	15PR200 SS	15PR300 SS	15PRD600 SS 2-in-1	15PR600 SS	15PR900 SS	15PR1200 SS	15PL75 AZT	15PL100 AZT	15PL200 AZT	15PL300 AZT	15PL600 AZT	15PL900 AZT	15M100 AZT	15M200 AZT	15M300 AZT	15M600 AZT	15E60 BK	15E120 BK	15IGT100	15IGT300	15IGT600	
	16.5" x 5.5" x 5.75"	19" x 5.5" x 5.75"	19" x 5.5" x 5.75"	19" x 5.5" x 5.75"	21.25" x 6.75" x 5.75"	19" x 6.75" x 5.75"	21" x 6.75" x 6"	17.5" x 8" x 7"	16.5" x 5.5" x 5.75"	19" x 5.5" x 5.75"	19" x 5.5" x 5.75"	19" x 5.5" x 5.75"	19" x 6.75" x 5.75"	21" x 6.75" x 6"	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"	6.75" x 3.75" x 3.75"	6.75" x 3.75" x 3.75"	9.625" x 13.25" dia.	9.625" x 13.25" dia.	9.625" x 13.25" dia.	
Wattage (VA)	75	100	200	300	600	600	900	1200	75	100	200	300	600	900	100	200	300	600	60	120	100	200	300	
Automatic Timer	●	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	
Photo Electric Eye	●	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	
High-Low Switch																			●	●				
On-Off-Auto Switch																			●	●				
Multi-Tap Connection 12V, 13V, 15V																	●	●						
Multi-Tap Connection 12V, 13V, 14V, 15V		●	●	●	●	●	●	●	●	●	●	●	●	●								●	●	●
Single-Tap Connection 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 #14-GA SJTW Cord								●																
6', 3-Wire #16-3 SJTW Cord					●	●	●						●	●				●						
6', 3-Wire #18-3 SJTW Cord	●	●	●	●					●	●	●	●			●	●	●							
6', 2-Wire #18-2 SJTW Cord																			●	●				
Includes Mounting Plate for Indoor Use	●	●	●	●	●	●	●	●	●	●	●	●	●	●										
Textured Architectural Bronze or 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	●				●	●	●	●					●								●	●	●	

● = Included
 ● = Optional

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.

UL, ETL, and SIK 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.

TRANSFORMER ACCESSORIES (see page 134)

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.

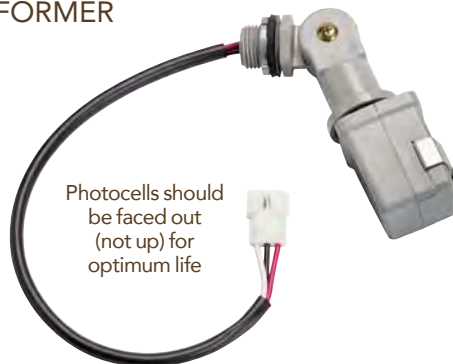
Photocells allow the intensity of daylight to define transformer operation. Timers can be used for more exacting requirements. Regardless of which is chosen, each will assist the transformer in providing the desired result.

MECHANICAL TRANSFORMER TIMER



15557 BK

PLUG-IN TRANSFORMER CELL



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

15565 BK

DIGITAL TRANSFORMER TIMER



Integrated battery backup

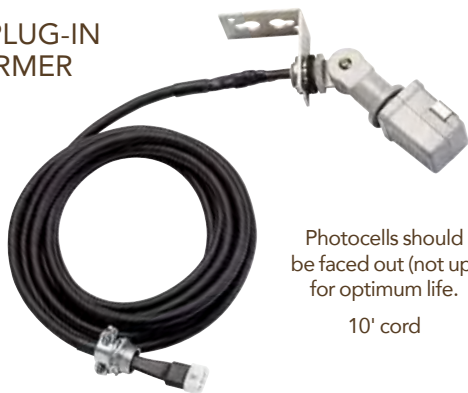
15556 BK

SYNCHRONIZED DEVICE



15511 BK

REMOTE PLUG-IN TRANSFORMER CELL



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

10' cord

15534 BK

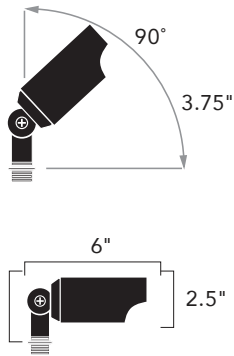
LED/INCANDESCENT 12V ACCENT

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

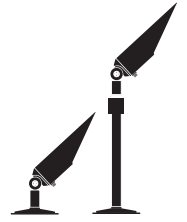
For use with a magnetic transformer combined with LED drop-in lamps, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not for use with 3rd party electronic transformers. Subjected to Highly Accelerated Life Testing – 3rd party reliability testing.

Shown: 15384 with 4W LED Lamp – 3000K
16070 Wall Wash – 3000K

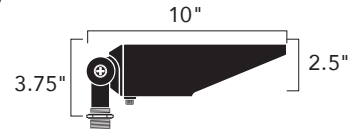
MINI ACCENT



LONG COWL
MINI-ACCENT



Illustrated with 15657
18" mounting stem and
15649 stem coupler
(both sold separately)



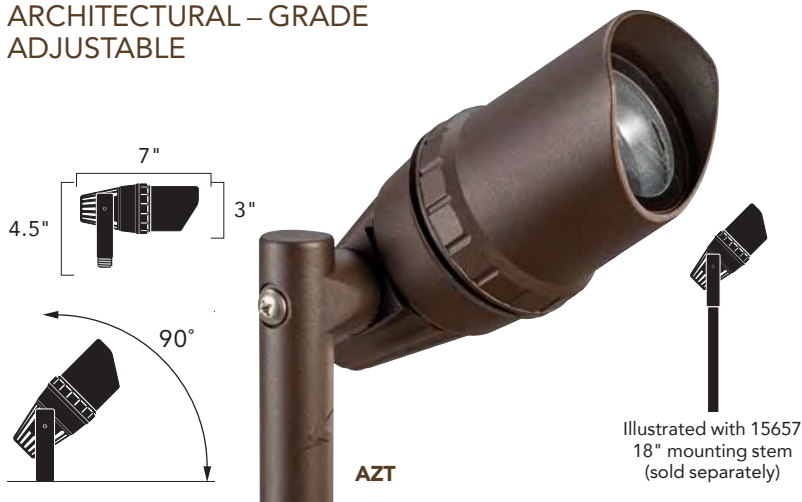
15384 AZT, AZT 24, BKT, BKT 24, CBR, CO

15484 AZT

Ordering Guide & Finish	15384 AZT 15384 AZT 24 15384 BKT 15384 BKT 24 15384 CO 15384 CBR	15484 AZT
Housing	Cast Aluminum, Cast Brass or Unfinished Copper. Heat resistant flat glass lens is fully sealed.	Cast Aluminum. Heat-resistant flat glass lens is fully sealed.
Lamp Base	12V Incandescent bi-pin, high temperature porcelain socket	12V Incandescent bi-pin, high temperature porcelain socket
Supplied Lamp	Lamp not supplied unless noted	Lamp not supplied unless noted
Incandescent Lamp Options	Power usage at 12V AC input VA MAX: 50-W(VA) MR-16 35-W(VA) Max. on 15384CO 20-W(VA) Max. Canada see page 140	Power usage at 12V AC input VA MAX: 50-W(VA) MR-16 20-W(VA) Max. Canada 35-W(VA) MR-11 see page 140
LED Lamp Options	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.
Mounting Access. (Included)	8" slotted in-ground stake	8" slotted in-ground stake
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems
Optional Lens Accessories	15675 LIN – Linear Lens 15676 FRO – Frosted Lens 15679 BK – Hexcell Louver Shield 15686 BL – Blue Filter	15675 LIN – Linear Lens 15676 FRO – Frosted Lens 15679 BK – Hexcell Louver Shield 15686 BL – Blue Filter
Notes	Copper and brass will naturally patina over time	N/A

12V LED/INCANDESCENT ACCENT

ARCHITECTURAL – GRADE ADJUSTABLE



MICRO ACCENT – MR 11



15397 AZT

15398 AZT

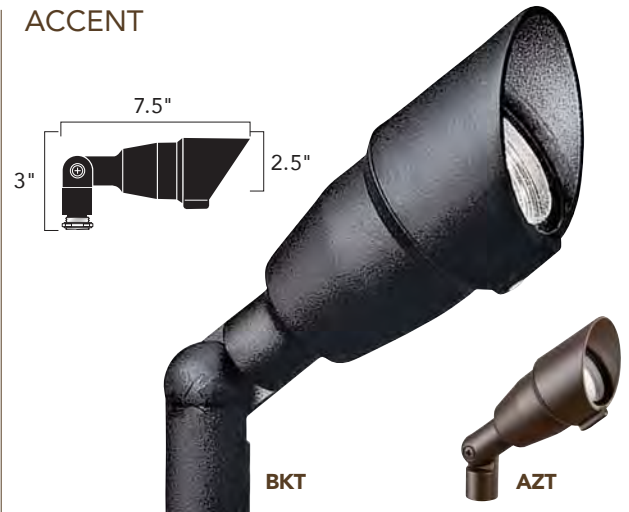
	15397 AZT	15398 AZT
Ordering Guide & Finish	15397 AZT	15398 AZT
Housing	Machined aluminum. Heat-resistant glass is fully sealed and angled for easy water run-off. Cowl is fully adjustable.	Cast Aluminum. Heat-resistant glass is fully sealed.
Lamp Base	12V Incandescent bi-pin, high temperature porcelain socket	12V Incandescent bi-pin, high temperature porcelain socket
Supplied Lamp	Lamp not supplied unless noted	Lamp not supplied unless noted
Incandescent Lamp Options	Power usage at 12V AC input VA MAX: 50-W(VA) MR-16 35-W(VA) Max. Canada 35-W(VA) MR-11 see page 140	Power usage at 12V AC input VA MAX: 35-W(VA) MR-11 20-W(VA) Max. Canada see page 140
LED Lamp Options	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen	N/A
Wiring	51" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	36" of usable #18-2, SPT-1-W leads. Cable connectors supplied.
Mounting Access. (Included)	8" slotted in-ground stake	8" slotted in-ground stake
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems
Optional Lens Accessories	15683 BK – Louver 15693 BL – Blue Filter	15631 BL – Blue Filter 15632 LIN – Linear Lens 15633 FRO – Frosted Lens 15634 BK – Louver
Notes	Use with the 6" (15645), 12" (15656), 18" (15657) or 24" (15658) mounting stem for dramatic effects.	Our smallest incandescent (1 ⁷ / ₈ ") accent light

ACCENT



15309 AZT 12, BKT

ACCENT

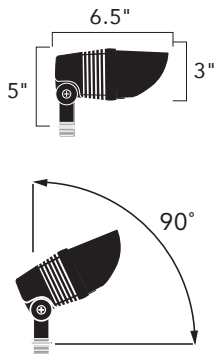


15374 AZT, AZT 20L 24, BKT, 20L 24

Ordering Guide & Finish	15309 AZT 15309 AZT 12 15309 BKT	15374 AZT 15374 AZT 20L 15374 AZT 20L 24 15374 BKT 15374 BKT 20L 24
Housing	Cast Aluminum. Heat resistant flat glass lens is fully sealed.	Cast Aluminum. Heat-resistant flat glass lens is fully sealed.
Lamp Base	12V Incandescent bi-pin, high temperature porcelain socket	12V Incandescent bi-pin, high temperature porcelain socket
Supplied Lamp	20-W(VA) MR-16. Halogen light source.	Lamp not supplied unless noted
Incandescent Lamp Options	Power usage at 12V AC input VA MAX: 35-W(VA) MR-16 35-W(VA) MR-11 see page 140	Power usage at 12V AC input VA MAX: 50-W(VA) MR-16 20-W(VA) Max. Canada see page 140
LED Lamp Options	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen
Wiring	40" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	31" of usable #18-2, SPT-1-W leads. Cable connectors supplied.
Mounting Access. (Included)	8" slotted in-ground stake	8" slotted in-ground stake
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 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	15641 BL – Blue Filter 15642 LIN – Linear Lens 15643 FRO – Frosted Lens 15644 BK – Hexcell Louver Shield
Notes	N/A	N/A

12V LED/INCANDESCENT ACCENT

COMPOSITE



BLK

15382 BLK

MR 16



BBR

BKT

AZT

15381 AZT, AZT 6, BBR, BKT

SOLID BRASS



CBR

15475 CBR

Ordering Guide & Finish	15382 BLK	15381 AZT 15381 AZT 6 15381 BBR 15381 BKT	15475 CBR
Housing	Components of durable high heat thermoplastic composite resin. Heat-resistant flat glass lens is fully sealed.	Cast Aluminum or Cast Brass. Heat resistant flat glass lens is fully sealed.	Cast Brass
Lamp Base	12V Incandescent bi-pin, high temperature porcelain socket	12V Incandescent bi-pin, high temperature porcelain socket	12V bi-pin, high temperature porcelain socket
Supplied Lamp	Lamp not supplied unless noted	Lamp not supplied unless noted	Lamp not supplied unless noted
Incandescent Lamp Options	Power usage at 12V AC input VA MAX: 35-W(VA) MR-16 see page 140	Power usage at 12V AC input VA MAX: 75-W(VA) MR-16 see page 140	12V AC/DC input MAX: 35-W(VA) MR-16 see page 140
LED Lamp Options	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	30" of usable #18-2, SPT-1-W leads.
Mounting Access. (Included)	8" slotted in-ground stake	8" slotted in-ground stake	8" in-ground stake
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems LK87CBR – Lock Nut
Optional Lens Accessories	15673 BL – Blue Filter 15672 FRO – Frosted Lens 15674 LIN – Linear Lens	15680 BK – Hexcell Louver Shield 15687 BL – Blue Filter 15691 FRO – Frosted Lens 15692 LIN – Linear Lens	15679 BK – Hexcell Louver Shield 15686 BL – Blue Filter 15676 FRO – Frosted Lens 15675 LIN – Linear Lens
Notes	U.S. Patent D417,519. See page 171 for photometrics.	See page 171 for photometrics. Brass will naturally patina over time.	Not recommended for down light applications. Brass will naturally patina over time.

BI-PIN



15383 AZT

PAR 36



15390 AZT

Ordering Guide & Finish	15383 AZT	15390 AZT																																																
Housing	Cast Aluminum. Heat resistant flat glass lens is fully sealed.	Cast Aluminum																																																
Lamp Base	12V Incandescent bi-pin, high temperature porcelain socket	12V Incandescent PAR-36 lamp																																																
Supplied Lamp	50-W(VA) Q50T4 (17015). Halogen light source.	Lamp not supplied unless noted																																																
Incandescent Lamp Options	Power usage at 12V AC input VA MAX: VA MAX: 75-W(VA) see page 140	Power usage at 12V AC input VA MAX: 50-W(VA) PAR-36 see page 140																																																
LED Lamp Options	N/A	11W (18021-18029) see page 140. Compares to 50W Halogen.																																																
Wiring	38" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	42" of usable #18-2, SPT-1-W leads. Cable connectors supplied. Supply wire lugs attach directly to PAR 36 light bulb screw terminals. Light bulb secured in place with retaining ring.																																																
Mounting Access. (Included)	8" slotted in-ground stake	8" slotted in-ground stake																																																
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems																																																
Notes	See page 175 for photometrics	See page 175 for photometrics																																																
Photometric with Supplied Lamp	<table border="1"> <thead> <tr> <th>D</th> <th>0° FC</th> <th>L</th> <th>W</th> <th>30° FC</th> <th>L</th> <th>W</th> <th>45° FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr> <td>5'</td> <td>8.76</td> <td>4.45</td> <td>4.45</td> <td>5.69</td> <td>6.36</td> <td>5.14</td> <td>3.1</td> <td>11.11</td> <td>6.3</td> </tr> <tr> <td>10'</td> <td>2.19</td> <td>8.9</td> <td>8.9</td> <td>1.42</td> <td>12.71</td> <td>10.28</td> <td>.77</td> <td>22.21</td> <td>12.59</td> </tr> <tr> <td>20'</td> <td>.55</td> <td>17.81</td> <td>17.81</td> <td>.36</td> <td>25.43</td> <td>20.56</td> <td>.19</td> <td>44.43</td> <td>25.19</td> </tr> </tbody> </table>										D	0° FC	L	W	30° FC	L	W	45° 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	44.43	25.19
D	0° FC	L	W	30° FC	L	W	45° 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	44.43	25.19																																									

12V LED/INCANDESCENT ACCENT

ADJUSTABLE WIDE FLOOD



AZT

15395 AZT

MINIATURE HOODED ADJUSTABLE WIDE FLOOD



AZT

15396 AZT

Ordering Guide & Finish	15395 AZT	15396 AZT													
Housing	Cast Aluminum. Heat-resistant flat glass is fully sealed.	Cast Aluminum. Heat resistant flat glass lens is fully sealed.													
Lamp Base	12V Incandescent bi-pin, high temperature porcelain socket	12V Incandescent bi-pin, high temperature porcelain socket													
Supplied Lamp	50-W(VA) QT4 (17015). Halogen light source.	35-W(VA) QT3 (17013). Halogen light source.													
Incandescent Lamp Options	Power usage at 12V AC input VA MAX: 75-W(VA) see page 140	Power usage at 12V AC input VA MAX: 35-W(VA) see page 140													
LED Lamp Options	N/A	N/A													
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.													
Mounting Access. (Included)	8" slotted in-ground stake	8" slotted in-ground stake													
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems													
Notes	U.S. Patent D417,519. See page 171 for photometrics.	U.S. Patent Pending. See page 171 for photometrics.													
Photometric with Supplied Lamp		A	B	C	D	E	F		A	B	C	D	E	F	
	3'	9.30	5.43	1.81	.9	.18	.09		3'	13.89	8.33	2.78	1.39	.28	.14
	4'	5.08	3.05	1.01	.51	.10	.05		4'	7.81	4.69	1.56	.78	.16	.08
	5'	3.25	1.95	.65	.33	.07	.03		5'	5	3	1	.5	.1	.05
	6'	2.26	1.35	.45	.23	.05	.02		6'	3.47	2.08	.69	.35	.07	.03
	7'	1.66	.99	.33	.17	.03	.03		7'	2.55	1.53	.51	.26	.05	.03
	8'	1.27	.76	.25	.13	.03	.01		8'	1.95	1.17	.39	.2	.04	.02
	9'	1	.6	.1	.1	.02	.01		9'	1.54	.93	.31	.15	.03	.02
	10'	.81	.49	.08	.08	.02	.01		10'	1.25	.75	.25	.13	.03	.01

HOODED ADJUSTABLE
WIDE FLOOD



15385 AZT

SOLID BRASS MINI
WALL WASH



15476 CBR

Ordering Guide & Finish	15385 AZT	15476 CBR																																																															
Housing	Cast Aluminum. Heat-resistant flat glass is fully sealed.	Cast Brass.																																																															
Lamp Base	12V Incandescent bi-pin, high temperature porcelain socket	12V T-5 Wedge base socket																																																															
Supplied Lamp	50-W(VA) QT4 (17015). Halogen light source.	Lamp not supplied unless noted																																																															
Incandescent Lamp Options	Power usage at 12V AC input VA MAX: 75-W(VA) see page 140	Power usages at 12V AC input Max: 17-W(VA) Type 921 see page 140																																																															
LED Lamp Options	N/A	2W T5 Side Mount Wedge Base (18120-18121) See page 137. Compares to 20W Halogen																																																															
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	53" of usable #18-2, SPT-1-W leads. Cable connectors not included.																																																															
Mounting Access. (Included)	8" slotted in-ground stake	8" in-ground stake																																																															
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems LK87CBR– Lock Nut																																																															
Notes	U.S. Patent Pending. See page 171 for photometrics.	Optional Lens Accessories Supplied: Linear and Clear Glass Options. Brass will naturally patina over time.																																																															
Photometric with Supplied Lamp	<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>3'</td> <td>9.30</td> <td>5.43</td> <td>1.81</td> <td>.9</td> <td>.18</td> <td>.09</td> </tr> <tr> <td>4'</td> <td>5.08</td> <td>3.05</td> <td>1.01</td> <td>.51</td> <td>.10</td> <td>.05</td> </tr> <tr> <td>5'</td> <td>3.25</td> <td>1.95</td> <td>.65</td> <td>.33</td> <td>.07</td> <td>.03</td> </tr> <tr> <td>6'</td> <td>2.26</td> <td>1.35</td> <td>.45</td> <td>.23</td> <td>.05</td> <td>.02</td> </tr> <tr> <td>7'</td> <td>1.66</td> <td>.99</td> <td>.33</td> <td>.17</td> <td>.03</td> <td>.03</td> </tr> <tr> <td>8'</td> <td>1.27</td> <td>.76</td> <td>.25</td> <td>.13</td> <td>.03</td> <td>.01</td> </tr> <tr> <td>9'</td> <td>1</td> <td>.6</td> <td>.1</td> <td>.1</td> <td>.02</td> <td>.01</td> </tr> <tr> <td>10'</td> <td>.81</td> <td>.49</td> <td>.08</td> <td>.08</td> <td>.02</td> <td>.01</td> </tr> </tbody> </table>			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	.1	.1	.02	.01	10'	.81	.49	.08	.08	.02	.01
	A	B	C	D	E	F																																																											
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10'	.81	.49	.08	.08	.02	.01																																																											

12V LED/INCANDESCENT ACCENT

ADJUSTABLE WALL WASH



15361 AZT, BKT

MR-16 MINI (DOWN)



15087 AZT

Ordering Guide & Finish	15361 AZT 15361 BKT	15087 AZT																																	
Housing	Cast Aluminum with clear polycarbonete shield	Cast Aluminum with stainless steel screen																																	
Lamp Base	12V Incandescent S-8 wedge base socket	12V Incandescent bi-pin, high temperature porcelain socket																																	
Supplied Lamp	24.4-W(VA) 3156K (15598 CLR), Krypton light source	Lamp not supplied unless noted																																	
Incandescent Lamp Options	Power usage at 12V AC input VA MAX: 24.4-W(VA) see page 140	Power usage at 12V AC input VA MAX: 50-W(VA) MR-16 20-W(VA) Max. Canada 35-W(VA) MR-11 see page 140																																	
LED Lamp Options	2W S8 Wedge (18122-18123) see page 137. Compares to 18.5W Krypton.	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen																																	
Wiring	42" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																	
Mounting Access. (Included)	8" slotted in-ground stake	15607 – Surface Mounting Bracket																																	
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems																																	
Optional Lens Accessories	N/A	N/A																																	
Notes	See page 175 for photometrics. LED option 15861 on page 26.	See page 175 for photometrics. For downlight use only.																																	
Photometric with Supplied Lamp	<table border="1"> <thead> <tr> <th>Distance from Wall</th> <th>0'</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> <th>7'</th> <th>8'</th> <th>9'</th> </tr> </thead> <tbody> <tr> <td>4'</td> <td>4.9</td> <td>3.6</td> <td>2.5</td> <td>1.6</td> <td>1.0</td> <td>.70</td> <td>.40</td> <td>.30</td> <td>.15</td> <td>.10</td> </tr> <tr> <td>8'</td> <td>1.2</td> <td>1.1</td> <td>.90</td> <td>.78</td> <td>.63</td> <td>.50</td> <td>.40</td> <td>.33</td> <td>.25</td> <td>.20</td> </tr> </tbody> </table>	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	.15	.10	8'	1.2	1.1	.90	.78	.63	.50	.40	.33	.25	.20	
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	.15	.10																									
8'	1.2	1.1	.90	.78	.63	.50	.40	.33	.25	.20																									

MR-16 MINI
(DOWN)



15093 WHT

LONG COWL
MINI



15494 AZT

	15093 WHT	15494 AZT
Ordering Guide & Finish	15093 WHT	15494 AZT
Housing	Cast Aluminum with stainless steel screen	Cast Aluminum. Heat-resistant flat glass lens is fully sealed.
Lamp Base	12V Incandescent bi-pin, high temperature porcelain socket	12V Incandescent bi-pin, high temperature porcelain socket
Supplied Lamp	Lamp not supplied unless noted	Lamp not supplied unless noted
Incandescent Lamp Options	Power usage at 12V AC input VA MAX: 50-W(VA) MR-16 20-W(VA) Max. Canada 35-W(VA) MR-11 see page 140	Power usage at 12V AC input VA MAX: 50-W(VA) MR-16 20-W(VA) Max. Canada 35-W(VA) MR-11 see page 140
LED Lamp Options	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied. 12V porcelain universal bi-pin socket.	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.
Mounting Access. (Included)	15607 – White Surface Mounting Bracket and Hardware	15609 – Junction Box Mounting Bracket
Optional Mounting Accessories	N/A	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow 15649 – Stem Coupler 15645, 15656, 15657, 15658 or 15570 – Stems
Optional Lens Accessories	N/A	15675 LIN – Linear Lens 15676 FRO – Frosted Lens 15679 BK – Louver 15686 BL – Blue Filter
Notes	See page 175 for photometrics. For downlight use only.	See page 175 for photometrics

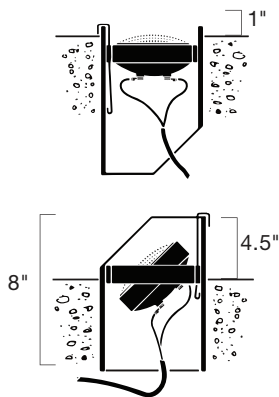
LED/INCANDESCENT 12V IN-GROUND

Bring the light center stage.



For use with a magnetic transformer combined with LED drop-in lamps, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not for use with 3rd party electronic transformers. Subjected to Highly Accelerated Life Testing – 3rd party reliability testing.

YOKE HELD PAR 36
WELL



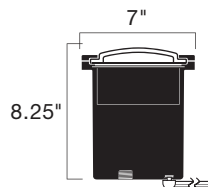
BK

15088 BK, 15088 BK12

ENCLOSED
PAR 36
IN-GROUND



Rock Guard/Glare
Shield Accessory

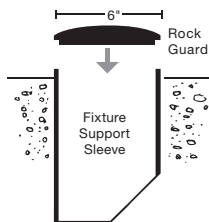


AZT

15194 AZT

Ordering Guide & Finish	15088 BK 15088 BK 12 – Same as 15088 BK. Bulk packed in 12 (unbreakable master) 15388 BK – Same as 15088 BK. 35-W PAR-36 included	15194 AZT
Housing	Stainless steel gimble ring with silicone rubber lamp support clips. Heavy-duty polycarbonate ground support sleeve.	Durable high temperature polymeric housing material. Glass lens for watertight outdoor inground use.
Lamp Base	12V PAR 36 lamp	12V PAR 36 lamp
Supplied Lamp	Lamp not supplied unless noted Power usage at 12V AC input VA MAX: 36-W(VA)	Lamp not supplied unless noted Power usage at 12V AC input VA MAX: 50-W(VA) 50-W(VA) PAR 36
Incandescent Lamp Options	N/A	N/A
LED Lamp Options	11W PAR36/AR111 (18021-18029) see page 137. Compares up to 50W Halogen.	11W PAR36/AR111 (18021-18029) see page 137. Compares up to 50W Halogen.
Wiring	42" of usable #18-2, SPT-1-W leads. Cable connectors supplied. Supply wire with lugs attach directly to PAR 36 light bulb screw terminals.	34" of usable #18-2, SPT-1-W leads. Cable connectors supplied. Supply wire with lugs attach directly to PAR 36 light bulb screw terminals.
Optional Lens Accessories	15689 BK – Lens Cover 15690 BK – Rock Guard	15694 – Rock Guard
Notes	See page 175 for photometrics. 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.	See page 175 for photometrics. Completely sealed well light creates unique lighting effects and reduces maintenance with Rock Guard/Glare Shield accessory (15694 AZ) on page 132. For use with LED PAR36 must flip orientation of lamp holder spacers.

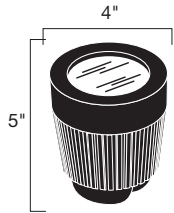
15690 BK snaps easily into place on flat side of fixture's sleeve.



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

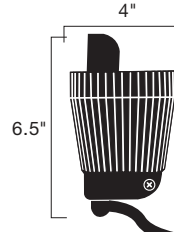
12V LED/INCANDESCENT IN-GROUND

MR16 MINI IN-GROUND



15190 BK

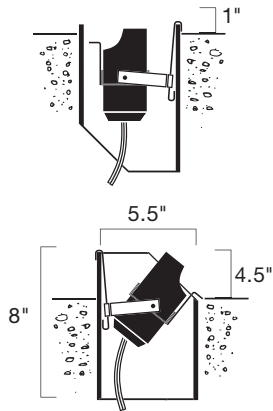
MR 16 MINI IN-GROUND WITH COWL



15192 BK

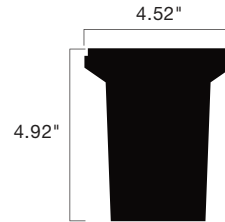
	15190 BK	15192 BK
Ordering Guide & Finish	15190 BK	15192 BK
Housing	Durable high heat thermo-plastic composite resin. Heat resistant convex shaped glass lens. Fully sealed for watertight outdoor usage.	Components of durable high heat thermoplastic composite resin. Glare shield molded into lid. Light bulb shielded by a heat-resistant convex shaped glass lens for better debris run-off. Fully sealed for watertight outdoor usage.
Lamp Base	12V bi-pin, high temperature porcelain socket	12V bi-pin, high temperature porcelain socket
Supplied Lamp	Lamp not supplied unless noted Power usage at 12V AC input VA MAX: 50-W(VA) 50-W(VA) MR-16: 35-W(VA) Max. MR-11	Lamp not included unless noted Power usage at 12V AC input VA MAX: 50-W(VA) 50-W(VA) MR-16 10-W(VA) MAX Canada 35-W(VA) Max. MR-11
Incandescent Lamp Options	N/A	N/A
LED Lamp Options	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen
Wiring	36" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	36" of usable #18-2, SPT-1-W leads. Cable connectors supplied.
Optional Lens Accessories	N/A	N/A
Notes	U.S. Patent No. D437,652. See page 175 for photometrics. Smaller version of our popular standard well light to shed focused upwards illumination on special features in the landscape. Recommended for salt-air environments.	See page 175 for photometrics. Same as 15190 with added glare shield for optimal viewing comfort. Recommended for salt air environments.

