A photograph of a house at night, illuminated by warm landscape lighting. The house has a dark roof and light-colored siding. A large tree on the left and another on the right frame the house. The trees are lit from below, casting a warm glow. The house's entrance is brightly lit, and the windows show interior lights. A stone wall in the foreground is also lit. The overall scene is serene and well-lit.

# 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.

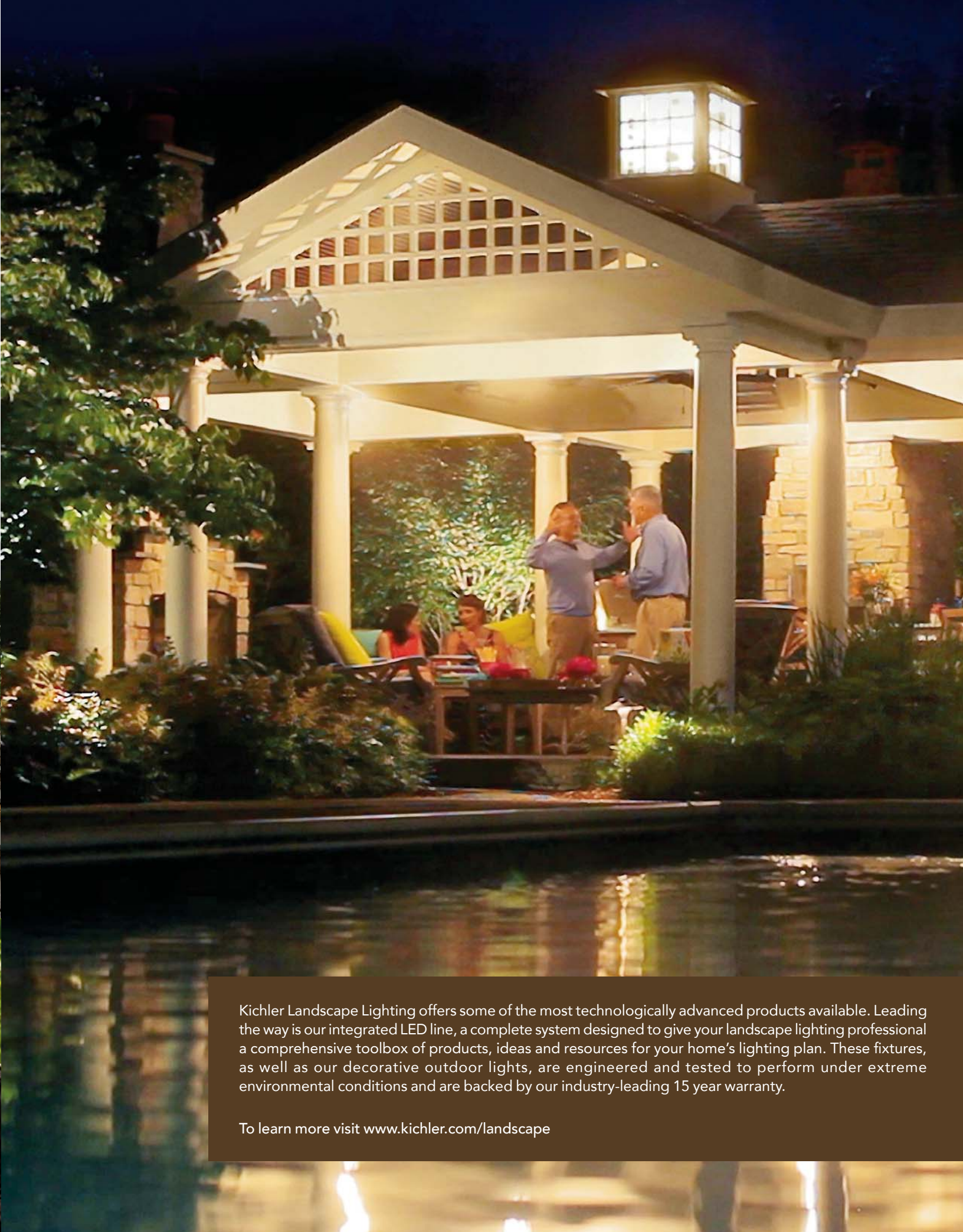
## PERSONALIZED TO YOUR HOME – AND YOUR LIFESTYLE.

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](http://www.kichler.com/landscape)

## 12V INTEGRATED LED LIGHTING



ACCENT

18



IN-GROUND

27



WATER/ACCENT

30



PATH & SPREAD

33



DECK, PATIO & HARDSCAPE

52



DESIGN PRO LED  
POWER CONTROL

64



TRANSFORMERS

68

## 12V LED/INCANDESCENT LIGHTING\*

\*Use LED or Incandescent Replacement Bulbs



ACCENT

76



IN-GROUND

86



WATER/ACCENT

90



PATH & SPREAD

92



DECK & PATIO

118



LED/INCANDESCENT  
ACCESSORIES

127



LED LAMPS

135



INCANDESCENT LAMPS

139



## 120V INTEGRATED LED LIGHTING



ACCENT

142

## 120V LED/INCANDESCENT LIGHTING\*\*

\*\*Use LED or Incandescent Lamps

ACCENT/  
INCANDESCENT

146



PATH &amp; SPREAD

151



BALLAST

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ACCESSORIES

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LED LAMPS

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### 12V 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

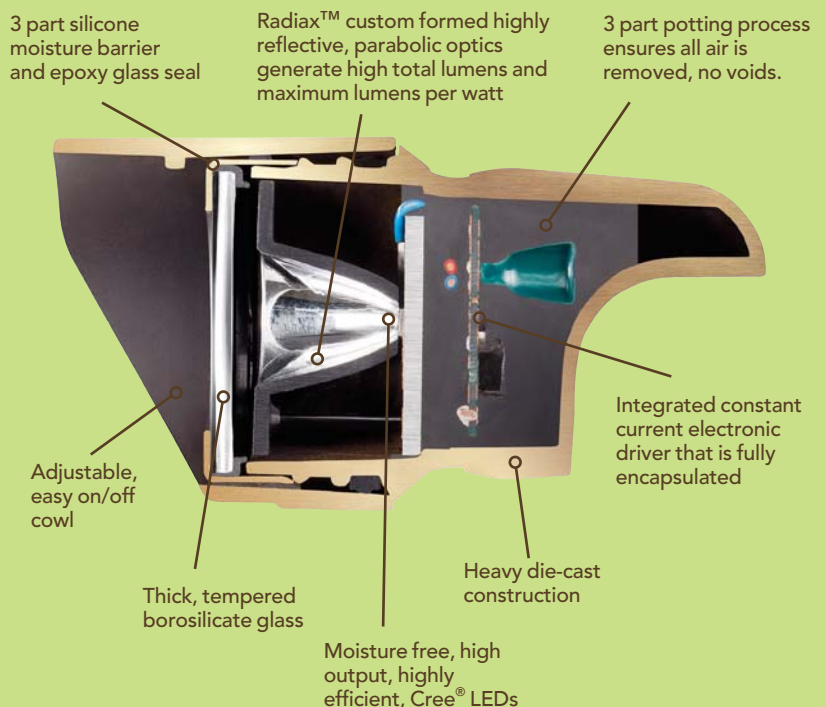
Kichler's integrated LED portfolio includes decorative path & spread, hardscape, water feature, deck and accent lighting.

## 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.



On the light engine and all other electrical components. Warranty subject to change without notice. Visit [www.kichler.com](http://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.



**10°**

Beam Spread

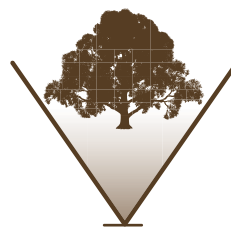
Tall, thin beam of light ideal for grazing trees and column features.



**35°**

Beam Spread

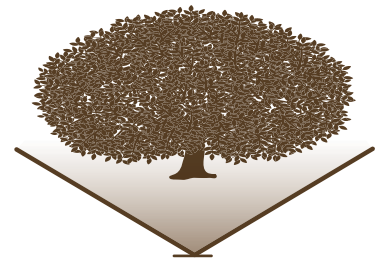
Medium height and width beam of light suited for general accent lighting.



**60°**

Beam Spread

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



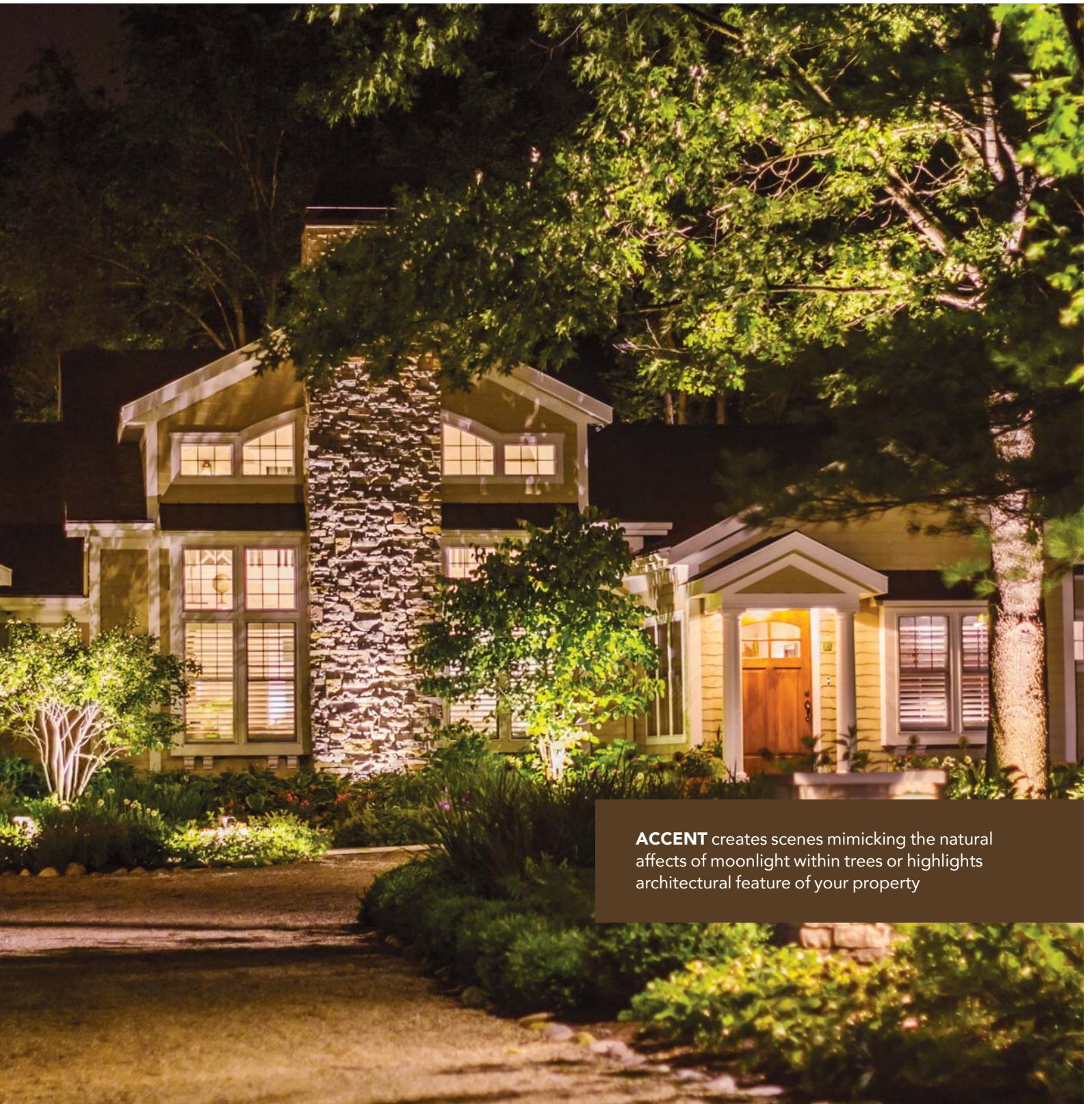
**120°**

Beam Spread

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



# LIGHTING TECHNIQUES



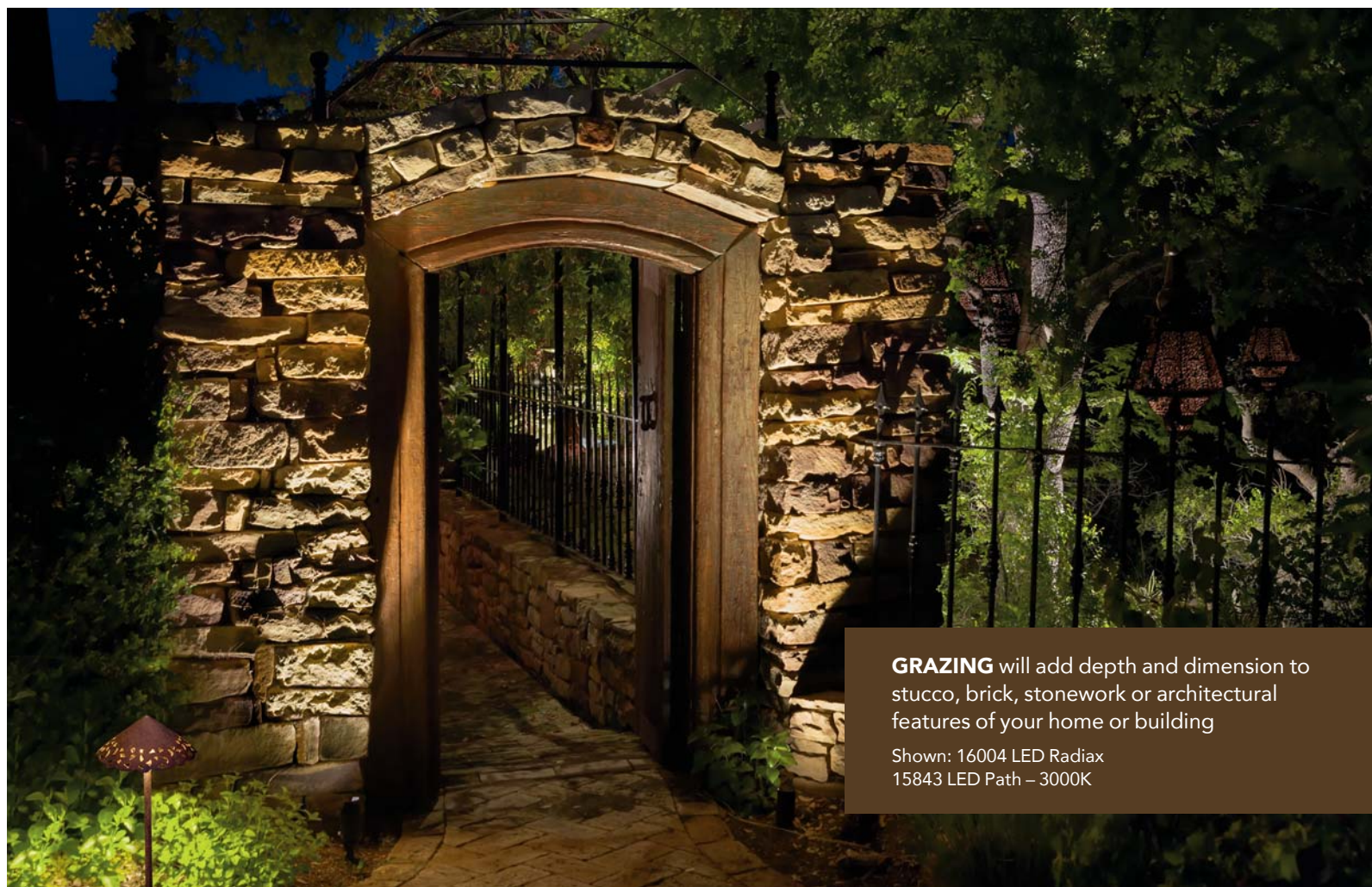
**ACCENT** creates scenes mimicking the natural affects of moonlight within trees or highlights architectural feature of your property





**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



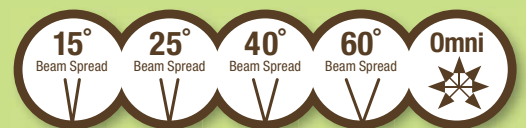


**MIRROR LIGHTING** is used to create dream-like water scenes by strategically lighting background areas around bodies of water

## 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

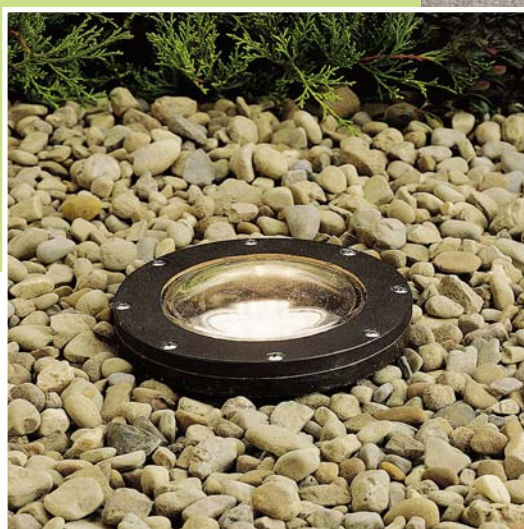
Deliver light to permanent and semi-permanent installations such as sidewalks, large mature trees, walls and flagpoles.

## 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

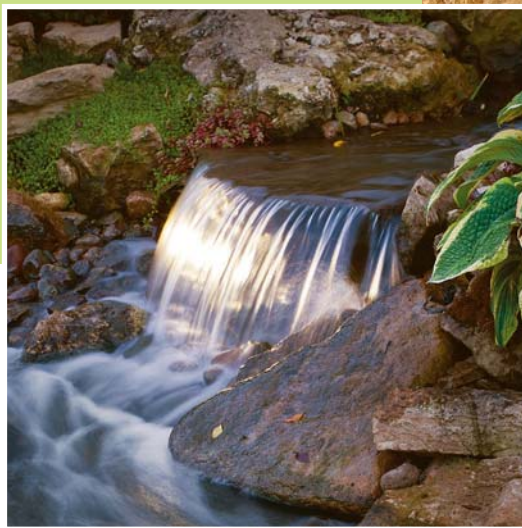
Enhance and highlight flowing water in waterfalls, streams and fountains. Create a magical mirroring affect on still waters, like ponds and pools.

## LED FEATURES:

- Rugged construction sealed against the elements for full submersion applications
- Rouged 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 AZT30	16004 AZT27	16004 AZT30	16005 AZT27	16005 AZT30
	16003 BBR27	16003 BBR30	16004 BBR27	16004 BBR30	16005 BBR27	16005 BBR30
	16003 BKT27	16003 BKT30	16004 BKT27	16004 BKT30	16005 BKT27	16005 BKT30
			16004 WHT27	16004 WHT30		
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    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 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      15607 – Surface Bracket 15609 – Junction Box Mounting 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 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 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 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**

Kelvin	2700K Warm White	3000K Pure White
Ordering Guide & Finish	16070 AZT27R 16070 BBR27R 16070 BKT27R	16070 AZT30R 16070 BBR30R 16070 BKT30R
Housing	Cast Aluminum, Cast Brass	
Light Source	8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	
Beam Spread	Vertical = 80° Horizontal = 100°	
Color Temp. (CCT) & 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	
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 = 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.	
Mounting Access. (Included)	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	
Notes	Fully adjustable knuckle. Brass will naturally patina over time.	
Fixture Photometric (fc)*	Distance from Wall	
	0'	.5'
	1'	2'
2"	47.00	39.40
	16.20	1.30
	0.25	0.22
4"	12.5	12
	10.8	5.1
	1.8	0.54

### WALL WASH ACCENT LIGHT



**15861 AZT, BBR, BKT**

Kelvin	2700K Warm White	3000K Pure White
Ordering Guide & Finish	15861 AZT27R 15861 BBR27R 15861 BKT27R	15861 AZT30R 15861 BBR30R 15861 BKT30R
Housing	Cast Aluminum, Cast Brass	
Light Source	8 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	
Beam Spread	Vertical = 108° Horizontal = 111°	
Color Temp. (CCT) & 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	
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 = 294 Lm 2700K = 67 Lm/W	3000K = 302 Lm 3000K = 73 Lm/W
Wiring	64" of usable #18-2, SPT-1W leads. Wire connectors supplied.	
Mounting Access. (Included)	8" slotted in-ground stake	
Optional Accessories	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.	
Fixture Photometric (fc)*	Distance from Wall	
	0'	.5'
	1'	2'
2"	51.20	45.50
	30.00	7.10
	1.90	0.68
4"	12.9	12.9
	11.8	7.9
	4.2	1.6

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





# DESIGN PRO LED 12V IN-GROUND

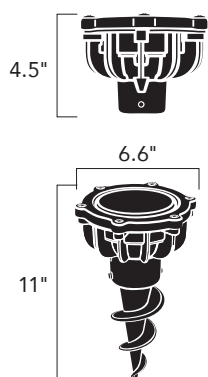
Multi-application, easy to install design can be embedded in hardscaping materials or concrete and the durable construction is designed to hold up against the elements.

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

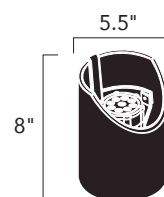
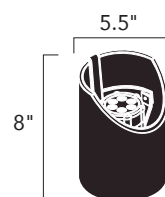
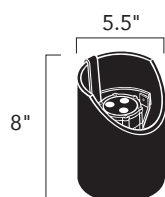


BBR

	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.		