MR16 WELL



BKT

SOLID BRASS
IN-GROUND



CBR

Shown with
composite
sleeve installed

15092 BKT

15481 CBR

Ordering Guide & Finish	15092 BKT	15481 CBR
Housing	Aluminum housing with heat resistant flat glass lens is fully sealed. Heavy duty polypropylene sleeve provides in-ground fixture support.	Cast Brass with heat resistant frosted lens
Lamp Base	12V bi-pin, high temperature porcelain socket	12V bi-pin, high temperature porcelain socket
Supplied Lamp	Lamp not included unless noted Power usage at 12V AC input VA MAX: 50-W(VA) 50-W(VA) MR-16	Lamp not supplied unless noted
Incandescent Lamp Options	N/A	12V AC input. Max: 20-W(VA) MR-16 see page 140
LED Lamp Options	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen
Wiring	36" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	34" of usable #18-2, SPT-1-W leads. Cable connectors not included.
Optional Mounting Accessories	15675 LIN – Linear Lens 15676 FRO – Frosted Lens 15679 BK – Hexcell Louver Shield 15686 BL – Blue Filter	N/A
Optional Lens Accessories	N/A	15782 Rock guard with clear glass
Notes	See page 175 for photometrics	Composite installation sleeve included. Brass will develop natural patina over time.

LED/INCANDESCENT 12V WATER FEATURE

The perfect concert of sound, movement and light.

For use with a magnetic transformer combined with LED drop-in lamps, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not for use with 3rd party electronic transformers. Subjected to Highly Accelerated Life Testing – 3rd party reliability testing.


UNDERWATER



15191 BK

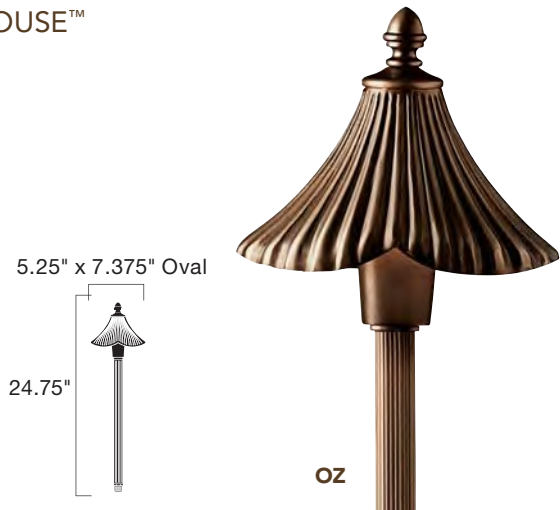
Ordering Guide & Finish	15191 BK
Housing	Components of durable high heat thermoplastic composite resin. Heat-resistant flat glass lens is fully sealed. Weighted base included.
Lamp Base	12V bi-pin, high temperature porcelain socket
Supplied Lamp	Lamp not included unless noted
Incandescent Lamp Options	Power usage at 12V AC input VA MAX: 50-W(VA) MR-16 35-W(VA) Max. MR-11
LED Lamp Options	4W (18126-18133) see page 137 Compares to 20W Halogen 5W (18134-18141) see page 137 Compares to 35W Halogen
Wiring	25' of #18-2, STW leads
Notes	Note: NOT for pool and spa use.

LED/INCANDESCENT 12V PATH & SPREAD



For use with a magnetic transformer combined with LED drop-in lamps, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not for use with 3rd party electronic transformers. Subjected to Highly Accelerated Life Testing – 3rd party reliability testing.

GATE HOUSE™



15379 OZ

ARIES MANOR™



15447 OZ

Ordering Guide & Finish	15379 OZ	15447 OZ																																								
Housing	Cast Brass	Brass with cocoa turned marble accent																																								
Lamp Base	12V S8 wedge base socket	12V T5 wedge base socket																																								
Supplied Lamp	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)	11.6-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)																																								
Incandescent Lamp Options	18.5-W(VA) 3155K (15599 CLR)	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)																																								
LED Lamp Options	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.	2W (18039-18041) see page 137. Compares up to 16W Xenon.																																								
Wiring	34" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	24" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																								
Mounting Access. (Included)	14" In-ground slotted stake	8" In-ground slotted stake																																								
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																																								
Notes	U.S. Patent No. D561,371. Brass will develop natural patina over time.	Brass will develop natural patina over time																																								
Photometric with Supplied Lamp	<table border="1"> <tr> <td>Distance from Light</td> <td>0'</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> </tr> <tr> <td>Foot Candles</td> <td>8.16</td> <td>3.43</td> <td>3.43</td> <td>1.46</td> <td>.33</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Foot Candles	8.16	3.43	3.43	1.46	.33	-	-	-	-	<table border="1"> <tr> <td>Distance from Light</td> <td>0'</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> </tr> <tr> <td>Foot Candles</td> <td>6.9</td> <td>4.9</td> <td>2.9</td> <td>1.3</td> <td>0.4</td> <td>0.1</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Foot Candles	6.9	4.9	2.9	1.3	0.4	0.1	-	-	-
Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'																																	
Foot Candles	8.16	3.43	3.43	1.46	.33	-	-	-	-																																	
Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'																																	
Foot Candles	6.9	4.9	2.9	1.3	0.4	0.1	-	-	-																																	

12V LED/INCANDESCENT PATH & SPREAD

SINGLE-TIER LEAF



15314 AZT, MST

INTAGLIO BRASS CROOK NECK



15436 OZ

Ordering Guide & Finish	15314 AZT 15314 MST	15436 OZ																																								
Housing	Cast Aluminum	Brass																																								
Lamp Base	12V S8 wedge base socket	12V T5 wedge base socket																																								
Supplied Lamp	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)	11.6-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)																																								
Incandescent Lamp Options	18.5-W(VA) 3155K (15599 CLR)	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)																																								
LED Lamp Options	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.	2W (18039-18041) see page 137. Compares up to 16W Xenon.																																								
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	26" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																								
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake																																								
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																																								
Notes	N/A	Brass will develop natural patina over time																																								
Photometric with Supplied Lamp	<table border="1"> <tr> <td>Distance from Light</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> <td>9'</td> </tr> <tr> <td>Foot Candles</td> <td>2.6</td> <td>3.2</td> <td>1.2</td> <td>.5</td> <td>.2</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Foot Candles	2.6	3.2	1.2	.5	.2	-	-	-	-	<table border="1"> <tr> <td>Distance from Light</td> <td>0'</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> </tr> <tr> <td>Foot Candles</td> <td>8.9</td> <td>5.3</td> <td>2.1</td> <td>0.5</td> <td>.02</td> <td>0</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Foot Candles	8.9	5.3	2.1	0.5	.02	0	-	-	-
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'																																	
Foot Candles	2.6	3.2	1.2	.5	.2	-	-	-	-																																	
Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'																																	
Foot Candles	8.9	5.3	2.1	0.5	.02	0	-	-	-																																	

THATCHED
ROOF



VINTAGE
PARK™



15401 AZT

15369 TZT

Ordering Guide & Finish	15401 AZT	15369 TZT
Housing	Cast Aluminum with clear glass sprinkler shield	Cast Aluminum with tea dust glass
Lamp Base	12V T3 bi-pin, high temperature porcelain socket	12V S8 wedge base socket
Supplied Lamp	20-W(VA) T3 (17012) Halogen light source Power usage at 12V AC input VA MAX: 20-W(VA)	18.5-W(VA) 3155K (15599 CLR) Krypton light source Power usage at 12V AC input VA MAX: 18.5-W(VA)
Incandescent Lamp Options	10-W(VA) T-3 (17011)	N/A
LED Lamp Options	2W (18042-18044) see page 137. Compares up to 20W Halogen.	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.
Wiring	20" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	32" of usable #18-2, SPT-1-W leads. Cable connectors supplied.
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
Notes	U.S. Patent Pending	U.S. Patent No. D570,517
Photometric with Supplied Lamp	Distance from Light	0' 1' 2' 3' 4' 5' 6' 7' 8'
	Foot Candles	9.9 7.3 1.7 .76 .16 – – – –
	Distance from Light	0' 1' 2' 3' 4' 5' 6' 7' 8'
	Foot Candles	10.13 4 .9 .1 – – – –

12V LED/INCANDESCENT PATH & SPREAD

KENTUCKY



15393 OZ

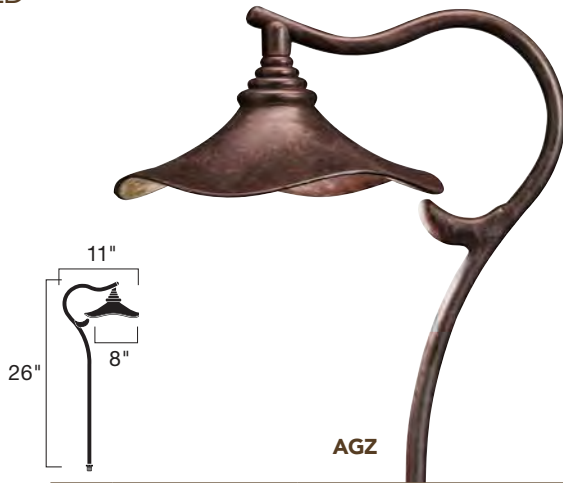
ALMERIA™



15426 OZ

Ordering Guide & Finish	15393 OZ	15426 OZ																																								
Housing	Cast Brass with light linen glass	Aluminum and Brass with light umber glass																																								
Lamp Base	12V T5 wedge base socket	12V T5 wedge base socket																																								
Supplied Lamp	11.6-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)	11.6-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 11.6-W(VA)																																								
Incandescent Lamp Options	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)																																								
LED Lamp Options	2W (18039-18041) see page 137. Compares up to 16W Xenon.	2W (18039-18041) see page 137. Compares up to 16W Xenon.																																								
Wiring	41" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	34" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																								
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake																																								
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																																								
Notes	U.S. Patent Pending. Brass will develop natural patina over time.	U.S. Patent No. D578,238. Brass will develop natural patina over time.																																								
Photometric with Supplied Lamp	<table border="1"> <tr> <td>Distance from Light</td> <td>6"</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> </tr> <tr> <td>Foot Candles</td> <td>8.96</td> <td>2.6</td> <td>.43</td> <td>.13</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	6"	1'	2'	3'	4'	5'	6'	7'	8'	Foot Candles	8.96	2.6	.43	.13	-	-	-	-	-	<table border="1"> <tr> <td>Distance from Light</td> <td>0'</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> </tr> <tr> <td>Foot Candles</td> <td>10</td> <td>5.2</td> <td>.8</td> <td>.2</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Foot Candles	10	5.2	.8	.2	-	-	-	-	-
Distance from Light	6"	1'	2'	3'	4'	5'	6'	7'	8'																																	
Foot Candles	8.96	2.6	.43	.13	-	-	-	-	-																																	
Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'																																	
Foot Candles	10	5.2	.8	.2	-	-	-	-	-																																	

COTSWOLD™



15422 AGZ

COTSWOLD™

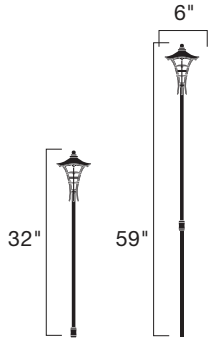


15420 AGZ

Ordering Guide & Finish	15422 AGZ	15420 AGZ																																								
Housing	Cast Aluminum	Cast Aluminum with weathered white glass																																								
Lamp Base	12V T5 wedge base socket	12V T5 wedge base socket																																								
Supplied Lamp	11.6-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)	11.6-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)																																								
Incandescent Lamp Options	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)																																								
LED Lamp Options	2W (18039-18041) see page 137. Compares up to 16W Xenon.	2W (18039-18041) see page 137. Compares up to 16W Xenon.																																								
Wiring	26" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	28" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																								
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake																																								
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																																								
Photometric with Supplied Lamp	<table border="1"> <tr> <td>Distance from Light</td> <td>6"</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> </tr> <tr> <td>Foot Candles</td> <td>8.8</td> <td>7</td> <td>3.6</td> <td>1.4</td> <td>.4</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	6"	1'	2'	3'	4'	5'	6'	7'	8'	Foot Candles	8.8	7	3.6	1.4	.4	-	-	-	-	<table border="1"> <tr> <td>Distance from Light</td> <td>0'</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> </tr> <tr> <td>Foot Candles</td> <td>14.9</td> <td>2.5</td> <td>1.3</td> <td>.5</td> <td>.1</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Foot Candles	14.9	2.5	1.3	.5	.1	-	-	-	-
Distance from Light	6"	1'	2'	3'	4'	5'	6'	7'	8'																																	
Foot Candles	8.8	7	3.6	1.4	.4	-	-	-	-																																	
Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'																																	
Foot Candles	14.9	2.5	1.3	.5	.1	-	-	-	-																																	

12V LED/INCANDESCENT PATH & SPREAD

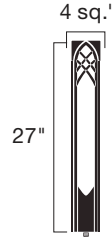
COTSWOLD™
 CONVERTIBLE
 HEIGHT TIKI



AGZ

15421 AGZ

CATHEDRAL
 BOLLARD



TZZ

15449 TZZ

Ordering Guide & Finish	15421 AGZ	15449 TZZ																			
Housing	Cast Aluminum with weathered white glass	Aluminum with dark citrine glass																			
Lamp Base	12V T5 wedge base socket	12V T5 wedge base socket																			
Supplied Lamp	11.6-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)	11.6-W(VA) 912X (17023) (2) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)																			
Incandescent Lamp Options	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021) (2 required)																			
LED Lamp Options	2W (18039-18041) see page 137. Compares up to 16W Xenon.	2W (18039-18041) see page 137. Compares up to 16W Xenon.	2W (18120-18121) see page 138. Compares up to 16W Xenon.																		
Wiring	24" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	22" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																			
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake																			
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	N/A																			
Photometric with Supplied Lamp	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	(at 32" height)	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
	Foot Candles	.25	.3	.2	.1	-	-	-	-	-	-	Distance from Light	0.44	1.81	1.26	0.70	0.39	0.25	0.16	.012	.010

CATHEDRAL™



15429 TZT

PIERCED
DOME



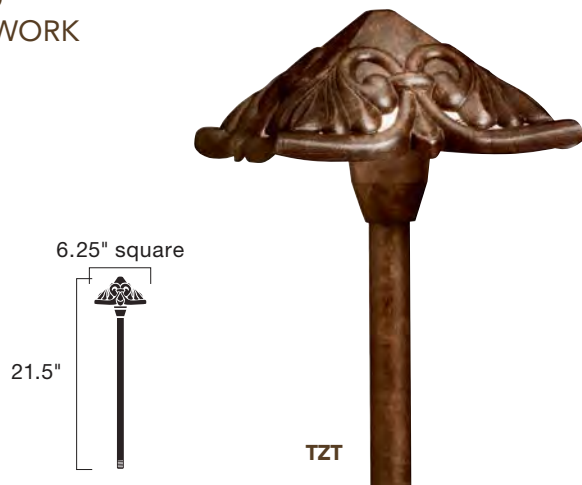
AZT

15457 AZT

Ordering Guide & Finish	15429 TZT	15457AZT
Housing	Aluminum	Cast Aluminum
Lamp Base	12V T5 wedge base socket	12V T5 wedge base socket
Supplied Lamp	11.6-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)	16.25-W(VA) 921X (17025) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)
Incandescent Lamp Options	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)
LED Lamp Options	2W (18039-18041) see page 137. Compares up to 16W Xenon.	2W (18039-18041) see page 137. Compares up to 16W Xenon.
Wiring	24" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	24" of usable #18-2, SPT-1-W leads. Cable connectors supplied.
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
Integrated LED Options	N/A	15857 on page 48
Photometric with Supplied Lamp	Distance from Light	0' 1' 2' 3' 4' 5' 6' 7' 8'
	Foot Candles	7.52 5.42 0.47 1.15 0.32 0.05 – – –
	Distance from Light	0' 1' 2' 3' 4' 5' 6' 7' 8'
	Foot Candles	9.36 5.22 3.76 2.02 0.89 0.12 0.05 – –

12V LED/INCANDESCENT PATH & SPREAD

PIERCED SCROLLWORK



TZT

15437 TZT

ADJUSTABLE CRESCENT

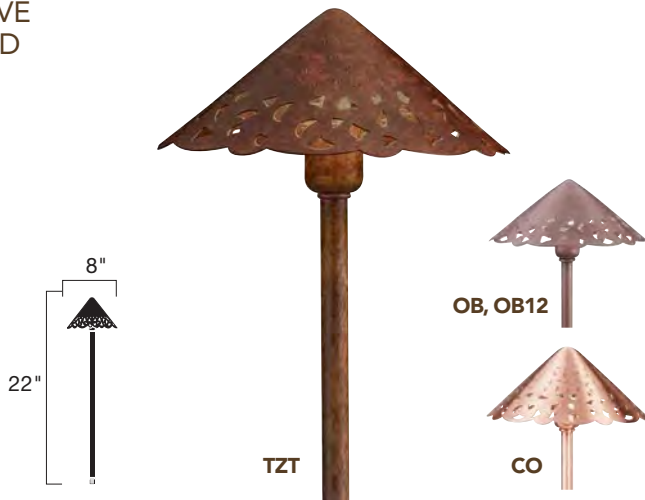


OZ

15330 OZ

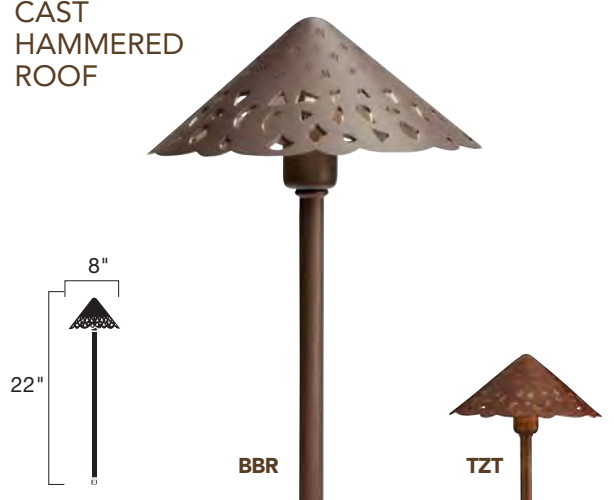
Ordering Guide & Finish	15437 TZT	15330 OZ																		
Housing	Cast Aluminum	Brass																		
Lamp Base	12V T5 wedge base socket	12V S8 wedge base socket																		
Supplied Lamp	16.25-W(VA) 921X (17025) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)																		
Incandescent Lamp Options	11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	18.5-W(VA) 3155K (15599 CLR)																		
LED Lamp Options	2W (18039-18041) see page 137. Compares up to 16W Xenon.	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.	2W (18122-18123) see page 138. Compares up to 18.5W Krypton.																	
Wiring	24" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	42" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																		
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake																		
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																		
Notes	N/A	Adjustable shade on this versatile fixture allows it to be used as a path or accent light or for wall washing. Brass will develop natural patina over time.																		
Photometric with Supplied Lamp	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
	Foot Candles	11.04	6.99	3.14	1.56	0.44	0.10	0.05	0.03	-	Foot Candles	15.18	9.98	4.13	1.52	.6	.22	.03	-	-

DECORATIVE
HAMMERED
ROOF



15443 CO, OB, OB12, TZT

CAST
HAMMERED
ROOF



15471 BBR, TZT

Ordering Guide & Finish	15443 CO 15443 OB 15443 OB12 – Same as 15443OB. Bulk packed in 12 (unbreakable master) 15443 TZT	15471 BBR 15471 TZT																																								
Housing	Brass or Copper	Cast Aluminum, Cast Brass																																								
Lamp Base	12V S8 wedge base socket	12V S8 wedge base socket																																								
Supplied Lamp	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)	24.4-W(VA) 3156K (15598CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)																																								
Incandescent Lamp Options	18.5-W(VA) 3155K (15599 CLR)	18.5-W(VA) 3155K (15599CLR)																																								
LED Lamp Options	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.																																								
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																								
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake																																								
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																																								
Integrated LED Options	15843 on page 34	15871 on page 34																																								
Notes	U.S. Patent No. D408,573. Brass or Copper will naturally patina over time.	Brass will develop natural patina over time																																								
Photometric with Supplied Lamp	<table border="1"> <tr> <td>Distance from Light</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> <td>9'</td> </tr> <tr> <td>Foot Candles</td> <td>8.9</td> <td>2.8</td> <td>.6</td> <td>.15</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Foot Candles	8.9	2.8	.6	.15	-	-	-	-	-	<table border="1"> <tr> <td>Distance from Light</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> <td>9'</td> </tr> <tr> <td>Foot Candles</td> <td>8.9</td> <td>2.8</td> <td>.6</td> <td>.15</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Foot Candles	8.9	2.8	.6	.15	-	-	-	-	-
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'																																	
Foot Candles	8.9	2.8	.6	.15	-	-	-	-	-																																	
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'																																	
Foot Candles	8.9	2.8	.6	.15	-	-	-	-	-																																	

12V LED/INCANDESCENT PATH & SPREAD

RIBBED ROOF



15418 AZT

TULIP



15349 MST

Ordering Guide & Finish	15418 AZT	15349 MST
Housing	Cast Aluminum with clear glass sprinkler shield	Aluminum
Lamp Base	12V T3 bi-pin, high temperature porcelain socket	12V S8 wedge base socket
Supplied Lamp	20-W(VA) T3 (17012) halogen Halogen light source Power usage at 12V AC input VA MAX: 20-W(VA)	18.5-W(VA) 3155K (15599 CLR) Krypton light source Power usage at 12V AC input VA MAX: 18.5-W(VA)
Incandescent Lamp Options	10-W(VA) T-3 (17011)	N/A
LED Lamp Options	2W (18042-18044) see page 137. Compares up to 20W Halogen.	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.
Wiring	20" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	37" of usable #18-2, SPT-1-W leads. Cable connectors supplied.
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
Integrated LED Options	N/A	N/A
Notes	N/A	N/A
Photometric with Supplied Lamp	Distance from Light	Distance from Light
	Foot Candles	Foot Candles

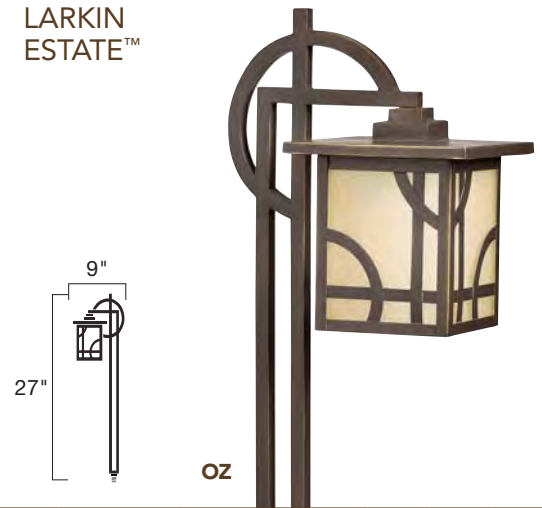
LAFAYETTE™
LANTERN



TZG

15313 TZG

LARKIN
ESTATE™



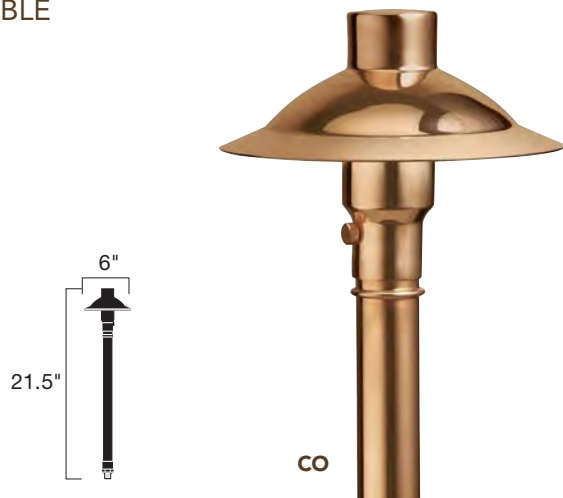
OZ

15444 OZ

Ordering Guide & Finish	15313 TZG	15444 OZ																																								
Housing	Cast Aluminum with linen seeded glass	Cast Brass with umber etched glass																																								
Lamp Base	12V T5 wedge base socket	12V S8 wedge base socket																																								
Supplied Lamp	16.25-W(VA) 912X (17025) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)	11.6-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)																																								
Incandescent Lamp Options	11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	18.5-W(VA) 3155K (15599CLR)																																								
LED Lamp Options	2W (18039-18041) see page 137. Compares up to 16W Xenon.	2W (18039-18041) see page 137. Compares up to 16W Xenon.																																								
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	40" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																								
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake																																								
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																																								
Notes	U.S. Patent Pending	Brass will develop natural patina over time																																								
Photometric with Supplied Lamp	<table border="1"> <tr> <td>Distance from Light</td> <td>0'</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> </tr> <tr> <td>Foot Candles</td> <td>1.3</td> <td>3</td> <td>1.96</td> <td>.86</td> <td>.33</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Foot Candles	1.3	3	1.96	.86	.33	-	-	-	-	<table border="1"> <tr> <td>Distance from Light</td> <td>0'</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> </tr> <tr> <td>Foot Candles</td> <td>10.8</td> <td>6.9</td> <td>0.7</td> <td>0.4</td> <td>0.2</td> <td>0.1</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Foot Candles	10.8	6.9	0.7	0.4	0.2	0.1	-	-	-
Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'																																	
Foot Candles	1.3	3	1.96	.86	.33	-	-	-	-																																	
Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'																																	
Foot Candles	10.8	6.9	0.7	0.4	0.2	0.1	-	-	-																																	

12V LED/INCANDESCENT PATH & SPREAD

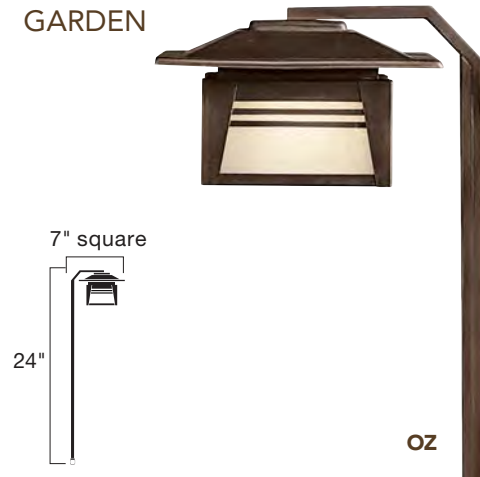
ADJUSTABLE COPPER



CO

15350 CO

ZEN GARDEN

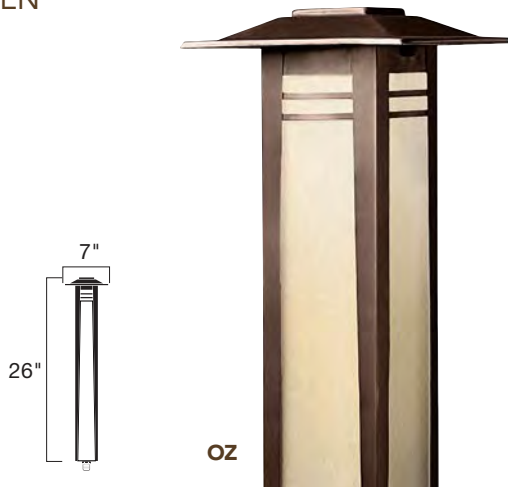


OZ

15391 OZ

Ordering Guide & Finish	15350 CO	15391 OZ
Housing	Copper	Brass with textured amber seedy linen glass
Lamp Base	12V S8 wedge base socket	12V T5 wedge base socket
Supplied Lamp	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)	11.6-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)
Incandescent Lamp Options	18.5-W 3155K (15599 CLR)	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)
LED Lamp Options	N/A	2W (18039-18041) see page 137. Compares up to 16W Xenon.
Wiring	21" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket
Integrated LED Options	15850 on page 36	U.S. Patent Pending
Notes	Copper will naturally patina over time. Adjustable head.	Brass will develop natural patina over time
Photometric with Supplied Lamp	Distance from Light	Distance from Light
	Bottom	Foot Candles
	Middle	
	Top	