# 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

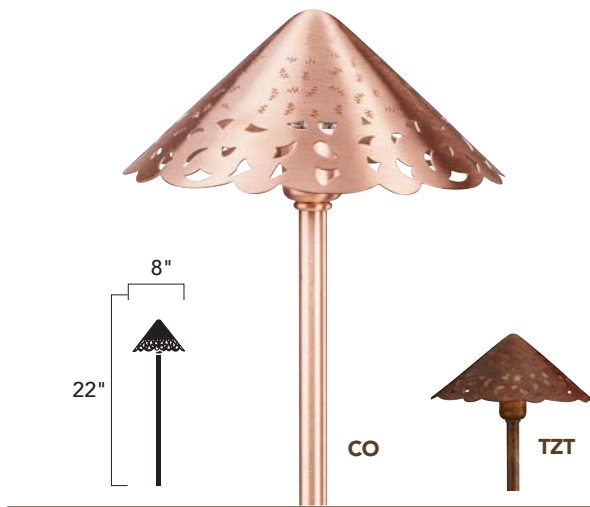


### UPWARD MODULE

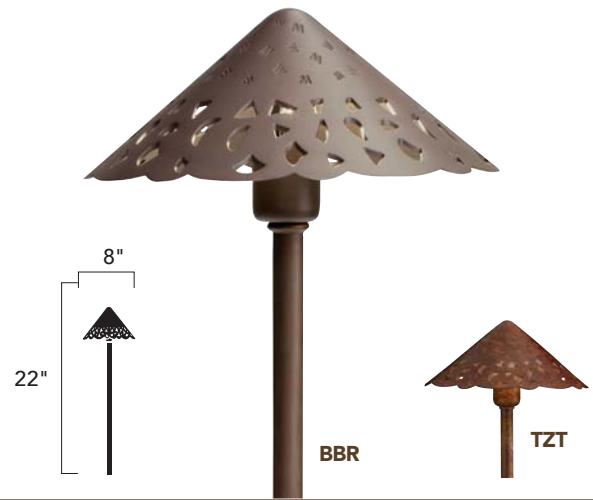
- Reflects light via path light dome to redirect light downward
- 3-Step LED binning ensures superior color quality and consistency
- Produces even 10' to 12' spread of light; controls glare
- Uplighting module creates unique lighting effects and subtle detail on new models



## DECORATIVE HAMMERED ROOF

**15843 CO, TZA**

## CAST HAMMERED ROOF

**15871 BBR, TZA**

Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White																
Ordering Guide & Finish	15843 CO27 15843 TZA27	15843 CO 15843 TZA	15871 BBR27 15871 TZA27	15871 BBR 15871 TZA																
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	Footcandles	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										Distance from Light									
	0'	1'	2'	3'	4'	5'	6'	7'	8'	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

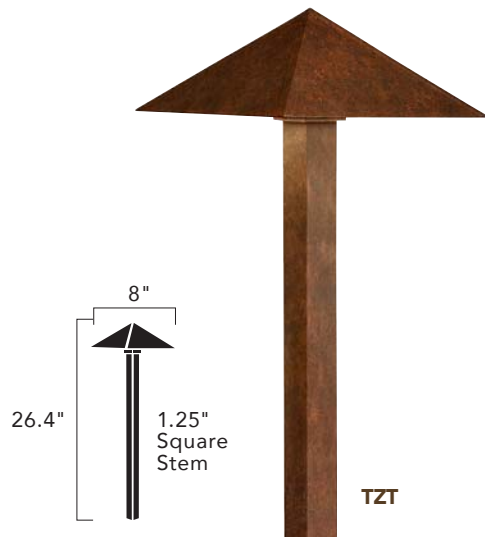


	15850 CO										15803 AZT									
Kelvin	2700K – Warm White					3000K – Pure White					2700K – Warm White					3000K – Pure White				
Ordering Guide & Finish	15850 CO27R					15850 CO30R					15803 AZT27R					15803 AZT30R				
Housing	Copper (copper will naturally patina over time)										Cast Aluminum									
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										

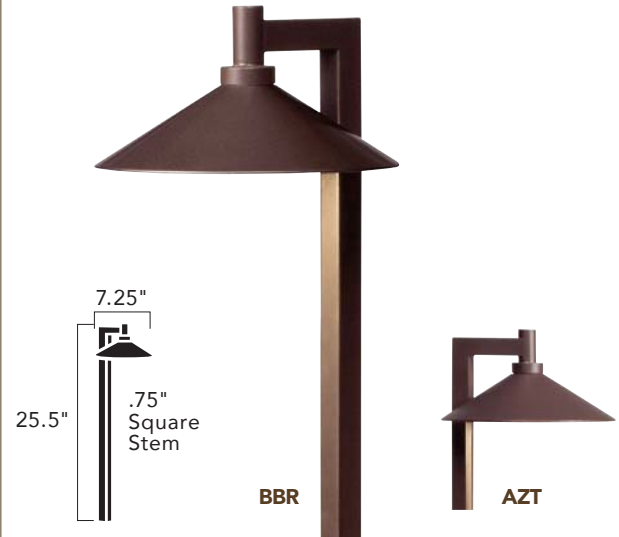
\*Values stated for 3000K. -10% for 2700K.



## PYRAMID

**15802 Tzt**

## RIPLEY™

**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



TAPERED COLUMN



15833 AZT											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	–	–	–	Footcandles	7.2	3.5	1.4	0.8	0.5	0.3	–	–	–	

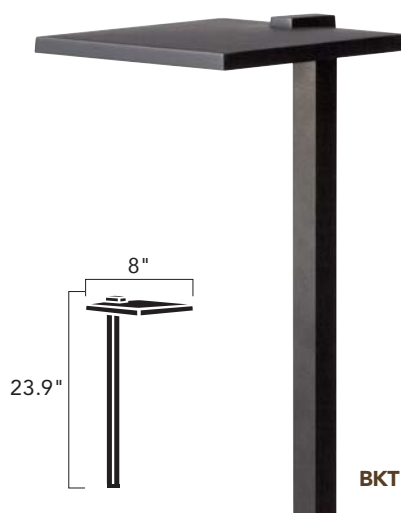
\*Values stated for 3000K. -10% for 2700K.



## SHALLOW SHADE – SMALL



## SHALLOW SHADE – LARGE



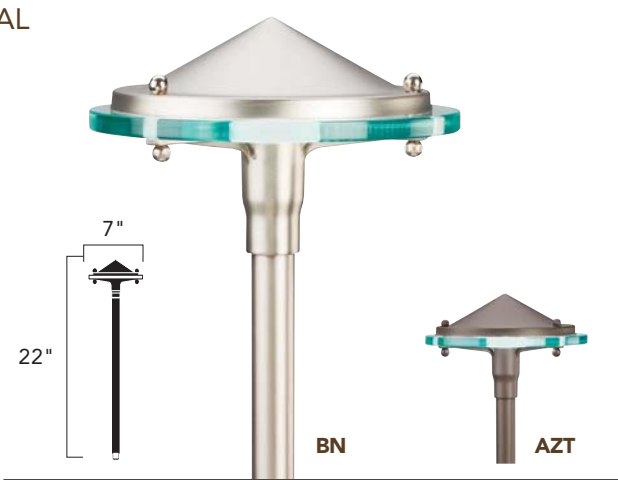
## 15805 BKT

## 15806 BKT

Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White															
Ordering Guide & Finish	15805 BKT27R	15805 BKT30R	15806 BKT27R	15806 BKT30R															
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		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		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										0'	1'	2'	3'	4'	5'	6'	7'	8'
	Footcandles										21.2	12.1	5.3	1.56	.23	.33	.11	.06	–
	Footcandles										20.7	11.1	4.8	1.56	0.55	0.33	0.11	0.06	–

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

GLASS & METAL



15817 AZT, BN											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	0'	1'	2'	3'	4'	5'	6'	7'	8'	Distance from Light	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	Footcandles	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



7"

20.5"

**BBR**



**CENTER MOUNT**

6"

22.75"

**BKT**

**AZT**



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

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									

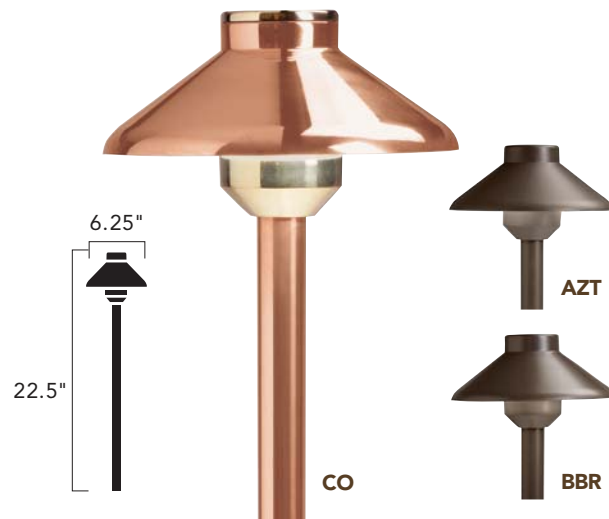
\*Values stated for 3000K. -10% for 2700K.



## 8" DOME – SHORT STEM

**15811 AZT**

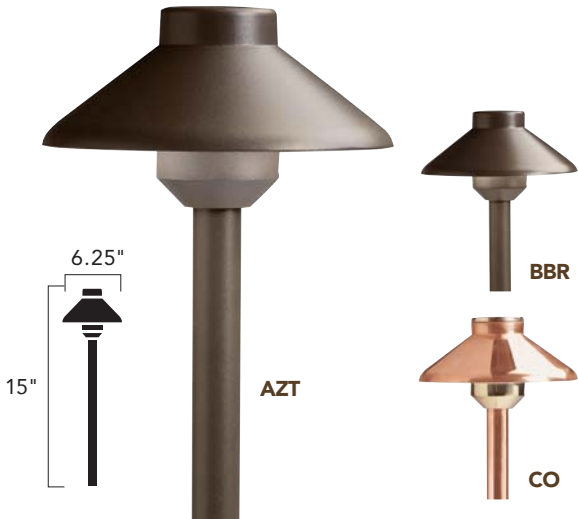
## LLENA™

**15820 AZT, BBR, CO**

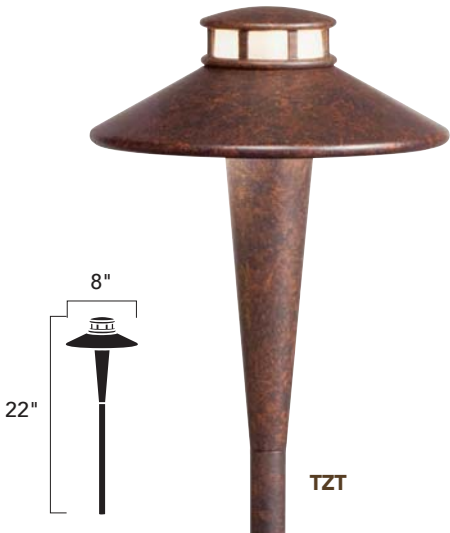
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White																		
Ordering Guide & Finish	15811 AZT27R	15811 AZT30R	15820 AZT27 15820 BBR27 15820 CO27	15820 AZT30 15820 BBR30 15820 CO30																		
Housing	Cast Aluminum		Cast Aluminum, Cast Brass, Copper (with 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'										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	Footcandles		10.75	5.60	2.24	0.66	0.22	0.10	0.07	0.03	0.01
	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	–	–	Footcandles	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



## OVERLAY



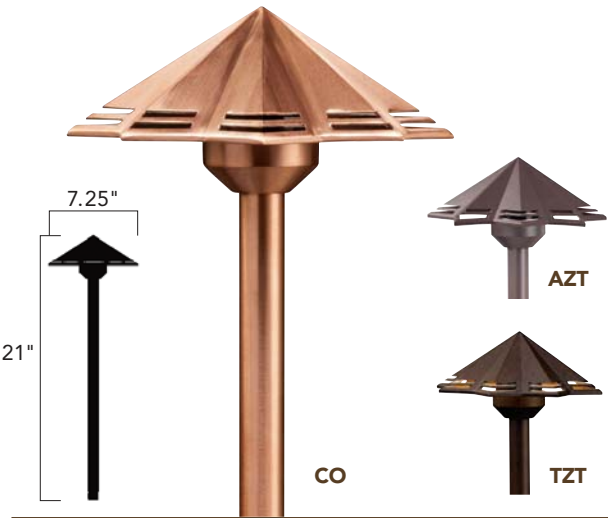
## 16121 AZT, BKT, Tzt

## 16122 AZT

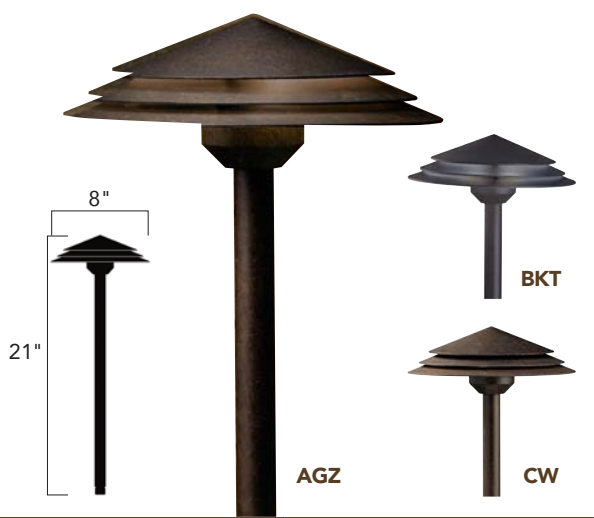
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White																
Ordering Guide & Finish	16121 AZT27 16121 BKT27 16121 Tzt27	16121 AZT30 16121 BKT30 16121 Tzt30	16122 AZT27	16122 AZT30																
Housing	Cast Aluminum		Aluminum																	
Light Source	8 Integrated 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										Distance from Light									
	0'	1'	2'	3'	4'	5'	6'	7'	8'	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	0.00
	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



ROUND TIERED



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



## PETAL



## 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    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		12.00	6.00	1.60	0.40	0.16	0.05	0.02	0.02	0.01
	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.

PIERCED DOME



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	0'	1'	2'	3'	4'	5'	6'	7'	8'	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
	Footcandles	0.17	0.44	0.79	0.52	0.25	0.14	0.07	0.04	0.03	Footcandles	0.08	0.85	0.82	0.51	0.35	0.22	0.14	0.10	0.07

\* 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'	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	Footcandles	0.06	0.50	0.50	0.33	0.21	0.15	0.09	0.06	0.04

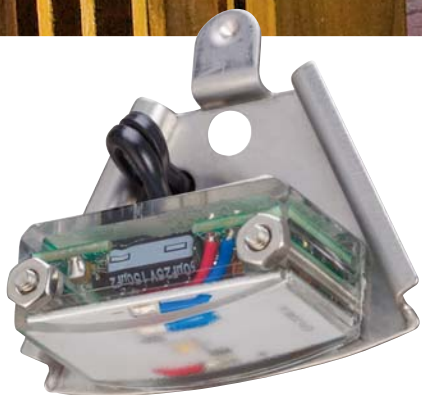
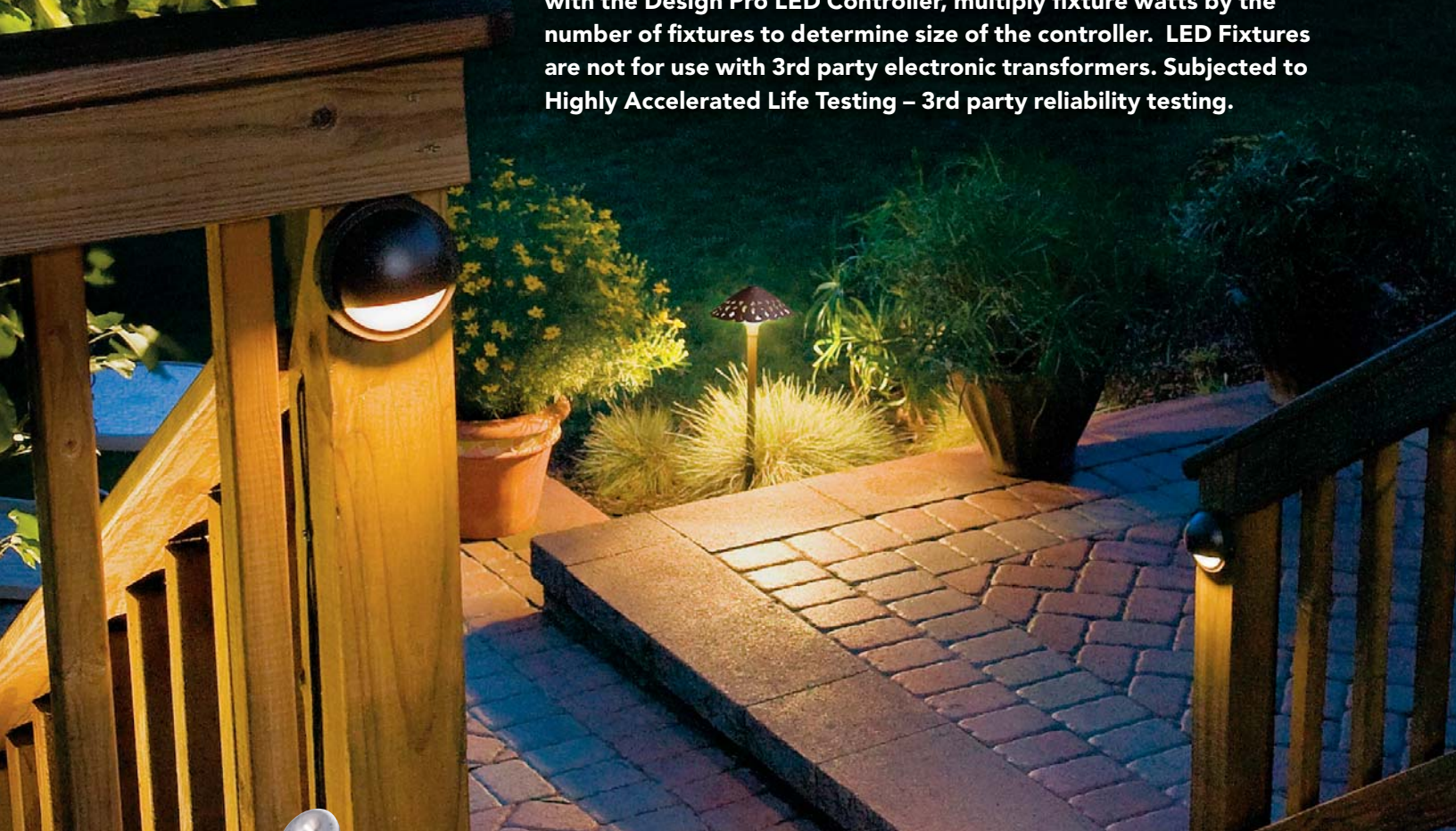
\* Customer required to purchase one for installation.

\*\* 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™

**15750 Tzt**

Kelvin	2700K – Warm White	3000K – Pure White
Ordering Guide & Finish	15750 Tzt27R	15750 Tzt30R
Housing	Cast Aluminum	
Light Source	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	
Power Usage at 12V AC Input VA and Watts	.86 W, 1.86 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 = 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.	
Mounting Access. (Included)	Stainless steel mounting bracket and hardware	
Notes	*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

## DECORATIVE HAMMERED ROOF

**15763 Tzt**

Kelvin	2700K – Warm White	3000K – Pure White
Ordering Guide & Finish	15763 Tzt27R	15763 Tzt30R
Housing	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) / 80s CRI 3000K (-45/+130) / 80s CRI	
Power Usage at 12V AC Input VA and Watts	.86 W, 1.86 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 = 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.	
Mounting Access. (Included)	Stainless steel mounting bracket and hardware	
Notes	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'
	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

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

MINI DECK LIGHT



HALF MOON

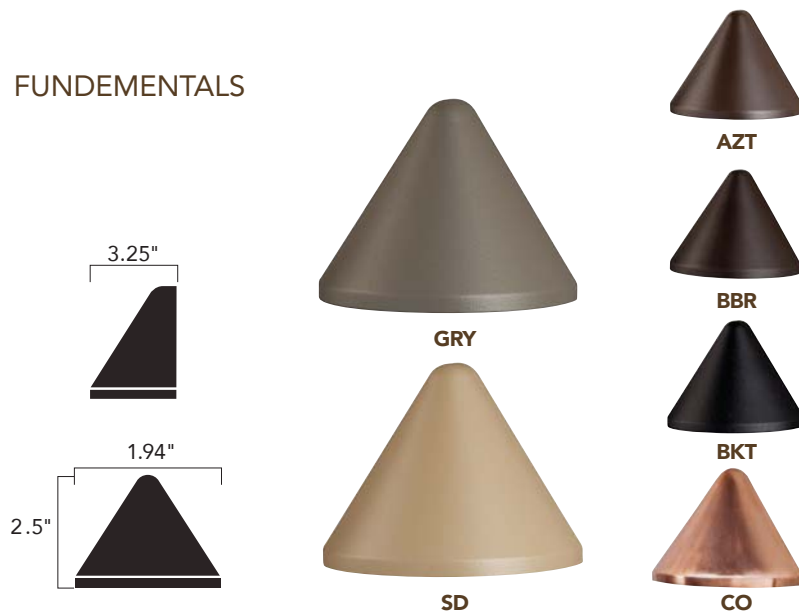


15765 AZT, BBR, BKT, WHT									15764 AZT, BBR, WHT									
Kelvin	2700K – Warm White				3000K – Pure White					2700K – Warm White				3000K – Pure White				
Ordering Guide & Finish	15765 AZT27R 15765 BBR27R 15765 BKT27R 15765 WHT27R				15765 AZT30R 15765 BBR30R 15765 BKT30R 15765 WHT30R					15764 AZT27R 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'	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"	29.70	14.80	1.60	0.07	0.05	0.01	0.00		
	12"	13.00	10.63	4.80	1.10	0.20	0.08	0.05	12"	8.30	6.40	2.60	0.45	0.08	0.02	0.01		
	30"	3.20	3.40	2.60	1.20	0.52	0.24	0.12	30"	2.10	2.05	1.55	0.50	0.30	0.11	0.09		

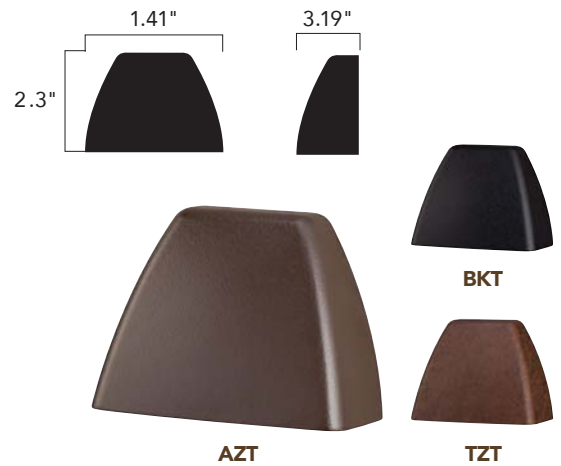
\*Values stated for 3000K. -10% for 2700K.