ZEN GARDEN
BOLLARD



15392 OZ

MISSION
LANTERN

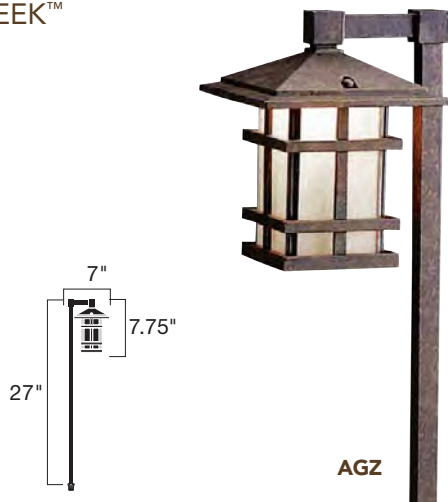


15319 PZ

Ordering Guide & Finish	15392 OZ		15319 PZ																	
Housing	Brass with textured amber seedy linen glass		Brass with satin-etched glass																	
Lamp Base	12V T5 wedge base socket		12V S8 wedge base socket																	
Supplied Lamp	11.6-W 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)		18.5-W(VA) 3155K (15599 CLR) Krypton light source Power usage at 12V AC input VA MAX: 18.5-W(VA)																	
Incandescent Lamp Options	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)		N/A																	
LED Lamp Options	2W (18039-18041) see page 137. Compares up to 16W Xenon.	2W (18120-18123) see page 138. Compares up to 16W Xenon.	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.																	
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		40" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																	
Mounting Access. (Included)	8" In-ground slotted stake		8" In-ground slotted stake																	
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																	
Notes	U.S. Patent Pending. Brass will develop natural patina over time.		Brass will develop natural patina over time																	
Photometric with Supplied Lamp	Distance from Light	.5'	1'	2'	3'	4'	5'	6'	7'	8'	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
	Foot Candles	.16	.36	.20	-	-	-	-	-	-	Foot Candles	2.11	7.3	1.7	.7	.5	-	-	-	-

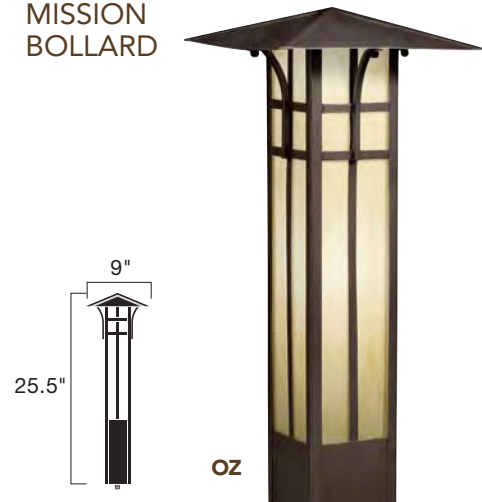
12V LED/INCANDESCENT PATH & SPREAD

CROSS CREEK™
LANTERN



15322 AGZ

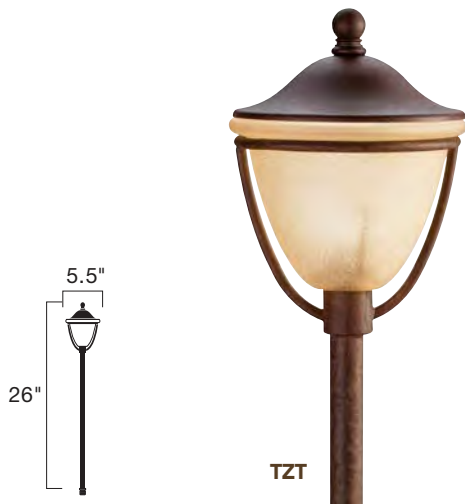
MISSION
BOLLARD



15458 OZ

Ordering Guide & Finish	15322 AGZ	15458 OZ																		
Housing	Cast Aluminum with textured linen seeded glass panels	Brass with honey beige glass																		
Lamp Base	12V T5 wedge base socket	12V T5 wedge base socket																		
Supplied Lamp	16.25-W(VA) 921X (17025) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)	11.6-W(VA) 912X (17023) (qty 2) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)																		
Incandescent Lamp Options	11.6-W(VA) 921X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021) (2 required)																		
LED Lamp Options	2W (18039-18041) see page 137. Compares up to 16W Xenon.	2W (18039-18041) see page 137. Compares up to 16W Xenon.	2W (18120-18121) see page 138. Compares up to 16W Xenon.																	
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	22" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																		
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake																		
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	N/A																		
Notes	U.S. Patent No. D580,084	Brass will develop natural patina over time																		
Photometric with Supplied Lamp	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
	Bottom	3.2	1.2	.26	-	-	-	-	-	-	Foot Candles	0.44	1.81	1.26	0.70	0.39	0.25	0.16	0.12	0.10

ROUND
LANTERN



TZT

15367 TZT

TRADITIONAL
MARINE
LANTERN



OZ

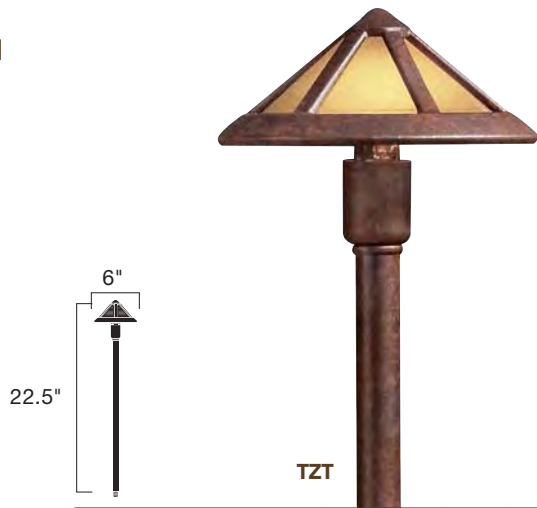
OB

15438 OB, OZ

Ordering Guide & Finish	15367 TZT	15438 OB 15438 OZ																																								
Housing	Cast Aluminum with etched sunset glass	Brass with white polycarbonate diffuser																																								
Lamp Base	12V S8 wedge base socket	12V S8 wedge base socket																																								
Supplied Lamp	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)	18.5-W(VA) 3155K (15599 CLR) Krypton light source Power usage at 12V AC input VA MAX: 18.5-W(VA)																																								
Incandescent Lamp Options	18.5-W(VA) 3155K (15599 CLR)	N/A																																								
LED Lamp Options	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.																																								
Wiring	51" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	26" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																								
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake																																								
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																																								
Notes	U.S. Patent No. D580,084	Brass will develop natural patina over time																																								
Photometric with Supplied Lamp	<table border="1"> <tr> <td>Distance from Light</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> <td>9'</td> </tr> <tr> <td>Foot Candles</td> <td>5.03</td> <td>3.18</td> <td>1.45</td> <td>.68</td> <td>.3</td> <td>.13</td> <td>.03</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Foot Candles	5.03	3.18	1.45	.68	.3	.13	.03	-	-	<table border="1"> <tr> <td>Distance from Light</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> <td>9'</td> </tr> <tr> <td>Foot Candles</td> <td>2.9</td> <td>1.2</td> <td>.3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Foot Candles	2.9	1.2	.3	-	-	-	-	-	-
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Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'																																	
Foot Candles	2.9	1.2	.3	-	-	-	-	-	-																																	

12V LED/INCANDESCENT PATH & SPREAD

MICA MISSION



15450 TZT

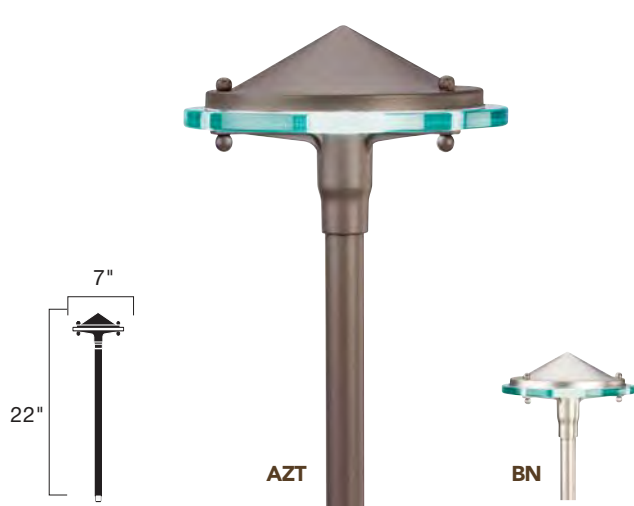
CONCORD LANTERN



15334 OB

Ordering Guide & Finish	15450 TZT	15334 OB																																								
Housing	Cast Aluminum with mica finished glass panels	Brass with stainless steel rods and seedy glass																																								
Lamp Base	12V T5 wedge base socket	12V T5 wedge base socket																																								
Supplied Lamp	11.6-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)	6.5-W(VA) 918X (17022) Xenon light source Power usage at 12V AC input VA MAX: 6.5-W(VA)																																								
Incandescent Lamp Options	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	4-W(VA) 901X (17022)																																								
LED Lamp Options	N/A	2W (18039-18041) see page 137. Compares up to 16W Xenon.																																								
Wiring	22" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	20" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																								
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake																																								
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Photometric with Supplied Lamp	<table border="1"> <thead> <tr> <th>Distance from Light</th> <th>0'</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> <th>7'</th> <th>8'</th> </tr> </thead> <tbody> <tr> <td>Bottom</td> <td>1.34</td> <td>1.61</td> <td>1.63</td> <td>0.86</td> <td>0.46</td> <td>0.28</td> <td>0.07</td> <td>0.07</td> <td>-</td> </tr> </tbody> </table>	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Bottom	1.34	1.61	1.63	0.86	0.46	0.28	0.07	0.07	-	<table border="1"> <thead> <tr> <th>Distance from Light</th> <th>0'</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> <th>7'</th> <th>8'</th> </tr> </thead> <tbody> <tr> <td>Foot Candles</td> <td>20.9</td> <td>4.7</td> <td>.6</td> <td>.2</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Foot Candles	20.9	4.7	.6	.2	-	-	-	-	-
Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'																																	
Bottom	1.34	1.61	1.63	0.86	0.46	0.28	0.07	0.07	-																																	
Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'																																	
Foot Candles	20.9	4.7	.6	.2	-	-	-	-	-																																	

GLASS &
METAL



15317 AZT, BN

GALAXY



15318 AZT

Ordering Guide & Finish	15317 AZT 15317 BN	15318 AZT																																								
Housing	Aluminum (AZT) or Brass (BN) with glass diffuser	Aluminum																																								
Lamp Base	12V S8 wedge base socket	12V S8 wedge base socket																																								
Supplied Lamp	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)																																								
Incandescent Lamp Options	18.5-W(VA) 3155K (15599 CLR)	18.5-W(VA) 3155K (15599 CLR)																																								
LED Lamp Options	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.																																								
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																								
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake																																								
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																																								
Integrated LED Options	15817 on page 40	N/A																																								
Notes	Brass will develop natural patina over time	N/A																																								
Photometric with Supplied Lamp	<table border="1"> <tr> <td>Distance from Light</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> <td>9'</td> </tr> <tr> <td>Foot Candles</td> <td>9.4</td> <td>4.8</td> <td>2</td> <td>.72</td> <td>.32</td> <td>.16</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Foot Candles	9.4	4.8	2	.72	.32	.16	-	-	-	<table border="1"> <tr> <td>Distance from Light</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> <td>9'</td> </tr> <tr> <td>Foot Candles</td> <td>2.6</td> <td>3.2</td> <td>1.2</td> <td>.5</td> <td>.2</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Foot Candles	2.6	3.2	1.2	.5	.2	-	-	-	-
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'																																	
Foot Candles	9.4	4.8	2	.72	.32	.16	-	-	-																																	
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'																																	
Foot Candles	2.6	3.2	1.2	.5	.2	-	-	-	-																																	

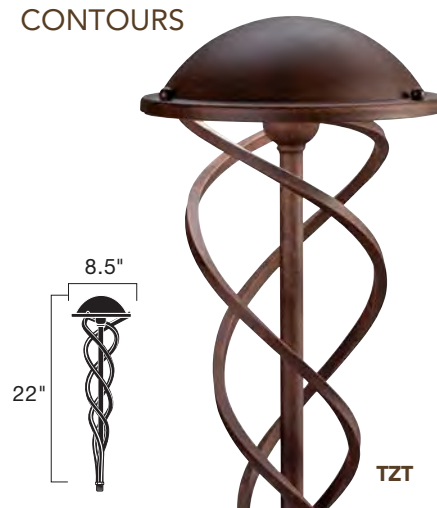
12V LED/INCANDESCENT PATH & SPREAD

SIMPLICITY SIDE MOUNT



15360 AZT

CONTOURS



15333 TZT

Ordering Guide & Finish	15360 AZT		15333 TZT																	
Housing	Aluminum		Aluminum																	
Lamp Base	12V S8 wedge base socket		12V S8 wedge base socket																	
Supplied Lamp	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)		24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)																	
Incandescent Lamp Options	18.5-W(VA) 3155K (15599 CLR)		18.5-W(VA) 3155K (15599 CLR)																	
LED Lamp Options	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.	2W (18122-18123) see page 137. Compares up to 18.5W Krypton.	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.																	
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.		34" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																	
Mounting Access. (Included)	8" In-ground slotted stake		8" In-ground slotted stake																	
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket		15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																	
Notes	N/A		U.S. Patent Pending																	
Photometric with Supplied Lamp	Distance from Light	.5'	1'	2'	3'	4'	5'	6'	7'	8'	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8 1/2'	9'
	Bottom	20.7	10.8	3.5	1.1	.4	.1	-	-	-	Foot Candles	11.9	6.6	2.58	.88	.28	-	-	-	-

FUNDAMENTALS™



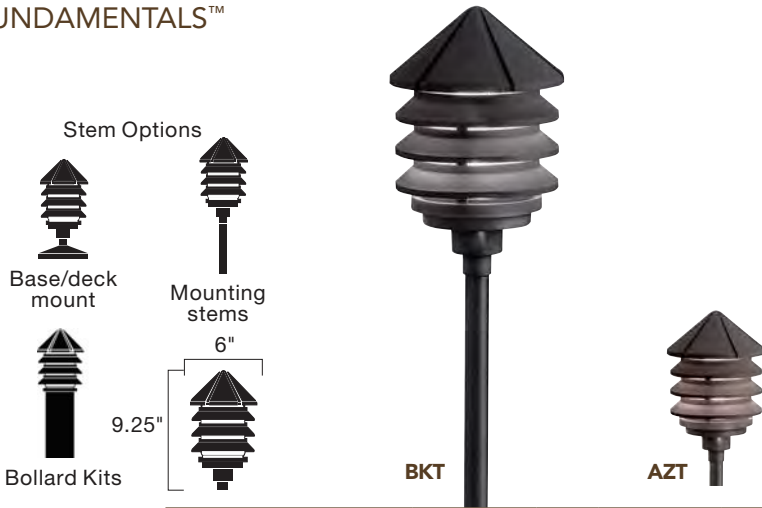
15439 CO, OB, TZT

15328 AZT

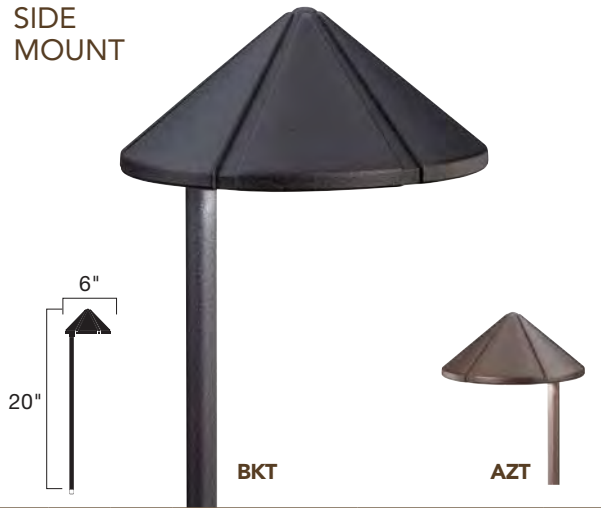
Ordering Guide & Finish	15439 CO 15439 OB 15439 TZT	15328 AZT																			
Housing	Brass or Unfinished Copper	Aluminum																			
Lamp Base	12V S8 wedge base socket	12V S8 wedge base socket																			
Supplied Lamp	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)																			
Incandescent Lamp Options	18.5-W(VA) 3155K (15599 CLR)	18.5-W(VA) 3155K (15599 CLR)																			
LED Lamp Options	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.																			
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																			
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake																			
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																			
Integrated LED Options	15839 on page 35	NA																			
Notes	Copper will develop natural patina over time	N/A																			
Photometric with Supplied Lamp	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Stem Height	1'	2'	3'	4'	5'	6'	7'	8'	9'	
	Foot Candles	13.4	4.55	1.65	.58	.13	-	-	-	-	12"	20.8	4.1	.27	-	-	-	-	-	-	-
											18" Supplied	12.1	5.6	1.8	.67	-	-	-	-	-	-
											24"	8.3	5.8	2.2	.97	.48	.02	-	-	-	-

12V LED/INCANDESCENT PATH & SPREAD

FUNDAMENTALS™



SIDE MOUNT



15005 AZT, BKT

15315 AZT, AZT6, BKT

Ordering Guide & Finish	15005 AZT 15005 BKT	15315 AZT – Textured Architectural Bronze 15315 AZT6 – Same as 15315 AZT. Bulk packed in 6. 15315 BKT – Textured Black																																																																																
Housing	Cast Aluminum with molded ribbed diffuser of clear UV stabilized high impact resistant polycarbonate	Cast Aluminum																																																																																
Lamp Base	12V S8 wedge base socket	12V S8 wedge base socket																																																																																
Supplied Lamp	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)																																																																																
Incandescent Lamp Options	18.5-W(VA) 3155K (15599 CLR)	18.5-W(VA) 3155K (15599 CLR)																																																																																
LED Lamp Options	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.	2W (18122-18123) see page 138. Compares up to 18.5W Krypton.																																																																															
Wiring	52" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																																																																
Mounting Access. (Included)	NA	8" In-ground slotted stake and 18" stem																																																																																
Optional 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																																																																																
Integrated LED Option	NA	15815 – on Page 40																																																																																
Notes	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 121.	Coordinates with matching deck light 15065 on page 121. 1/2" Bass coupling included.																																																																																
Photometric with Supplied Lamp	<table border="1"> <thead> <tr> <th>Stem Height</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> <th>7'</th> <th>8'</th> <th>9'</th> </tr> </thead> <tbody> <tr> <td>12"</td> <td>2.1</td> <td>.93</td> <td>.67</td> <td>.18</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>18"</td> <td>1.8</td> <td>.73</td> <td>.4</td> <td>.27</td> <td>0.3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>24"</td> <td>1.2</td> <td>.67</td> <td>.33</td> <td>.35</td> <td>.27</td> <td>.15</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	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	-	-	-	<table border="1"> <thead> <tr> <th>Stem Height</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> <th>7'</th> <th>8'</th> <th>9'</th> </tr> </thead> <tbody> <tr> <td>12"</td> <td>18.7</td> <td>4.3</td> <td>1.4</td> <td>.27</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>18" Supplied</td> <td>15</td> <td>5.2</td> <td>1.8</td> <td>.8</td> <td>.27</td> <td>.03</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>24"</td> <td>11.6</td> <td>5.1</td> <td>2.2</td> <td>.97</td> <td>.48</td> <td>.2</td> <td>.07</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Stem Height	1'	2'	3'	4'	5'	6'	7'	8'	9'	12"	18.7	4.3	1.4	.27	-	-	-	-	-	18" Supplied	15	5.2	1.8	.8	.27	.03	-	-	-	24"	11.6	5.1	2.2	.97	.48	.2	.07	-	-
	Stem Height	1'	2'	3'	4'	5'	6'	7'	8'	9'																																																																								
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24"	1.2	.67	.33	.35	.27	.15	-	-	-																																																																									
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24"	11.6	5.1	2.2	.97	.48	.2	.07	-	-																																																																									

CENTER
MOUNT



15326 AZT, BKT

ONE TIER

Stem Options



Bollard Kits



Mounting stems

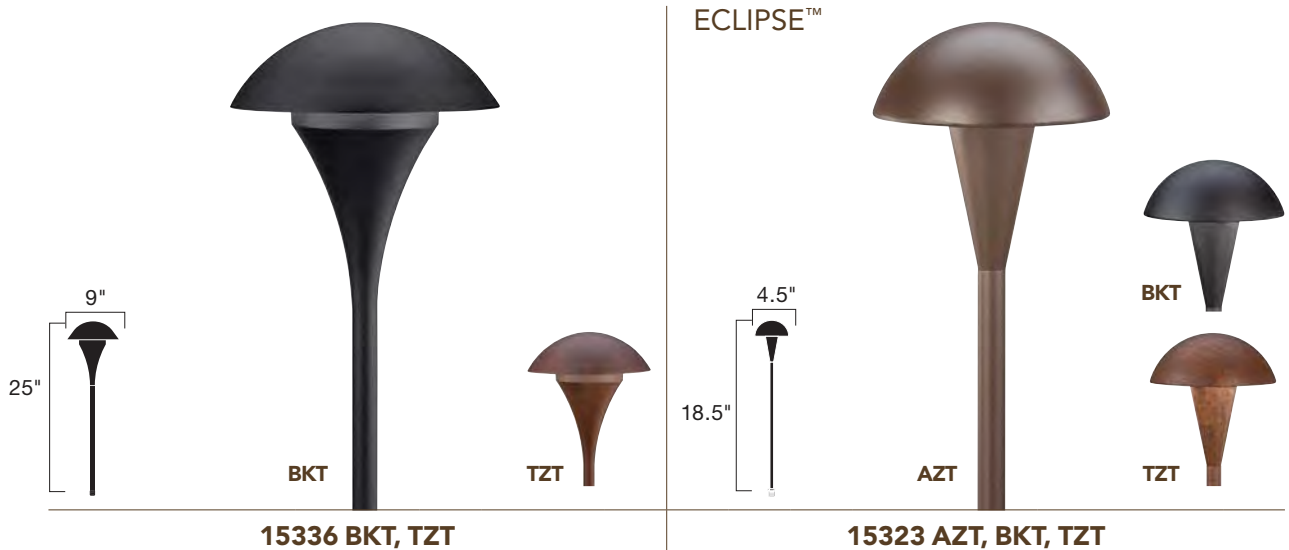


15011 AZT

Ordering Guide & Finish	15326 AZT 15326 BKT	15011 AZT																																																																																
Housing	Cast Aluminum	Cast Aluminum with molded ribbed diffuser of clear UV stabilized high impact resistant polycarbonate																																																																																
Lamp Base	12V S8 wedge base socket	12V S8 wedge base socket																																																																																
Supplied Lamp	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)																																																																																
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Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	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																																																																																
Integrated LED Options	15826 – on Page 41	NA																																																																																
Notes	Coordinates with matching deck light 15065 on page 121. 1/2" Bass coupling included.	Coordinates with matching deck light 15065 on page 121.																																																																																
Photometric with Supplied Lamp	<table border="1"> <thead> <tr> <th>Stem Height</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> <th>7'</th> <th>8'</th> <th>9'</th> </tr> </thead> <tbody> <tr> <td>12"</td> <td>21.8</td> <td>5.3</td> <td>1.5</td> <td>.1</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>18" Supplied</td> <td>16.6</td> <td>6.3</td> <td>2.2</td> <td>.87</td> <td>.1</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>24"</td> <td>7.9</td> <td>6.1</td> <td>2.7</td> <td>1.2</td> <td>.55</td> <td>.2</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Stem Height	1'	2'	3'	4'	5'	6'	7'	8'	9'	12"	21.8	5.3	1.5	.1	-	-	-	-	-	18" Supplied	16.6	6.3	2.2	.87	.1	-	-	-	-	24"	7.9	6.1	2.7	1.2	.55	.2	-	-	-	<table border="1"> <thead> <tr> <th>Stem Height</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> <th>7'</th> <th>8'</th> <th>9'</th> </tr> </thead> <tbody> <tr> <td>12"</td> <td>6.9</td> <td>1.8</td> <td>1.1</td> <td>.13</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>18"</td> <td>5.3</td> <td>1.8</td> <td>.9</td> <td>.68</td> <td>.13</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>24"</td> <td>4.1</td> <td>1.9</td> <td>.75</td> <td>.62</td> <td>.43</td> <td>.13</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Stem Height	1'	2'	3'	4'	5'	6'	7'	8'	9'	12"	6.9	1.8	1.1	.13	-	-	-	-	-	18"	5.3	1.8	.9	.68	.13	-	-	-	-	24"	4.1	1.9	.75	.62	.43	.13	-	-	-
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12V LED/INCANDESCENT PATH & SPREAD

LARGE ECLIPSE™



15336 BKT, TZT

15323 AZT, BKT, TZT

Ordering Guide & Finish	15336 BKT 15336 TZT	15323 AZT 15323 BKT 15323 TZT																																								
Housing	Cast Aluminum with clear glass	Cast Aluminum																																								
Lamp Base	12V S8 wedge base socket	12V S8 wedge base socket																																								
Supplied Lamp	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)																																								
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LED Lamp Options	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.																																								
Wiring	35" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	34" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																								
Mounting Access. (Included)	NA	8" In-ground slotted stake and 18" stem																																								
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																																								
Photometric with Supplied Lamp	<table border="1"> <tr> <td>Distance from Light</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> <td>9'</td> </tr> <tr> <td>Foot Candles</td> <td>8.7</td> <td>3.3</td> <td>1.1</td> <td>.4</td> <td>.1</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Foot Candles	8.7	3.3	1.1	.4	.1	-	-	-	-	<table border="1"> <tr> <td>Distance from Light</td> <td>1'</td> <td>2'</td> <td>3'</td> <td>4'</td> <td>5'</td> <td>6'</td> <td>7'</td> <td>8'</td> <td>9'</td> </tr> <tr> <td>Foot Candles</td> <td>14.7</td> <td>4.8</td> <td>1.8</td> <td>1</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Foot Candles	14.7	4.8	1.8	1	-	-	-	-	-
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Foot Candles	14.7	4.8	1.8	1	-	-	-	-	-																																	

SIDE MOUNT
ECLIPSE™



15423 AZT, BKT

DOME



15310 AZT, AZT6, BKT

Ordering Guide & Finish	15423 AZT 15423 BKT									15310 AZT 15310 AZT6 15310 BKT										
Housing	Cast Aluminum									Cast Aluminum										
Lamp Base	12V S8 wedge base socket									12V T5 wedge base socket										
Supplied Lamp	24.4-W(VA) 3156K (15598 CLR) Krypton light source Power usage at 12V AC input VA MAX: 24.4-W(VA)									16.25-W(VA) 921X (17025) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)										
Incandescent Lamp Options	18.5-W(VA) 3155K (15599 CLR)									11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)										
LED Lamp Options	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.				2W (18122-18123) see page 138. Compares up to 18.5W Krypton.					2W (18039-18041) see page 137. Compares up to 16W Xenon.										
Wiring	34" of usable #18-2, SPT-1-W leads. Cable connectors supplied.									24" of usable #18-2, SPT-1-W leads. Cable connectors supplied.										
Mounting Access. (Included)	8" In-ground slotted stake									8" In-ground slotted stake										
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket									15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket										
Integrated LED Options	N/A									15810 – on Page 42										
Notes	N/A									Coordinates with our 15410 & 15470 Domed Roof series.										
Photometric with Supplied Lamp	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
	Foot Candles	8.7	3.3	1.1	.4	.1	-	-	-	-	8	4.1	1.6	.5	.4	.1	-	-	-	-

12V LED/INCANDESCENT PATH & SPREAD

DOME



15410 AZT

6" DOME



15470 AZT, BKT, CBR

Ordering Guide & Finish	15410 AZT	15470 AZT 15470 BKT 15470 CBR																																								
Housing	Cast Aluminum	Cast Aluminum, Cast Brass																																								
Lamp Base	12V T5 wedge base socket	12V T5 wedge base socket																																								
Supplied Lamp	16.25-W(VA) 921X (17025) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)	16.25-W(VA) 921X (17025) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)																																								
Incandescent Lamp Options	11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	11.6-W(VA) 912X (17023) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)																																								
LED Lamp Options	2W (18039-18041) see page 137. Compares up to 16W Xenon.	2W (18039-18041) see page 137. Compares up to 16W Xenon.																																								
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	24" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																								
Mounting Access. (Included)	8" In-ground slotted stake	8" In-ground slotted stake and 18" stem																																								
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket																																								
Integrated LED Option	15811 – on Page 43	15870 – on Page 42																																								
Notes	Coordinates with our 15310 & 15470 Domed Roof series.	Coordinates with our 15310 & 15410 Domed Roof series. Brass will naturally patina over time.																																								
Photometric with Supplied Lamp	<table border="1"> <thead> <tr> <th>Distance from Light</th> <th>0'</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> <th>7'</th> <th>8'</th> </tr> </thead> <tbody> <tr> <td>Foot Candles</td> <td>22.0</td> <td>9.6</td> <td>4.0</td> <td>1.1</td> <td>.03</td> <td>0.1</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Foot Candles	22.0	9.6	4.0	1.1	.03	0.1	-	-	-	<table border="1"> <thead> <tr> <th>Distance from Light</th> <th>0'</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> <th>7'</th> <th>8'</th> </tr> </thead> <tbody> <tr> <td>Foot Candles</td> <td>6.17</td> <td>4.85</td> <td>4.34</td> <td>2.51</td> <td>1.58</td> <td>1.35</td> <td>0.77</td> <td>0.43</td> <td>0.28</td> </tr> </tbody> </table>	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Foot Candles	6.17	4.85	4.34	2.51	1.58	1.35	0.77	0.43	0.28
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SOLID BRASS
MISSIONARY



15480 CBR

SOLID BRASS
TRADITIONAL



15478 CBR

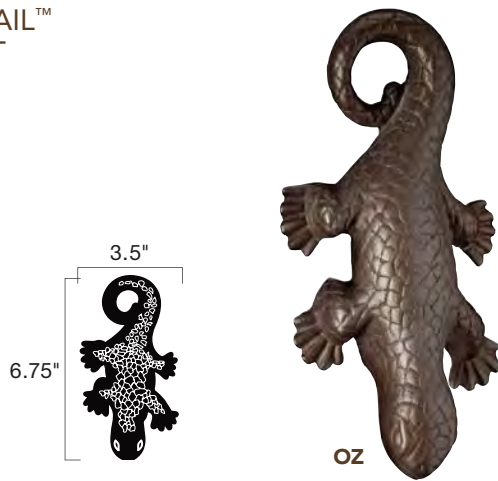
Ordering Guide & Finish	15480 CBR	15478 CBR
Housing	Cast Brass	Cast Brass
Lamp Base	12V bi-pin, high temperature porcelain socket with glass dome	12V bi-pin, high temperature porcelain socket with glass dome
Supplied Lamp	Lamp not supplied unless noted	Lamp not supplied unless noted
Incandescent Lamp Options	12V AC input Max: 20W(VA) T-3. See Page 140.	12V AC input Max: 20W(VA) T-3. See Page 140.
LED Lamp Options	2W G4/T3 Bi-Pin (18042-18044) See page 137. Compares to 20W Halogen.	2W G4/T3 Bi-Pin (18042-18044) See page 137. Compares to 20W Halogen.
Wiring	30" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	30" of usable #18-2, SPT-1-W leads. Cable connectors not included.
Mounting Access. (Included)	8" In-ground stake	8" In-ground stake
Optional Accessories	N/A	N/A
Notes	Optimized for LED fit & lamp performance. Brass will naturally patina over time.	Optimized for LED fit & lamp performance. Brass will naturally patina over time.