## FUNDAMENTALS



## FOUR CORNERS



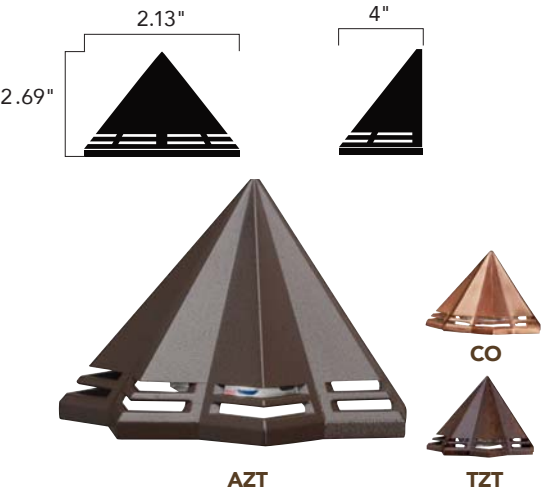
	16110 AZT, BBR, BKT, CO, GRY, SD		16111 AZT, BKT, TZT	
Kelvin	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White
Ordering Guide & Finish	16110 AZT27 16110 BBR27 16110 BKT27 16110 CO27 16110 GRY27 16110 SD27	16110 AZT30 16110 BBR30 16110 BKT30 16110 CO30 16110 GRY30 16110 SD30	16111 AZT27 16111 BKT27 16111 TZT27	16111 AZT30 16111 BKT30 16111 TZT30
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

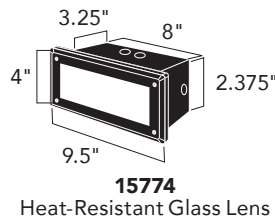
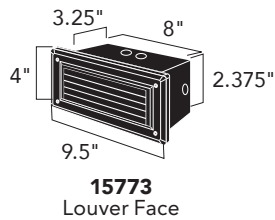


16112 AZT									16113 AZT, CO, TZT								
Kelvin	2700K – Warm White				3000K – Pure White				2700K – Warm White				3000K – Pure White				
Ordering Guide & Finish	16112 AZT27				16112 AZT30				16113 AZT27 16113 CO27 16113 TZT27				16113 AZT30 16113 CO30 16113 TZT30				
Housing	Cast Aluminum								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	

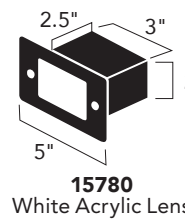
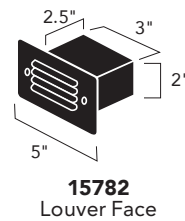
\*Values stated for 3000K. -10% for 2700K.



## BRICK LIGHT



## MINI STEP LIGHT

**15773/15774 AZT**

Kelvin	2700K – Warm White	3000K – Pure White
Ordering Guide & Finish	15773 AZT27R 15774 AZT27R	15773 AZT30R 15774 AZT30R
Housing	Cast Aluminum	
Light Source	2 Integrated High Output Cree® LEDs, tightly binned for color uniformity, and constant current driver	
Color Temp. (CCT) & 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	
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 = 86 Lm 2700K = 102 Lm/W	3000K = 82 Lm 3000K = 100 Lm/W
Wiring	Wire connection must be made inside fixture	
Mounting Access.	Stainless steel mounting hardware and junction box (Included)	
Incandescent	15073 – on page 125, 15074 – 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.	
Fixture Photometric (fc)*	15773 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	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

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

2700K – Warm White	3000K – Pure White
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
Aluminum, Brass or Copper with white reflector. Zinc plated steel housing.	
1 Integrated High Output Cree® LED, tightly binned for color uniformity, and constant current driver	
2700K (-50/+100) / 80s CRI 3000K (-45/+130) / 80s CRI	
.86W, 1.86 VA	
9V-15V AC/DC with no loss in output due to constant current technology	
Tested to an L-70 of 40,000 hours	
2700K = 43 Lm 2700K = 51 Lm/W	3000K = 41 Lm 3000K = 50 Lm/W
Wire connection must be made inside fixture	
Mounting hardware and junction box (Included)	
15072 - on page 125, 15070 - on page 125	
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.	
15780 Mounting Light	0' .5' 1' 2' 3' 4' 5'
6"	1.40 1.20 0.40 0.08 0.03 0.01 0.00
12"	0.09 0.40 0.29 0.13 0.04 0.02 0.01
15782 Mounting Light	0' .5' 1' 2' 3' 4' 5'
6"	0.92 0.38 0.56 0.00 0.00 0.00 0.00
12"	0.15 0.14 0.14 0.03 0.19 0.00 0.00

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



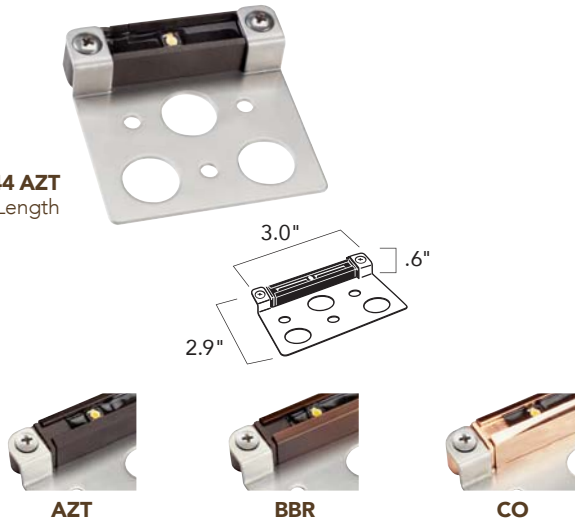
# DESIGN PRO LED 12V HARDSCAPE

LED you've never seen it.

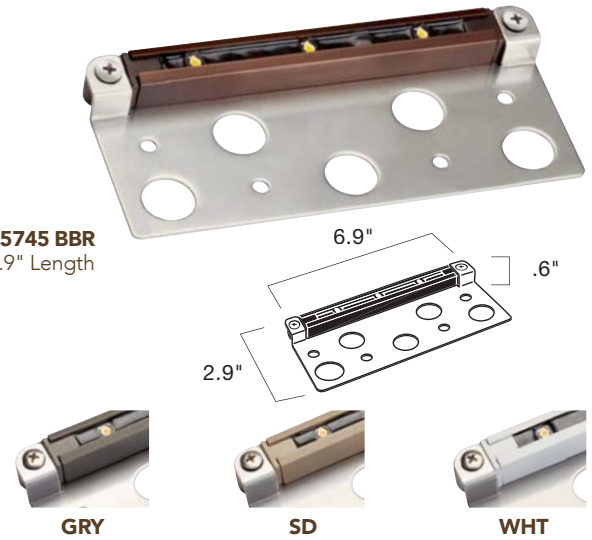
For use with a magnetic transformer, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not for use with 3rd party electronic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



## 1 LED FIXTURE WITH BRACKET

**15744 AZT**  
3.0" Length


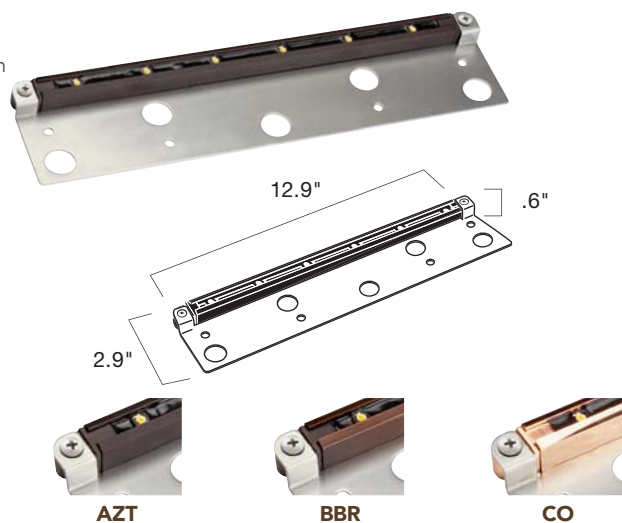
## 3 LED FIXTURE WITH BRACKET

**15745 BBR**  
6.9" Length


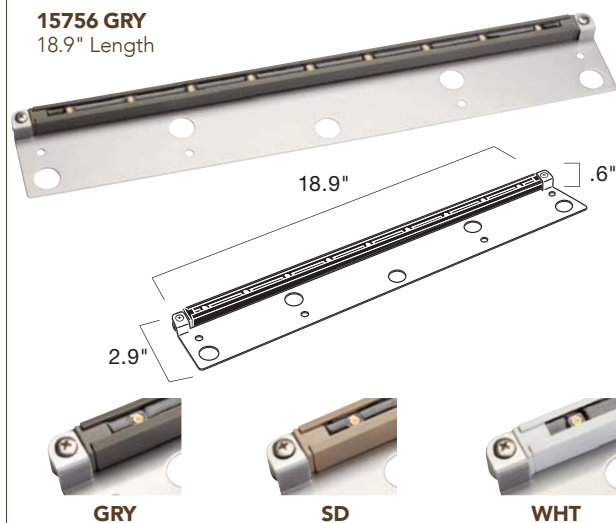
	<b>15744</b>		<b>15745</b>	
Ordering Guide	2700K Warm White	3000K Pure White	2700K Warm White	3000K Pure White
	15744 AZT27, 15744 BBR27, 15744 CO27, 15744 GRY27, 15744 SD27, 15744 WHT27	15744 AZT30, 15744 BBR30, 15744 CO30, 15744 GRY30, 15744 SD30, 15744 WHT30	15745 AZT27, 15745 BBR27, 15745 CO27, 15745 GRY27, 15745 SD27, 15745 WHT27	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.

## 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	3000K = 88 Lm	2700K = 104.2 Lm	3000K = 132 Lm
	2700K = 49 Lm/W	3000K = 63 Lm/W	2700K = 47 Lm/W	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

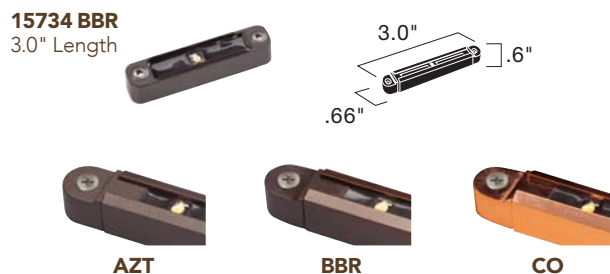
\*Values stated for 3000K. -10% for 2700K.



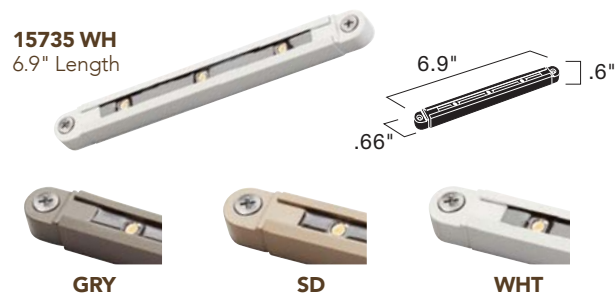


## 12V LED HARDSCAPE, DECK, STEP & BENCH

### 1 LED FIXTURE WITHOUT BRACKET



### 3 LED FIXTURE WITHOUT BRACKET



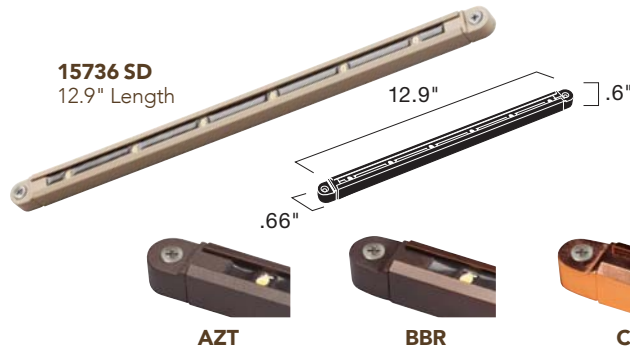
	15734	15735
Ordering Guide	15734 AZT30 – Textured Architectural Bronze 15734 BBR30 – Bronzed Brass 15734 CO30 – Unfinished Copper 15734 GRY30 – Textured Gray 15734 SD30 – Textured Sand 15734 WHT30 – Textured White	15735 AZT30 – Textured Architectural Bronze 15735 BBR30 – Bronzed Brass 15735 CO30 – Unfinished 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	Mounting Height
	0' 1' 2' 3' 4'	0' 1' 2' 3' 4'
	Foot Candles at 12"	Foot Candles at 12"
	Foot Candles at 24"	Foot Candles at 24"
Fixture Photometric (fc)	Mounting Height	Mounting Height
	0' 1' 2' 3' 4'	0' 1' 2' 3' 4'
	Foot Candles at 12"	Foot Candles at 12"
	Foot Candles at 24"	Foot Candles at 24"
Fixture Photometric (fc)	Mounting Height	Mounting Height
	0' 1' 2' 3' 4'	0' 1' 2' 3' 4'
	Foot Candles at 12"	Foot Candles at 12"
	Foot Candles at 24"	Foot Candles at 24"



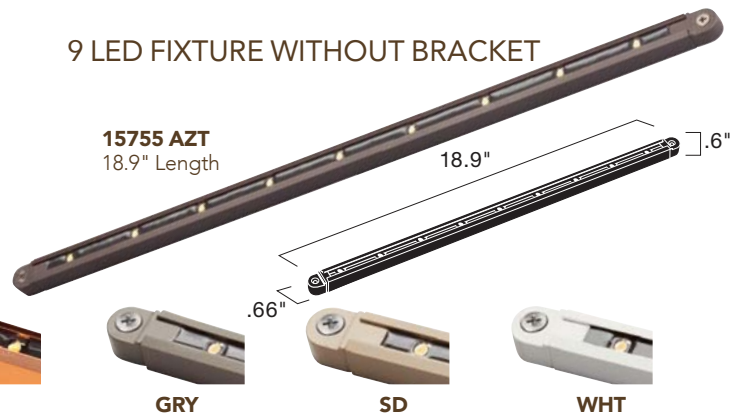
	15716 SS - 1 LED FLAT MOUNT BRACKET	15717 SS - 3 LED FLAT MOUNT BRACKET
Fits	Fits 15734, 15744 (1 LED)	Fits 15735, 15745 (3 LED)
Dimensions	Width – .66", Length – 3.0", Height – .60"	Width – .66", Length – 3.0", Height – .60"
Finish.	Stainless Steel	Stainless Steel
Notes	Mounting hardware included. U.S.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



	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.



### 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.



English



French



Spanish



Set geographical 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 DC	ADVANTAGE	Traditional Power Supply with Zone Control Accessory 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**

**15DC200**

**15DC300**

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 <a href="http://www.z-wave.com">www.z-wave.com</a> 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: <a href="http://landscapelighting.com/warranty">landscapelighting.com/warranty</a>
Mounting Hardware	Included. Integrated easy-positionable keyhole mounts allow for a simple installation.		



# Design Pro LED Controller

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 <a href="http://www.z-wave.com">www.z-wave.com</a> for additional options.	Z-Wave® See <a href="http://www.z-wave.com">www.z-wave.com</a> 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.





# LED/INCANDESCENT TRANSFORMERS

Power to perform with incandescent and LED fixtures.





# 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:

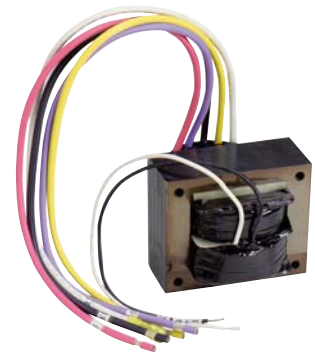
- **PROTECTION:** Core, wire leads and inner parts are set inside epoxy to prevent exposure to moisture to resist corrosion and maintain a permanent seal.
- **QUIET:** Humming noises are eliminated, as well as vibration, keeping connections from loosening.
- **COOL:** Epoxy also keeps unit running cooler.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

## OTHER IMPORTANT INSTALLATION CONSIDERATIONS:

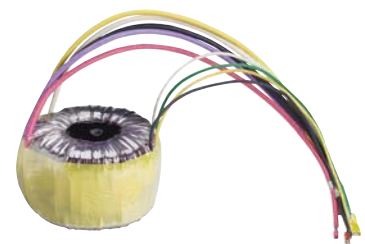
- National Electric Code and Underwriters Laboratories (UL) require that wiring, where concealed or extended through a building wall, must be enclosed in conduit.
- All Kichler transformers are rated for use with ANSI/UL 1838 listed fixtures including those for underwater use. Kichler transformers are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

PROFESSIONAL  
SERIES PR  
100W–1200W



PROFESSIONAL  
SERIES PR  
75W



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



## 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

PLUS  
SERIES PL  
75W



MANUAL  
SERIES M  
100W –  
600W



100W shown

ECONOMY  
SERIES E  
60W–120W



	PLUS SERIES PL	MANUAL SERIES M	ECONOMY SERIES E
Features	<ul style="list-style-type: none"><li>• Output voltage tap 15V only for simplified LED installations</li><li>• In-line secondary magnetic breaker protects against short circuit</li><li>• Epoxy encapsulant for greater protection and performance</li><li>• Powder-coated housing is painted steel with AZT Finish</li><li>• Features high efficiency Toroid core and coil</li><li>• Mounting brackets are welded and riveted in place for extra strength. Mounting plate for indoor use is included. Transformers used indoors require cable to be routed through conduit. Check local government ordinances and codes to ensure proper standards are met.</li><li>• 10-year limited warranty</li></ul>	<ul style="list-style-type: none"><li>• Output voltage taps are 12V, 13V, 15V only on 15M300 AZT and 15M600 AZT. 15M100 AZT and 15M200 AZT are single 12V taps.</li><li>• Epoxy encapsulant for greater protection and performance</li><li>• An in-line secondary thermal or magnetic breaker protects against short circuiting</li><li>• Auto-resettable in-line primary overload protection</li><li>• 10-year limited warranty</li><li>• Timers and photocells are not offered as options for this unit</li></ul>	<ul style="list-style-type: none"><li>• High and Low output settings</li><li>• Integral timer and photocell</li><li>• Durable black polymeric enclosure resists corrosion</li><li>• An in-line push button thermal breaker on the secondary protects against short circuiting</li><li>• Auto-resettable in-line primary over load protection</li><li>• 10-year limited warranty</li><li>• Built in photocell, timer and high-low switch</li></ul>



IN-GROUND  
100W



15IGT100

IN-GROUND  
300W



15IGT300

IN-GROUND  
600W



15IGT600

Features	<ul style="list-style-type: none"><li>• 100 W Total Power</li><li>• 4 Taps (Multitaps)</li><li>• Installed in concrete, gravel or dirt</li><li>• Durable black material to hold up with ground shifts</li><li>• Multiple ports for easy installation and wire routing</li><li>• Can be controlled with remote photocell and/or timer</li><li>• Optional accessory: 15608AZ Concrete Kit. See page 162.</li></ul>	<ul style="list-style-type: none"><li>• 300 W Total Power</li><li>• 4 Taps (Multitaps)</li><li>• Installed in concrete, gravel or dirt</li><li>• Durable black material to hold up with ground shifts</li><li>• Multiple ports for easy installation and wire routing</li><li>• Can be controlled with remote photocell and/or timer</li><li>• Optional accessory: 15608AZ Concrete Kit. See page 162.</li></ul>	<ul style="list-style-type: none"><li>• 600 W Total Power</li><li>• Dual output – 8 taps (Multitaps) 2 sets of 4</li><li>• Installed in concrete, gravel or dirt</li><li>• Durable black material to hold up with ground shifts</li><li>• Multiple ports for easy installation and wire routing</li><li>• Can be controlled with remote photocell and/or timer</li><li>• Optional accessory: 15608AZ Concrete Kit. See page 162.</li></ul>



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.
<div><div></div> = Included</div> <div><div></div> = Optional</div>																							
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																							

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

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

All transformers are for use with outdoor low voltage lighting.

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

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



## 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.

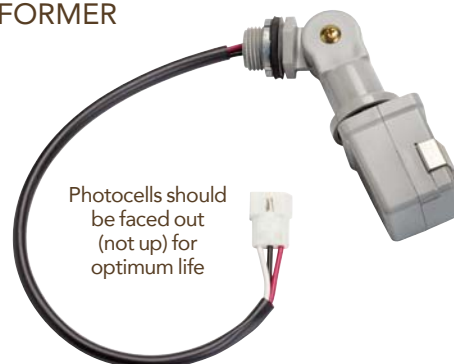
Photocells allow the intensity of daylight to define transformer operation. Timers can be used for more exacting requirements. Regardless of which is chosen, each will assist the transformer in providing the desired result.

### 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

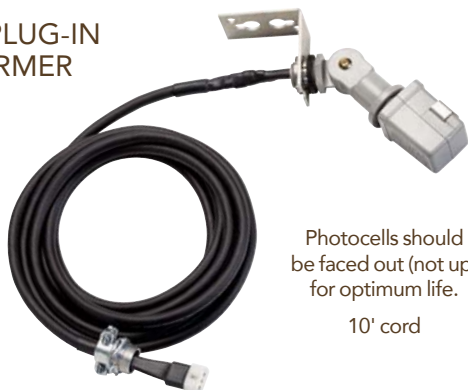
**15556 BK**

### 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

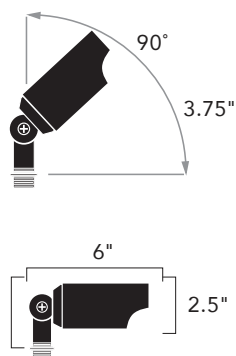
Create dramatic effects that make a landscape come alive at night.

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.

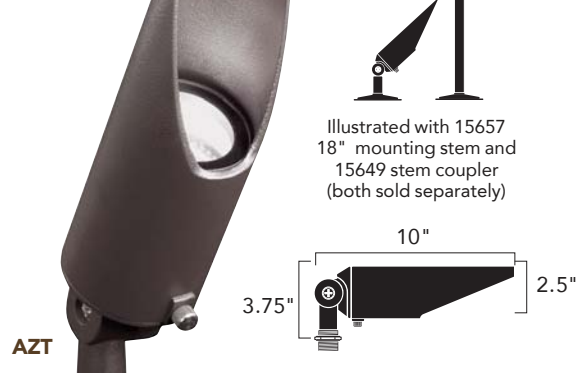
Shown: 15384 with 4W LED Lamp – 3000K  
16070 Wall Wash – 3000K



# MINI ACCENT



# LONG COWL MINI-ACCENT



## 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
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 <sup>7</sup> / <sub>8</sub> " ) accent light

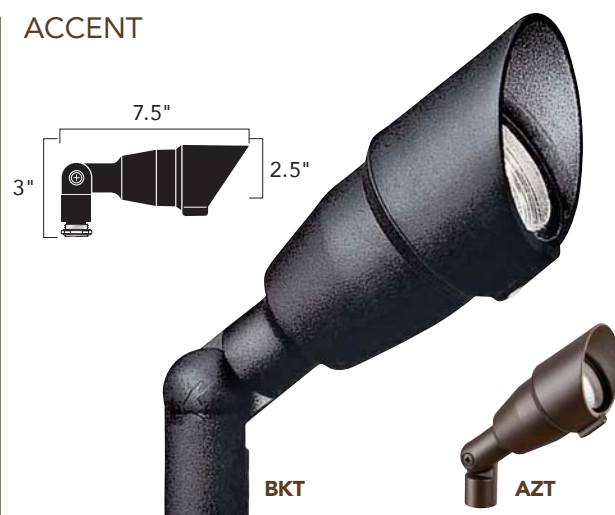


# ACCENT



**15309 AZT 12, BKT**

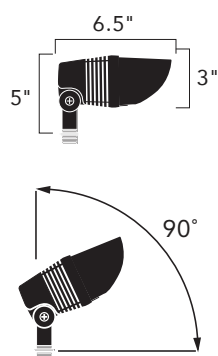
# ACCENT



**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

## COMPOSITE



15382 BLK

## MR 16



15381 AZT, AZT 6, BBR, BKT

## SOLID BRASS



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	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

ADJUSTABLE WIDE  
FLOOD



MINIATURE HOODED  
ADJUSTABLE WIDE  
FLOOD



	15395 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								
	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		

## 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 polycarbonate 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	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

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

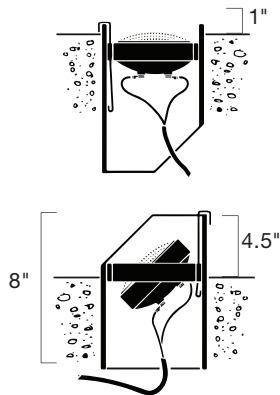
# LED/INCANDESCENT 12V IN-GROUND

Bring the light center stage.



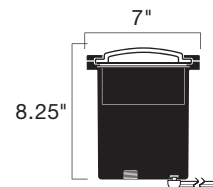
For use with a magnetic transformer combined with LED drop-in lamps, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not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



YOKE HELD PAR 36  
WELL


BK

ENCLOSED  
PAR 36  
IN-GROUND

Rock Guard/Glare  
Shield Accessory


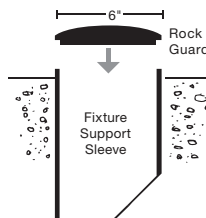
AZT

## 15088 BK, 15088 BK12

## 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.

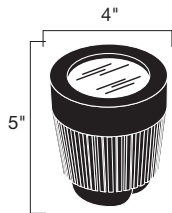
15690 BK snaps easily into place on flat side of fixture's sleeve.



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

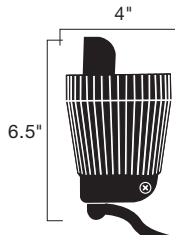
MR16  
MINI IN-GROUND



BK

15190 BK

MR 16  
MINI IN-GROUND  
WITH COWL



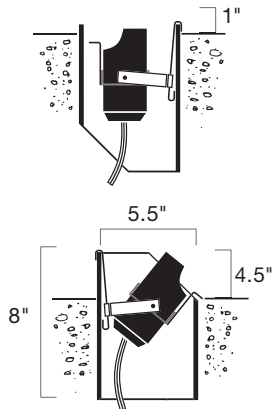
BK

15192 BK

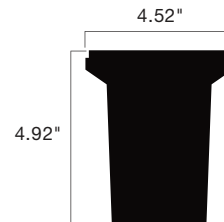
Ordering Guide & Finish	15190 BK	15192 BK
Housing	Durable high heat thermo-plastic composite resin. Heat resistant convex shaped glass lens. Fully sealed for watertight outdoor usage.	Components of durable high heat thermoplastic composite resin. Glare shield molded into lid. Light bulb shielded by a 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.



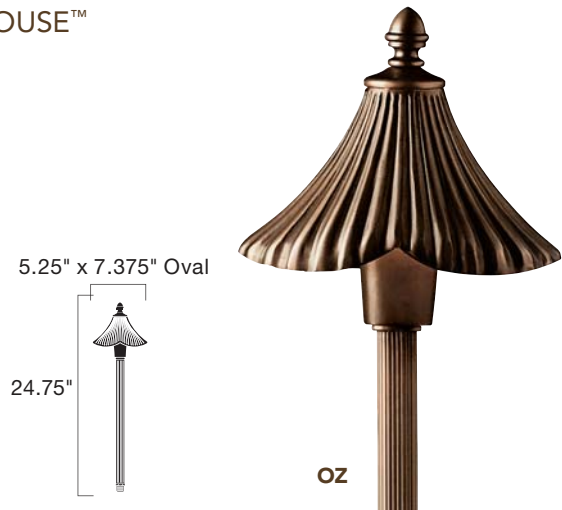
# LED/INCANDESCENT 12V PATH & SPREAD



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><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><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	–	–	–																																	

SINGLE-TIER  
LEAF



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><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><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



**15401 AZT**

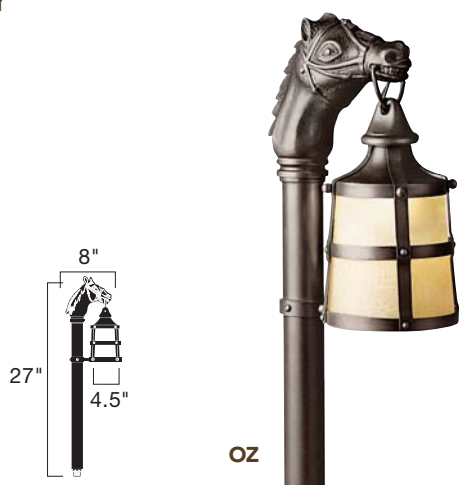
# VINTAGE PARK™



**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	Distance from Light
	Foot Candles	Foot Candles

## 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	Distance from Light	6"	1'	2'	3'	4'	5'	6'	7'	8'	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
	Foot Candles	8.96	2.6	.43	.13	–	–	–	–	–	Foot Candles	10	5.2	.8	.2	–	–	–	–	–



## COTSWOLD™



15422 AGZ

## COTSWOLD™



15420 AGZ

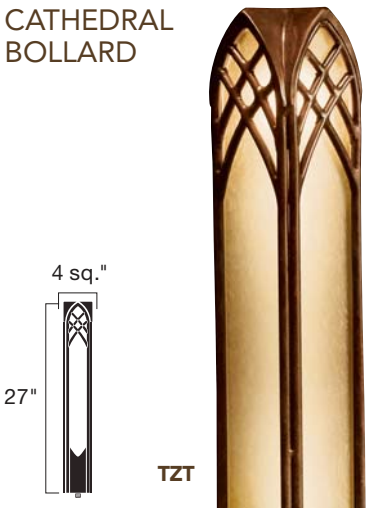
Ordering Guide & Finish	15422 AGZ	15420 AGZ
Housing	Cast Aluminum	Cast Aluminum with weathered white glass
Lamp Base	12V T5 wedge base socket	12V T5 wedge base socket
Supplied Lamp	11.6-W(VA) 912X (17023) Xenon light source Power usage at 12V AC input VA MAX: 16.25-W(VA)	11.6-W(VA) 912X (17023) Xenon 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	Distance from Light	Distance from Light
	Foot Candles	Foot Candles

COTSWOLD™  
CONVERTIBLE  
HEIGHT TIKI



15421 AGZ

CATHEDRAL  
BOLLARD

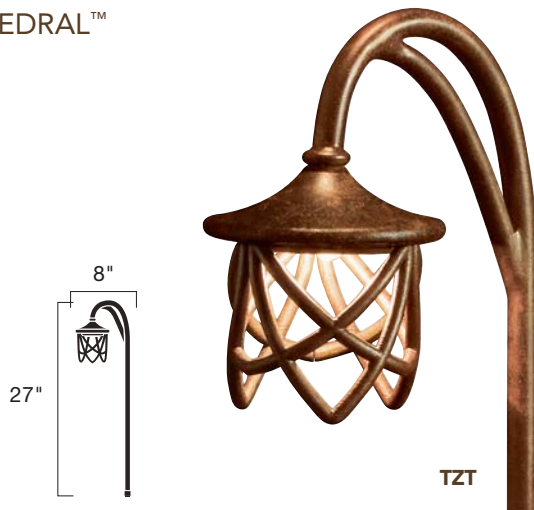


15449 TZT

Ordering Guide & Finish	15421 AGZ										15449 TZT										
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	–	–	–	–			Foot Candles	0.44	1.81	1.26	0.70	0.39	0.25	0.16	.012	.010



## CATHEDRAL™

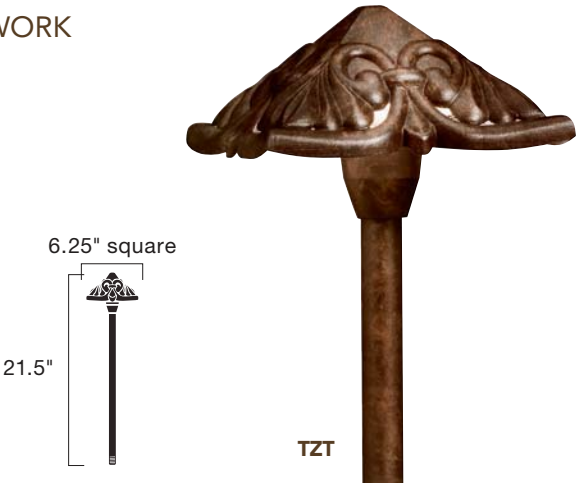

PIERCED  
DOME


## 15429 TZT

## 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'	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	–	–	–	Foot Candles	9.36	5.22	3.76	2.02	0.89	0.12	0.05	–	–

PIERCED  
SCROLLWORK



15437 TZT

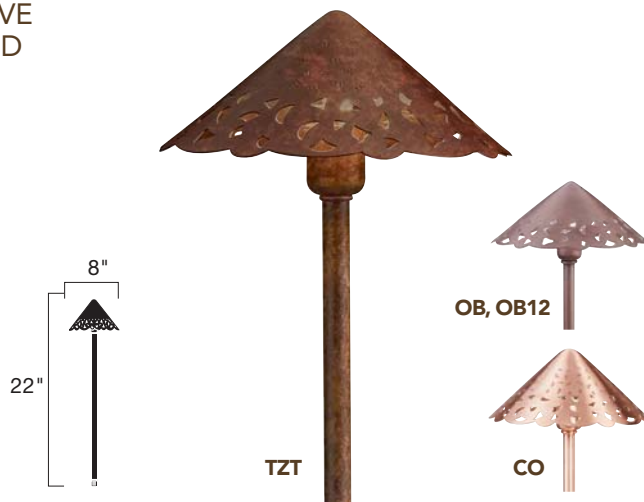
ADJUSTABLE  
CRESCENT



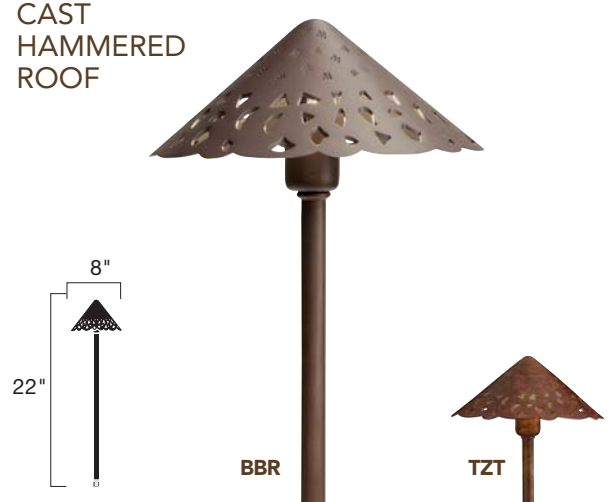
15330 OZ

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

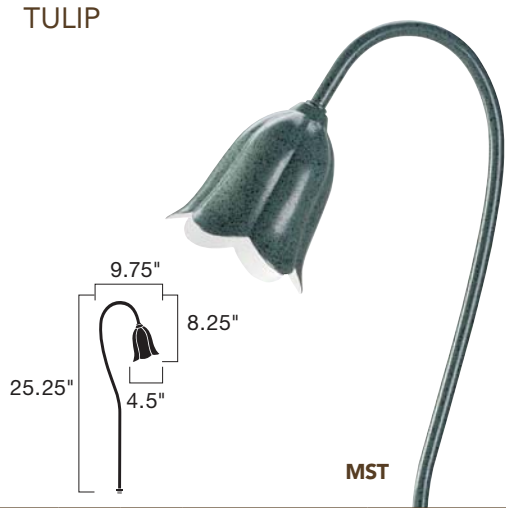
Ordering Guide & Finish	15443 CO 15443 OB 15443 OB12 – Same as 15443OB. Bulk packed in 12 (unbreakable master) 15443 TZT	15471 BBR 15471 TZT																																								
Housing	Brass or Copper	Cast Aluminum, Cast Brass																																								
Lamp Base	12V S8 wedge base socket	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><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><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	–	–	–	–	–																																	

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	1'	2'	3'	4'	5'	6'	7'	8'	9'	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
	Foot Candles	11.7	5.4	1.1	.2	–	–	–	–	–	Foot Candles	12.7	4.1	1	.2	.07	.02	–	–	–



LAFAYETTE™  
LANTERN

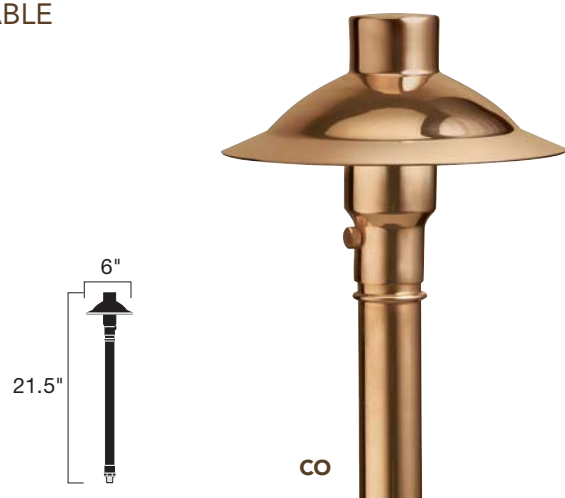

15313 TZG

LARKIN  
ESTATE™


OZ

15444 OZ

Ordering Guide & Finish	15313 TZG	15444 OZ
Housing	Cast Aluminum with linen seedy 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	Distance from Light	Distance from Light
	Foot Candles	Foot Candles

ADJUSTABLE  
COPPER**15350 CO**ZEN  
GARDEN**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	1'	2'	3'	4'	5'	6'	7'	8'	9'	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
	Bottom	6.4	5.0	2.3	1.0	.4	.1	–	–	–	Foot Candles	3.2	1.2	.26	–	–	–	–	–	–
	Middle	6.3	2.7	2.0	.9	.4	.1	–	–	–										
	Top	6.0	2.4	.8	.3	.1	–	–	–	–										

ZEN GARDEN  
BOLLARD

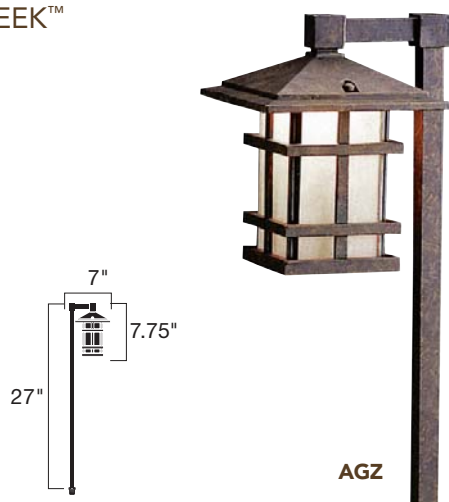
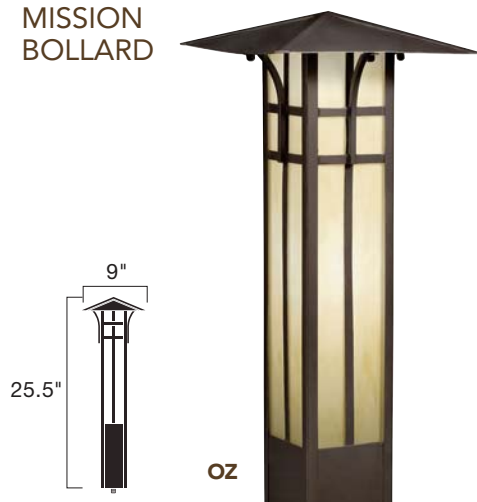

15392 OZ

MISSION  
LANTERN


15319 PZ

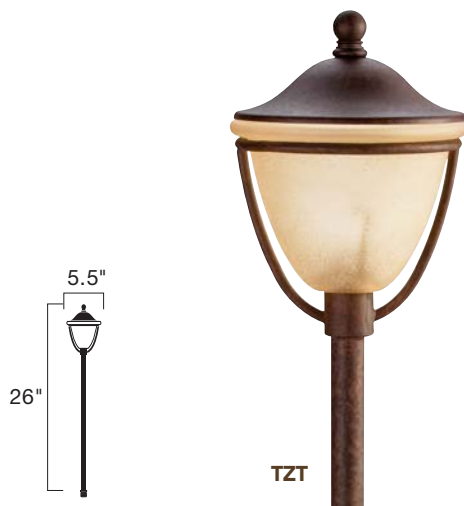
Ordering Guide & Finish	15392 OZ										15319 PZ									
Housing	Brass with textured amber seedy linen glass										Brass with satin-etched glass									
Lamp Base	12V T5 wedge base socket										12V S8 wedge base socket									
Supplied Lamp	11.6-W 912X (17023) Xenon light source Power usage 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	–	–	–	–



CROSS CREEK™  
LANTERN**15322 AGZ**MISSION  
BOLLARD**15458 OZ**

Ordering Guide & Finish	15322 AGZ										15458 OZ									
Housing	Cast Aluminum with textured linen seedy 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



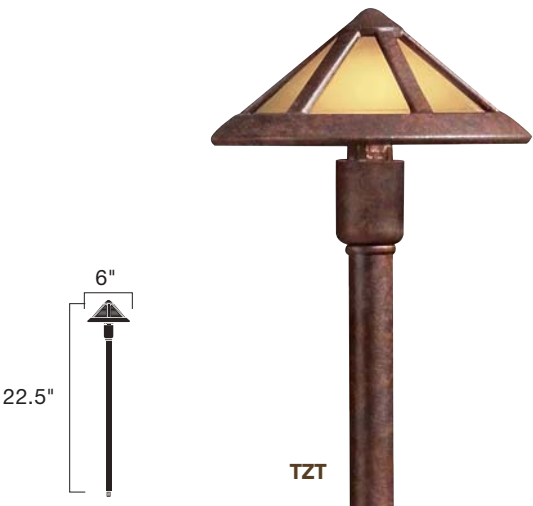
OZ

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	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	5.03	3.18	1.45	.68	.3	.13	.03	–	–	Foot Candles	2.9	1.2	.3	–	–	–	–	–	–

MICA  
MISSION



15450 TZT

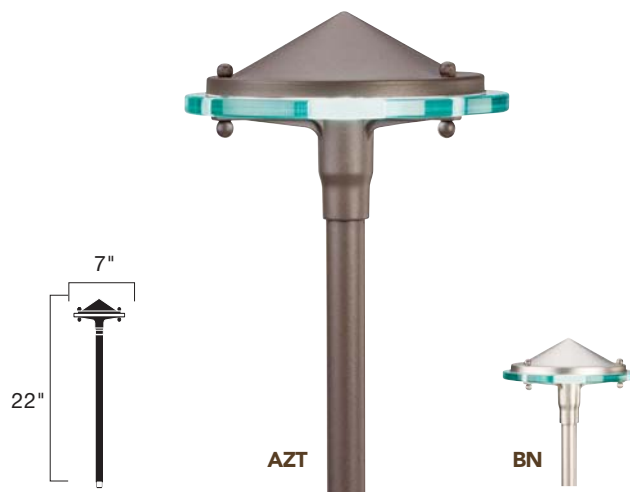
CONCORD  
LANTERN



15334 OB

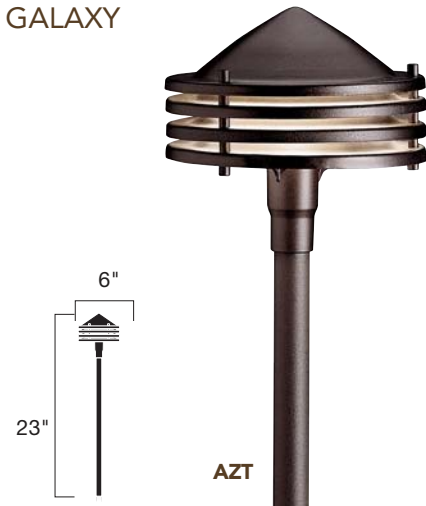
Ordering Guide & Finish	15450 TZT										15334 OB									
Housing	Cast Aluminum with mica finished glass panels										Brass with stainless steel rods and seedy glass									
Lamp Base	12V T5 wedge base socket										12V T5 wedge base socket									
Supplied Lamp	11.6-W(VA) 912X (17023) Xenon 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									
Optional Accessories	15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket										15601 – Surface Mounting Flange 15607 – Surface Mounting Bracket									
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	1.34	1.61	1.63	0.86	0.46	0.28	0.07	0.07	–	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	Distance from Light	Distance from Light
	Foot Candles	Foot Candles