LED/INCANDESCENT 12V DECK & PATIO

Bring outdoor living areas into the light.

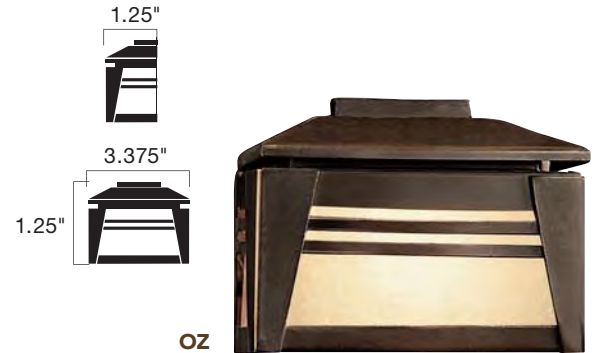
For use with a magnetic transformer, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not for use with 3rd party electronic transformers. Subjected to Highly Accelerated Life Testing – 3rd party reliability testing.

OAK TRAIL™
ACCENT



15047 OZ

ZEN GARDEN™
DECK



15110 OZ

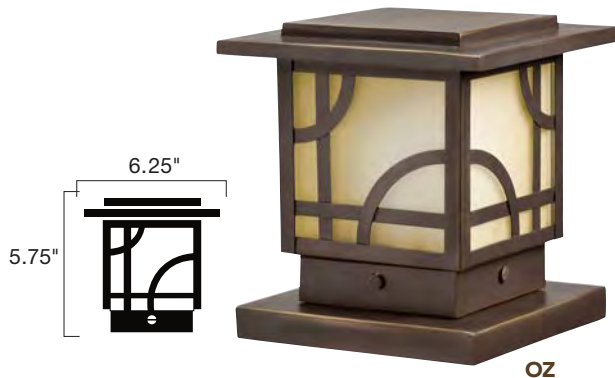
	15047 OZ	15110 OZ																																																																
Ordering Guide & Finish	15047 OZ	15110 OZ																																																																
Housing	Cast Brass	Brass with textured seedy linen glass																																																																
Lamp Base	12V T5 wedge base socket	12V T5 wedge base socket																																																																
Supplied Lamp	6.5-W(VA) 918X (17022) Xenon light source Power usage at 12V AC input VA MAX: 6.5-W(VA)	6.5-W(VA) 901X (17021) Xenon light source Power usage at 12V AC input VA MAX: 6.5-W(VA)																																																																
Incandescent Lamp Options	4-W(VA) 901X (17021)	6.5-W(VA) 918X (17022)																																																																
LED Lamp Options	N/A	N/A																																																																
Wiring	71" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	72" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																																																
Mounting Access. (Included)	Stainless steel mounting bracket	Stainless steel mounting bracket																																																																
Notes	U.S. Patent No. D573,293. Brass will develop natural patina over time.	Coordinates with matching Bollard 15392 OZ and with matching Path light 15391 OZ on page 104. Brass will develop natural patina over time.																																																																
Photometric with Supplied Lamp	<table border="1"> <thead> <tr> <th>Mounting Height</th> <th>0'</th> <th>0.5'</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> </tr> </thead> <tbody> <tr> <td>6'</td> <td>3.6</td> <td>.25</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>12'</td> <td>2.1</td> <td>.76</td> <td>.15</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>30'</td> <td>1.26</td> <td>.76</td> <td>.1</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Mounting Height	0'	0.5'	1'	2'	3'	4'	5'	6'	3.6	.25	-	-	-	-	-	12'	2.1	.76	.15	-	-	-	-	30'	1.26	.76	.1	-	-	-	-	<table border="1"> <thead> <tr> <th>Mounting Height</th> <th>0'</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> </tr> </thead> <tbody> <tr> <td>6'</td> <td>26.53</td> <td>7.26</td> <td>1.33</td> <td>0.06</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>12'</td> <td>7.63</td> <td>4</td> <td>1.46</td> <td>.2</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>30'</td> <td>1.06</td> <td>.93</td> <td>.7</td> <td>.3</td> <td>0.03</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Mounting Height	0'	1'	2'	3'	4'	5'	6'	6'	26.53	7.26	1.33	0.06	-	-	-	12'	7.63	4	1.46	.2	-	-	-	30'	1.06	.93	.7	.3	0.03	-	-
	Mounting Height	0'	0.5'	1'	2'	3'	4'	5'																																																										
	6'	3.6	.25	-	-	-	-	-																																																										
12'	2.1	.76	.15	-	-	-	-																																																											
30'	1.26	.76	.1	-	-	-	-																																																											
Mounting Height	0'	1'	2'	3'	4'	5'	6'																																																											
6'	26.53	7.26	1.33	0.06	-	-	-																																																											
12'	7.63	4	1.46	.2	-	-	-																																																											
30'	1.06	.93	.7	.3	0.03	-	-																																																											

12V LED/INCANDESCENT DECK & PATIO

ZEN GARDEN™
POST



LARKIN ESTATE™
POST



15071 OZ

15474 OZ

Ordering Guide & Finish	15071 OZ	15474 OZ																				
Housing	Brass with textured linen seeded glass	Brass with umber-etched glass																				
Lamp Base	12V T5 wedge base socket	12V T5 wedge base socket																				
Supplied Lamp	16.25-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 6.5-W(VA)	16.25-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)																				
Incandescent Lamp Options	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)	16.25-W(VA) 921X (17025) 6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)																				
LED Lamp Options	2W (18039-18041) see page 137 Compares up to 16W Xenon Light distribution may be affected by location of sockets	2W (18039-18041) see page 137 Compares up to 16W Xenon Light distribution may be affected by location of sockets																				
Wiring	59" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	71" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																				
Mounting Access. (Included)	Post adaptor and Rail adaptor included are stainless steel. Fits standard 4" x 4" post.	Stainless steel rail mounting bracket for 4" x 4" post and adaptor for 6" x 6" post																				
Notes	U.S. Patent Pending. Coordinates with matching Bollard 15392 OZ and with matching Path light 15391 OZ on page 104. Brass will develop natural patina over time.	Coordinates with matching Path light 15444 OZ on page 103. Brass will develop natural patina over time.																				
Photometric with Supplied Lamp	<table border="1"> <thead> <tr> <th>Distance from Light</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> <th>7'</th> <th>8'</th> <th>9'</th> </tr> </thead> <tbody> <tr> <td>4' Mounting Height</td> <td>.23</td> <td>.03</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>		Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	4' Mounting Height	.23	.03	-	-	-	-	-	-	-
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'													
4' Mounting Height	.23	.03	-	-	-	-	-	-	-													

HALF MOON



BBR

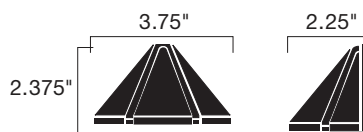


AZT



WHT

MINI



AZT



BKT



BBR



WHT

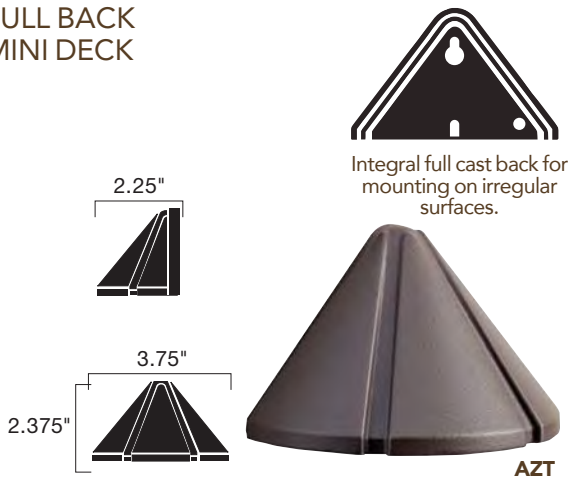
15064 AZT, BBR, WHT

15065 AZT, BBR, BKT, WHT

Ordering Guide & Finish	15064 AZT, BBR, WHT				15065 AZT, BBR, BKT, WHT													
Housing	Cast Aluminum or Cast Brass				Cast Aluminum or Cast Brass													
Lamp Base	12V T3 bi-pin, high temperature porcelain socket				12V T5 wedge base socket													
Supplied Lamp	10-W(VA) Q10T3 (17011) Halogen light source Power usage at 12V AC input VA MAX: 10-W(VA)				6.5-W(VA) 918X (17022) Xenon light source Power usage at 12V AC input VA MAX: 6.5-W(VA)													
Incandescent Lamp Options	N/A				N/A													
LED Lamp Options	2W (18042-18044) see page 137 Compares up to 20W Halogen Light distribution may be affected by location of sockets		2W (18124-18125) see page 138 Compares up to 20W Halogen		2W (18039-18041) see page 137 Compares up to 16W Xenon Light distribution may be affected by location of sockets		2W (18120-18121) see page 138 Compares up to 16W Xenon											
Wiring	72" of usable #18-2, SPT-1-W leads. Cable connectors supplied.				72" of usable #18-2, SPT-1-W leads. Cable connectors supplied.													
Matching Outdoor Path Lights	15360				15005, 15011, 15315, 15326, 15328													
Mounting Access. (Included)	N/A				Post adaptor and Rail adaptor included are stainless steel. Fits standard 4" x 4" post.													
LED Option	See 15764 on page 54				See 15765 on page 54													
Notes	Brass will develop natural patina over time				Brass will develop natural patina over time													
Photometric with Supplied Lamp	Mounting Height	0'	0.5'	1'	1.5'	2'	2.5'	3'	3.5'	4'	Mounting Height	1'	2'	3'	4'	5'	6'	7'
	6'	53	36.1	4.7	.9	.2	-	-	-	-	6'	2.8	.06	.03	-	-	-	-
	12'	13.8	17.3	6.9	2.5	.9	.3	.1	-	-	12'	4.1	.73	.15	-	-	-	-
	30'	2.2	3.2	2.6	2	1.4	.9	.6	.3	.2	30'	1.7	.87	.37	.1	-	-	-

12V LED/INCANDESCENT DECK & PATIO

FULL BACK MINI DECK



MINI DECK



SOLID BRASS DECK



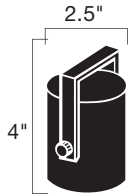
15045 AZT

15165 AZ

15477 CBR

Ordering Guide & Finish	15045 AZT	15165 AZ	15477 CBR	
Housing	Cast Aluminum	Durable thermoplastic composite resin, one-piece construction. Extremely resistant to impact, weather and the effects of UV.	Cast Brass	
Lamp Base	12V T5 wedge base socket	12V T5 wedge base socket	12V T5 wedge base socket	
Supplied Lamp	6.5-W(VA) 918X (17022) Xenon light source Power usage at 12V AC input VA MAX: 6.5-W(VA)	6.5-W(VA) 918X (17023) Xenon light source Power usage at 12V AC input VA MAX: 6.5-W(VA)	Lamp not supplied unless noted	
Incandescent Lamp Options	4-W(VA) 901X (17021)	4-W(VA) 901X (17021)	12V AC/DC input. Max:13W (VA) Type 912. See page 140.	
LED Lamp Options	2W (18039-18041) see page 137 Compares up to 16W Xenon Light distribution may be affected by location of sockets	2W (18039-18041) see page 137 Compares up to 16W Xenon Light distribution may be affected by location of sockets	2W T5 Side mount wedge base (18120-18121) see page 138 Compares up to 16W Xenon.	
Wiring	72" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	71" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	73" of usable #18-2, SPT-1-W leads. Cable connectors not included.	
Mounting Access. (Included)	N/A	Stainless Steel surface mounting bracket	Mounting hardware included 2 #8 screws	
Matching Outdoor Path Lights	15005, 15011, 15315, 15326, 15328			
Notes	N/A	N/A	Brass will develop natural patina over time	
Photometric with Supplied Lamp	Mounting Height	1' 2' 3' 4' 5' 6' 7'	Mounting Height	1' 2' 3' 4' 5' 6' 7'
	6'	2.8 .06 .03 - - - -	6'	1.9 0.3 - - - -
	12'	4.1 .73 .15 - - - -	12'	2.4 .4 - - - -
	30'	1.7 .87 .37 .1 - - - -	30'	.9 .4 .2 - - - -

ADJUSTABLE
UNDER RAILING

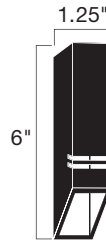


Wall mount



AZT

LOUVERED
DOWN



BKT



WHT

15077 AZT

15066 AZT, WHT

Ordering Guide & Finish	15077 AZT	15066 AZT, WHT																		
Housing	Aluminum	Aluminum																		
Lamp Base	12V S8 wedge base socket	12V T5 wedge base socket																		
Supplied Lamp	18.5-W(VA) 3155K (15599 CLR) Krypton light source Power usage at 12V AC input VA MAX: 18.5-W(VA)	6.5-W(VA) 918X (17022) Xenon light source Power usage at 12V AC input VA MAX: 6.5-W(VA)																		
Incandescent Lamp Options	N/A	4-W(VA) 901X (17021)																		
LED Lamp Options	2W (18036-18038) see page 137. Compares up to 18.5W Krypton.	N/A																		
Wiring	72" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	72" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																		
Mounting Access. (Included)	Mounting hardware	Stainless Steel mounting plate																		
Notes	N/A	U.S. Patent No. D437,445																		
Photometric with Supplied Lamp	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Mounting Height	.5'	1'	1.5'	2'	2.5'	3'	3.5'	4'	
	Foot Candles	4.7	3.1	1.5	.35	.15	.08	-	-	-	6'	5.2	.4	-	-	-	-	-	-	-
											12'	19	.6	.1	-	-	-	-	-	-
											30'	2.4	.2	.1	-	-	-	-	-	-

12V LED/INCANDESCENT DECK & PATIO

UP/DOWN ACCENT LIGHT



BBR



15659
Optional Lens
Accessory

15079 AZT

BARBECUE LIGHT

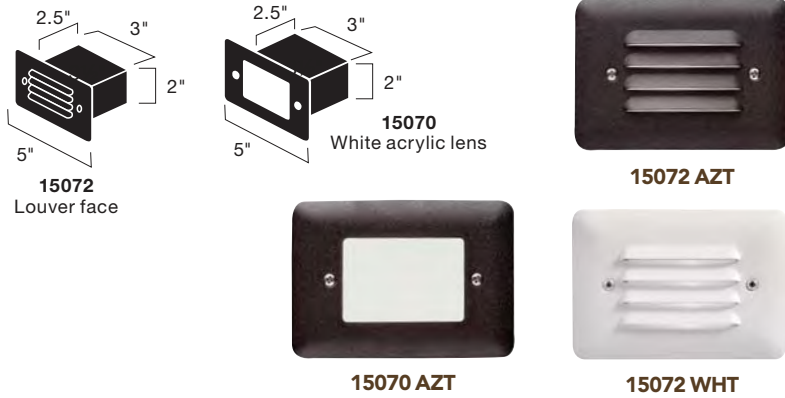


BK

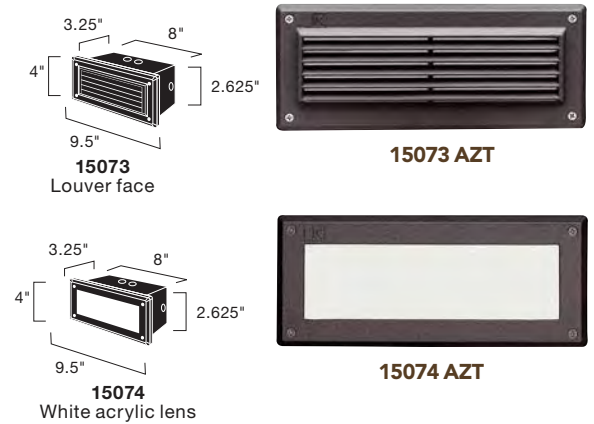
15123 BK

Ordering Guide & Finish	15079 AZT	15123 BK
Housing	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.
Lamp Base	12V T5 wedge base socket	12V bi-pin, high temperature porcelain socket
Supplied Lamp	11.6-W(VA) 912X (17023) (2) Xenon light source Power usage at 12V AC input VA MAX: 11.6-W(VA)	35-W(VA) MR11 Halogen light source Power usage at 12V AC input VA MAX: 35-W(VA)
Incandescent Lamp Options	6.5-W(VA) 918X (17022) 4-W (VA) 901X (17021)	N/A
LED Lamp Options	2W (18039-18041) see page 137. Compares up to 16W Xenon.	N/A
Wiring	70" of usable #18-2, SPT-1-W leads. Cable connectors supplied.	25" of usable #18-2, SPT-1-W leads. Cable connectors supplied.
Mounting Access. (Included)	Stainless Steel surface mounting plate	(1) set wood screws and (1) set machine screws and nuts
Optional Lens Access.	15659 – Lens	N/A
Notes	N/A	For rail or outdoor countertop mount only
Photometric with Supplied Lamp	Distance from Light	Distance from Light
	Foot Candles	Foot Candles

MINI STEP LIGHT



LOUVERED & BRICK LIGHT GLASS LENS



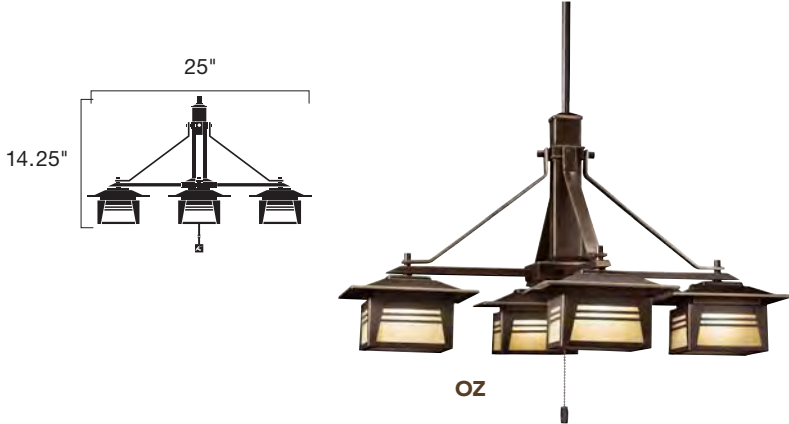
15070 AZT/15072 AZT, WHT

15073 AZT/15074 AZT

Ordering Guide & Finish	15070 AZT 15072 AZT, WHT		15073 AZT 15074 AZT																
Housing	Aluminum or copper faceplate with white reflector. Zinc plated steel housing. White acrylic diffuser on 15070 only.		Cast Aluminum with a fully sealed heat-resistant glass lens																
Lamp Base	12V T5 wedge base socket		(2) 12V T3 bi-pin, high temperature porcelain sockets																
Supplied Lamp	11.6-W(VA) 912X (17023) 6.5-W(VA) 918X MAX supplied on copper Xenon light source Power usage at 12V AC input VA MAX: 11.6-W(VA)		10-W(VA) Q10T3 (17011) Halogen (2) Halogen light source Power usage at 12V AC input VA MAX: 10-W(VA) VA MAX: 11.6-W(VA)																
Incandescent Lamp Options	6.5-W(VA) 918X (17022) 4-W(VA) 901X (17021)		N/A																
LED Lamp Options	2W (18039-18041) see page 137. Compares up to 16W Xenon. Light distribution may be affected by location of sockets.	2W (18120-18121) see page 138. Compares up to 16W Xenon.	2W (18042-18044) see page 138. Compares up to 20W Halogen. Light distribution may be affected by location of sockets.	2W (18124-18125) see page 138. Compares up to 20W Halogen.															
Wiring	Wire connection must be made inside fixture housing. 90° supply wire required.		Wire connection must be made inside fixture housing. 75° supply wire required.																
Mounting Access. (Included)	Mounting hardware and junction box		Stainless steel mounting bracket																
LED Option	15782 and 15780 – on page 57		15774 and 15773 – on page 57																
Notes	For recessed installation. For outdoor use only. Available with louvered or white acrylic faceplate.		For outdoor use only. Masonry or concrete use only.																
Photometric with Supplied Lamp	15070 Mounting Height	0.5'	1'	1.5'	2'	2.5'	3'	3.5'	15073 Mounting Height	0.5'	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
	6"	2.1	.5	.1	-	-	-	-	12'	.3	1.1	.8	.5	.1	.02	-	-	-	-
	12"	1.2	.98	.5	.2	.1	.02	-	24'	-	-	.1	.2	.2	.2	1	.03	.02	-
									36'	-	-	-	-	.01	.01	.03	.06	.03	.01
	15072 Mounting Height	0.5'	1'	1.5'	2'	2.5'	3'	3.5'	15074 Mounting Height	0.5'	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
	6"	2.6	.3	.09	-	-	-	-	12'	-	-	-	-	.01	.04	.04	-	-	-
	12"	1.6	1.2	.54	.08	.1	.04	-	24'	-	-	.06	.1	.09	.04	.04	-	-	-
									36'	.02	.04	.04	.04	.04	.04	.01	-	-	-

12V LED/INCANDESCENT DECK & PATIO

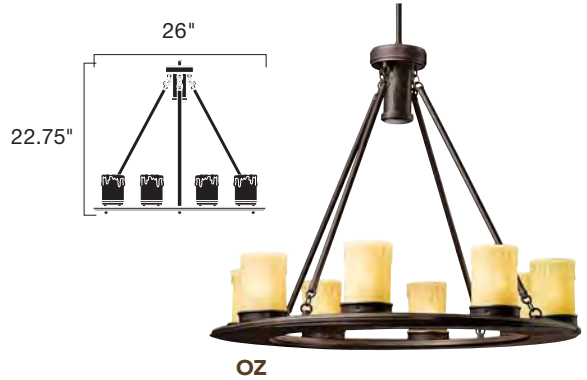
ZEN GARDEN™ 12V
OUTDOOR CHANDELIER



OZ

15409 OZ

OAK TRAIL™ 12V
OUTDOOR CHANDELIER



OZ

15402 OZ

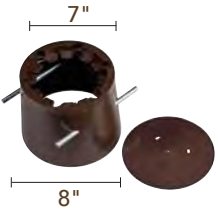
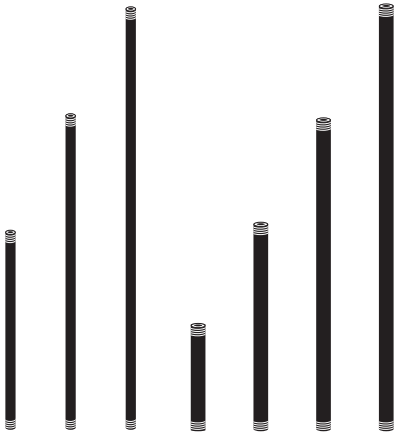





Ordering Guide & Finish	15409 OZ	15402 OZ																				
Housing	Brass with textured amber seedy linen glass	Brass with Beige glass candle with clear top, candle-drip trim																				
Lamp Base	12V T5 wedge base socket	12V T5 wedge base sockets																				
Supplied Lamp	16.25-W(VA) 921X (17025) (4 required and supplied) Xenon light source. Power usage at 12V AC input. VA MAX: 16.25-W(VA)	11.6-W(VA) 918X (17023) (9 required and supplied) Xenon light source. Power usage at 12V AC input. VA MAX: 11.6-W(VA)																				
Incandescent Lamp Options	11.6-W(VA) 912X (17023) (4 required) 6.5-W(VA) 918X (17022) (4 required) 4-W(VA) 901X (17021) (4 required)	6.5-W(VA) 912X (17022) (9 required)																				
LED Lamp Options	2W (18039-18041) see page 137. Compares up to 16W Xenon.	2W (18039-18041) see page 137. Compares up to 16W Xenon.																				
Wiring	42" of usable #16-2, SPT-2W leads	42" of usable #16-2, SPT-1-W leads																				
Mounting Access. (Included)	(2) 12" extensions and (2) 6" extensions	(2) 12" extensions and (2) 6" extensions																				
Notes	Brass will patina over time if unprotected but will resist corrosion. 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 104.	U.S. Patent Pending. Suitable for wet locations. Brass will develop natural patina over time.																				
Photometric with Supplied Lamp	<table border="1"> <thead> <tr> <th>Distance from Light</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> <th>7'</th> <th>8'</th> <th>9'</th> </tr> </thead> <tbody> <tr> <td>Foot Candles</td> <td>1.2</td> <td>1.2</td> <td>.9</td> <td>.4</td> <td>.3</td> <td>.1</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>		Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Foot Candles	1.2	1.2	.9	.4	.3	.1	-	-	-
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'													
Foot Candles	1.2	1.2	.9	.4	.3	.1	-	-	-													











LED/INCANDESCENT 12V ACCESSORIES

Genuine Kichler® low voltage accessories.











12V LED/INCANDESCENT ACCESSORIES

MOUNTING ACCESSORIES	ITEM NUMBER		NOTES
<p>Concrete Installation Kit</p> 	16501 BBRP		<ul style="list-style-type: none"> • Drive-over and walk-over rated to 4,500 lbs. • Throw-away debris lid • Includes two steel support rods <p>For use with fixtures 4W, 6.5W & 14W – 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038</p>
<p>Fixture Mounting Stems</p> 	<p>1/4-18 NPSM THD. STEMS .5" DIA. OVERALL</p> <p>12" 15651 AZT 15651 BKT</p> <p>18" 15652 AZT 15652 BKT</p> <p>24" 15653 AZT 15653 BKT</p> <p>Reference fixture specifications for proper stem</p>	<p>1/2-14 NPSM THD. STEMS .75" DIA. OVERALL</p> <p>6" 15645 AZT 15645 BBR 15645 BKT</p> <p>12" 15656 AZT 15656 BBR 15656 BKT</p> <p>18" 15657 AZT *15657 BBR 15657 BKT</p> <p>24" 15658 AZT 15658 BBR 15658 BKT</p>	<p>All stems made of corrosion resistant aluminum alloy (except BBR, which is Cast Brass) with baked thermoset powder coating to match fixtures Used with:</p> <ul style="list-style-type: none"> • In-ground support stakes (low voltage only) • Surface mounting flange (low or line voltage) <p>1/2-14 NPSM stems will require additional Coupler (15649) or Elbow (15647) for accent light use</p>
<p>Adjustable Height Stems</p>  <p>Extends from 18" to 33"</p>	15570 AZT 15570 BKT		<p>For use with most 12V accent fixtures</p> <p>Corrosion resistant aluminum alloy with baked thermoset powder coat finish</p> <p>Stem allows fixture height to be extended for plant growth. Used with in-ground support stakes (order separately).</p> <ul style="list-style-type: none"> • 1/2-14 NPSM thds
<p>Bollard Mounting Kit</p>  <p>4.0625" ID 4.25" OD</p>	<p>18" 15665 AZT 15665 BKT</p> <p>24" 15666 AZT 15666 BKT</p> <p>36" 15667 AZT 15667 BKT</p>	<p>For use with fixtures 15005, 15011, 15205, 15211</p> <p>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.</p>	
<p>Bollard Template Kit</p> 	15671 ST For use with fixtures 16130AZT, 16130BKT 16131AZT, 16131BKT 16132AZT, 16132BKT 16133AZT, 16133BKT		<p>For use with all bollard mounting kits</p> <p>For permanent installation into concrete. Template kit includes positioning template, anchor bolts, and mounting hardware.</p>
<p>Bollard Mounting Stake</p>  <p>23" H</p>	15578 BK For use with fixtures 16130AZT, 16130BKT 16131AZT, 16131BKT 16132AZT, 16132BKT 16133AZT, 16133BKT		<p>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.</p> <p>*As allowed by local electrical codes</p>
<p>Polymeric Support Stakes</p>  <p>8" H & 14" H</p>	15575 BK 8" In-ground Stake 15576 BK 14" In-ground Stake		<p>For use with 12V fixtures</p> <p>Injection molded stakes are corrosion resistant and provide maximum support and stability</p> <p>U.S. Patent No. D415,018</p>

MOUNTING ACCESSORIES	ITEM NUMBER	NOTES
<p>Elbow</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>Stem Coupler</p> <p>1/2-14 NPSM thd. 1.5" H</p> 	<p>15649 AZT 15649 BBR 15649 BKT</p>	<p>Aluminum (except BBR, which is Brass) coupler. For use with 1/2" NPSM stems.</p>
<p>Surface Mounting Flange</p> <p>4" D 1/2-14 NPSM thd.</p> 	<p>15601 AZT 15601 BBR 15601 BKT 15601 WHT</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.</p> <p>BBR is Bronzed Cast Brass AZT, BKT and WHT are Cast Aluminum</p>
<p>Flange Mounting Nipple</p> <p>1" x 1/2-14 NPSM thd.</p> 	<p>15602 AL</p>	<p>Anodized aluminum nipple. Used when attaching fixture directly to 15601 flange and 15607 bracket.</p>
<p>Surface Mounting Bracket</p> <p>1.5" x 2.5" x 1" 1/2-14 NPSM thd.</p> 	<p>15607 AZT 15607 BBR 15607 BKT 15607 WHT</p>	<p>For use with low voltage fixtures</p> <p>Corrosion resistant Cast aluminum alloy with baked thermoset powder coat finish. Low voltage only.</p> <p>BBR is Bronzed Cast Brass</p>
<p>Out of Water Bracket</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>
<p>Multi-Fixture Weighted Base</p> <p>3.375" W</p> 	<p>15776 BK Use with fixture 15711 SS</p>	<p>Heavy weighted 3 pronged underwater accessory for 2 or 3 fixtures to give maximum flexibility and directional capability.</p>
<p>Single Fixture Weighted Base</p> <p>3.375" W</p> 	<p>15778 BK Use with fixture 15711 SS</p>	<p>Heavy weight 1 prong underwater light accessory for standard installations. Provides advanced directional capability.</p>
<p>Junction Box Mounting Bracket</p> <p>2.39" W 5.56" H</p> 	<p>15609 AZT 15609 BKT 15609 WHT</p>	<p>Corrosion resistant Cast Aluminum alloy with baked thermoset powder coat finish. Use with 12V and 120V fixtures.</p>
<p>1 LED Hardscape Bracket</p> 	<p>15716 SS Use with fixture 15744 or 15734</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>

12V LED/INCANDESCENT ACCESSORIES


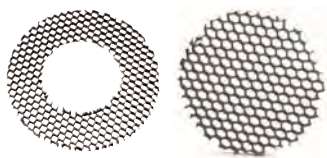

MOUNTING ACCESSORIES	ITEM NUMBER	NOTES
3 LED Flat Mounting Bracket 	15717 SS Use with fixture 15745 or 15735	Brackets mount to parallel surfaces and hold fixture in place. For use in hardscape installations where the masonry plate cannot be used or in non-hardscape applications where there is no or inadequate overhang surface area. Mounting hardware included.
6 LED Flat Mounting Bracket 	15718 SS Use with fixture 15746 or 15736	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.
9 LED Flat Mounting Bracket 	15719 SS Use with fixture 15756 or 15755	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.




LENS/SHIELD ACCESSORIES	ITEM NUMBER	NOTES
LED Amber Lens 	16064 AMB for use with 3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	Designed specifically for Kichler Design Pro LED with Radiax Optics, lens offers the ability to create a warmer lighting effect
	16065 AMB for use with 6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	
	16066 AMB for use with 21W – 16012, 16013, 16014	
LED Green Lens 	15875 AMB for use with 15731, 15732, 15733, 15741, 15742, 15743, 15767, 15768, 15769, 15728, 15747, 15748	Designed specifically for Kichler Design Pro LED, lens offers the ability to create a warmer lighting effect
	15876 AMB for use with 15751, 15752, 15753, 15729, 15757, 15758	
	16064 GRN for use with 3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	
LED Green Lens 	16065 GRN for use with 6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	Designed specifically for Kichler Design Pro LED with Radiax Optics, greens of foliage can be intensified to illustrate their true beauty
	16066 GRN for use with 21W – 16012, 16013, 16014	
	15885 GRN for use with 15731, 15732, 15733, 15741, 15742, 15743, 15767, 15768, 15769, 15728, 15747, 15748	
LED Frosted Lens 	15886 GRN for use with 15751, 15752, 15753, 15729, 15757, 15758	Designed specifically for Kichler Design Pro LED, greens of foliage can be intensified to illustrate their true beauty
	16064 FRO for use with 3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	
	16065 FRO for use with 6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	
LED Frosted Lens 	16066 FRO for use with 21W – 16012, 16013, 16014	Designed specifically for Kichler Design Pro LED with Radiax Optics, creates a soft focus and diffuses the light to provide even, clean illumination
	15895 FRO for use with LED fixtures 15731, 15732, 15733, 15741, 15742, 15743, 15767, 15768, 15769, 15728, 15747, 15748	
	15896 FRO for use with LED fixtures 15751, 15752, 15753, 15729, 15757, 15758	



LENS/SHIELD ACCESSORIES	ITEM NUMBER	NOTES
<p>Incandescent Frosted Lens</p> 	<p>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</p>	<p>Creates a soft focus and diffuses the light to provide even, clean illumination</p>
<p>Polycarbonate Lens</p> 	<p>15677 CLR for use with fixture 15827 15695 CLR for use with fixture 15315, 15815</p>	<p>Accessory lens of clear polycarbonate plastic. Provides additional internal protection from lawn sprinklers, etc.</p>
<p>Incandescent Linear Lens</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>Heat Resistant Lens</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>
<p>Blue Lens</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>LED Long Cowl</p>  <p>5.8"</p>	<p>16060 AZT, 16060 BBR, 16060 BKT, 16060 WHT for use with 6.5W & 13W fixtures 16006, 16007, 16008, 16009, 16010, 16011 16062 AZT, 16062 BBR, 16062 BKT, 16062 WHT for use with 21W fixtures 16012, 16013, 16014</p>	<p>Ideal solution for downlighting where increased glare control is needed</p>
<p>LED 360° Short Cowl</p>  <p>16061: 2.5" 16063: 3.3"</p>	<p>16061 AZT, 16061 BBR, 16061 BKT, 16061 WHT for use with 6.5W & 13W fixtures 16006, 16007, 16008, 16009, 16010, 16011 16063 AZT, 16063 BB, 16063 BKT, 16063 WHT for use with 21W fixtures 16012, 16013, 16014</p>	<p>Full shroud for expanded glare control. Great option for downlighting to recess light source back.</p>

12V LED/INCANDESCENT ACCESSORIES

LENS/SHIELD ACCESSORIES	ITEM NUMBER	NOTES
<p>Cowl – Polycarbonate</p>  <p>2.5"</p>	<p>16050 BBRP for use with 4W, 6.5W & 14W fixtures 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038.</p>	<p>Feature water weeping channels for drainage. Easy two-screw installation.</p>
<p>Cowl – Cast Brass</p>  <p>2.5"</p>	<p>16050 BBR for use with 4W, 6.5W & 14W fixtures 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038</p>	<p>Feature water weeping channels for drainage. Easy two-screw installation.</p>
<p>LED Snap-On Cowls</p>  <p>15703: 5.6" 15704: 6.5" 2.6"</p>	<p>Short Cowl 15701 AZTP for use with fixtures 15731, 15732, 15701 BKTP 15733, 15741, 15742, 15743 15702 AZTP for use with fixtures 15751, 15702 BKTP 15752, 15753 For BBR fixture finishes, use AZTP Long Cowl 15703 AZTP for use with fixtures 15731, 15732, 15703 BKTP 15733, 15741, 15742, 15743 15704 AZTP for use with fixtures 15704 BKTP 15751, 15752, 15753 For BBR fixture finishes, use AZTP</p>	<p>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.</p>
<p>LED Rock Guard – Polycarbonate</p> 	<p>16051 BBRP for use with 4W, 6.5W & 14W fixtures 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038</p>	<p>Feature water weeping channels for drainage. Easy two-screw installation. Walk-over rated.</p>
<p>LED Rock Guard – Cast Brass</p> 	<p>16051 BBR for use with 4W, 6.5W & 14W fixtures 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038</p>	<p>Drive-over & walk-over rated to 4,500 lbs.</p>
<p>LED Rock Guard</p>  <p>5.90" D 1.686" H</p>	<p>15787 BK only for use with fixtures 15767BKT, 15768BKT, 15769BKT, 15728BKT, 15747BKT, 15748BKT, 15729BKT, 15757BKT, 15758BKT</p>	<p>Rock Guard/Glare Shield accessory for Design Pro LED Well Light Series. High-strength, UV and corrosion resistant polycarbonate housing. Black Polycarbonate finish.</p>
<p>Incandescent Rock Guard</p>  <p>6.97" D 1.29" H</p>	<p>15694 AZ for use with fixture 15194 or 15268</p>	<p>Rock Guard/Glare Shield corrosion resistant for use with 15194 or 15268 well light. Architectural Bronze Polycarbonate Finish.</p>

LENS/SHIELD ACCESSORIES	ITEM NUMBER	NOTES
<p>Incandescent Rock Guard</p> <p>5.90" D 1.686" H</p> 	<p>15690 BK for use with fixtures 15088BK or 15388 BK.</p>	<p>Rock Guard/Glare Shield accessory for 15088BK and 15388BK Well Lights. Polycarbonate housing. High-strength, UV and corrosion resistant polycarbonate housing. Black Polycarbonate finish.</p>
<p>Hexcell Louver</p> 	<p>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 FM127265</p>	<p>Expanded aluminum shield with high temperature black finish. Provides maximum glare reduction for accent lights. FM127265 for use with Path Lights utilizing the downward module. (See LED Path section for models.)</p>
<p>Solid Brass Rock Guard with Clear Glass</p> 	<p>15482 CBR for use with fixture 15781 CBR</p>	<p>Rock Guard/Glare Shield accessory for Centennial Brass In-Ground fixture. Optional clear lens provided.</p>

LED CONTROLLER ACCESSORIES	ITEM NUMBER	NOTES
<p>Remote</p> <p>Length = 3.93" Width = 1.33"</p>  <p>Z-WAVE</p>	<p>16080BK Remote</p>	<p>Allows the user to independently control lighting zones based on pre-defined programs. This enables the homeowner to temporarily override schedules on individual zones by turning the lights on/off at any given time. Can also be used as a secondary programmer.</p>
<p>Range Extender</p> <p>Length = 1.83" Width = 1.83"</p>  <p>Z-WAVE</p>	<p>16081WH Range Extender</p>	<p>Allows for wireless range extension (additional 300ft) between wireless devices (ex. power supply-to-power supply) Plugs into any standard 120V outlet (dry location).</p>
<p>Wire</p> <p>EZPull 250' Boxes</p> 	<p>16088BK – #14-2 Wire 16089BK – #16-2 Wire</p>	<p>Now 14 and 16 gauge direct burial wire can now be used with Kichler's Design Pro LED Controller. Available in 250' EZ Pull boxes for added convenience. To be used only with the Kichler Design Pro LED Controller. See Kichler DC voltage drop calculator to calculate wire runs.</p>

INSTALLATION ACCESSORIES	ITEM NUMBER	NOTES
<p>Kichler Landscape Flag Marker</p> 	<p>15507 ONG</p>	<p>A great tool to use for designing your landscape lighting system. Plot out your landscape lighting needs with these green marker flags.</p>
<p>Corrosion Preventative Compound</p> 	<p>15670 BK</p>	<p>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.</p>

12V LED/INCANDESCENT ACCESSORIES

CONNECTION ACCESSORIES		ITEM NUMBER	NOTES
Low Voltage Cable 	For use with all 12V rated fixtures. 8-gauge 15503 BK 250' 10-gauge 15504 BK 250' 12-gauge 15501 BK 100', 15502 BK 250', 15505 BK 500', 15506 BK 1000'	#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: <ul style="list-style-type: none"> • 8-gauge wire to 10- and 12-gauge • connecting 10-gauge wire to 12-gauge wire 15589 BK for use when connecting: <ul style="list-style-type: none"> • 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.	
Low Voltage Power Conditioner (LVPC) 	16059 BK Master pack of 5.	Protects against electrical spikes and power irregularities. Ensures safe power levels to fixture. Precautionary sacrificial barrier in the event of surges over 3000 volts. For use with all LED 12V products.	
TRANSFORMER ACCESSORIES		ITEM NUMBER	NOTES
Mechanical Transformer Timer <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> 3" W 3.09" H 2.75" L </div>  </div>	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.	
Digital Transformer Timer <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> 2.73" W 3.84" H 1.89" L </div>  </div>	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.	
Remote Plug-In Transformer Photocell 	15534 BK	Plug-In Photocell with 10' cord is for use with all Plus and Professional Series Transformers	
Plug-In Transformer Photocell 	15565 BK	Plug-In Photocell is for use with all Plus and Professional Series Transformers.	
Synchronizer Device 	15511 BK	Synchronize all transformers used in a landscape setting so they turn on and off at the same time. Jumper wire (not included) should be a minimum of 24 gauge.	

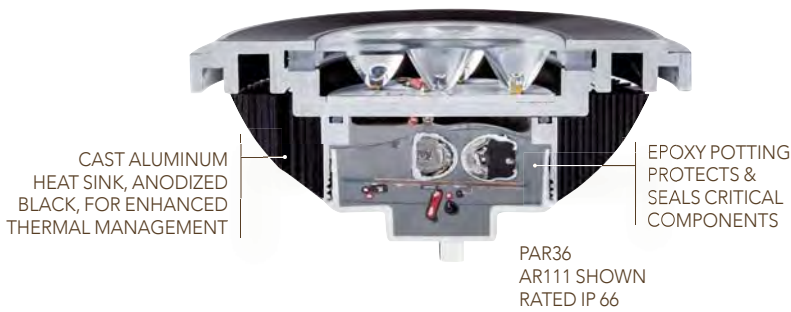
LED/INCANDESCENT 12V LAMPS

Landscape LED lamps developed the Kichler® way.

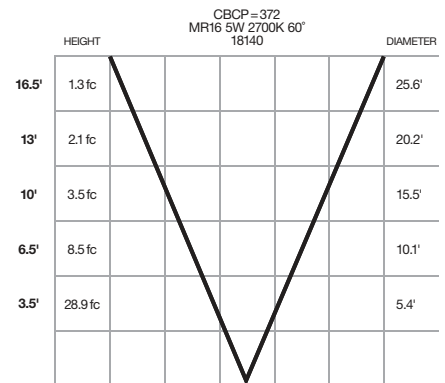
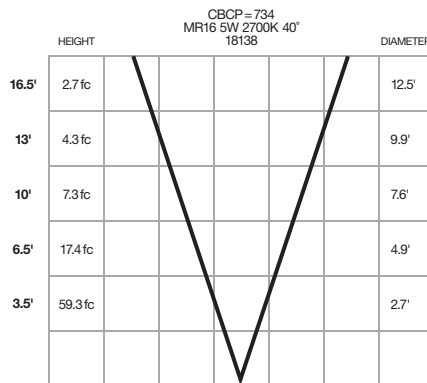
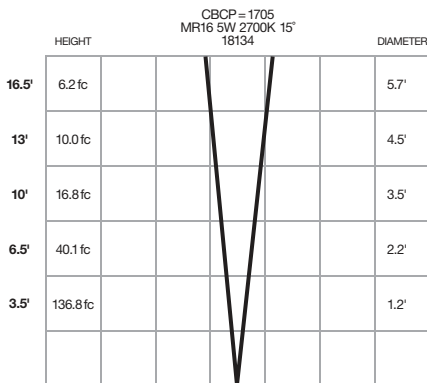
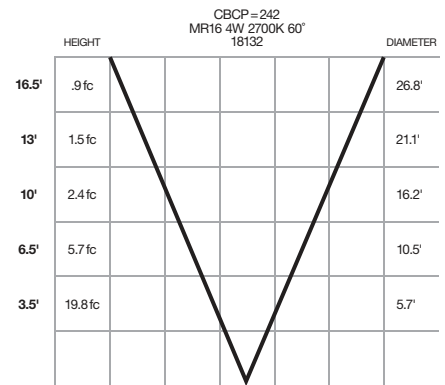
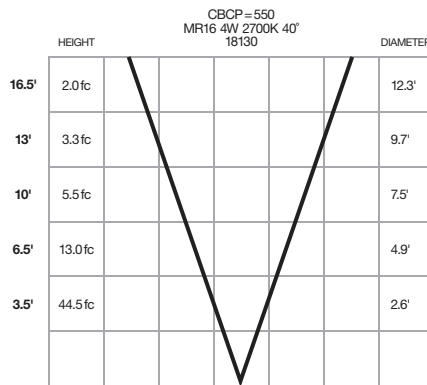
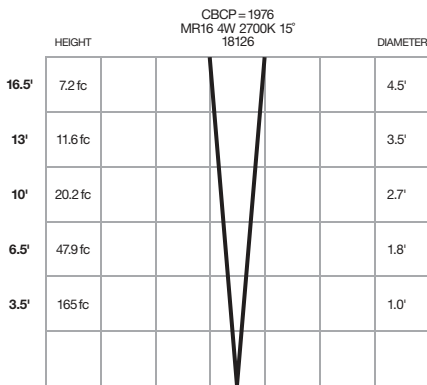


12V FEATURES

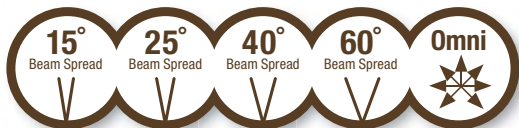
- Potted electronics protect against moisture
- Generates consistent light output for systems with an operating range from 9V to 15V with no loss in light output because of constant current driver designs
- Designed and listed for outdoor use in enclosed fixtures or wet locations
- Cast aluminum heat sink, anodized black, for increased thermal management
- Integrated, high output Cree®* LEDs tightly binned for high CRI, color uniformity and color quality
- 30,000 hour life in an enclosed fixture
- FCC compliance ensures no interference with other electronic devices
- High total lumens and lumens per watt (efficacy)
- Custom optics deliver center-to-edge beam uniformity



12V PHOTOMETRICS



* The curves indicate the illuminated area and the average illumination when the luminaire is at different distances. Stated footcandles are for bare lamps only. For additional photometrics, visit landscapelighting.com



BASE / LAMP TYPE	WATTS	KELVIN / LUMENS	BEAM ANGLE			
MR16 Bi-Pin Medium Power 	4W, 5.3VA* Compares up to 20W Halogen	2700K – Warm White 240Lm 3000K – Pure White 260Lm	15° SPOT	25° WIDE SPOT	40° FLOOD	60° WIDE FLOOD
			18126	18128	18130	18132
			18127	18129	18131	18133
MR16 Bi-Pin High Power 	5W, 6.6VA* Compares up to 35W Halogen	2700K – Warm White 350Lm 3000K – Pure White 380Lm	18134	18136	18138	18140
			18135	18137	18139	18141
PAR36/AR111 Wet Location 	11W, 14.9VA* Compares up to 50W Halogen	2700K – Warm White 540Lm 3000K – Pure White 600Lm	15° SPOT	25° WIDE SPOT	40° FLOOD	
			18021	18024	18027	
S8 Wedge 	2W, 2.8VA* Compares up to 18.5W Krypton	2700K – Warm White 85Lm 3000K – Pure White 100Lm	300° OMNI-DIRECTIONAL			
			18036		18037	
T5 Wedge 	2W, 2.8VA* Compares up to 16W Xenon	2700K – Warm White 85Lm 3000K – Pure White 100Lm	300° OMNI-DIRECTIONAL			
			18039		18040	
G4/T3 Bi-Pin 	2W, 2.8VA* Compares up to 20W Halogen	2700K – Warm White 85Lm 3000K – Pure White 100Lm	300° OMNI-DIRECTIONAL			
			18042		18043	

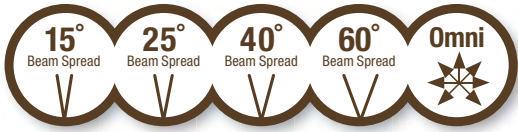
* Multiply fixture VA by the number of fixtures used to determine size of transformer.

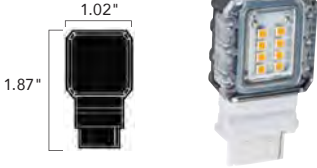
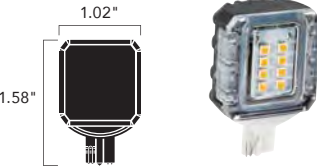

Stated lumens are for bare lamp only. Using lamp in enclosed fixtures can result in up to 30-40% loss in lumen output based on test data.

All lamps are listed or certified by UL, ETL, and/or CSA to the appropriate ANSI/standard for both the United States and Canada and have tested for FCC compliance, assuring they won't interfere with other home electronic devices. So, you don't have to worry about inadvertent interference.



12V LED/INCANDESCENT LAMPS & BULBS



BASE / LAMP TYPE	WATTS	KELVIN / LUMENS	BEAM ANGLE
S8 Wedge 	2W, 2.4VA* Compares up to 18.5W Krypton	2700K – Warm White 130Lm	120° BEAM ANGLE 18122
		3000K – Pure White 130Lm	18123
T5 Wedge 	2W, 2.4VA* Compares up to 16W Xenon	2700K – Warm White 130Lm	18120
		3000K – Pure White 130Lm	18121
G4/T3 Bi-Pin 	2W, 2.4VA* Compares up to 20W Halogen	2700K – Warm White 130Lm	18124
		3000K – Pure White 130Lm	18125

* Ideal for side mount path, deck/step, wall wash fixtures and more.

* Multiply fixture VA by the number of fixtures used to determine size of transformer.

Stated lumens are for bare lamp only. Using lamp in enclosed fixtures can result in up to 30-40% loss in lumen output based on test data.








All lamps are listed or certified by UL, ETL, and/or CSA to the appropriate ANSI/standard for both the United States and Canada and have tested for FCC compliance, assuring they won't interfere with other home electronic devices. So, you don't have to worry about inadvertent interference.



12V LAMPS



12V LED/INCANDESCENT LAMPS & BULBS

LAMP/BULB	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
	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
	17033	PAR-36 Halogen	20	Flood 30°	Screw Terminal	4,000
	17040	PAR-36 Halogen	35	Flood 30°	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
	17052	MR-11 Halogen	20	Flood 30°	Bi-Pin	2,000
	17057	MR-11 Halogen	35	Flood 30°	Bi-Pin	2,000
	17062	MR-16 Halogen	20	Flood 36°	Bi-Pin	5,000
	17072	MR-16 Halogen	35	Flood 36°	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
	17077	MR-16 Halogen	35	Flood 36°	Bi-Pin	10,000
	17087	MR-16 Halogen	50	Flood 36°	Bi-Pin	10,000
	15572 FRO	A-19 12-V	25		Medium	



15810 LED Path-3000K
15742 LED Accent-3000K

DESIGN PRO LED 120V ACCENT

ROI counts – and you can count on our 120V fixtures to pay for themselves on average in less than two years with lower cost of ownership.



120V 12.5W LED ACCENT



16200 AZT, BBR, WHT

16201 AZT, BBR, WHT

16206 AZT, BBR, WHT

Beam Spread	Beam Spread 10° Spot		Beam Spread 35° Flood		Beam Spread 60° Wide Flood	
Kelvin	3000K – Pure White	4250K – Cool White	3000K – Pure White	4250K – Cool White	3000K – Pure White	4250K – Cool White
Ordering Guide & Finish	16200 AZT30 16200 BBR30 16200 WHT30	16200 AZT42 16200 BBR42 16200 WHT42	16201 AZT30 16201 BBR30 16201 WHT30	16201 AZT42 16201 BBR42 16201 WHT42	16206 AZT30 16206 BBR30 16206 WHT30	16206 AZT42 16206 BBR42 16206 WHT42
Watts/Lumens	Compares to Halogen 50W PAR30 or greater					
Housing	Cast Aluminum, Cast Brass					
Light Source	5 Integrated High Output Cree® LEDs, tightly binned for color uniformity, and constant current driver					
Color Temp. (CCT) & CRI	3000K (-45/+130) Pure White 3000K = 80s			4250K (-250/+250) Cool White 4250K = 85 minimum		
Optics	Radiax™ Reflector					
Power Usage	12.5W, .13VA, .85pf					
Operating Voltage Range	108-132V AC, 50-60 Hz					
Lumen Maint.	Tested to an L-70 of 40,000 hours					
Total Lumens & Efficacy	3000K = 590Lm 3000K = 47 Lm/W		4250K = 646 Lm 4250K = 52 Lm/W			
Wiring	8" of usable 200° C 18AWG wire leads					
Mounting Access. (Included)	N/A					
Optional Accessories	15276 – Power Post® 15601 – Surface Mounting Flange, for attachment to junction box 15609 – Junction Box Mounting Bracket					
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. Not for use with electronic transformers. *Cree is a registered trademark of Cree, Inc. Brass will naturally patina over time.					

120V ACCENT

120V 19.5W
LED ACCENT



16202 AZT, BBR, WHT

16203 AZT, BBR, WHT

16207 AZT, BBR, WHT

Beam Spread	Beam Spread 10° Spot		Beam Spread 35° Flood		Beam Spread 60° Wide Flood	
Kelvin	3000K – Pure White	4250K – Cool White	3000K – Pure White	4250K – Cool White	3000K – Pure White	4250K – Cool White
Ordering Guide & Finish	16202 AZT30 16202 BBR30 16202 WHT30	16202 AZT42 16202 BBR42 16202 WHT42	16203 AZT30 16203 BBR30 16203 WHT30	16203 AZT42 16203 BBR42 16203 WHT42	16207 AZT30 16207 BBR30 16207 WHT30	16207 AZT42 16207 BBR42 16207 WHT42
Watts/Lumens	Compares to Halogen 75W PAR30 or greater					
Housing	Cast Aluminum, Cast Brass					
Light Source	8 Integrated High Output Cree® LEDs, tightly binned for color uniformity					
Color Temp. (CCT) & CRI	3000K (-45/+130) Pure White 3000K = 80s			4250K (-250/+250) Cool White 4250K = 85 minimum		
Optics	Radiax™ Reflector					
Power Usage	19.5W, .18VA, .90pf					
Operating Voltage Range	108-132V AC, 50-60 Hz					
Lumen Maint.	Tested to an L-70 of 40,000 hours					
Total Lumens & Efficacy	3000K = 947 Lm 3000K = 49 Lm/W		4250K = 993 Lm 4250K = 51 Lm/W			
Wiring	8" of usable 200° C 18AWG wire leads					
Mounting Access. (Included)	N/A					
Optional Accessories	15276 – Power Post® 15601 – Surface Mounting Flange, for attachment to junction box 15609 – Junction Box Mounting Bracket					
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. Not for use with electronic transformers. *Cree is a registered trademark of Cree, Inc. Brass will naturally patina over time.					

120V 29W LED ACCENT



16204 AZT, BBR, WHT

16205 AZT, BBR, WHT

16208 AZT, BBR, WHT

Beam Spread	Beam Spread 10° Spot		Beam Spread 35° Flood		Beam Spread 60° Wide Flood	
Kelvin	3000K – Pure White	4250K – Cool White	3000K – Pure White	4250K – Cool White	3000K – Pure White	4250K – Cool White
Ordering Guide & Finish	16204 AZT30 16204 BBR30 16204 WHT30	16204 AZT42 16204 BBR42 16204 WHT42	16205 AZT30 16205 BBR30 16205 WHT30	16205 AZT42 16205 BBR42 16205 WHT42	16208 AZT30 16208 BBR30 16208 WHT30	16208 AZT42 16208 BBR42 16208 WHT42
Watts/Lumens	Compares to Halogen 100W PAR38 or greater					
Housing	Cast Aluminum, Cast Brass					
Light Source	8 Integrated High Output Cree® LEDs, tightly binned for color uniformity					
Color Temp. (CCT) & CRI	3000K (-45/+130) Pure White 3000K = 80s			4250K (-250/+250) Cool White 4250K = 85 minimum		
Optics	Radiax™ Reflector					
Power Usage	29W, .27VA, .90pf					
Operating Voltage Range	108-132V AC, 50-60 Hz					
Lumen Maint.	Tested to an L-70 of 40,000 hours					
Total Lumens & Efficacy	3000K = 1,131 Lm 3000K = 39 Lm/W		4250K = 1,368 Lm 4250K = 47 Lm/W			
Wiring	8" of usable 200° C 18AWG wire leads					
Mounting Access. (Included)	N/A					
Optional Accessories	15276 – Power Post® 15601 – Surface Mounting Flange, for attachment to junction box 15609 – Junction Box Mounting Bracket					
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. Not for use with electronic transformers. *Cree is a registered trademark of Cree, Inc. Brass will naturally patina over time.					