SIMPLICITY  
SIDE MOUNT



15360 AZT

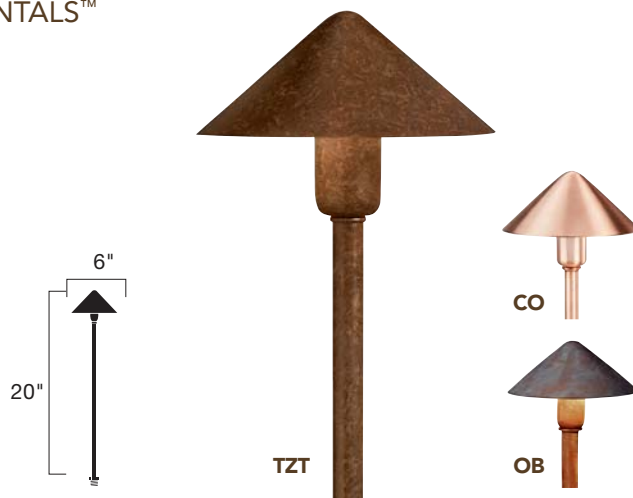
CONTOURS



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'	89'	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

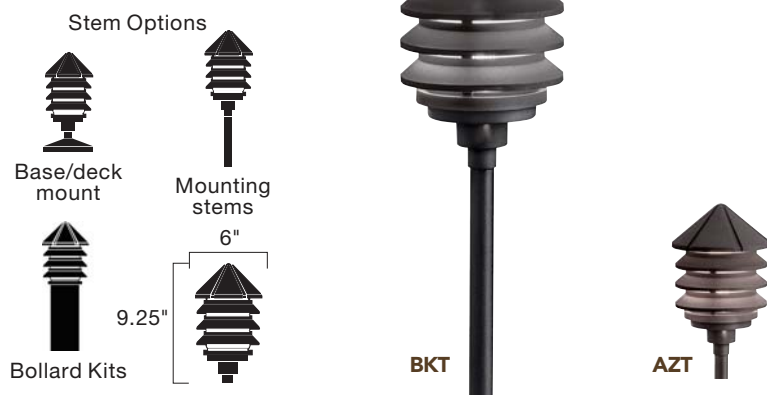
LARGE CENTER  
MOUNT


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	<table><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>13.4</td><td>4.55</td><td>1.65</td><td>.58</td><td>.13</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	13.4	4.55	1.65	.58	.13	–	–	–	–	<table><tr><td>Stem Height</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>12"</td><td>20.8</td><td>4.1</td><td>.27</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td></tr><tr><td>18" Supplied</td><td>12.1</td><td>5.6</td><td>1.8</td><td>.67</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td></tr><tr><td>24"</td><td>8.3</td><td>5.8</td><td>2.2</td><td>.97</td><td>.48</td><td>.02</td><td>–</td><td>–</td><td>–</td></tr></table>	Stem Height	1'	2'	3'	4'	5'	6'	7'	8'	9'	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	–	–	–
	Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'																																																				
	Foot Candles	13.4	4.55	1.65	.58	.13	–	–	–	–																																																				
	Stem Height	1'	2'	3'	4'	5'	6'	7'	8'	9'																																																				
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	–	–	–																																																					



## 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	Stem Height	1'	2'	3'	4'	5'	6'	7'	8'	9'	Stem Height	1'	2'	3'	4'	5'	6'	7'	8'	9'
	12"	2.1	.93	.67	.18	–	–	–	–	–	12"	18.7	4.3	1.4	.27	–	–	–	–	–
	18"	1.8	.73	.4	.27	0.3	–	–	–	–	18" Supplied	15	5.2	1.8	.8	.27	.03	–	–	–
	24"	1.2	.67	.33	.35	.27	.15	–	–	–	24"	11.6	5.1	2.2	.97	.48	.2	.07	–	–

# CENTER MOUNT



**15326 AZT, BKT**

# ONE TIER

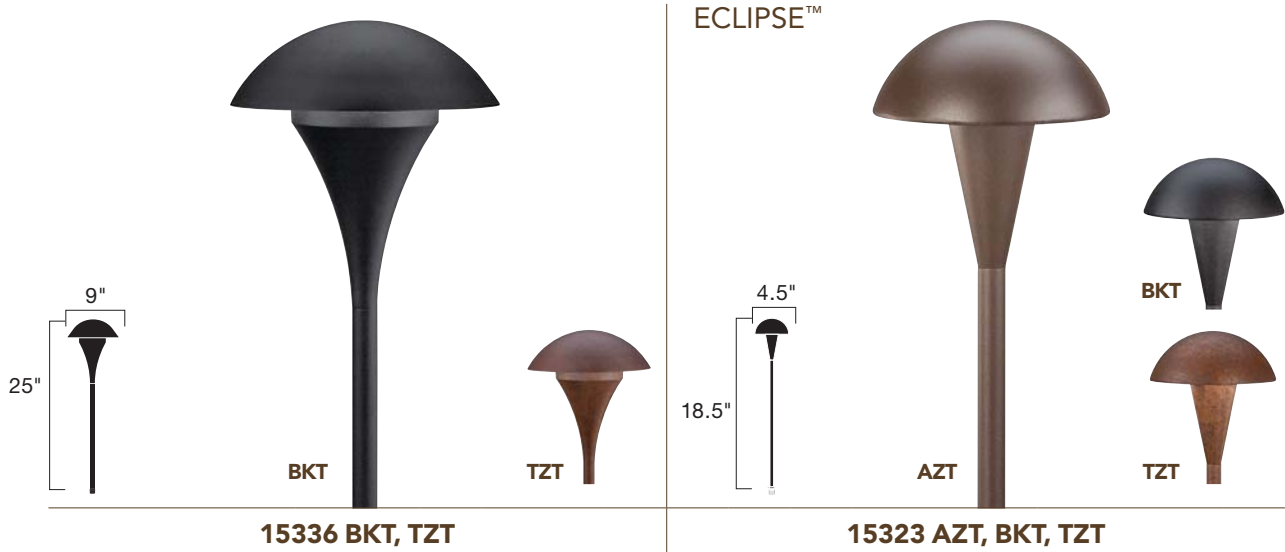
Stem Options



**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)																																																																																
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.	52" of usable #18-2, SPT-1-W leads. Cable connectors supplied.																																																																																
Mounting Access. (Included)	8" In-ground slotted stake	NA																																																																																
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><tr><td>Stem Height</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>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></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><tr><td>Stem Height</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>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></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	–	–	–
	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	–	–	–																																																																									
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	–	–	–																																																																									

LARGE  
ECLIPSE™



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)																																								
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.	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><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><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	–	–	–	–	–
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'																																	
Foot Candles	8.7	3.3	1.1	.4	.1	–	–	–	–																																	
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'																																	
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																			
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	–	–	–	–	Foot Candles	8	4.1	1.6	.5	.4	.1	–	–	–

## 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	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	22.0	9.6	4.0	1.1	.03	0.1	–	–	–	Foot Candles	6.17	4.85	4.34	2.51	1.58	1.35	0.77	0.43	0.28

# 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.



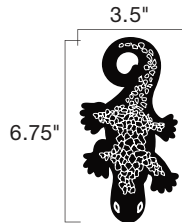
# LED/INCANDESCENT 12V DECK & PATIO

Bring outdoor living areas into the light.



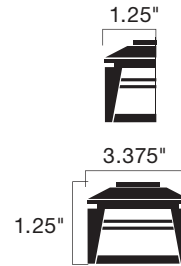
For use with a magnetic transformer, multiply fixture VA by the number of fixtures to determine size of the transformer. For use with the Design Pro LED Controller, multiply fixture watts by the number of fixtures to determine size of the controller. LED Fixtures are not for use with 3rd party electronic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



OAK TRAIL™  
ACCENT


OZ

15047 OZ

ZEN GARDEN™  
DECK


1.25"



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	Mounting Height	0'	0.5'	1'	2'	3'	4'	5'	Mounting Height	0'	1'	2'	3'	4'	5'	6'
	6'	3.6	.25	–	–	–	–	–	6'	26.53	7.26	1.33	0.06	–	–	–
	12'	2.1	.76	.15	–	–	–	–	12'	7.63	4	1.46	.2	–	–	–
	30'	1.26	.76	.1	–	–	–	–	30'	1.06	.93	.7	.3	0.03	–	–

ZEN GARDEN™  
POST



15071 OZ

LARKIN ESTATE™  
POST



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



# HALF MOON



BBR



AZT



WHT

# MINI



BBR



AZT



BKT



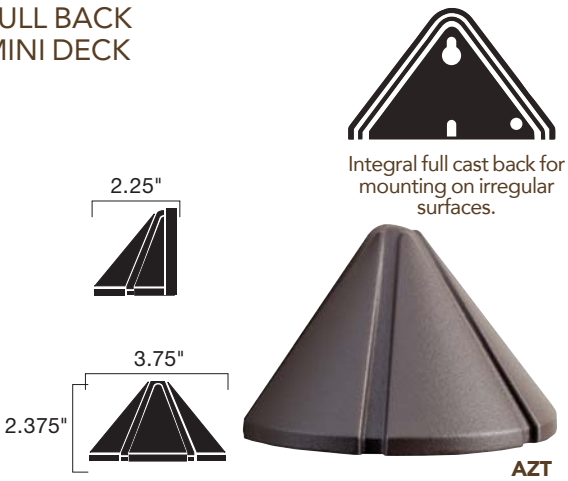
WHT

## 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	–	–	–

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	Mounting Height
	1' 2' 3' 4' 5' 6' 7' 8' 9'	.5' 1' 1.5' 2' 2.5' 3' 3.5' 4'
	Foot Candles	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

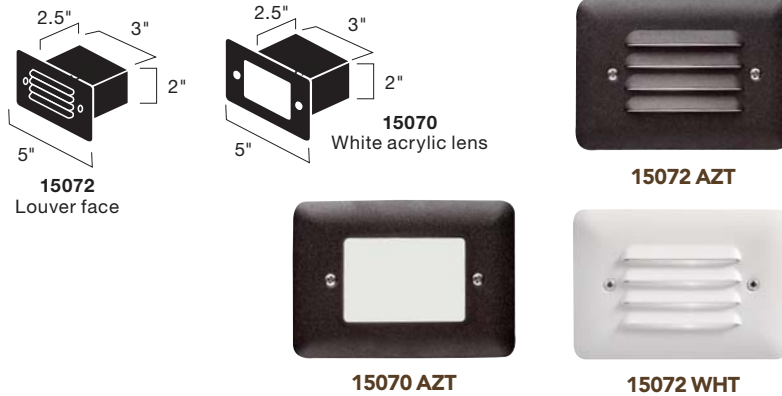
BARBECUE  
LIGHT



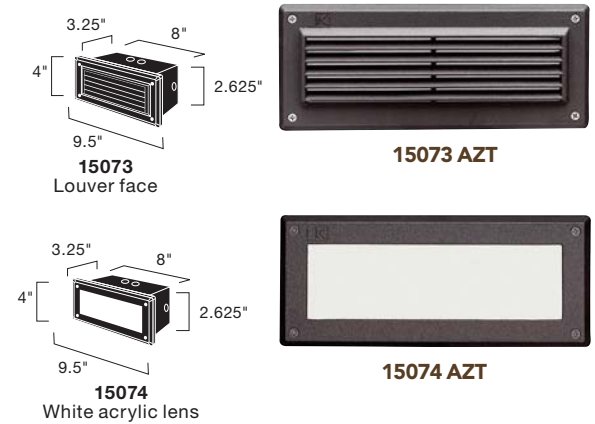
BK

	15079 AZT	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

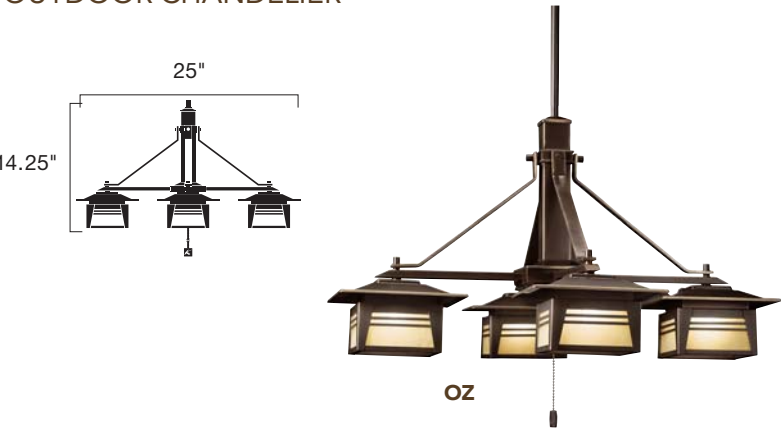


### 15070 AZT/15072 AZT, WHT

### 15073 AZT/15074 AZT

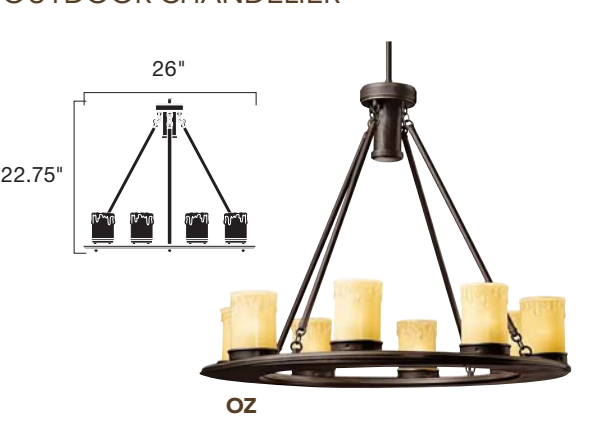
Ordering Guide & Finish	15070 AZT 15072 AZT, WHT								15073 AZT 15074 AZT										
Housing	Aluminum or copper faceplate with white reflector. Zinc plated steel housing. White acrylic diffuser on 15070 only.								Cast Aluminum with a fully sealed heat-resistant glass lens										
Lamp Base	12V 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								15073 Mounting Height										
	0.5'	1'	1.5'	2'	2.5'	3'	3.5'	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								15074 Mounting Height										
	0.5'	1'	1.5'	2'	2.5'	3'	3.5'	0.5'	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'		
	6"	2.6	.3	.09	–	–	–	–	12'	–	–	–	–	.01	.04	.04	–	–	–
								24'	–	–	.06	.1	.09	.04	.04	–	–	–	
								36'	.02	.04	.04	.04	.04	.04	.01	–	–	–	

ZEN GARDEN™ 12V  
OUTDOOR CHANDELIER



15409 OZ

OAK TRAIL™ 12V  
OUTDOOR CHANDELIER



15402 OZ

Ordering Guide & Finish	15409 OZ									
Housing	Brass with textured amber seedy linen glass									
Lamp Base	12V T5 wedge base socket									
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)									
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)									
LED Lamp Options	2W (18039-18041) see page 137. Compares up to 16W Xenon.									
Wiring	42" of usable #16-2, SPT-2W leads									
Mounting Access. (Included)	(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.									
Photometric with Supplied Lamp	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'
	Foot Candles	1.2	1.2	.9	.4	.3	.1	–	–	–

15402 OZ									
15402 OZ									
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)									
6.5-W(VA) 912X (17022) (9 required)									
2W (18039-18041) see page 137. Compares up to 16W Xenon.									
42" of usable #16-2, SPT-1-W leads									
(2) 12" extensions and (2) 6" extensions									
U.S. Patent Pending. Suitable for wet locations. Brass will develop natural patina over time.									



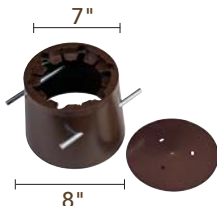
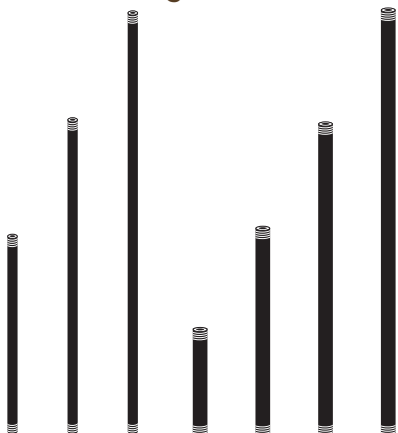





# LED/INCANDESCENT 12V ACCESSORIES











Genuine Kichler® low voltage accessories.








## 12V LED/INCANDESCENT ACCESSORIES




MOUNTING ACCESSORIES	ITEM NUMBER		NOTES
<div>Concrete Installation Kit</div> <div></div>	16501 BBRP		<ul style="list-style-type: none"><li>• Drive-over and walk-over rated to 4,500 lbs.</li><li>• Throw-away debris lid</li><li>• Includes two steel support rods</li></ul> <p>For use with fixtures 4W, 6.5W &amp; 14W – 16030, 16031, 16032,16033, 16034, 16035, 16036, 16037,16038</p>
<div>Fixture Mounting Stems</div> <div></div>	<div>1/4-18 NPSM THD. STEMS .5" DIA. OVERALL</div> <div>12" 15651 AZT 15651 BKT</div> <div>18" 15652 AZT 15652 BKT</div> <div>24" 15653 AZT 15653 BKT</div> <div>Reference fixture specifications for proper stem</div>	<div>1/2-14 NPSM THD. STEMS .75" DIA. OVERALL</div> <div>6" 15645 AZT 15645 BBR 15645 BKT</div> <div>12" 15656 AZT 15656 BBR 15656 BKT</div> <div>18" 15657 AZT *15657 BBR 15657 BKT</div> <div>24" 15658 AZT 15658 BBR 15658 BKT</div>	<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"><li>• In-ground support stakes (low voltage only)</li><li>• Surface mounting flange (low or line voltage)</li></ul> <p>1/2-14 NPSM stems will require additional Coupler (15649) or Elbow (15647) for accent light use</p>
<div>Adjustable Height Stems</div> <div><div>Extends from 18" to 33"</div></div>	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"><li>• 1/2-14 NPSM thds</li></ul>
<div>Bollard Mounting Kit</div> <div><div>4.0625" ID 4.25" OD</div></div>	<div>18" 15665 AZT 15665 BKT</div> <div>24" 15666 AZT 15666 BKT</div> <div>36" 15667 AZT 15667 BKT</div>	<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>	
<div>Bollard Template Kit</div> <div></div>	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>
<div>Bollard Mounting Stake</div> <div><div>23" H</div></div>	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>
<div>Polymeric Support Stakes</div> <div><div>8" H &amp; 14" H</div></div>	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
<b>Elbow</b>  1.18" W 2.09" H 1.35" L	15647 AZT 15647 BBR 15647 BKT	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.
<b>Stem Coupler</b>  1/2-14 NPSM thd. 1.5" H	15649 AZT 15649 BBR 15649 BKT	Aluminum (except BBR, which is Brass) coupler. For use with 1/2" NPSM stems.
<b>Surface Mounting Flange</b>  4" D 1/2-14 NPSM thd.	15601 AZT 15601 BBR 15601 BKT 15601 WHT	For 12V or 120V installations, surface flange must be used with junction box (not included). Neoprene gasket supplied to ensure water tight seal.  BBR is Bronzed Cast Brass AZT, BKT and WHT are Cast Aluminum
<b>Flange Mounting Nipple</b>  1" x 1/2-14 NPSM thd.	15602 AL	Anodized aluminum nipple. Used when attaching fixture directly to 15601 flange and 15607 bracket.
<b>Surface Mounting Bracket</b>  1.5" x 2.5" x 1" 1/2-14 NPSM thd.	15607 AZT 15607 BBR 15607 BKT 15607 WHT	For use with low voltage fixtures  Corrosion resistant Cast aluminum alloy with baked thermoset powder coat finish. Low voltage only.  BBR is Bronzed Cast Brass
<b>Out of Water Bracket</b>  2.52" W	15777 SS Use with fixture 15711 SS U.S. Patent Pending	Stainless steel easy mount bracket for use above ground on any surface – ideal for wood and masonry when used on decks, patios or overhangs.
<b>Multi-Fixture Weighted Base</b>  3.375" W	15776 BK Use with fixture 15711 SS	Heavy weighted 3 pronged underwater accessory for 2 or 3 fixtures to give maximum flexibility and directional capability.
<b>Single Fixture Weighted Base</b>  3.375" W	15778 BK Use with fixture 15711 SS	Heavy weight 1 prong underwater light accessory for standard installations. Provides advanced directional capability.
<b>Junction Box Mounting Bracket</b>  2.39" W 5.56" H	15609 AZT 15609 BKT 15609 WHT	Corrosion resistant Cast Aluminum alloy with baked thermoset powder coat finish. Use with 12V and 120V fixtures.
<b>1 LED Hardscape Bracket</b> 	15716 SS Use with fixture 15744 or 15734	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.



## 12V LED/INCANDESCENT ACCESSORIES

MOUNTING ACCESSORIES	ITEM NUMBER	NOTES
<b>3 LED Flat Mounting Bracket</b> 	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.
<b>6 LED Flat Mounting Bracket</b> 	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.
<b>9 LED Flat Mounting Bracket</b> 	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
<b>LED Amber Lens</b> 	16064 AMB for use with 3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005 16065 AMB for use with 6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011 16066 AMB for use with 21W – 16012, 16013, 16014  15875 AMB for use with 15731, 15732, 15733, 15741, 15742, 15743, 15767, 15768, 15769, 15728, 15747, 15748 15876 AMB for use with 15751, 15752, 15753, 15729, 15757, 15758	Designed specifically for Kichler Design Pro LED with Radiax Optics, lens offers the ability to create a warmer lighting effect  Designed specifically for Kichler Design Pro LED, lens offers the ability to create a warmer lighting effect
<b>LED Green Lens</b> 	16064 GRN for use with 3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005 16065 GRN for use with 6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011 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 15886 GRN for use with 15751, 15752, 15753, 15729, 15757, 15758	Designed specifically for Kichler Design Pro LED with Radiax Optics, greens of foliage can be intensified to illustrate their true beauty  Designed specifically for Kichler Design Pro LED, greens of foliage can be intensified to illustrate their true beauty
<b>LED Frosted Lens</b> 	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 16066 FRO for use with 21W – 16012, 16013, 16014  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	Designed specifically for Kichler Design Pro LED with Radiax Optics, creates a soft focus and diffuses the light to provide even, clean illumination  Designed specifically for Kichler Design Pro LED, creates a soft focus and diffuses the light to provide even, clean illumination






LENS/SHIELD ACCESSORIES		ITEM NUMBER		NOTES
Incandescent Frosted Lens		15672 FRO 15676 FRO  15691 FRO 15643 FRO 15633 FRO	for use with fixture 15382 for use with fixtures 15092, 15384, 15484, 15494 for use with fixture 15381 for use with fixture 15374 for use with fixture 15398	Creates a soft focus and diffuses the light to provide even, clean illumination
Polycarbonate Lens		15677 CLR 15695 CLR	for use with fixture 15827 for use with fixture 15315, 15815	Accessory lens of clear polycarbonate plastic. Provides additional internal protection from lawn sprinklers, etc.
Incandescent Linear Lens		15674 LIN 15675 LIN 15692 LIN 15642 LIN 15632 LIN	clear ribbed for use with fixture 15382 clear ribbed for use with fixtures 15092, 15384, 15484, 15494 clear ribbed for use with fixture 15381 clear ribbed for use with fixture 15374 clear ribbed for use with fixture 15398	Create a directional beam to highlight or elongate the beam spread on columns, arches and taller trees
Heat Resistant Lens		15659 AZT 15689 BK	for use with fixture 15079 for use with fixtures 15088, 15388	Heat-resistant glass lens held in an aluminum ring
Blue Lens		15673 BL 15686 BL  15687 BL 15693 BL 15641 BL 15631 BL	for use with fixture 15382 for use with fixtures 15092, 15384, 15484, 15494 for use with fixture 15381 for use with fixture 15397 for use with fixture 15374 for use with fixture 15398	Blue glass filters act as color enhancers to bring out the true rich greens of foliage for incandescent light sources
LED Long Cowl		16060 AZT, 16060 BBR, for use with 6.5W & 13W fixtures 16060 BKT, 16006, 16007, 16008, 16009, 16060 WHT 16010, 16011  16062 AZT, 16062 BBR, for use with 21W fixtures 16062 BKT, 16012, 16013, 16014 16062 WHT		Ideal solution for downlighting where increased glare control is needed
LED 360° Short Cowl		16061 AZT 16061 BBR for use with 6.5W & 13W fixtures 16061 BKT 16006, 16007, 16008, 16009, 16061 WHT 16010, 16011  16063 AZT, 16063 BB for use with 21W fixtures 16063 BKT 16012, 16013, 16014 16063 WHT		Full shroud for expanded glare control. Great option for downlighting to recess light source back.