LED/INCANDESCENT 120V ACCENT

Versatile lighting options and optional accessories give you the flexibility you need to meet a variety of client demands.



SMALL



15231 AZT, BKT

MEDIUM



15241 AZT, BKT

Ordering Guide & Finish	15231 AZT, BKT	15241 AZT, BKT
Housing	Cast Aluminum. Tempered convex glass lens.	Cast Aluminum. Tempered convex glass lens.
Lamp Base	4000V (4KV) pulse rated medium base porcelain socket	4000V (4KV) pulse rated medium base porcelain socket
Supplied Lamp	Lamp not supplied unless noted	Lamp not supplied unless noted
Incandescent Lamp Options	35-W Max. PAR20 Metal Halide or 50-W Max. PAR20/R20 Incandescent	70-W Max. PAR30L Metal Halide or 75-W(VA) PAR30L/R30 Incandescent
LED Lamp Options	7W PAR20 Wet (18081-18086) see page 166. Compares up to 35W Halogen.	12W PAR30L Wet (18111-18116) see page 166. Compares up to 50W Halogen.
Wiring	8" of usable 200°C 18 AWG wire leads.	8" of usable 200°C 18 AWG wire leads
Optional Mounting Access.	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 – Junction Box Mounting Bracket
Optional Lens Accessories	15620 – Medium Cowl 15628 – Long Cowl 15623 – Blue Filter 15637 – Hexcell Louver	15640 – Medium Cowl 15648 – Long Cowl 15624 – Blue Filter 15638 – Hexcell Louver
Notes	Accents require remote ballasts for High Intensity Discharge. See HID Ballast Guide on page 159 and 120V Lamp Guide on page 166. For Lamp Photometrics see page 169.	Accents require remote ballasts for High Intensity Discharge. See HID Ballast Guide on page 159 and 120V Lamp Guide on page 166. For Lamp Photometrics see page 169.

120V LED/INCANDESCENT ACCENT

LARGE



15251 AZT, BKT

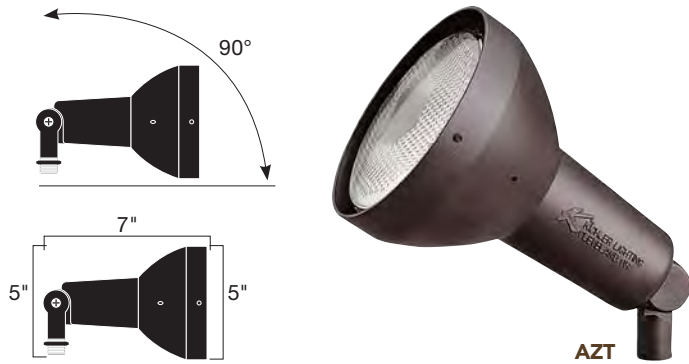
SMALL COMPACT



15230 AZT

Ordering Guide & Finish	15251 AZT, BKT	15230 AZT
Housing	Cast Aluminum. Tempered convex glass lens.	Textured Architectural Bronze
Lamp Base	4000V (4KV) pulse rated medium base porcelain socket	4000V (4KV) pulse rated medium base porcelain socket
Supplied Lamp	Lamp not supplied unless noted	Lamp not supplied unless noted
Incandescent Lamp Options	175-W Max. PAR38 Metal Halide, 100-W Max. E17 Metal Halide or 150-W Max. PAR38/R40 Incandescent Reflector: for use with E17 lamp. Removable for PAR38/R40 use.	35-W Max. PAR20 Metal Halide or 50-W Max. PAR20 Incandescent
LED Lamp Options	17W PAR38 Wet (18093-18098) see page 166. Compares up to 75W Halogen.	N/A
Wiring	8" of usable 200°C 18 AWG wire leads	8" of usable 200°C 18 AWG wire leads
Optional Mounting Access.	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 – Junction Box Mounting Bracket
Optional Lens Accessories	15660 – Medium Cowl 15668 – Long Cowl 15625 – Blue Filter 15639 – Hexcell Louver	15630 – Cowl with glass lens
Notes	Accents require remote ballasts for High Intensity Discharge. See HID Ballast Guide on page 159 and 120V Lamp Guide on page 166. For Lamp Photometrics see page 169.	Accents require remote ballasts for High Intensity Discharge. See HID Ballast Guide on page 159 and 120V Lamp Guide on page 166. For Lamp Photometrics see page 169.

LARGE
COMPACT



AZT

DOWNLIGHT



AZT

15250 AZT

15255 AZT

Ordering Guide & Finish	15250 AZT	15255 AZT
Housing	Textured Architectural Bronze	Textured Architectural Bronze
Lamp Base	4000V (4KV) pulse rated medium base porcelain socket	4000V (4KV) pulse rated medium base porcelain socket
Supplied Lamp	Lamp not supplied unless noted	Lamp not supplied unless noted
Incandescent Lamp Options	100-W Max. PAR38 Metal Halide or 100-W Max. PAR38 Incandescent	175-W Max. PAR38 Metal Halide, 100-W Max. E17 Metal Halide or 150-W Max. PAR38/R40 Incandescent Reflector: for use with E17 lamp. Removable for PAR38/R40 use.
LED Lamp Options	12W PAR30L Wet (18111-18116) see page 166. Compares up to 50W Halogen.	17W PAR38 Wet (18093-18098) see page 166. Compares up to 75W Halogen.
Wiring	8" of usable 200°C 18 AWG wire leads	8" of usable 200°C 18 AWG wire leads
Optional Mounting Access.	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
Optional Lens Accessories	15620 – Medium Cowl 15628 – Long Cowl 15623 – Blue Filter 15637 – Hexcell Louver	15660 – Medium Cowl 15668 – Long Cowl
Notes	Accents require remote ballasts for High Intensity Discharge. See HID Ballast Guide on page 159 and 120V Lamp Guide on page 166. For Lamp Photometrics see page 169.	Accents require remote ballasts for High Intensity Discharge. See HID Ballast Guide on page 159 and 120V Lamp Guide on page 166. For Lamp Photometrics see page 169.

120V LED/INCANDESCENT ACCENT

IN-GROUND INCANDESCENT – PAR38



AZ

15295 AZ

SMALL IN-GROUND – PAR20/PAR30

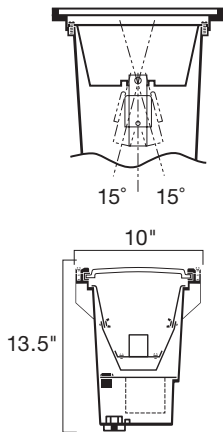


AZ

15268 AZ

Ordering Guide & Finish	15295 AZ	15268 AZ
Housing	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.
Lamp Base	4000V (4KV) pulse rated medium base porcelain socket. Re-enterable encapsulant	Medium base porcelain socket
Supplied Lamp	Lamp not supplied unless noted	Lamp not supplied unless noted
Incandescent Lamp Options	150-W Max. PAR38 Incandescent	75-W Max. PAR20 or PAR30 and PAR30 Longneck Incandescent
LED Lamp Options	17W PAR38 Wet (18093-18098) see page 166. Compares up to 75W Halogen.	7W PAR20 Wet (18081-18086) see page 169. Compares up to 35W Halogen. 12W PAR30 Wet (18087-18029) see page 169. Compares up to 50W Halogen. 12W PAR30L Wet (18111-18116) see page 169. Compares up to 50W Halogen.
Wiring	Architectural Bronze™	Architectural Bronze™
Aiming	With adjustable aim assembly, 15° angle, 358° rotation with wing-nut locking mechanism	With adjustable aim assembly, 25° angle, 358° rotation
Optional Access.	15608 – Concrete Pour Kit (Drive-over) 15616 WH10 – Gel Encapsulant 10 pack	N/A
Optional Lens Accessories	15626 – Blue Filter with gasket 15688 – Rock Guard	15694 – Rock Guard
Notes	Drive over capacity 3,000 lbs. Adjustable to 15° angle. Use with blue filter 15626 to intensify green color in the landscape.	U.S. Patent No. 5,230,559. Korea Patent No. 126459. For use with PAR20 and PAR30 lamps.

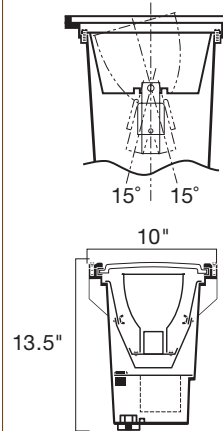
IN-GROUND 35-W MH



AZ

15262 AZ

IN-GROUND 70-W MH



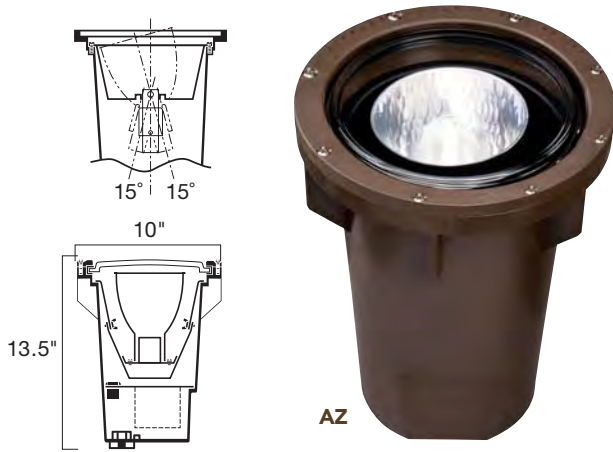
AZ

15263 AZ

Ordering Guide & Finish	15262 AZ	15263 AZ
Housing	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.
Lamp Base	Internal ANSI M130 Metal Halide ballast included with 120V tap	Internal ANSI M98 Metal Halide ballast with 120V tap
Supplied Lamp	Lamp not supplied unless noted	Lamp not supplied unless noted
Incandescent Lamp Options	35-W PAR20 Metal Halide	170-W PAR30 Metal Halide or 70-W E17 Metal Halide
LED Lamp Options	7W PAR20 Wet (18081-18086) see page 169. Compares up to 35W Halogen. 12W PAR30 Wet (18087-18029) see page 169. Compares up to 50W Halogen. 12W PAR30L Wet (18111-18116) see page 169. Compares up to 50W Halogen.	7W PAR20 Wet (18081-18086) see page 169. Compares up to 35W Halogen. 12W PAR30 Wet (18087-18029) see page 169. Compares up to 50W Halogen. 12W PAR30L Wet (18111-18116) see page 169. Compares up to 50W Halogen.
Wiring	4000V (4KV) pulse rated medium base porcelain socket	4000V (4KV) pulse rated medium base porcelain socket
Aiming	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
Optional Accessories	15608 – Concrete Pour Kit (Drive-over) 15616 WH10 – Gel Encapsulant 10 pack	15608 – Concrete Pour Kit (Drive-over) 15616 WH10 – Gel Encapsulant 10 pack
Optional Lens Accessories	15626 – Blue Filter with gasket 15688 – Rock Guard	15626 – Blue Filter with gasket 15688 – Rock Guard
Notes	Drive Over Capacity: 3000 lbs. Adjustable to 15° angle. Use with blue filter 15626 to intensify green color in the landscape.	Drive Over Capacity: 3000 lbs. Adjustable to 15° angle. Use with blue filter 15626 to intensify green color in the landscape.

120V LED/INCANDESCENT ACCENT

IN-GROUND 70-W MH QUAD-TAP



15266 AZ

Ordering Guide & Finish	15266 AZ
Housing	Durable thermoplastic composite resin. Tempered convex glass lens fully sealed for watertight outdoor use.
Lamp Base	Internal ANSI M98 Metal Halide ballast with 120V, 208V, 240V and 277V taps
Supplied Lamp	Lamp not supplied unless noted
Incandescent Lamp Options	70-W PAR30 Metal Halide or 70-W E17 Metal Halide
LED Lamp Options	7W PAR20 Wet (18081-18086) see page 169. Compares up to 35W Halogen. 12W PAR30 Wet (18087-18029) see page 169. Compares up to 50W Halogen. 12W PAR30L Wet (18111-18116) see page 169. Compares up to 50W Halogen.
Wiring	4000V (4KV) pulse rated medium base porcelain socket
Aiming	With adjustable aim assembly, 15° angle, 358° rotation with wing-nut locking mechanism
Optional Access.	15608 – Concrete Pour Kit (Drive-over) 15616 WH10 – Gel Encapsulant 10 pack
Optional Lens Accessories	15626 – Blue Filter with gasket 15688 – Rock Guard
Notes	Drive over capacity 3,000 lbs. Adjustable to 15° angle. Use with blue filter 15626 to intensify green color in the landscape.

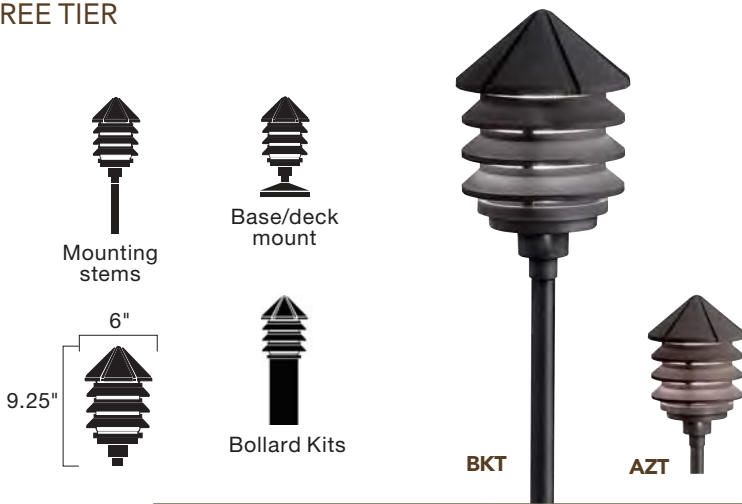
INCANDESCENT 120V PATH & SPREAD

Let powerful light inhabit space
around walkways, landscapes,
and commercial & retail buildings.



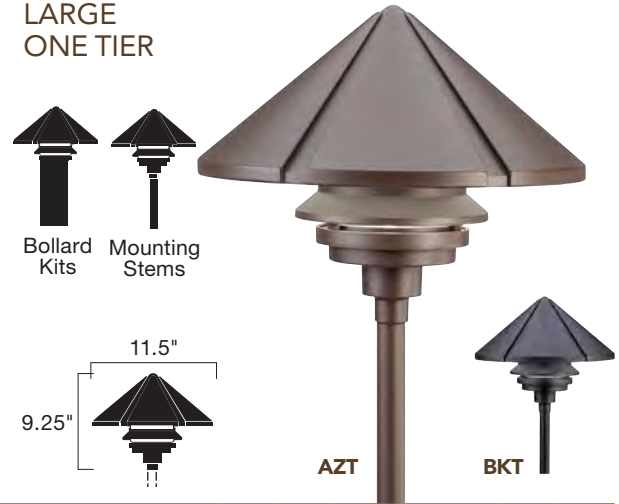
120V LED/INCANDESCENT ACCENT

THREE TIER



15205 AZT, BKT

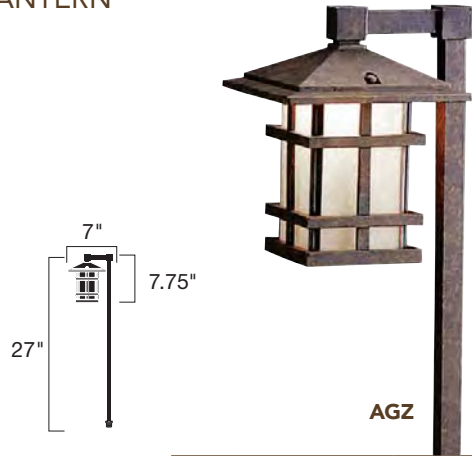
LARGE ONE TIER



15211 AZT, BKT

Ordering Guide & Finish	15205 AZT, BKT	15211 AZT, BKT																																																																																
Housing	Cast Aluminum. Molded ribbed diffuser of clear UV stabilized high impact resistant polycarbonate. Mounting stems and bollard kits sold separately.	Durable thermoplastic composite resin. Tempered convex glass lens fully sealed for watertight outdoor use.																																																																																
Lamp Type	Up to 75W Max. A19 light bulb (not supplied)	Internal ANSI M98 Metal Halide ballast with 120V tap																																																																																
Wiring	30" of usable 105°C 18 AWG wire leads. 120V medium base porcelain socket with nickel plated screw shell	4000V (4KV) pulse rated medium base porcelain socket																																																																																
Optional Mounting Accessories	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	15616 WH10 – Gel Encapsulant 10 pack																																																																																
Notes	Stem or bollard ordered separately	Adjustable to 15° angle. Use with blue filter 15626 to intensify green color in the landscape.																																																																																
Fixture Photometric (fc)	<table border="1"> <thead> <tr> <th>Mounting Height</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> <th>7'</th> <th>8'</th> <th>9'</th> </tr> </thead> <tbody> <tr> <td>12"</td> <td>10.1</td> <td>7.7</td> <td>1.7</td> <td>.82</td> <td>.48</td> <td>.21</td> <td>.11</td> <td>–</td> <td>–</td> </tr> <tr> <td>18"</td> <td>4.9</td> <td>4.7</td> <td>2.8</td> <td>1.0</td> <td>.48</td> <td>.27</td> <td>.14</td> <td>.07</td> <td>–</td> </tr> <tr> <td>24"</td> <td>3.2</td> <td>3.5</td> <td>3.4</td> <td>1.3</td> <td>.62</td> <td>.38</td> <td>.21</td> <td>.14</td> <td>.07</td> </tr> </tbody> </table>	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	<table border="1"> <thead> <tr> <th>Mounting Height</th> <th>1'</th> <th>2'</th> <th>3'</th> <th>4'</th> <th>5'</th> <th>6'</th> <th>7'</th> <th>8'</th> <th>9'</th> </tr> </thead> <tbody> <tr> <td>12"</td> <td>27.1</td> <td>11.7</td> <td>2.8</td> <td>1.2</td> <td>.89</td> <td>.34</td> <td>.18</td> <td>.07</td> <td>–</td> </tr> <tr> <td>18"</td> <td>19</td> <td>9.5</td> <td>4.6</td> <td>1.7</td> <td>.82</td> <td>.45</td> <td>.31</td> <td>.18</td> <td>.07</td> </tr> <tr> <td>24"</td> <td>14.6</td> <td>7.8</td> <td>4.8</td> <td>2.4</td> <td>1</td> <td>.55</td> <td>.27</td> <td>.27</td> <td>.14</td> </tr> </tbody> </table>	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
	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																																																																									
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																																																																									

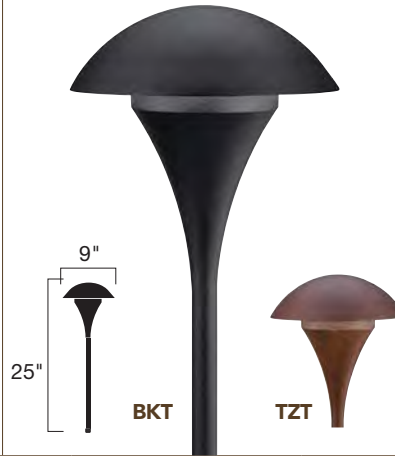
CROSS CREEK™
LANTERN



AGZ

15232 AGZ

ECLIPSE™



BKT

TZT

15236 BKT, TZT

TRADITIONAL
MARINE LANTERN



OZ

15239 OZ

Ordering Guide & Finish	15232 AGZ	15236 BKT, TZT	15239 OZ
Housing	Aluminum with textured linen seedy glass side panels and clear glass bottom panel	Cast Aluminum with clear glass	Brass
Lamp Type	Up to 25W Max. A19 light bulb (not supplied)	Up to 25W Max. A19 light bulb (not supplied)	Up to 25W Max. A19 light bulb (not supplied)
Wiring	6" of usable 105°C, 18 AWG wire leads. 120V medium base porcelain socket.	6" of usable 105°C 18 AWG wire leads. 120V medium base porcelain socket with nickel plated screw shell.	6" of usable 105°C 18 AWG wire leads. 120V medium base porcelain socket with nickel plated screw shell.
Optional Accessories	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)	15276 – Power Post® 15601 – Surface Mounting Flange (for attachment to junction box, not included)
Notes	U.S. Patent No. D580,084	U.S. Patent No. D580,084	U.S. Patent No. D580,084
Fixture Photometric (fc)	Distance from Light	Distance from Light	Distance from Light
	Foot Candles	Foot Candles	Foot Candles

120 LED OUTDOOR

LED 120V OUTDOOR



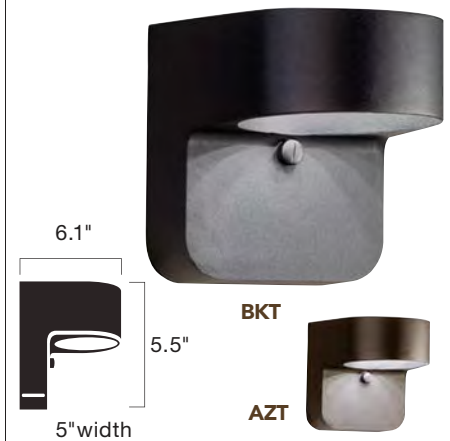
11251 AZT, BKT

LED 120V OUTDOOR



11250 AZT, BKT

LED 120V OUTDOOR



11077 AZT, BKT

	11251 AZT, BKT	11250 AZT, BKT	11077 AZT, BKT																																				
Ordering Guide & Finish	11251 AZT, BKT	11250 AZT, BKT	11077 AZT, BKT																																				
Housing	Cast Aluminum with powder coat finish and polycarbonate top shield	Cast Aluminum with powder coat finish	Cast Aluminum with powder coat finish																																				
Light Source	Integrated high output Nichia LEDs and Drivers	Integrated high output Nichia LEDs and Drivers	Integrated high output Nichia LEDs and Drivers																																				
Color Temp. (CCT) & CRI	3000K (-50/+50) / Mid 80s CRI	3000K (-50/+50) / Mid 80s CRI	3000K (-50/+50) / Mid 80s CRI																																				
Power Usage	14.67 W	11.23 W	15.42 W																																				
Operating Voltage	120V-277V AC, 50-60 Hz (Range)	120V-277V AC, 50-60 Hz (Range)	120V-277V AC, 50-60 Hz (Range)																																				
Lumen Maint. Options	Tested to an L-70 of 40,000 hours	Tested to an L-70 of 40,000 hours	Tested to an L-70 of 40,000 hours																																				
Wiring	8" of usable 105° 18 AWG wire leads	8" of usable 105° 18 AWG wire leads	8" of usable 105° 18 AWG wire leads																																				
Total Lumens & Efficacy	574 Lm 39 Lm/W	374 Lm 33 Lm/W	425 Lm 28 Lm/W																																				
Notes	N/A	Perfect for Dark Sky applications	Perfect for Dark Sky applications																																				
Fixture Photometric (fc)	<table border="1"> <tr> <th>Distance from Light</th> <td>4.2'</td> <td>8.4'</td> <td>12.5'</td> <td>16.7'</td> <td>20.9'</td> </tr> <tr> <th>Foot Candles</th> <td>52.1</td> <td>13.0</td> <td>5.8</td> <td>3.3</td> <td>2.1</td> </tr> </table>	Distance from Light	4.2'	8.4'	12.5'	16.7'	20.9'	Foot Candles	52.1	13.0	5.8	3.3	2.1	<table border="1"> <tr> <th>Distance from Light</th> <td>4'</td> <td>8.3'</td> <td>12.4'</td> <td>16.5'</td> <td>20.6'</td> </tr> <tr> <th>Foot Candles</th> <td>50.9</td> <td>12.7</td> <td>5.7</td> <td>3.2</td> <td>2.0</td> </tr> </table>	Distance from Light	4'	8.3'	12.4'	16.5'	20.6'	Foot Candles	50.9	12.7	5.7	3.2	2.0	<table border="1"> <tr> <th>Distance from Light</th> <td>2.7'</td> <td>5.5'</td> <td>8.2'</td> <td>11.0'</td> <td>13.7'</td> </tr> <tr> <th>Foot Candles</th> <td>82.5</td> <td>20.6</td> <td>9.2</td> <td>5.2</td> <td>3.3</td> </tr> </table>	Distance from Light	2.7'	5.5'	8.2'	11.0'	13.7'	Foot Candles	82.5	20.6	9.2	5.2	3.3
Distance from Light	4.2'	8.4'	12.5'	16.7'	20.9'																																		
Foot Candles	52.1	13.0	5.8	3.3	2.1																																		
Distance from Light	4'	8.3'	12.4'	16.5'	20.6'																																		
Foot Candles	50.9	12.7	5.7	3.2	2.0																																		
Distance from Light	2.7'	5.5'	8.2'	11.0'	13.7'																																		
Foot Candles	82.5	20.6	9.2	5.2	3.3																																		

ADDRESS LIGHT KIT – TEXTURED BLACK OR OLDE BRONZE™ FINISH

The address light collection provides for enhanced visibility to your home address for deliveries, visitors and in emergency situations.



E 4301 #1 Block **F** 4302 #2 Block **G** 4303 #3 Block **H** 4304 #4 Block **J** 4305 #5 Block **K** 4306 #6 Block **L** 4307 #7 Block **M** 4308 #8 Block **N** 4309 #9 Block **O** 4300 #0 Block **P** 4310 Blank Block **Q** 4311 2 Blank Half Blocks

120V OUTDOOR



6051 AZ, WH

120V OUTDOOR



6052 AZ, WH

Ordering Guide & Finish	6051 AZ, WH	6052 AZ, WH
Housing	Aluminum	Aluminum
Lamp Base	Medium base lamp	Medium base lamp
Supplied Lamp	(1) 120-W Max. BR-40 or 150-W Max. PAR38	(2) 120-W Max. BR-40 or 150-W Max. PAR38
Incandescent Lamp Options	N/A	N/A
LED Lamp Options	12W PAR30 Wet (18087-18092) see page 166. Compares up to 50W Halogen. 12W PAR30L Wet (18111-18116) see page 166. Compares up to 50W Halogen. 17W PAR38 Wet (18093-18098) see page 166. Compares up to 75W Halogen.	12W PAR30 Wet (18087-18092) see page 166. Compares up to 50W Halogen. 12W PAR30L Wet (18111-18116) see page 166. Compares up to 50W Halogen. 17W PAR38 Wet (18093-18098) see page 166. Compares up to 75W Halogen.
Wiring	8" of usable 105° 18 AWG wire leads	8" of usable 105° 18 AWG wire leads
Notes	For LED Lamp photometrics, see page 167	For LED Lamp photometrics, see page 167

ADDRESS LIGHT

	ITEM #	FINISH	INCAND. BULB	LIGHT SOURCE	W	H	L	EXT.	HCWO	NOTES
A	43800	BKT, OZ	(2) 5W T5 Wedge Base	---	2.5	7	12.25	2.5	3.5	Damp Location
B	43800	BKTLED, OZLED	---	4W	2.5	7	12.25	2.5	3.5	Damp Location
C	4355	CLR	5W T5 Wedge Base	---	---	---	---	---	---	

OPTIONAL TRANSFORMER

Optional: Necessary only when doorbell transformer unavailable for installation. 16V output.

	ITEM #	W	H	L
D	4381	2.75	2.5	2

CAST ALUMINUM
CONSTRUCTION

NUMBER SET

	ITEM #	NUMBER	W	H	L
E	4301	1	2.25	.5	.25
F	4302	2	2.25	.5	.25
G	4301	3	2.25	.5	.25
H	4301	4	2.25	.5	.25
J	4301	5	2.25	.5	.25
K	4301	6	2.25	.5	.25
L	4301	7	2.25	.5	.25
M	4301	8	2.25	.5	.25
N	4301	9	2.25	.5	.25
O	4301	0	2.25	.5	.25
P	4301	Blank	2.25	.5	.25
Q	4301	1/2 Blank	2.25	.5	.25

INCANDESCENT 120V BALLASTS

Helping your HID system operate flawlessly.



ABOVE-GROUND



15MHS35 AZT

IN-GROUND



15IGMHS70 AZ

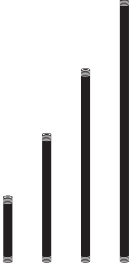




<p>Ordering Guide & Finish</p>	<p>Product ID – 15MHS35 AZT Description – Single 35-W-MH Tap – 120V ANSI# – M130</p>	<p>Product ID – 15IGMHS70 AZ Description – Single 70-W MH Tap – 120V ANSI# – M98</p>
<p>Housing</p>	<p>Stamped steel. Textured Architectural Bronze thermoset powder coat finish. Top and bottom mounting brackets. 1/2" and 3/4" trade size combination knockouts for conduit entry. Stainless steel mounting screws and anchors included.</p>	<p>Single piece Polyphenylene Sulphide (PPS) glass reinforced composite with molded in ribs to prevent ground shift. Two 3/4" NPT entries for conduit attachment. With 1/2" NPSM removable plug for both direct fixture mount and remote mount application. Re-enterable encapsulant 3M 8882 potting compound included. One piece, molded silicone "O" Ring. Stainless steel captive and gasketed screws.</p>
<p>Ballast</p>	<p>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.</p>	<p>Quick disconnect ballast with bracket handle. Available with single 120V tap.</p>
<p>Dimensions</p>	<p>Single – 120V: 6.375" W x 9.5" L x 5.25" D</p>	<p>9.625" Dia. X 12" Hgt.</p>
<p>Notes</p>	<p>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) model. Some lamp brands may perform better.</p>	<p>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.</p>

LED/INCANDESCENT

120V ACCESSORIES

Create a customized installation.