## 12V LED/INCANDESCENT ACCESSORIES

LENS/SHIELD ACCESSORIES	ITEM NUMBER	NOTES
<b>Cowl – Polycarbonate</b> 	16050 BBRP for use with 4W, 6.5W & 14W fixtures 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038.	Feature water weeping channels for drainage. Easy two-screw installation.
<b>Cowl – Cast Brass</b> 	16050 BBR for use with 4W, 6.5W & 14W fixtures 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038	Feature water weeping channels for drainage. Easy two-screw installation.
<b>LED Snap-On Cowls</b> 	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	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.
<b>LED Rock Guard – Polycarbonate</b> 	16051 BBRP for use with 4W, 6.5W & 14W fixtures 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038	Feature water weeping channels for drainage. Easy two-screw installation. Walk-over rated.
<b>LED Rock Guard – Cast Brass</b> 	16051 BBR for use with 4W, 6.5W & 14W fixtures 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038	Drive-over & walk-over rated to 4,500 lbs.
<b>LED Rock Guard</b> 	15787 BK only for use with fixtures 15767BKT, 15768BKT, 15769BKT, 15728BKT, 15747BKT, 15748BKT, 15729BKT, 15757BKT, 15758BKT	Rock Guard/Glare Shield accessory for Design Pro LED Well Light Series. High-strength, UV and corrosion resistant polycarbonate housing. Black Polycarbonate finish.
<b>Incandescent Rock Guard</b> 	15694 AZ for use with fixture 15194 or 15268	Rock Guard/Glare Shield corrosion resistant for use with 15194 or 15268 well light. Architectural Bronze Polycarbonate Finish.



LENS/SHIELD ACCESSORIES	ITEM NUMBER	NOTES
<b>Incandescent Rock Guard</b>  5.90" D 1.686" H	15690 BK for use with fixtures 15088BK or 15388 BK.	Rock Guard/Glare Shield accessory for 15088BK and 15388BK Well Lights. Polycarbonate housing. High-strength, UV and corrosion resistant polycarbonate housing. Black Polycarbonate finish.
<b>Hexcell Louver</b> 	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	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.)
<b>Solid Brass Rock Guard with Clear Glass</b> 	15482 CBR for use with fixture 15781 CBR	Rock Guard/Glare Shield accessory for Centennial Brass In-Ground fixture. Optional clear lens provided.

LED CONTROLLER ACCESSORIES	ITEM NUMBER	NOTES
<b>Remote</b>  Length = 3.93" Width = 1.33" 	16080BK Remote	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.
<b>Range Extender</b>  Length = 1.83" Width = 1.83" 	16081WH Range Extender	Allows for wireless range extension (additional 300ft) between wireless devices (ex. power supply-to-power supply) Plugs into any standard 120V outlet (dry location).
<b>Wire</b>  EZPull 250' Boxes	16088BK – #14-2 Wire 16089BK – #16-2 Wire	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.

INSTALLATION ACCESSORIES	ITEM NUMBER	NOTES
<b>Kichler Landscape Flag Marker</b> 	15507 ONG	A great tool to use for designing your landscape lighting system. Plot out your landscape lighting needs with these green marker flags.
<b>Corrosion Preventative Compound</b> 	15670 BK	Specially formulated non-conductive sealant and corrosion preventative for all types of electrical contacts. Its grease-like consistency helps prevent intrusion of dust, moisture and rust. Apply to socket shell and bulb base. Acts to increase bulb and socket life. 2 oz. tube.

## 12V LED/INCANDESCENT ACCESSORIES

CONNECTION ACCESSORIES		ITEM NUMBER	NOTES
<b>Low Voltage Cable</b> 	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.
<b>Gel Filled Wire Connector</b> 	15579 BK for use when connecting: • 8-gauge wire to 10- and 12-gauge • connecting 10-gauge wire to 12-gauge wire 15589 BK for use when connecting: • 10-gauge wire • 12-gauge wire • 10-gauge wire to 12-gauge wire • 12-gauge wire to 18-gauge wire		Wire connector offers twist-on, waterproof, in-line cable splicing for direct burial. Services both 12V or 120V line voltage.
<b>QUIC DISC® Connector</b> 	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.
<b>Pro Series Wire Connector</b> 	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.
<b>Low Voltage Power Conditioner (LVPC)</b> 	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
<b>Mechanical Transformer Timer</b> 3" W 3.09" H 2.75" L 	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.
<b>Digital Transformer Timer</b> 2.73" W 3.84" H 1.89" L 	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.
<b>Remote Plug-In Transformer Photocell</b> 	15534 BK		Plug-In Photocell with 10' cord is for use with all Plus and Professional Series Transformers
<b>Plug-In Transformer Photocell</b> 	15565 BK		Plug-In Photocell is for use with all Plus and Professional Series Transformers.
<b>Synchronizer Device</b> 	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

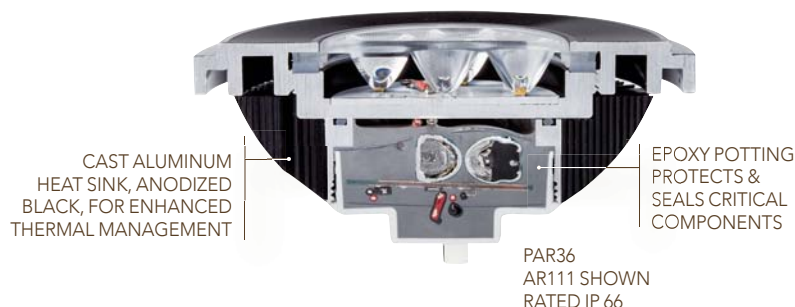
Landscape LED lamps developed the Kichler® way.



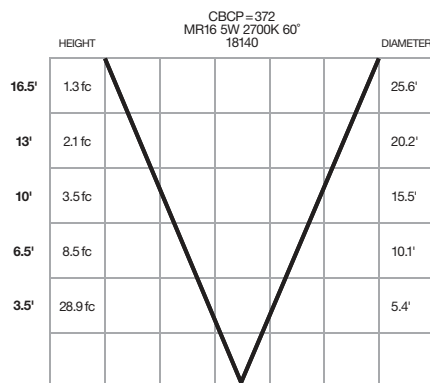
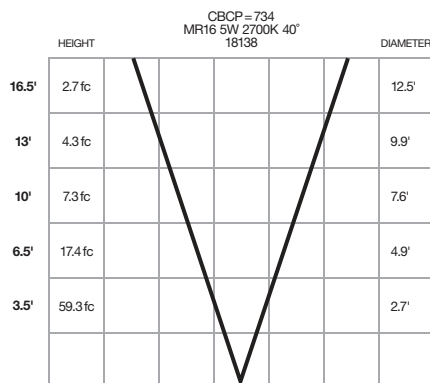
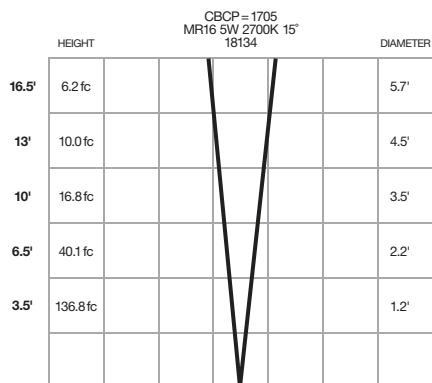
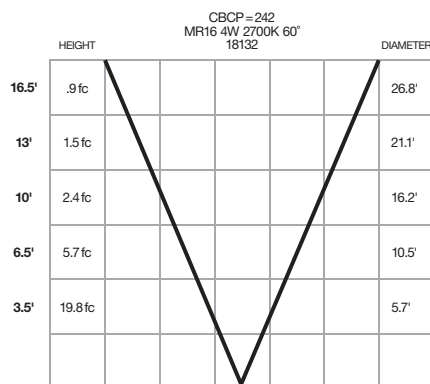
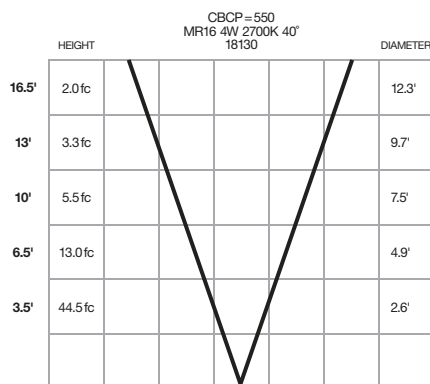
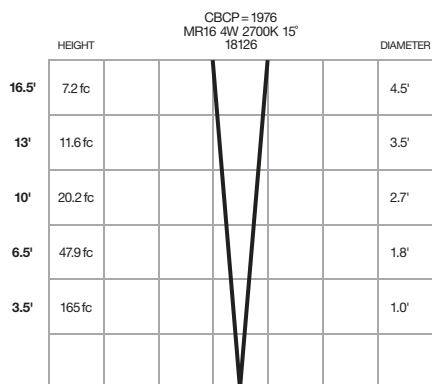


# 12V FEATURES

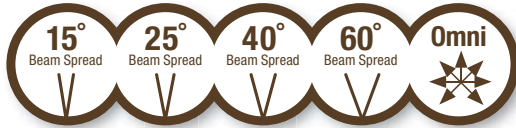
- Potted electronics protect against moisture
- Generates consistent light output for systems with an operating range from 9V to 15V with no loss in light output because of constant current driver designs
- Designed and listed for outdoor use in enclosed fixtures or wet locations
- Cast aluminum heat 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](http://landscapelighting.com)



BASE / LAMP TYPE	WATTS	KELVIN / LUMENS	BEAM ANGLE			
<b>MR16 Bi-Pin</b> Medium Power 	4W, 5.3VA* Compares up to 20W Halogen		15° SPOT	25° WIDE SPOT	40° FLOOD	60° WIDE FLOOD
		2700K – Warm White 240Lm	18126	18128	18130	18132
		3000K – Pure White 260Lm	18127	18129	18131	18133
<b>MR16 Bi-Pin</b> High Power 	5W, 6.6VA* Compares up to 35W Halogen	2700K – Warm White 350Lm	18134	18136	18138	18140
		3000K – Pure White 380Lm	18135	18137	18139	18141
<b>PAR36/AR111</b> Wet Location 	11W, 14.9VA* Compares up to 50W Halogen		15° SPOT	25° WIDE SPOT	40° FLOOD	
		2700K – Warm White 540Lm	18021	18024	18027	
		3000K – Pure White 600Lm	18022	18025	18028	
<b>S8 Wedge</b> 	2W, 2.8VA* Compares up to 18.5W Krypton		300° OMNI-DIRECTIONAL			
		2700K – Warm White 85Lm	18036			
		3000K – Pure White 100Lm	18037			
<b>T5 Wedge</b> 	2W, 2.8VA* Compares up to 16W Xenon		300° OMNI-DIRECTIONAL			
		2700K – Warm White 85Lm	18039			
		3000K – Pure White 100Lm	18040			
<b>G4/T3 Bi-Pin</b> 	2W, 2.8VA* Compares up to 20W Halogen		300° OMNI-DIRECTIONAL			
		2700K – Warm White 85Lm	18042			
		3000K – Pure White 100Lm	18043			

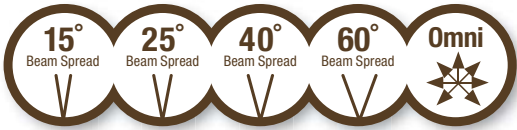
\* Multiply fixture VA by the number of fixtures used to determine size of transformer.

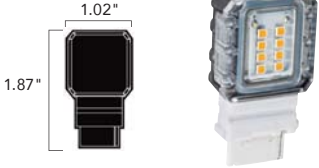
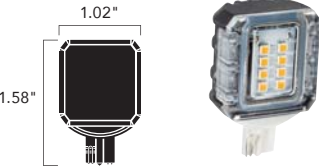
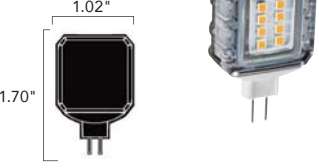
Stated lumens are for bare lamp only. Using lamp in enclosed fixtures can result in up to 30-40% loss in lumen output based on test data.

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
<b>S8 Wedge</b> 	2W, 2.4VA* Compares up to 18.5W Krypton	2700K – Warm White 130Lm	120° BEAM ANGLE 18122
		3000K – Pure White 130Lm	18123
<b>T5 Wedge</b> 	2W, 2.4VA* Compares up to 16W Xenon	2700K – Warm White 130Lm	18120
		3000K – Pure White 130Lm	18121
<b>G4/T3 Bi-Pin</b> 	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.






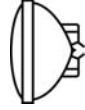





# 12V LAMPS





## 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 lamping 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.



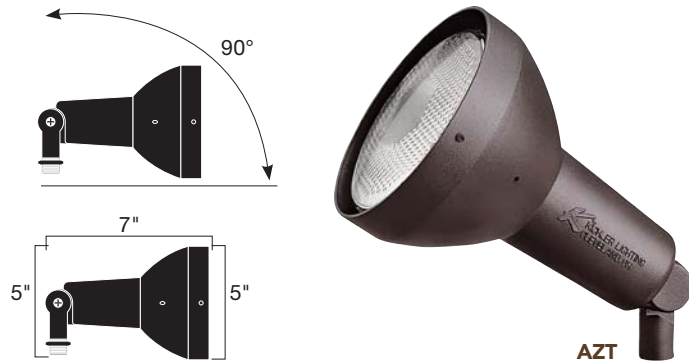
LARGE



SMALL  
COMPACT



	15251 AZT, BKT	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.

IN-GROUND  
INCANDESCENT – PAR38



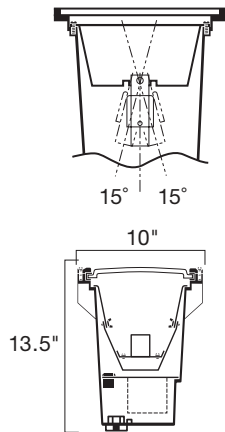
SMALL IN-GROUND –  
PAR20/PAR30



15295 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.	



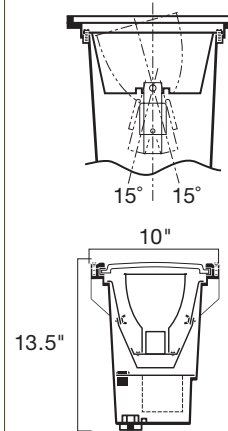
## IN-GROUND 35-W MH



AZ

## 15262 AZ

## IN-GROUND 70-W MH



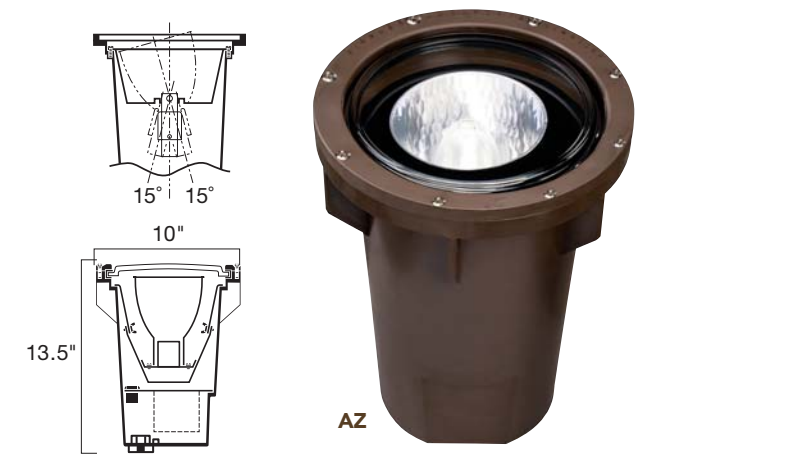
AZ

## 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.



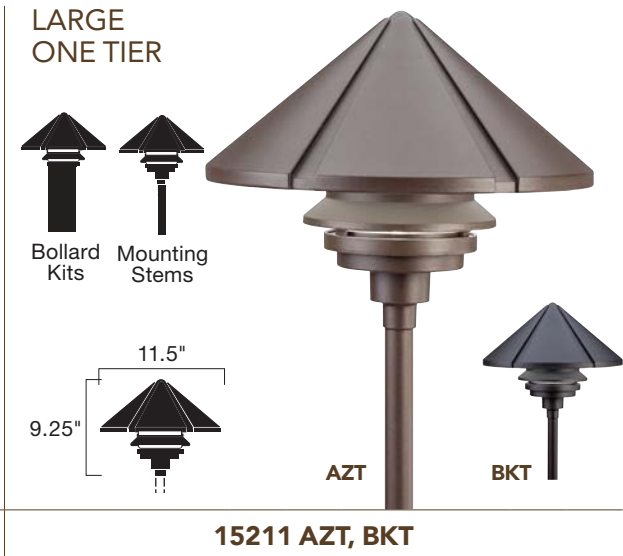
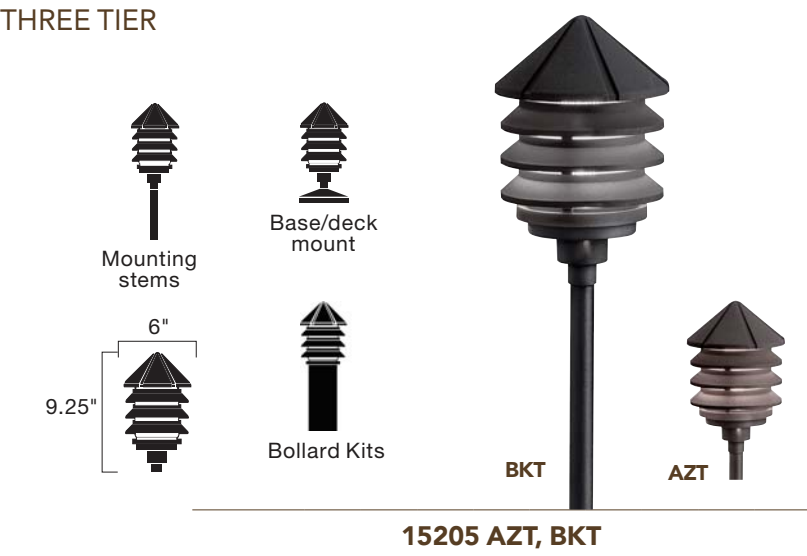
# INCANDESCENT 120V PATH & SPREAD

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



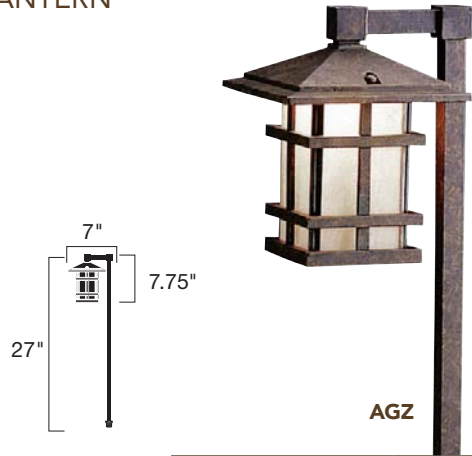


THREE TIER



	15205 AZT, BKT	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)	Mounting Height	Mounting Height
	1'	1'
	2'	2'
	3'	3'
	4'	4'
	5'	5'
	6'	6'
	7'	7'
	8'	8'
	9'	9'
	12"	12"
	18"	18"
	24"	24"
	10.1	27.1
	7.7	11.7
	1.7	2.8
	.82	1.2
	.48	.89
	.21	.34
	.11	.18
	–	.07
	–	–
	–	–
	–	–
	–	–

# 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)	<table><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>2.8</td><td>1.9</td><td>.4</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	2.8	1.9	.4	.1	–	–	–	–	–	<table><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>3</td><td>11.5</td><td>3.9</td><td>1.5</td><td>.70</td><td>.30</td><td>.1</td><td>–</td><td>–</td></tr></table>	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Foot Candles	3	11.5	3.9	1.5	.70	.30	.1	–	–	<table><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>76</td><td>31</td><td>10.2</td><td>3.6</td><td>1.6</td><td>.7</td><td>.3</td><td>.2</td><td>.1</td></tr></table>	Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'	Foot Candles	76	31	10.2	3.6	1.6	.7	.3	.2	.1
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'																																																						
Foot Candles	2.8	1.9	.4	.1	–	–	–	–	–																																																						
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'																																																						
Foot Candles	3	11.5	3.9	1.5	.70	.30	.1	–	–																																																						
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	9'																																																						
Foot Candles	76	31	10.2	3.6	1.6	.7	.3	.2	.1																																																						

120 LED OUTDOOR

LED 120V OUTDOOR



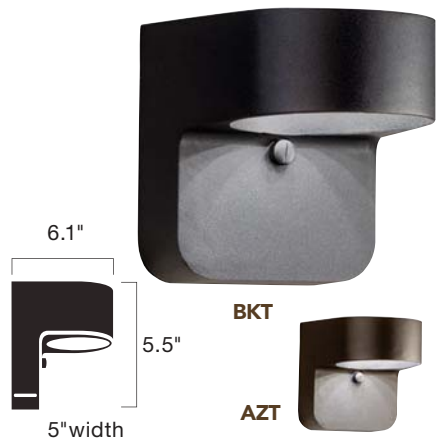
11251 AZT, BKT

LED 120V OUTDOOR



11250 AZT, BKT

LED 120V OUTDOOR



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)	Distance from Light	4.2'	8.4'	12.5'	16.7'	20.9'	Distance from Light	4'	8.3'	12.4'	16.5'	20.6'	Distance from Light	2.7'	5.5'	8.2'	11.0'	13.7'
	Foot Candles	52.1	13.0	5.8	3.3	2.1	Foot Candles	50.9	12.7	5.7	3.2	2.0	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.