MOUNTING ACCESSORIES	ITEM NUMBER	NOTES
<p>Fixture Mounting Stems</p>  <p>1/2-14 NPSM thd. stems .75 dia. overall</p>	<p>6" – 15645 AZT, 15645 BBR, 15645 BKT 12" – 15656 AZT, 15656 BBR, 15656 BKT 18" – 15657 AZT, 15657 BBR, 15657 BKT 24" – 15658 AZT, 15658 BBR, 15658 BKT</p>	<p>All stems made of corrosion resistant aluminum alloy (except BBR, which is Bronzed Brass) with baked thermoset powder coating to match fixtures. Used with:</p> <ul style="list-style-type: none"> • In-ground support stakes (low voltage only) • Surface mounting flange (low or line voltage) 1/2-14 NPSM stems will require additional Coupler (15649) or Elbow (15647) for accent light use
<p>Power Post®</p>  <p>4.375" 19" 2.25"</p>	<p>15276 BKT for use with fixtures 15205 AZT, 15205 BKT, 15211 AZT, 15211 BKT, 15232 AGZ, 5236 BKT, 15236 TZ, 15239 OB & 15239 OZ</p>	<p>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.</p>
<p>Bollard Mounting Stake</p>  <p>23" H</p>	<p>15578 BK for use with all bollard mounting kits on 12V and 120V fixtures 15005, 15205, 15211</p>	<p>Improved extruded PVC stake is corrosion resistant and 23" length has increased support and stability. Fitting provided to mount bollard in soil.</p> <p>*As allowed by local electrical codes</p>
<p>Surface Mounting Flange</p>  <p>4" D 1/2-14 NPSM thd</p>	<p>15601 AZT 15601 BBR 15601 BKT 15601 WHT</p>	<p>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.</p>
<p>Flange Mounting Nipple</p>  <p>1/2-14 NPSM thd.</p>	<p>15602 AL</p>	<p>Anodized aluminum nipple. Used when attaching fixture directly to 15601 flange and 15607 bracket.</p>

120V LED/INCANDESCENT ACCESSORIES

MOUNTING ACCESSORIES	ITEM NUMBER	NOTES
Junction Box Mounting Bracket  2.39" W 5.56" H	15609 AZT 15609 BKT 15609 WHT	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	Re-enterable encapsulant gel for in-ground installations. Two-part field mixable material in one convenient package.
In-Ground Concrete Pour Kit  7" D 5.19" H	15608 AZ for use with 15262, 15263, 15266, 15295, 15IGT100, 15IGT300, 15IGT600	Injection molded concrete pour kit.

LENS/SHIELD ACCESSORIES	ITEM NUMBER	NOTES
LED Amber Lens 	16065 AMB for use with 12.5W – 16200, 16201, 16206 16066 AMB for use with 19.5W & 29W – 16202, 16203, 16204, 16205, 16207, 16208	Designed specifically for Kichler Design Pro LED with Radiax Optics, lens offers the ability to create a warmer lighting effect.
LED Green Lens 	16065 GRN for use with 12.5W – 16200, 16201, 16206 16066 GRN for use with 19.5W & 29W – 16202, 16203, 16204, 16205, 16207, 16208	For use with all bollard mounting kits. For permanent installation into concrete. Template kit includes positioning template, anchor bolts, and mounting hardware.
LED Frosted Lens 	16065 FRO for use with 12.5W – 16200, 16201, 16206 16066 FRO for use with 19.5W & 29W – 16202, 16203, 16204, 16205, 16207, 16208	Designed specifically for Kichler Design Pro LED with Radiax Optics, greens of foliage can be intensified to illustrate their true beauty.
Blue Lens Filter 	15623 BL for use with 15231	N/A
45° Hexcell Louver 	15638 BK for use with 15241	Expanded aluminum shield with high temperature black finish.

LENS/SHIELD ACCESSORIES	ITEM NUMBER	NOTES
<p>LED Long Cowl</p> <p>5.8"</p> 	<p>16060 AZT for use with 12.5W fixtures 16200, 16060 BBR 16201, 16206 16060 WHT</p> <p>16062 AZT for use with 19.5W & 29W fixtures 16062 BBR 16202, 16203, 16204, 16205, 16062 WHT 16207, 16208</p>	<p>N/A</p>
<p>LED 360° Short Cowl</p> <p>16061: 2.5" 16063: 3.3"</p> 	<p>16061 AZT for use with 12.5W fixtures 16200, 16061 BBR 16201, 16206 16061 WHT</p> <p>16063 AZT for use with 19.5W & 29W fixtures 16063 BBR 16202, 16203, 16063 WHT 16204, 16205, 16207, 16208</p>	<p>N/A</p>
<p>Rock Guard</p> 	<p>15688 AZ for use with 15263, 15264, 15265 and 15295</p>	<p>N/A</p>
<p>PAR20 Medium Cowl</p> <p>3.32" L</p> 	<p>15620 AZT 15620 BKT for use with 15231</p>	<p>Lens cowl sold with fixture. 360° rotation for precise light cutoff.</p>
<p>PAR20 Long Cowl</p> <p>7.45" L</p> 	<p>15628 AZT 15628 BKT for use with 15231</p>	<p>N/A</p>
<p>PAR30 Medium Cowl</p> <p>3.87" L</p> 	<p>15640 AZT 15640 BKT for use with 15241</p>	<p>N/A</p>
<p>PAR30 Long Cowl</p> <p>8.99" L</p> 	<p>15648 AZT 15648 BKT for use with 15241</p>	<p>N/A</p>
<p>PAR38 Medium Cowl</p> <p>4.92" L</p> 	<p>15660 AZT 15660 BKT for use with 15251, 15255</p>	<p>N/A</p>
<p>PAR38 Long Cowl</p> <p>12" L</p> 	<p>15668 AZT for use with 15251 & 15255</p>	<p>N/A</p>
<p>PAR20 Cowl</p> <p>3.58" L</p> 	<p>15630 AZ for use with 15230</p>	<p>Heat-resistant clear lens</p>
<p>PAR38 Cowl</p> <p>3.58" L</p> 	<p>15650 AZT for use with 15250</p>	<p>Heat-resistant clear lens</p>

LED 120V-277V LAMPS

Landscape LED lamps developed
the Kichler way.



120V FEATURES

- Potted and/or coated electronics protect against moisture
- Operating range from 120V to 277V
- Design & listed for wet location & enclosed fixtures
- Can be used in open fixtures or outdoor sockets
- Cast aluminum heat sink, anodized black, for increased thermal management
- Integrated driver and transformer with high output Cree®* LEDs tightly binned for high CRI, color uniformity and color quality
- 30,000 hour life in an enclosed fixture
- FCC compliance ensures no interference with other electronic devices
- High total lumens and lumens per watt (efficacy)
- Custom optics deliver center-to-edge beam uniformity
- Interior use as well



PAR20
Wet Location



PAR30
Wet Location

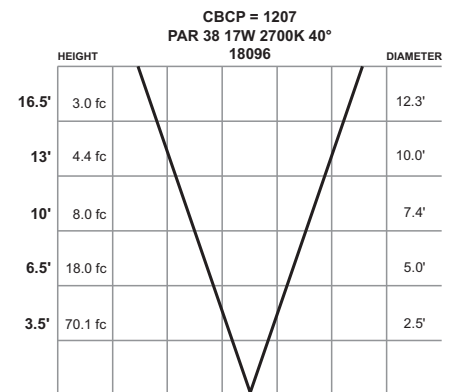
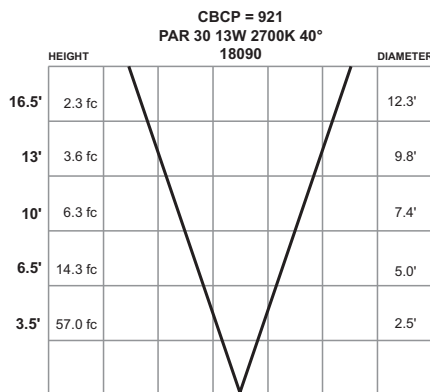
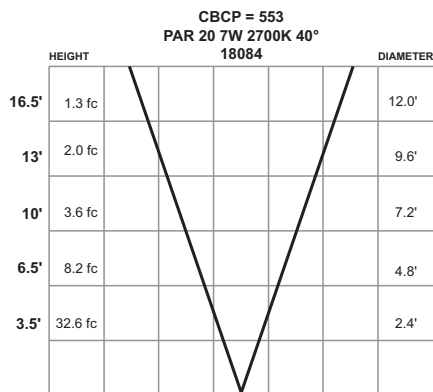


PAR30
Wet Location
Longneck



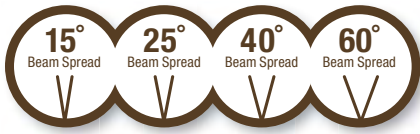
PAR38
Wet Location

120V – 277V PHOTOMETRICS



* The curves indicate the illuminated area and the average illumination when the luminaire is at different distances. Stated footcandles are for bare lamps only. For additional photometrics, visit landscapelighting.com

120V-277V LED/INCANDESCENT LAMPS

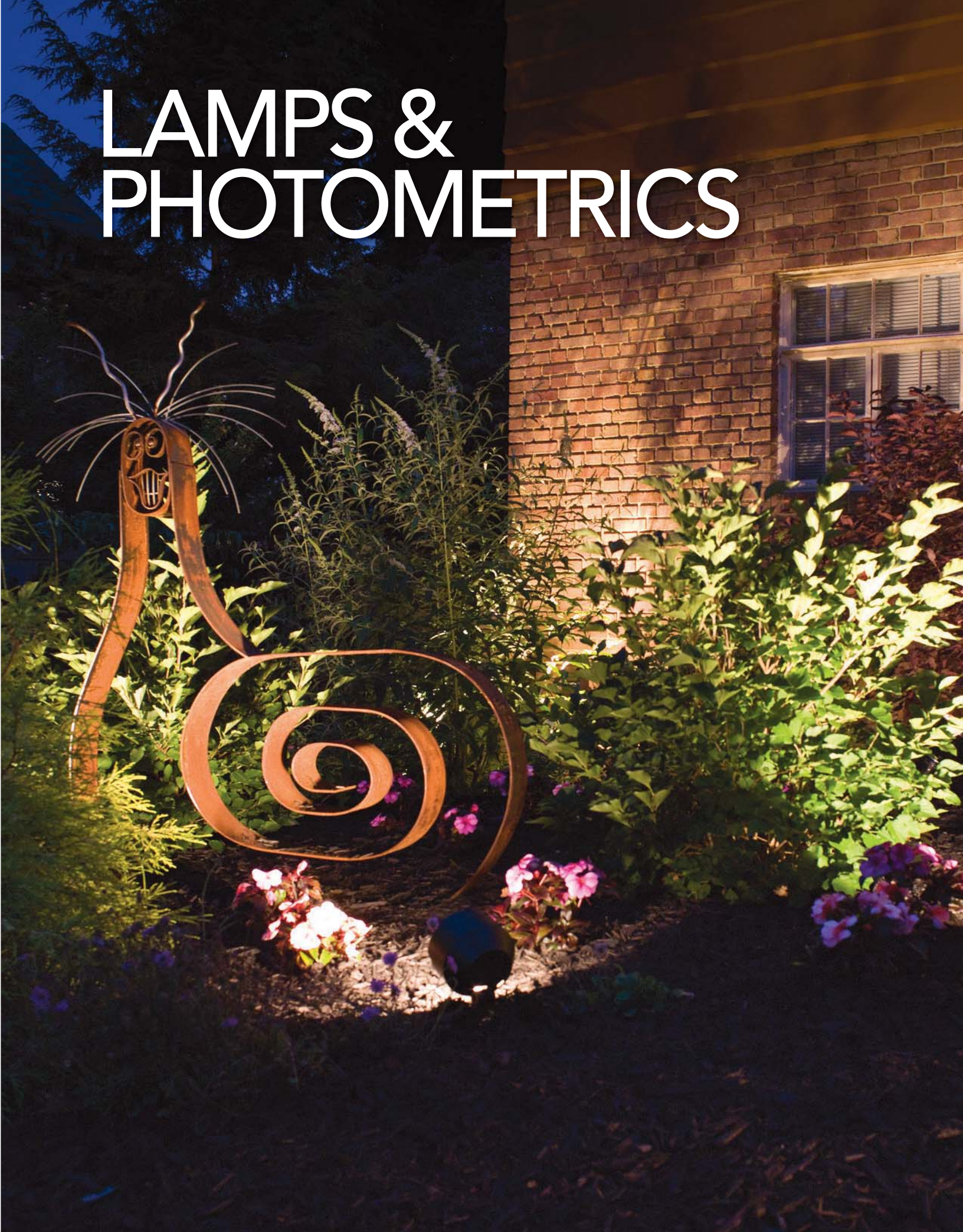


BASE / LAMP TYPE	WATTS	KELVIN / LUMENS	BEAM ANGLE	
PAR20 – Wet*** Location 	7W Compares up to 35W Halogen		25° SPOT	40° FLOOD
		2700K – Warm White 310Lm	18081	18084
		3000K – Pure White 330Lm	18082	18085
		4200K – Cool White 350Lm	18083	18086
PAR30 – Wet*** Location 	12W Compares up to 50W Halogen		25° SPOT	40° FLOOD
		2700K – Warm White 580Lm	18087	18090
		3000K – Pure White 610Lm	18088	18091
		4200K – Cool White 640Lm	18089	18092
PAR30 – Wet*** Location Longneck 	12W Compares up to 50W Halogen		25° SPOT	40° FLOOD
		2700K – Warm White 580Lm	18111	18114
		3000K – Pure White 610Lm	18112	18115
		4200K – Cool White 640Lm	18113	18116
PAR38 – Wet*** Location 	17W Compares up to 75W Halogen		25° SPOT	40° FLOOD
		2700K – Warm White 800Lm	18093	18096
		3000K – Pure White 850Lm	18094	18097
		4200K – Cool White 900Lm	18095	18098


***Wet location versions designed and listed for use in an enclosed or open fixture.

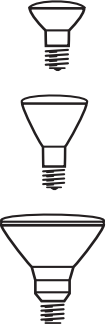
Stated lumens are for bare lamp only. Using lamp in enclosed fixtures can result in up to 30-50% loss in lumen output based on test data.


LAMPS & PHOTOMETRICS



120V LED/INCANDESCENT LAMPS & PHOTOMETRICS

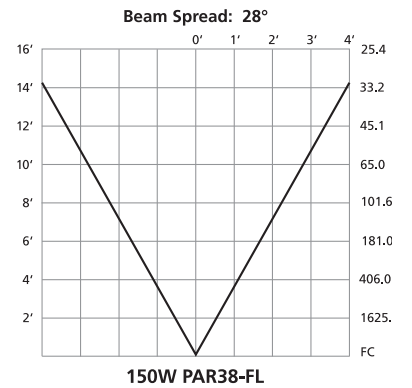
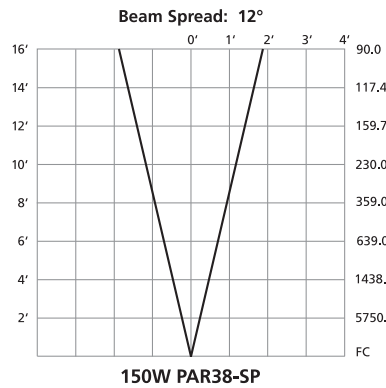
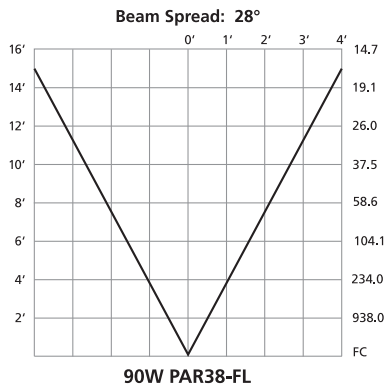
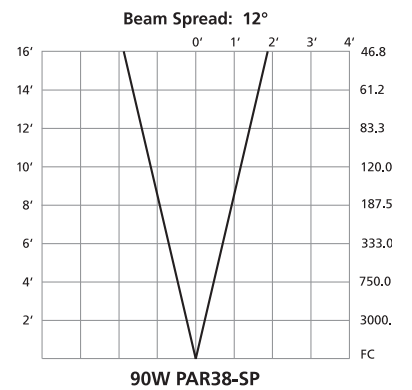
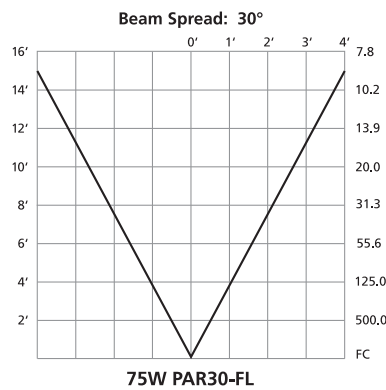
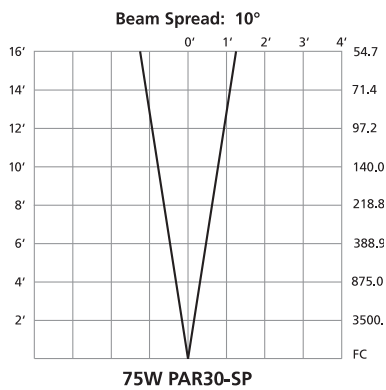
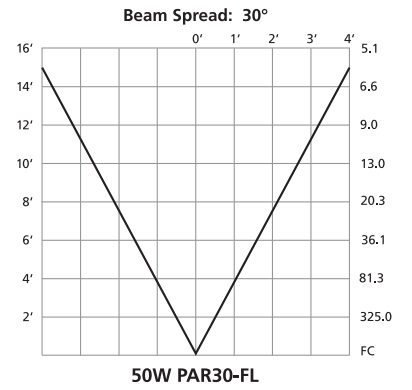
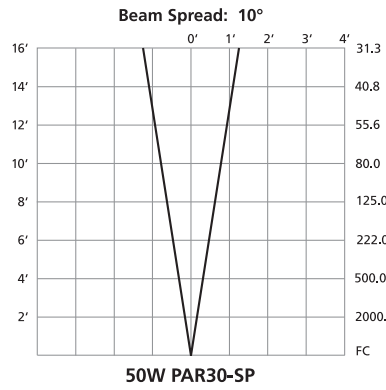
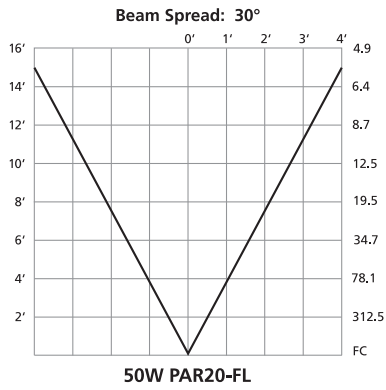
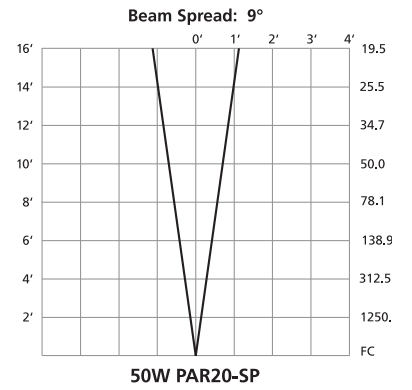
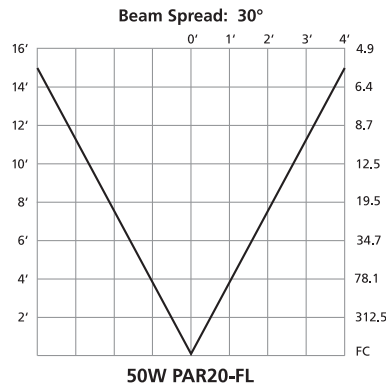
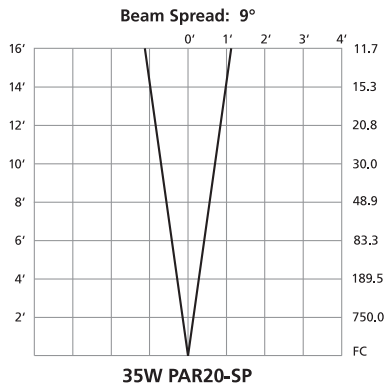
INCANDESCENT	LAMP TYPE	WATTS	BEAM SPREAD	BASE	LUMENS	AVERAGE LIFE (HRS)
	30R20-SP	30	Spot	Medium	300	2,000
	30R20-FL	30	Flood	Medium	300	2,000
	50R20-SP	50	Spot	Medium	550	2,000
	50R20-FL	50	Flood	Medium	550	2,000
	75R30-SP	75	Spot	Medium	770	2,000
	75R30-FL	75	Flood	Medium	770	2,000
	65R40-SP	65	Spot	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

HALOGEN	LAMP TYPE	WATTS	BEAM SPREAD	BASE	LUMENS	AVERAGE LIFE (HRS)
	30PAR20-SP	35	9°	Medium	350	2,000
	30PAR20-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

METAL HALIDE	LAMP TYPE	WATTS	BEAM SPREAD	BASE	LUMENS	AVERAGE LIFE (HRS)
	70-ED17	70	–	Medium	4,000	10,000
	100-ED17	100	–	Medium	5,580	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: VNSP – Very narrow spot, NSP – Narrow spot, SP – Spot, NFL – Narrow flood, FL – Flood, WFL – Wide flood
 VVFL – Very wide flood, MEDIUM – Medium screwshell

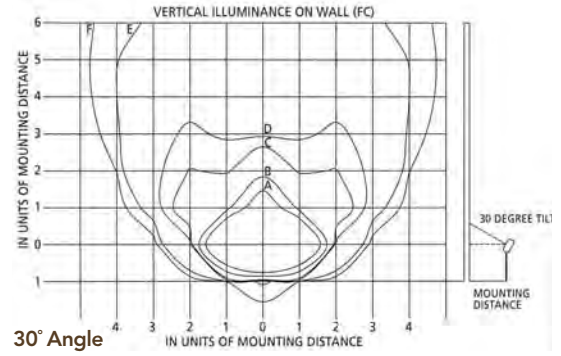
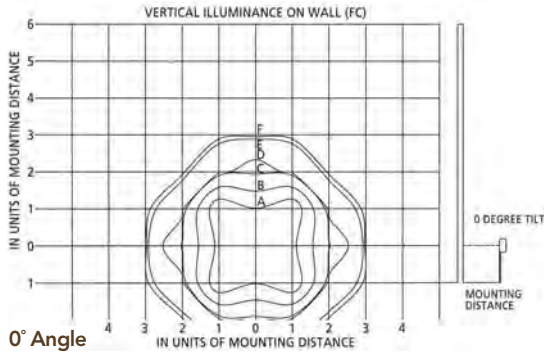
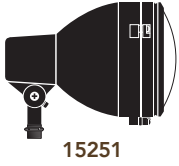
Note: Lumens and lamp life may vary by manufacturer. Stated lumens are of bare lamp.



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

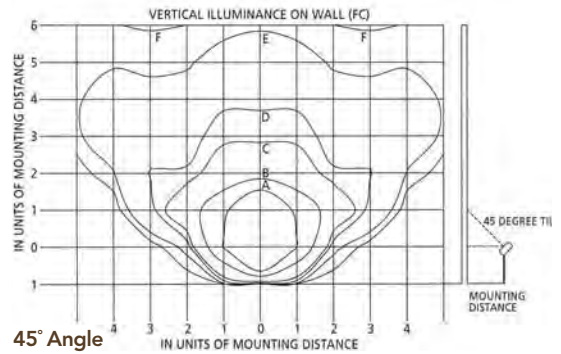
120V INCANDESCENT FIXTURE PHOTOMETRICS

75-W Metal Halide
Clear ED17 Metal Halide
based on 5000 lumens
per lamp

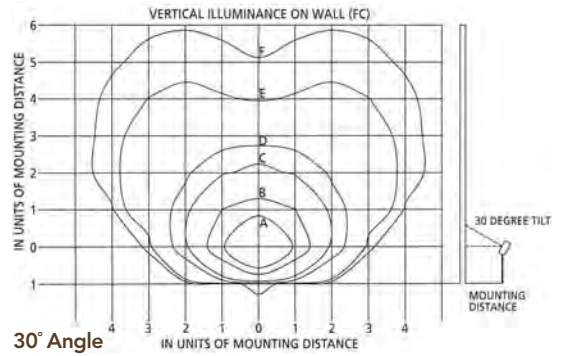
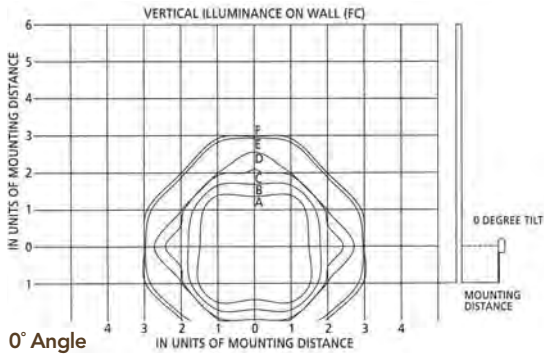
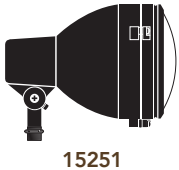


Vertical Illuminance (FC)

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

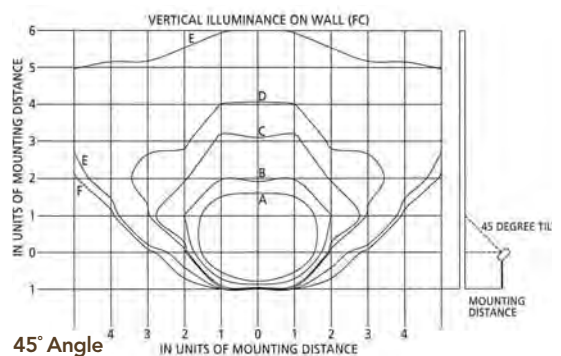


100-W Metal Halide
Clear ED17 Metal Halide
based on 9000 lumens
per lamp

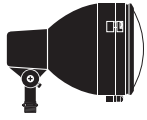


Vertical Illuminance (FC)

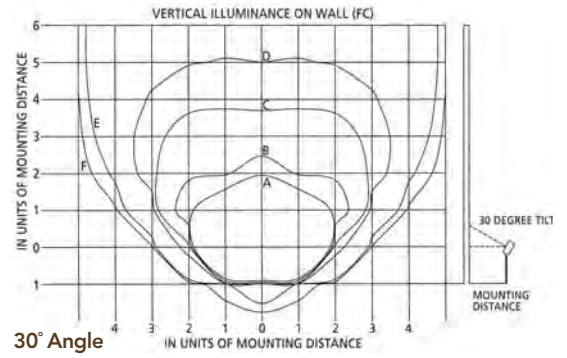
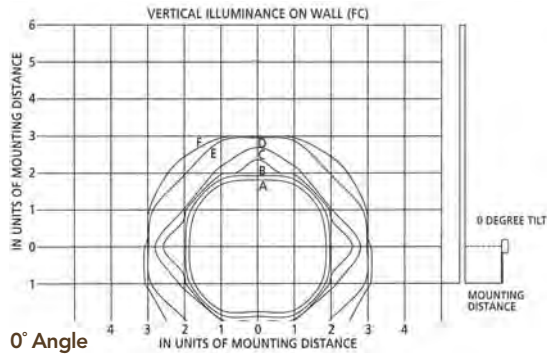
MD(FT)	A	B	C	D	E	F
3	13.89	8.33	2.78	1.39	0.28	0.14
4	7.81	4.69	1.56	0.78	0.16	0.08
5	5.00	3.00	1.00	0.50	0.10	0.05
6	3.47	2.08	0.69	0.35	0.07	0.03
7	2.55	1.53	0.51	0.26	0.05	0.03
8	1.95	1.17	0.39	0.20	0.04	0.02
9	1.54	0.93	0.31	0.15	0.03	0.02
10	1.25	0.75	0.25	0.13	0.03	0.01