**A** | **43800 BKT**  
Xenon Address Light

**A** | **43800 OZ**  
Xenon Address Light

**B** | **43800 BKTLED**  
LED Address Light

**B** | **43800 OZLED**  
LED Address Light

**C** | **4355 CLR**

**D** | **4381**  
Transformer

**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



## 120V OUTDOOR



## 6051 AZ, WH

## 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	<p>12W PAR30 Wet (18087-18092) see page 166. Compares up to 50W Halogen.</p> <p>12W PAR30L Wet (18111-18116) see page 166. Compares up to 50W Halogen.</p> <p>17W PAR38 Wet (18093-18098) see page 166. Compares up to 75W Halogen.</p>	<p>12W PAR30 Wet (18087-18092) see page 166. Compares up to 50W Halogen.</p> <p>12W PAR30L Wet (18111-18116) see page 166. Compares up to 50W Halogen.</p> <p>17W PAR38 Wet (18093-18098) see page 166. Compares up to 75W Halogen.</p>
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
<b>A</b>	43800	BKT, OZ	(2) 5W T5 Wedge Base	---	2.5	7	12.25	2.5	3.5	Damp Location
<b>B</b>	43800	BKTLED, OZLED	---	4W	2.5	7	12.25	2.5	3.5	Damp Location
<b>C</b>	4355	CLR	5W T5 Wedge Base	---	---	---	---	---	---	

## OPTIONAL TRANSFORMER

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

	ITEM #	W	H	L
<b>D</b>	4381	2.75	2.5	2

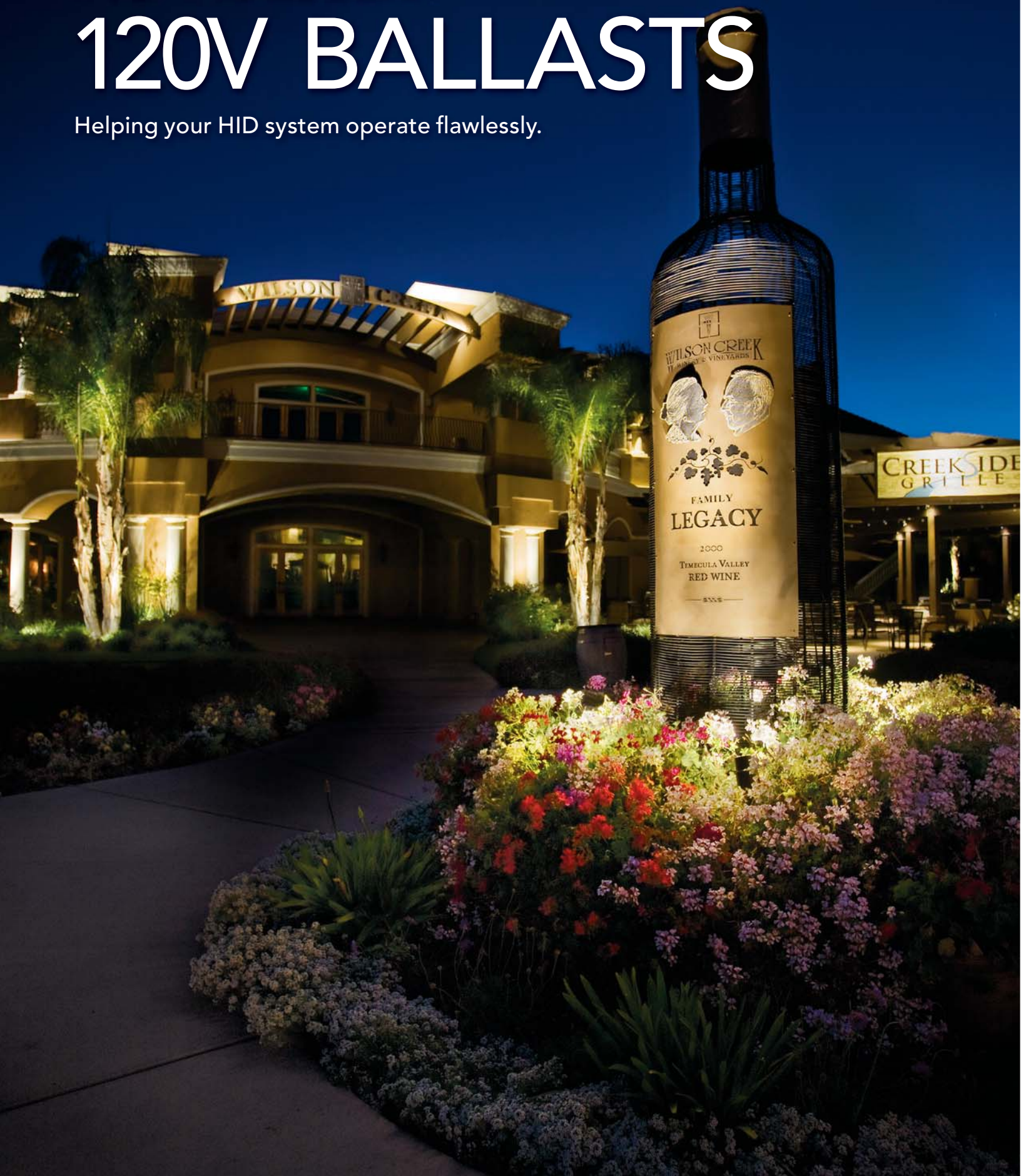
CAST ALUMINUM  
CONSTRUCTION

## NUMBER SET

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

# INCANDESCENT 120V BALLASTS

Helping your HID system operate flawlessly.



## ABOVE-GROUND



## IN-GROUND



## 15MHS35 AZT

## 15IGMHS70 AZ

Ordering Guide & Finish	Product ID – 15MHS35 AZT Description – Single 35-W-MH Tap – 120V ANSI# – M130	Product ID – 15IGMHS70 AZ Description – Single 70-W MH Tap – 120V ANSI# – M98
Housing	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.	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.
Ballast	Copper wrapped core and coil with High Power Factor (HPF) 105° C High Heat capacitor and long range ignitor. Rated for -20° F starting. Available with single 120V tap.	Quick disconnect ballast with bracket handle. Available with single 120V tap.
Dimensions	Single – 120V: 6.375" W x 9.5" L x 5.25" D	9.625" Dia. X 12" Hgt.
Notes	Above ground ballasts carry a UL listing mark suitable for the US and Canadian marketplace. Maximum distance from lamp to ballast cannot exceed 15' on single (120V) model. Some lamp brands may perform better.	In-ground ballasts carry a CSA listing mark suitable for the US and Canadian marketplace Maximum distance from lamp to ballast cannot exceed 15 feet. Some lamp brands may perform better.

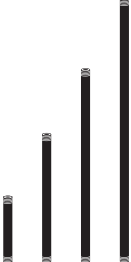






# LED/INCANDESCENT 120V ACCESSORIES

Create a customized installation.





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

## 120V LED/INCANDESCENT ACCESSORIES

MOUNTING ACCESSORIES	ITEM NUMBER	NOTES
<b>Junction Box Mounting Bracket</b>  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.
<b>Bollard Template Kit</b> 	15671 ST	For use with all bollard mounting kits. For permanent installation into concrete. Template kit includes positioning template, anchor bolts, and mounting hardware.
<b>Gel Encapsulant</b> 	15616 WH10 – 10 pack	Re-enterable encapsulant gel for in-ground installations. Two-part field mixable material in one convenient package.
<b>In-Ground Concrete Pour Kit</b>  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
<b>LED Amber Lens</b> 	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.
<b>LED Green Lens</b> 	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.
<b>LED Frosted Lens</b> 	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.
<b>Blue Lens Filter</b> 	15623 BL for use with 15231	N/A
<b>45° Hexcell Louver</b> 	15638 BK for use with 15241	Expanded aluminum shield with high temperature black finish.



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

# 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

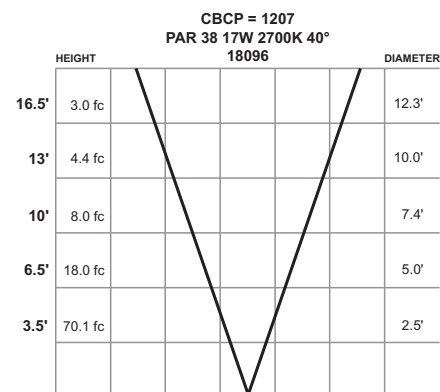
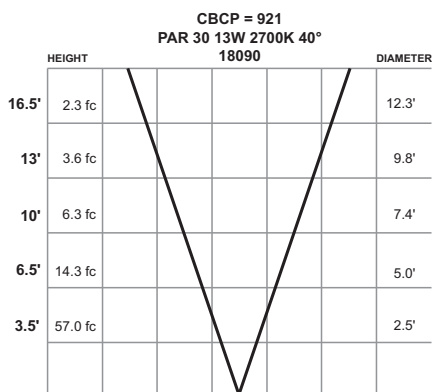
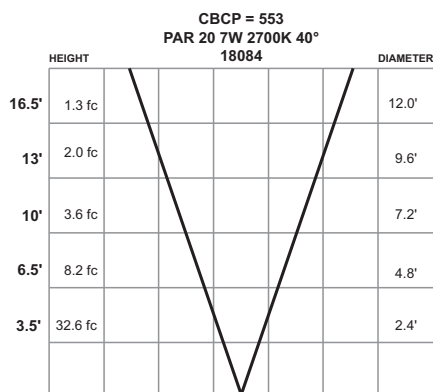


PAR30  
Wet Location  
Longneck



PAR38  
Wet Location

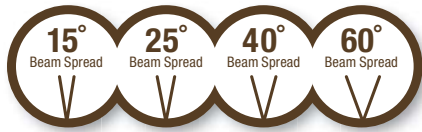
## 120V – 277V PHOTOMETRICS

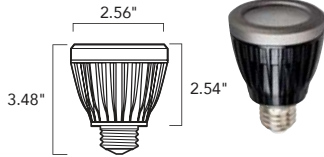
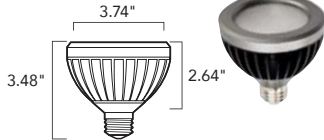
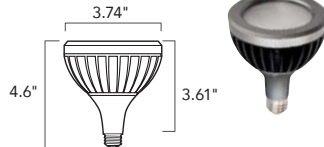


\* The curves indicate the illuminated area and the average illumination when the luminaire is at different distances. Stated footcandles are for bare lamps only. For additional photometrics, visit [landscapelighting.com](http://landscapelighting.com)



# 120V-277V LED/INCANDESCENT LAMPS



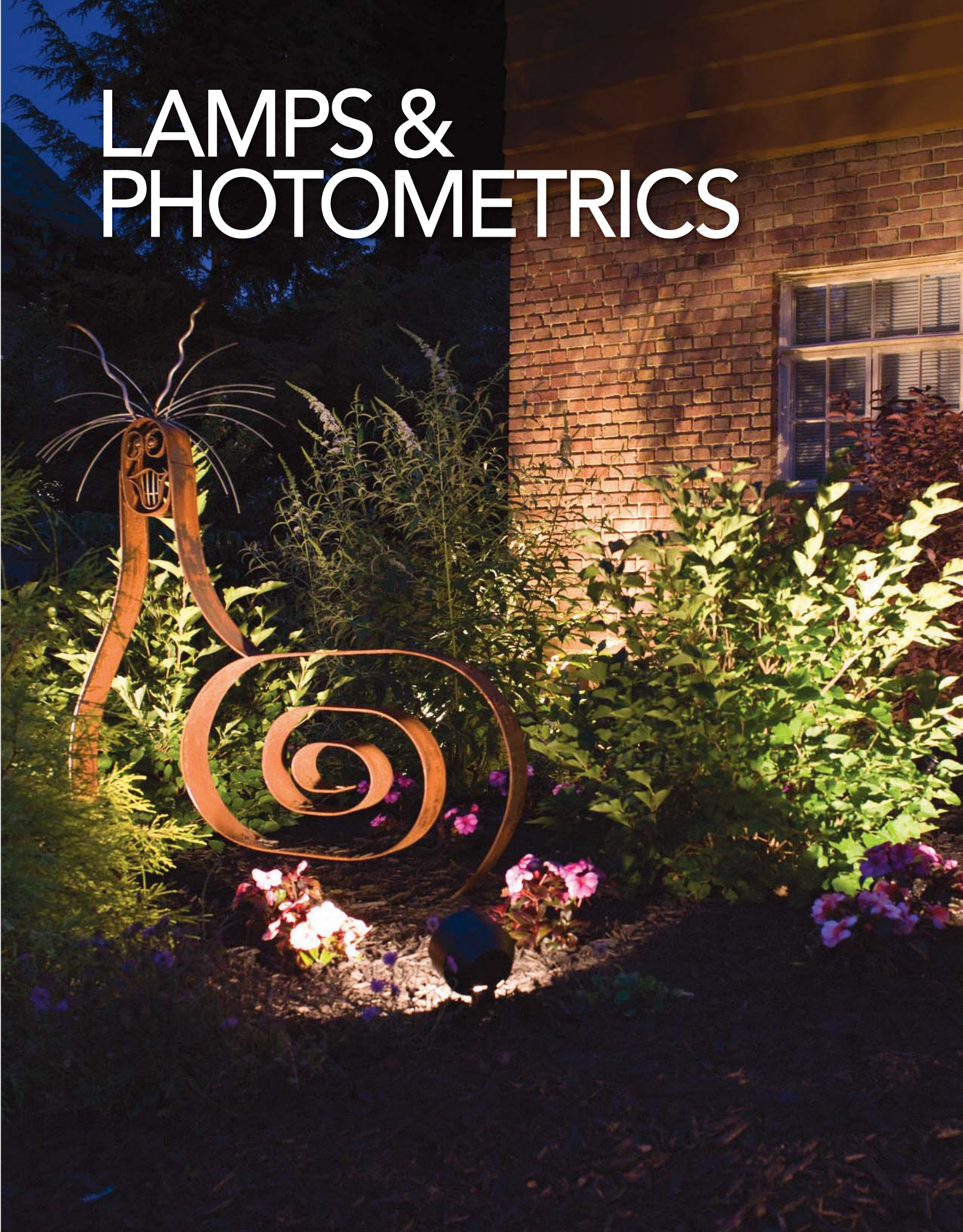
BASE / LAMP TYPE	WATTS	KELVIN / LUMENS	BEAM ANGLE	
<b>PAR20 – Wet*** Location</b>  	7W Compares up to 35W Halogen		<b>25° SPOT</b>	<b>40° FLOOD</b>
		2700K – Warm White 310Lm	18081	18084
		3000K – Pure White 330Lm	18082	18085
		4200K – Cool White 350Lm	18083	18086
<b>PAR30 – Wet*** Location</b>  	12W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

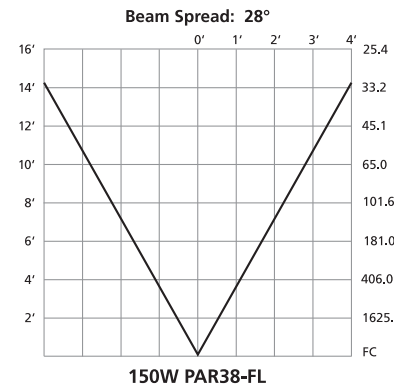
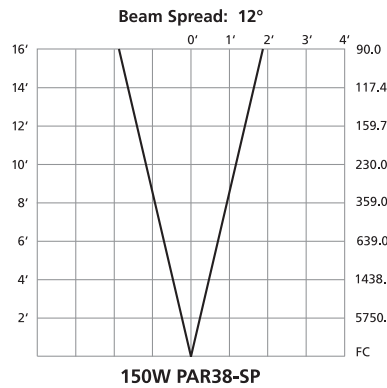
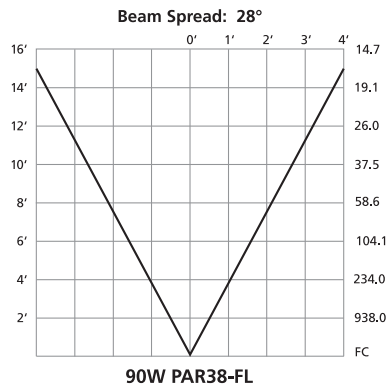
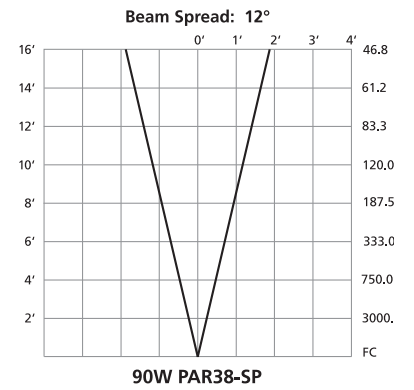
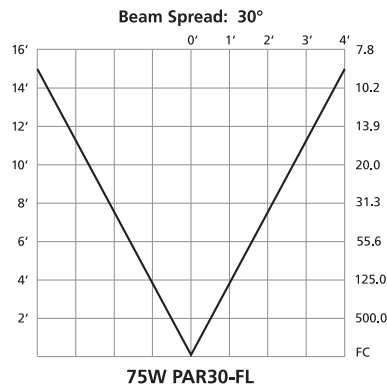
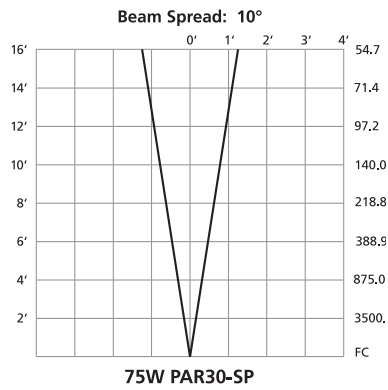
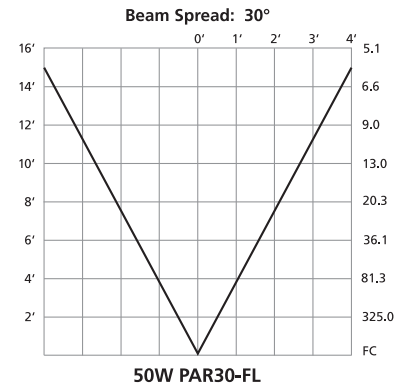
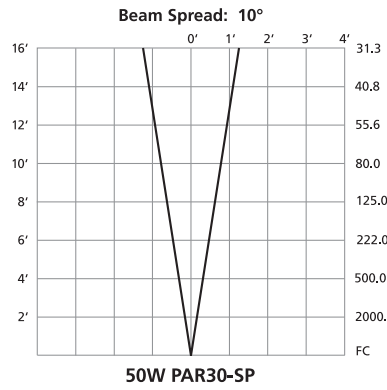
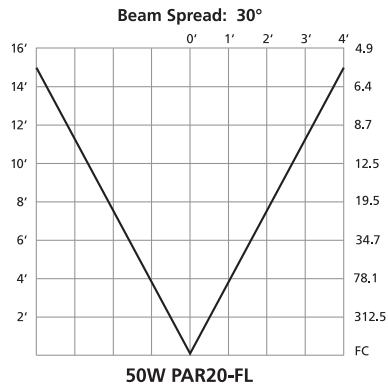
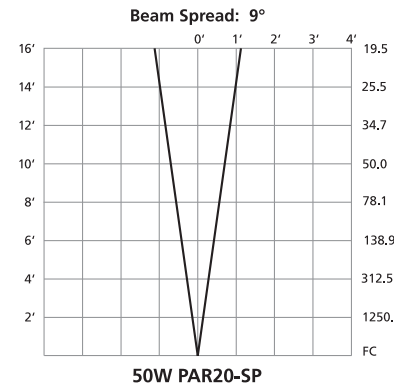
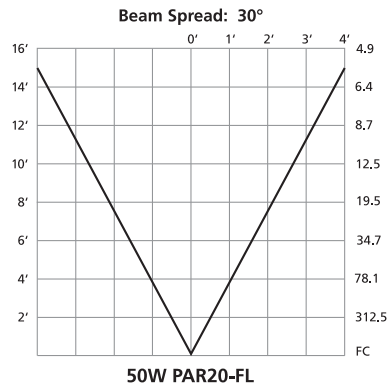
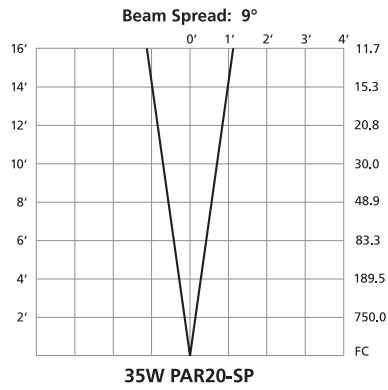
HALOGEN	LAMP TYPE	WATTS	BEAM SPREAD	BASE	LUMENS	AVERAGE LIFE (HRS)
	30PAR20-SP	35	9°	Medium	350	2,000
	30PAR20-FL	35	30°	Medium	350	2,000
	50PAR20-SP	50	9°	Medium	550	2,000
	50PAR20-FL	50	30°	Medium	550	2,000
	50PAR30L-SP	50	10°	Medium	630	2,000
	50PAR30L-FL	50	30°	Medium	630	2,000
	75PAR30L-SP	75	10°	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.