175-W Metal Halide
Clear ED17 Metal Halide
based on 14000 lumens
per lamp

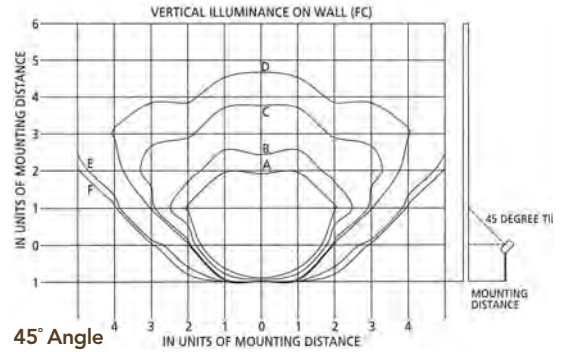


15251



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

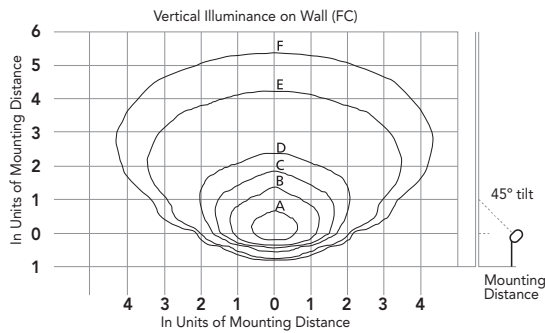


120 LED/INCANDESCENT ACCENT PHOTOMETRICS

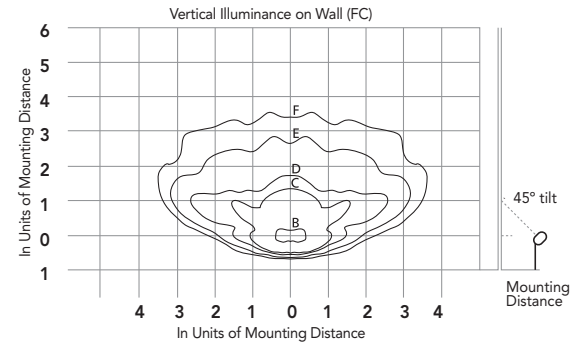
15395 AZT



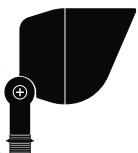
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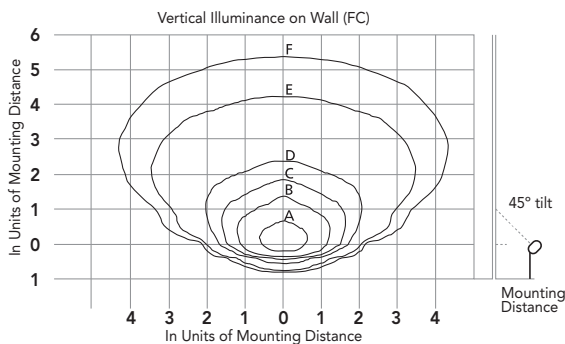
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15385 AZT



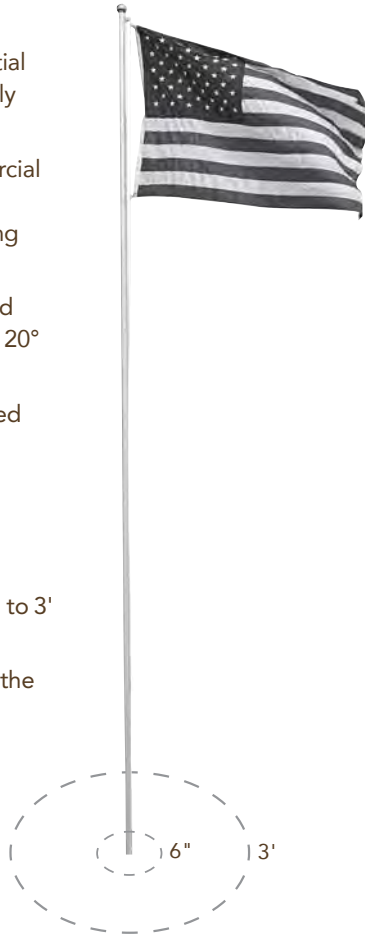
15385



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

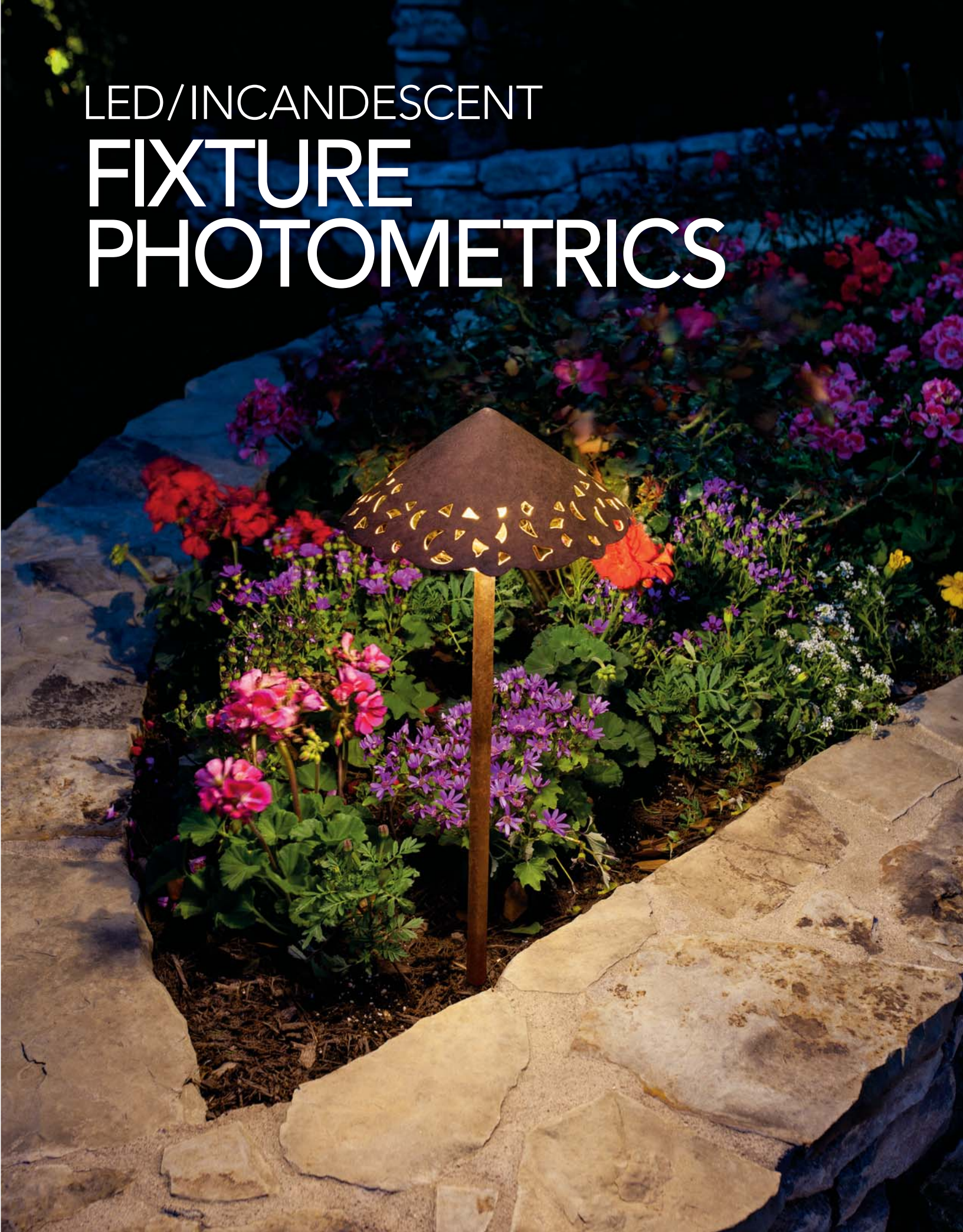
Installation 6" to 3' from base of flagpole




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°	16003
25'	4' x 6'	2	35-W	NSP 10° to 15°	16006
30'	5' x 8'	2 or 3	35-W	NSP 10° to 15°	16006
35'	6' x 10'	3	35-W	NSP 10° to 15°	16006
Taller than 35'	10' +	3	50-W	NSP 10° to 15°	16009 or 16012

LED/INCANDESCENT
FIXTURE
PHOTOMETRICS





12V LED/INCANDESCENT FIXTURE PHOTOMETRICS

10° SPOT		15731 & 15767		15741 & 15728		15751 & 15729		16000		16003		16006	
Feet		Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width
8		33.6	1.2	68.3	1.2	100.6	1.3	20	1.8	22.2	2.1	106.3	1.6
12		14.9	1.8	30.4	1.9	44.7	1.9	8.9	2.7	9.9	3.1	48.4	2.4
24		3.73	3.6	7.60	3.8	11.18	3.8	2.2	5.4	2.5	6.2	12.2	4.8
36		1.66	5.4	3.38	5.7	4.97	5.7	1	8.1	1.1	9.3	5.4	7.2
48		0.93	7.2	1.90	7.6	2.79	7.6	0.6	10.8	0.6	12.4	3.1	9.6
60		0.60	9	1.22	9.5	1.79	9.5	0.4	13.5	0.4	15.5	2	12

35° FLOOD		15732 & 15768		15742 & 15747		15752 & 15757		16001		16004		16007	
Feet		Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width
4		35.78	1.9	66.94	1.8	98.1	2.07	16.3	2.2	21.7	2.3	66.1	2.3
8		9	3.9	16.75	3.6	24.5	4.1	4.1	4.5	5.4	4.5	16.5	4.5
16		2.2	7.8	4.15	7.3	6.1	8.2	1	9	1.4	9	4.1	9.1
24		0.98	11.7	1.84	10.95	2.71	12.3	0.5	13.5	0.6	13.5	1.8	13.6
32		0.55	15.6	1.04	14.6	1.53	16.4	0.3	18	0.3	18	1	18.1
40		0.35	19.5	0.66	18.25	0.98	20.5	0.2	22.5	0.2	22.5	0.7	22.6


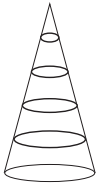


60° WIDE FLOOD		15733 & 15769		15743 & 15748		15753 & 15758		15711 LED		16002		16005		16008	
Feet		Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width
4		18.54	2.4	36.9	2.4	47.03	2.4	5.6	3.25	6.8	4	11.2	4.3	15	4.2
8		4.65	4.8	9.3	4.8	11.8	4.8	1.49	6.5	1.7	7.9	2.8	8.6	3.7	8.5
16		1.15	9.6	2.3	9.6	2.9	9.6	.40	12.98	0.4	15.8	0.7	17.3	0.9	17
24		0.51	14.4	1.02	14.4	1.29	14.4	.18	19.47	0.2	23.7	0.3	25.9	0.4	25.5
32		0.29	19.2	0.58	19.2	0.73	19.2	.11	25.96	0.1	31.6	0.2	34.6	0.2	34
40		0.18	24	0.37	24	0.46	24	.07	32.45	0.1	39.5	0.1	43.2	0.2	42.4

10° SPOT		16009		16012		16030		16033		16036		16200		16202		16202	
Feet		Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width
8		187.2	1.5	252	2	32.6	1.6	113.8	1.4	214.7	1.4	238.9	1.4	313.3	1.6	394.5	1.6
12		83.2	2.3	112	3	14.5	2.3	50.6	2.1	95.4	2	106.2	2.1	139.2	2.4	175.3	2.5
24		20.8	4.6	27	6	3.6	4.7	12.6	4.3	23.8	4.1	26.5	4.1	34.8	4.9	43.8	4.9
36		9.2	6.9	12.4	8.9	1.6	7	5.6	6.4	10.6	6.1	11.8	6.2	15.5	7.3	19.5	7.4
48		5.2	9.2	7.1	11.9	0.9	9.3	3.2	8.6	6	8.1	6.6	8.3	8.7	9.7	11	9.8
60		3.3	11.6	4.5	14.9	0.6	11.7	2	10.7	3.8	10.1	4.2	10.3	5.6	12.1	7	12.3

35° FLOOD		16010		16013		16031		16034		16037		16201		16203		16205	
Feet		Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width
4		99.6	2.3	138.8	2.5	21.7	2.3	53	2.4	98.5	2.3	112.6	2.3	153.2	2.5	205.8	2.4
8		24.9	4.6	34.7	4.9	5.4	4.5	13.3	4.7	24.6	4.5	28.1	4.5	38.3	4.9	51.5	4.8
16		6.2	9.1	8.7	9.8	1.4	9	3.3	9.4	6.1	9.1	7	9	9.6	9.9	13.2	9.6
24		2.8	13.7	3.9	14.8	0.6	13.5	1.5	14.1	2.7	13.6	3.1	13.6	4.3	14.8	5.9	14.4
32		1.6	18.2	2.2	19.7	0.3	18	0.8	18.9	1.5	18.1	1.8	18.1	2.4	19.8	3.3	19.2
40		1	22.8	1.4	24.6	0.2	22.5	0.5	23.6	1	22.6	1.1	22.6	1.5	24.7	2.1	24

60° WIDE FLOOD		16011		16014		16032		16035		16038		16206		16207		16208	
Feet		Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width
4		26.4	4.4	43.2	4.2	11.2	4.3	14.7	4.5	25.1	4.4	26	4.2	43.4	4.1	53.5	4.2
8		6.6	8.8	10.8	8.5	2.8	8.6	3.7	9.1	6.3	8.8	6.5	8.4	10.8	8.1	13.4	8.3
16		1.7	17.5	2.7	16.9	0.7	17.3	0.9	18.1	1.6	17.7	1.6	16.9	2.7	16.3	3.4	16.7
24		0.7	26.3	1.2	25.4	0.3	25.9	0.4	27.2	0.7	26.5	0.7	25.3	1.2	24.4	1.5	25.0
32		0.4	35	0.7	33.9	0.2	34.6	0.2	36.2	0.4	35.3	0.4	33.7	0.7	32.6	0.8	33.3
40		0.3	43.8	0.4	42.3	0.1	43.2	0.1	45.3	0.3	44.2	0.3	42.4	0.4	40.7	0.5	41.6

- All Foot Candle values shown for 3000K color temperature, except 16200 -16208 (4250K)
- For 2700K reduce by 10%.
- For 4250K increase by 20%.

FLOOD		17052 MR11 - 20-W FTD, JDR/M12V-20- W/G/FL30		17057 MR11 - 35-W FTH, JDR/M12V-35- W/G/FL30		17062 MR16 - 20-W BAB, JR12V-20-W/ FL36		17072 MR16 - 35-W FMW, JR12V-35-W/ FL36		17082 MR16 - 50-W EXN, JR12V-50-W/ FL36	
	Feet	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width
	4	37.9	2.14	81.6	2.14	38	2.6	82	2.6	126	2.6
	8	9.48	4.28	20.4	4.28	9.5	5.1	20	5.1	31	5.1
	16	2.37	8.57	5.1	8.57	2.4	10.4	5	10.4	8	10.4
	24	1.05	12.8	2.26	12.8	1	15.5	2	15.5	3.5	15.5
	32	0.59	17.1	1.27	17.1	0.6	20.7	1.3	20.7	2	20.7
40	0.37	25.7	0.82	21.4	0.3	25	0.8	25	1.2	25	
WIDE FLOOD		17083 MR16 - 50-W FNV, JR12V- 50-W/WFL60									
	Feet	Foot Candles	Beam Width								
	4	54	4.6								
	8	13	9.2								
	16	3.3	18.5								
	24	1.5	27.7								
	32	0.8	36								
40	0.5	46									
SPOT/NARROW FLOOD		17046 50PAR36/ NFL20/12V									
	Feet	Foot Candles	Beam Width								
	8	78.9	2.82								
	12	35	4.23								
	24	8.77	8.46								
	36	3.89	12.6								
	48	2.19	16.9								
60	1.4	21.1									
FLOOD		17033 20PAR36/ FL30/12V		17040 35PAR36/ FL30/12V		17047 50PAR36/ FL30/12V					
	Feet	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width				
	4	46.9	2.14	88.4	2.14	125	2.14				
	8	11.7	2.48	22.1	4.28	31.4	4.28				
	16	2.93	8.57	5.53	8.57	7.86	8.57				
	24	1.3	12.8	2.45	12.8	3.49	12.8				
	32	1.06	17.07	1.77	16.0	2.52	16.0				
40	.49	21.3	.93	21.37	1.32	21.37					

OUTDOOR/INDOOR CEILING FANS

Add a gentle breeze in your outdoor spaces with a Kichler Outdoor rated Ceiling Fan. Designed and constructed to withstand the elements, they are a perfect way to enhance your out of doors leisure and entertainment experiences.



CLIMATES™ Ceiling Fans & Accessories

Outfit your coastal escape with the finest, most durable wet-rated ceiling fans available for harsh outdoor elements. Repeated saltwater spray, extreme heat and cold, and constant high UV exposure, are no match for Climates superior construction. Fan bodies and select blades are crafted from durable ABS plastic, creating a superior level of corrosion resistance.



WET-Rated Ceiling Fans

Outdoor living spaces that are open to the elements, such as a pergola or a lanai are the ideal place for our wet location ceiling fans. Kichler® wet location ceiling fans feature a powder coated finish, stainless steel mounting hardware, aluminum support system and all-weather ABS blade options that help combat direct exposure to rain or repeated water spray.



DAMP-Rated Ceiling Fans

Kichler's Damp location rated ceiling fans are engineered for hot, damp, high-humidity areas such as an enclosed porch, master bath, or a laundry room, where high humidity or condensation are present. Damp-rated ceiling fans feature a powder coated finish with a galvanized undercoat and stainless steel mounting hardware. Many are available with ABS plastic blades.



65" MAOR PATIO
310136 DBK, OZ, WZC



AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
8804 Cubic Ft. Per Minute on High	86 Watts on High (Excludes Lights)	103 Cubic Ft. Per Minute Per Watt



52" ARKWET
339529 MWH, WCP, WSP



AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
5393 Cubic Ft. Per Minute on High	50 Watts on High (Excludes Lights)	107 Cubic Ft. Per Minute Per Watt



42" BASICS PATIO
414 NI, SBK, SNB, WH



AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
3962 Cubic Ft. Per Minute on High	48 Watts on High (Excludes Lights)	83 Cubic Ft. Per Minute Per Watt



52" BASICS PATIO
414 NI, SBK, SNB, WH



AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
4687 Cubic Ft. Per Minute on High	59 Watts on High (Excludes Lights)	80 Cubic Ft. Per Minute Per Watt



52" CAMERON
310104 NI, TZP, WCP, WH



AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
5651 Cubic Ft. Per Minute on High	62 Watts on High (Excludes Lights)	91 Cubic Ft. Per Minute Per Watt



52" 54" 56" 60" CANFIELD CLIMATES MOTOR ASSEMBLY
320500 ANS, BCP, CMO, SNW



AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
6407 Cubic Ft. Per Minute on High	74 Watts on High (Excludes Lights)	87 Cubic Ft. Per Minute Per Watt



52" CANFIELD PATIO
310192 SBK, TZP, WCP, WSP, WH



AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
6338 Cubic Ft. Per Minute on High	69 Watts on High (Excludes Lights)	92 Cubic Ft. Per Minute Per Watt

Note: Performance data reflects blade set 371010. All blades sold separately.



60" CANFIELD XL PATIO
310193 TZP, WCP, WSP



AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
9050 Cubic Ft. Per Minute on High	86 Watts on High (Excludes Lights)	105 Cubic Ft. Per Minute Per Watt



52" CATES
300162 AW, DBK, TZP



52" FRYST PATIO
310128 DBK, GST, TZP



52" HARBOUR WALK PATIO
310102 GST, TZP, WCP



AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
4177 Cubic Ft. Per Minute on High	57 Watts on High (Excludes Lights)	73 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
6176 Cubic Ft. Per Minute on High	73 Watts on High (Excludes Lights)	84 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
6049 Cubic Ft. Per Minute on High	74 Watts on High (Excludes Lights)	82 Cubic Ft. Per Minute Per Watt



44" HATTERAS BAY PATIO
310101 GST, TZP, WCP



60" HATTERAS BAY PATIO
310117 DBK, TZP, WCP, WZC



52" KLEVER PATIO MOTOR ASSEMBLY
337018 MWH, WCP



AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
4299 Cubic Ft. Per Minute on High	54 Watts on High (Excludes Lights)	80 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
6665 Cubic Ft. Per Minute on High	69 Watts on High (Excludes Lights)	97 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
4973 Cubic Ft. Per Minute on High	58 Watts on High (Excludes Lights)	86 Cubic Ft. Per Minute Per Watt

Note: Blades sold separately.

Note: Performance data reflects ABS Bamboo blade set 370051 & 370052.

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
5242 Cubic Ft. Per Minute on High	59 Watts on High (Excludes Lights)	89 Cubic Ft. Per Minute Per Watt

Note: Performance data reflects ABS Palm blade set 371060.



54" LEHR II CLIMATES
310112 ANS, CMO, DBK, WH



80" LEHR CLIMATES
310115 ANS, DBK, CMO, WH



52" LYNDON PATIO
310139 WSP, OZ

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
5254 Cubic Ft. Per Minute on High	31 Watts on High (Excludes Lights)	172 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
7408 Cubic Ft. Per Minute on High	32 Watts on High (Excludes Lights)	234 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
5234 Cubic Ft. Per Minute on High	64 Watts on High (Excludes Lights)	82 Cubic Ft. Per Minute Per Watt



60" LYNDON PATIO
310140 OZ, WSP



52" MONARCH II PATIO
310103 DBK, WCP



54" PORTERS LAKE
310110 AW, MDW

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
6074 Cubic Ft. Per Minute on High	79 Watts on High (Excludes Lights)	77 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
6201 Cubic Ft. Per Minute on High	71 Watts on High (Excludes Lights)	88 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
4695 Cubic Ft. Per Minute on High	56 Watts on High (Excludes Lights)	83 Cubic Ft. Per Minute Per Watt



52" RENEW PATIO
339515 MWH, SBK, TZP, WH



52" RENEW SELECT PATIO
339516 MWH, SBK, TZP, WH



54" SEASIDE
310131 NI, OZ

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
5717 Cubic Ft. Per Minute on High	67 Watts on High (Excludes Lights)	85 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
5409 Cubic Ft. Per Minute on High	68 Watts on High (Excludes Lights)	80 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
5604 Cubic Ft. Per Minute on High	59 Watts on High (Excludes Lights)	96 Cubic Ft. Per Minute Per Watt



52" 60" 80" SZEPLIO PATIO MOTOR ASSEMBLY
370060 OZ, SBK, WSP



15" TERNA LED PATIO
310215 TZP, WSP



48" YUREE
310125 NI, OBB

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
5940 Cubic Ft. Per Minute on High	23 Watts on High (Excludes Lights)	262 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
1029 Cubic Ft. Per Minute on High	34 Watts on High (Excludes Lights)	31 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
3722 Cubic Ft. Per Minute on High	90 Watts on High (Excludes Lights)	84 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
8628 Cubic Ft. Per Minute on High	34 Watts on High (Excludes Lights)	253 Cubic Ft. Per Minute Per Watt

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
10,744 Cubic Ft. Per Minute on High	34 Watts on High (Excludes Lights)	318 Cubic Ft. Per Minute Per Watt

Note: Due to the unique design and airflow pattern airflow data is approximate.

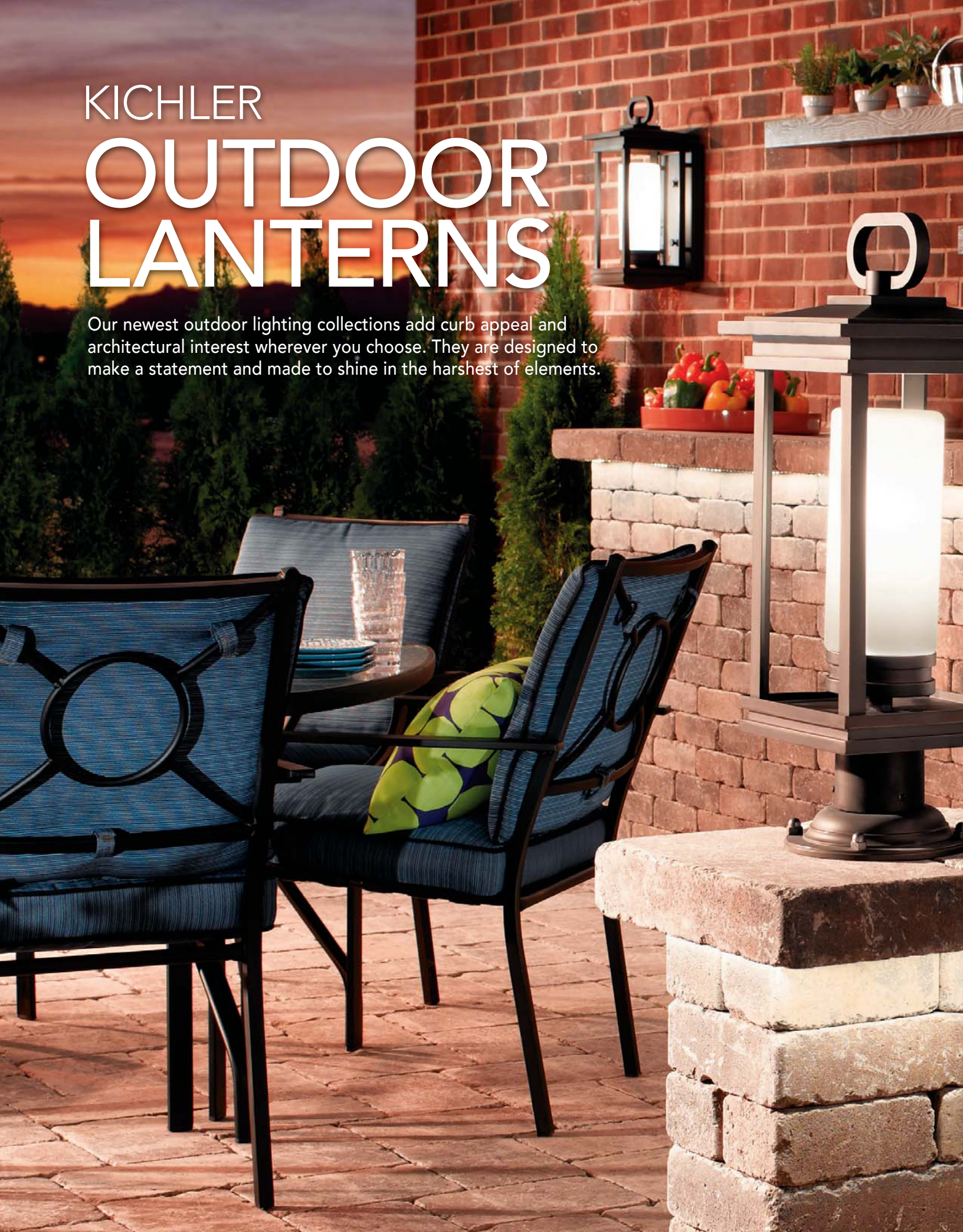
See our complete line at kichler.com

Note: Blades sold separately.

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SORIA



SOUTH HOPE



TOLERAND



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BRADFORD



HALLERON



HAYMAN BAY



LED



LYNDON



PALLERTON WAY



PARK ROW



SOREL



RIPLEY



SEASIDE



TOLERAND



TREMILLO



WESLEY



WISCOMBE PARK

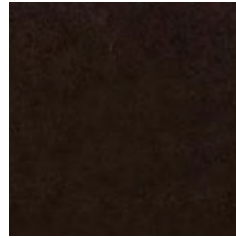
FINISH GUIDE



AGZ
Aged Bronze



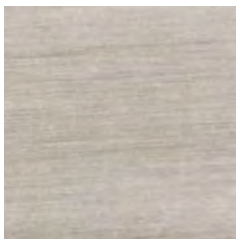
AZT
Textured Architectural
Bronze



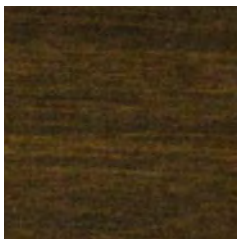
BBR
Bronzed Brass



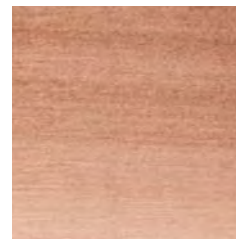
BK/BKT
Black



BN
Brushed Nickel



CBR
Cast Brass



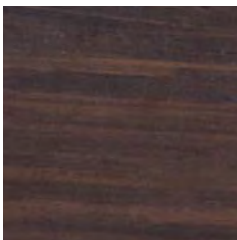
CO
Copper



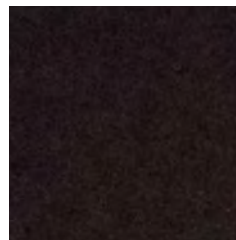
CW
Crimson Wood



GRY
Gray



OB
Olde Brick



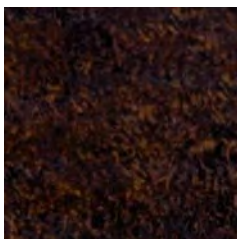
OZ
Olde Bronze



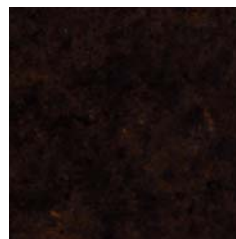
SD
Sand



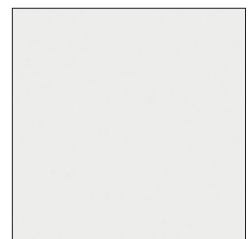
SS
Stainless Steel



TZG
Tannery Bronze



TZT
Tannery Bronze with
Gold Accents



WHT
Textured White



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