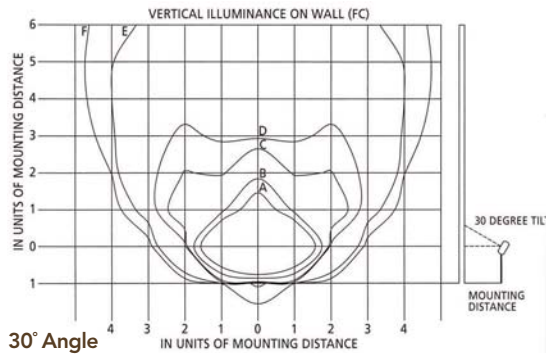
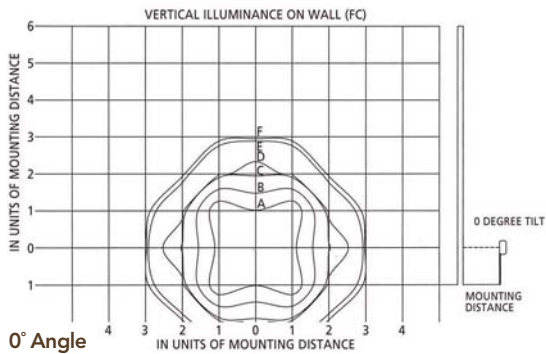
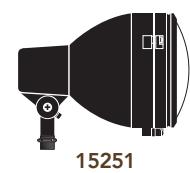




Note: Footcandle (FC) values may differ amongst lamp manufacturers.

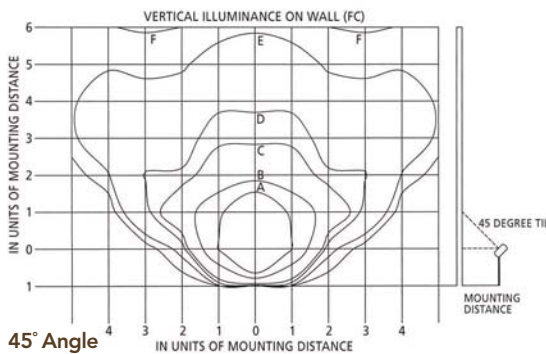
120V INCANDESCENT FIXTURE PHOTOMETRICS

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

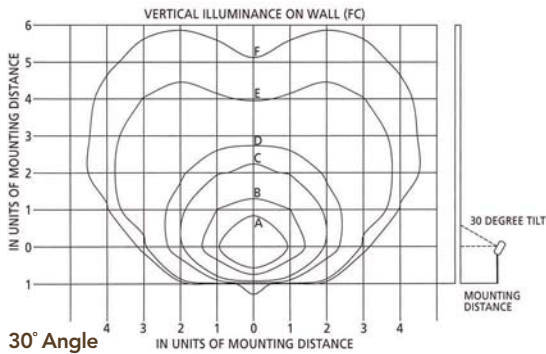
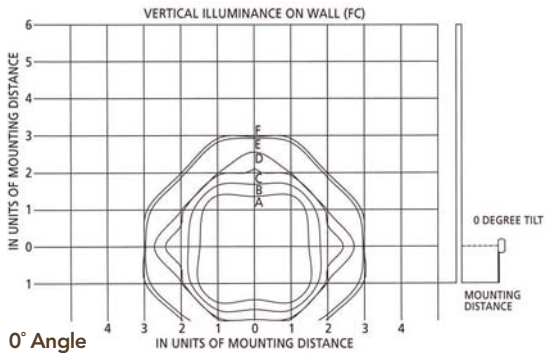
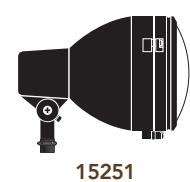


Vertical Illuminance (FC)

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

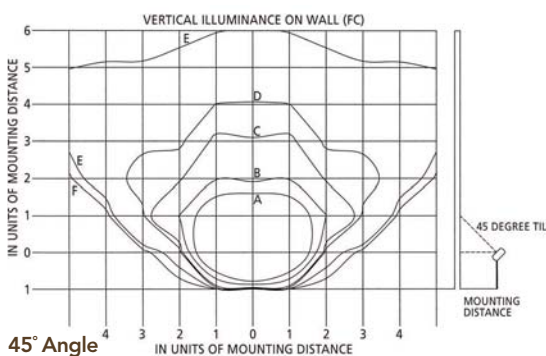


100-W Metal Halide  
Clear ED17 Metal Halide  
based on 9000 lumens  
per lamp

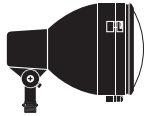


Vertical Illuminance (FC)

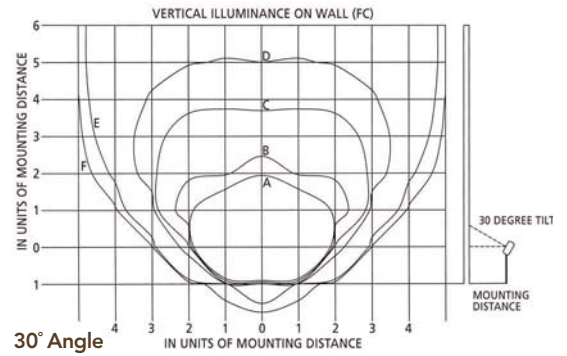
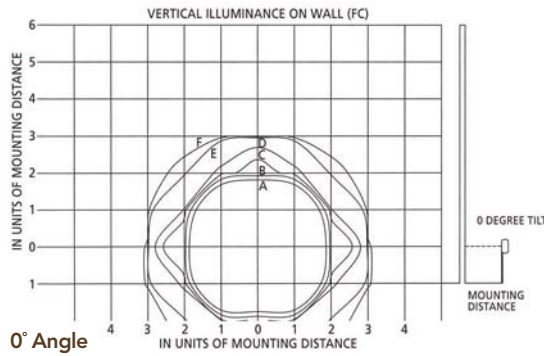
MD(FT)	A	B	C	D	E	F
3	13.89	8.33	2.78	1.39	0.28	0.14
4	7.81	4.69	1.56	0.78	0.16	0.08
5	5.00	3.00	1.00	0.50	0.10	0.05
6	3.47	2.08	0.69	0.35	0.07	0.03
7	2.55	1.53	0.51	0.26	0.05	0.03
8	1.95	1.17	0.39	0.20	0.04	0.02
9	1.54	0.93	0.31	0.15	0.03	0.02
10	1.25	0.75	0.25	0.13	0.03	0.01



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

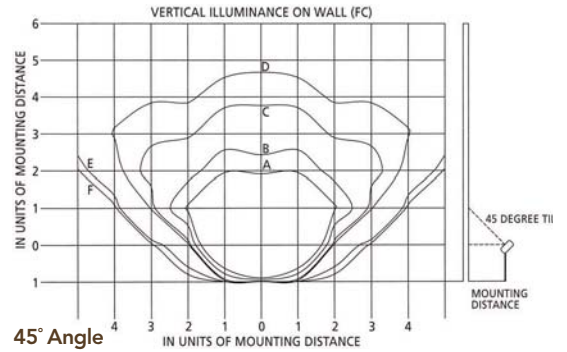


15251



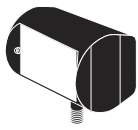
Vertical Illuminance (FC)

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

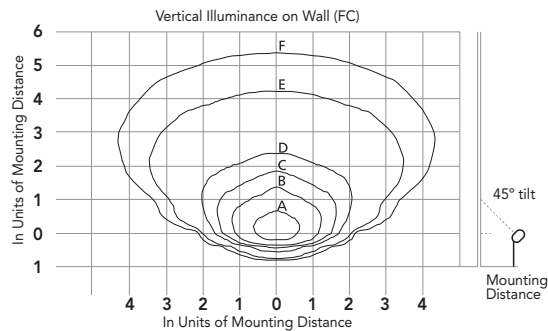


## 120 LED/INCANDESCENT ACCENT PHOTOMETRICS

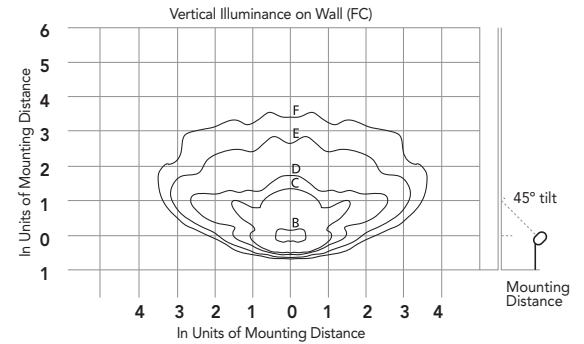
### 15395 AZT



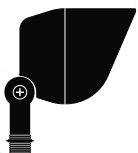
15395



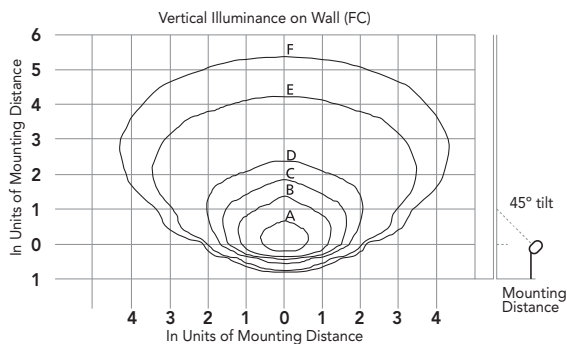
15396



### 15385 AZT



15385

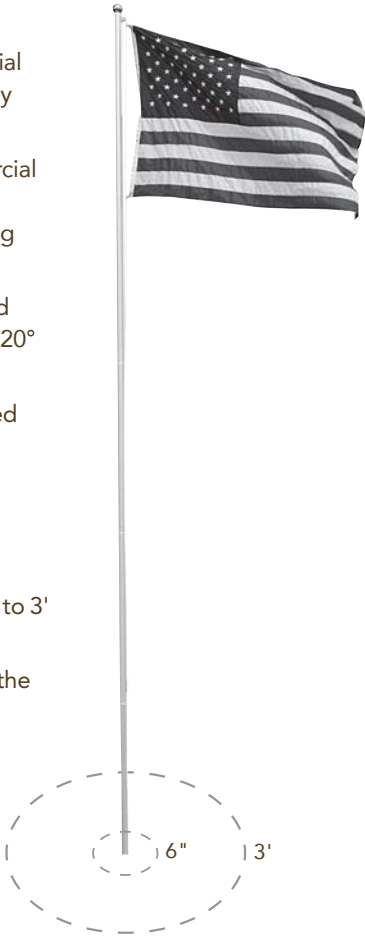




FLAG POLE ILLUMINATION

- 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

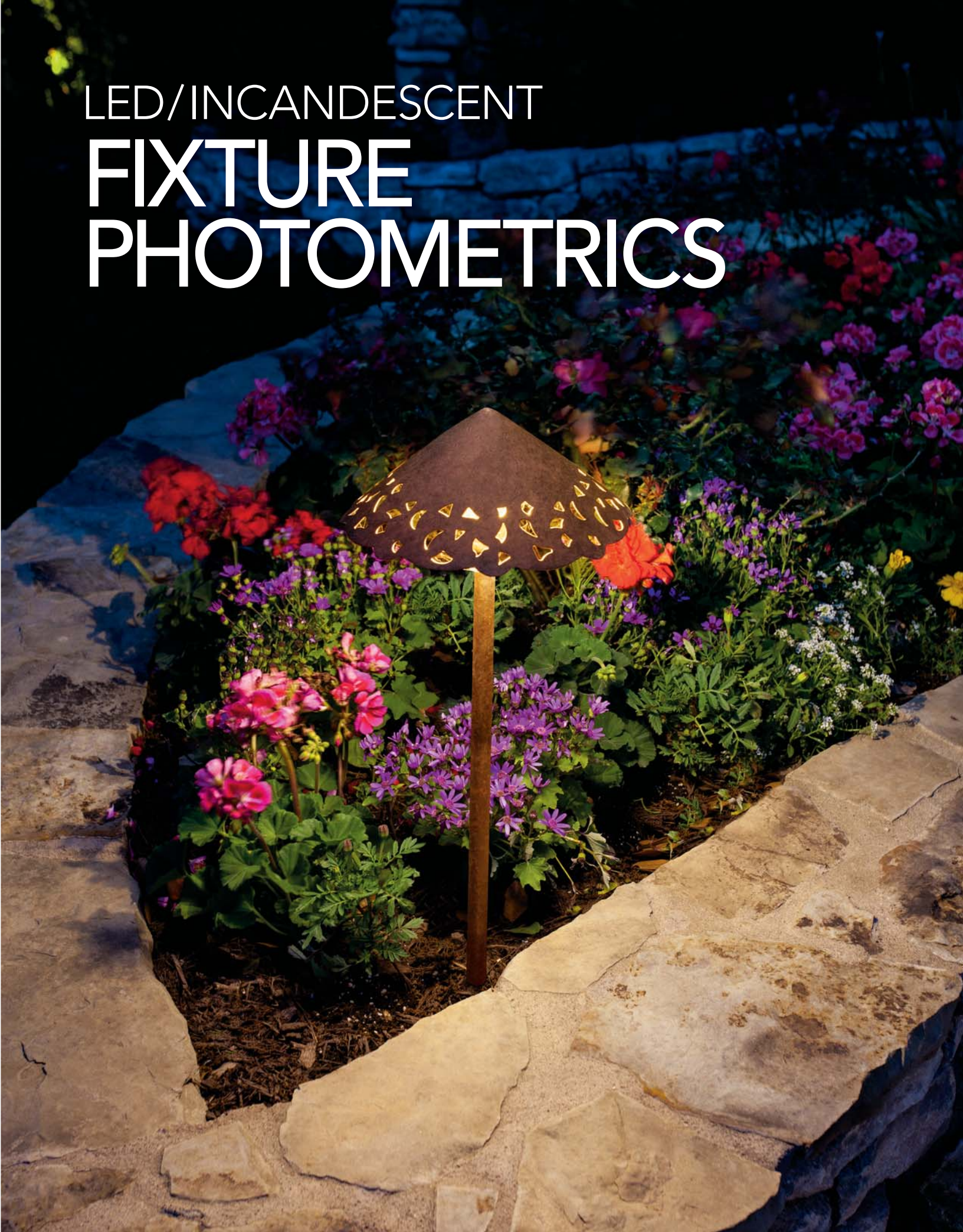
Installation 6" to 3' from base of flagpole



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


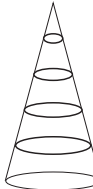
Pole Height	Typical Flag Size	Quantity of Fixtures	Lamp Wattage	Lamp Beam Spread	Kichler LED Option
12' to 20'	3' x 5'	2	20-W	NSP 10° to 15°	16003
25'	4' x 6'	2	35-W	NSP 10° to 15°	16006
30'	5' x 8'	2 or 3	35-W	NSP 10° to 15°	16006
35'	6' x 10'	3	35-W	NSP 10° to 15°	16006
Taller than 35'	10' +	3	50-W	NSP 10° to 15°	16009 or 16012


LED/INCANDESCENT  
**FIXTURE**  
**PHOTOMETRICS**






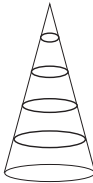


## 12V LED/INCANDESCENT FIXTURE PHOTOMETRICS

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
<b>8804</b> Cubic Ft. Per Minute on High	<b>86</b> Watts on High (Excludes Lights)	<b>103</b> Cubic Ft. Per Minute Per Watt



**52" ARKWET**  
339529 MWH, WCP, WSP



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



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



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



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



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



**52" CAMERON**  
310104 NI, TZP, WCP, WH



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



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



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



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



AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
<b>6338</b> Cubic Ft. Per Minute on High	<b>69</b> Watts on High (Excludes Lights)	<b>92</b> 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
<b>9050</b> Cubic Ft. Per Minute on High	<b>86</b> Watts on High (Excludes Lights)	<b>105</b> 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
<b>4177</b> Cubic Ft. Per Minute on High	<b>57</b> Watts on High (Excludes Lights)	<b>73</b> Cubic Ft. Per Minute Per Watt

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

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
<b>6049</b> Cubic Ft. Per Minute on High	<b>74</b> Watts on High (Excludes Lights)	<b>82</b> 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
<b>4299</b> Cubic Ft. Per Minute on High	<b>54</b> Watts on High (Excludes Lights)	<b>80</b> Cubic Ft. Per Minute Per Watt

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

AIRFLOW	POWER USAGE	AIRFLOW EFFICIENCY
<b>4973</b> Cubic Ft. Per Minute on High	<b>58</b> Watts on High (Excludes Lights)	<b>86</b> 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
<b>5242</b> Cubic Ft. Per Minute on High	<b>59</b> Watts on High (Excludes Lights)	<b>89</b> Cubic Ft. Per Minute Per Watt

Note: Performance data reflects ABS Palm blade set 371060.



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

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



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

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



**52" LYNDON PATIO**  
310139 WSP, OZ

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

**52"**

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

**60"**

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

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

**80"**

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

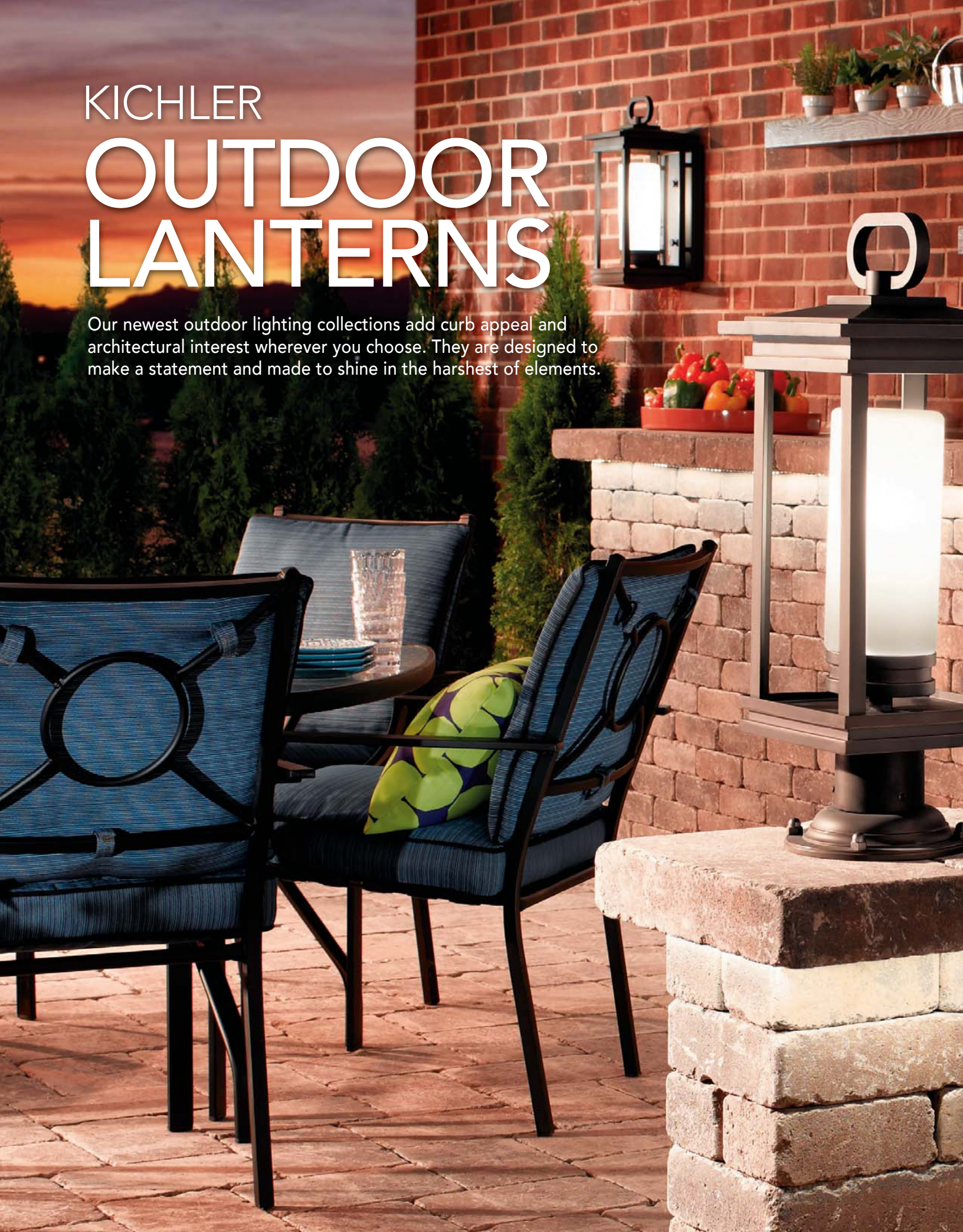
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Note: Blades sold separately.



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# KICHLER OUTDOOR LANTERNS

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ASHLAND BAY



ATWOOD

## OUTDOOR POST LIGHTS



CATERHAM



COURTYARD



HALLERON



HAYMAN BAY



MADISON



PALLERTON WAY



SALISBURY



SORIA



SOUTH HOPE



TOLERAND



WISCOMBE PARK

## OUTDOOR COACH LIGHTS



ALAMEDA



ASHLAND BAY



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



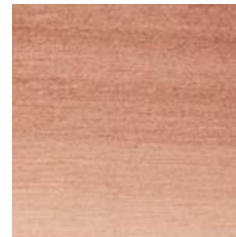
**BK/BKT**  
Black



**BN**  
Brushed Nickel



**CBR**  
Cast Brass



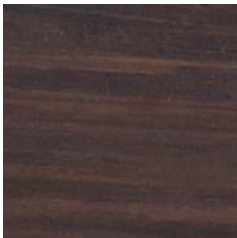
**CO**  
Copper



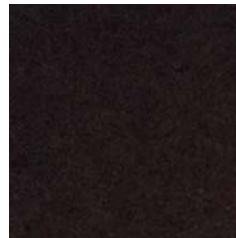
**CW**  
Crimson Wood



**GRY**  
Gray



**OB**  
Olde Brick



**OZ**  
Olde Bronze



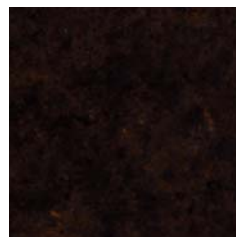
**SD**  
Sand



**SS**  
Stainless Steel



**TZG**  
Tannery Bronze



**TZT**  
Tannery Bronze with  
Gold Accents



**WHT**  
Textured White





15810 LED Path-3000K



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