KICHLER.

LANDSCAPE LIGHTING

Designed to enhance your reputation

For more than 25 years we've made it our commitment to continually offer one of the most comprehensive professional landscape lighting lines in the industry: one that's built for design flexibility, superior efficiency and rock-solid performance. You can install a system that's exactly what you and your clients want from day one – for a landscape lighting effect that's beautiful, capturing and functional for years to come.

12V Lighting

TECHNIQUES & LIFESTYLE

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120V Lighting

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200

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LIFESTYLE

12V INTEGRATED LED
Kichler Technology

When we first entered the landscape lighting category more than 25 years ago, we had a simple goal: make things better.

Today, that history of innovation still drives everything we do. It's why Kichler® offers one of the largest landscape lighting portfolios on the market. This commitment to innovation means you never have to compromise on performance, design, quality or dependability. You can always trust you're getting the latest and best LED technologies available and backed by one of the finest warranties in the industry.

We invite you to explore all of the products we have to offer, including our high-performance integrated LED fixtures and our newest and most advanced technology: Variable Lumen Output (VLO). We think you'll agree, our integrated LED options assure you get the best in custom optics and light output, for the utmost in design versatility and flexibility.

	12V LED Accent Light Solutions		
	12V Integrated LED Accent with VLO	**12V Integrated LED Accent**	**12V LED Lamp and Fixture**
Design	Integrated LED fully potted and sealed for protection of electrical components to ensure optimal all-weather performance	Integrated LED fully potted and sealed for protection of electrical components to ensure optimal all-weather performance	Unsealed separate fixture with accessible/upgradeable lamp options
LED Style	Single high output chip-on-board or discrete LEDs provide single focal point	Multiple discrete LEDs	Multiple discrete LEDs
Beam Quality & Uniformity	Optimal center-to-edge uniformity	Optimal center-to-edge uniformity	Standard center-to-edge uniformity
Light Output	Custom optics that provide 100% light output and no cut-off	100% light output and no cut-off	Cowls and lenses may alter beam spread and decrease lumen output
Stated Lifetime (L70)	50K hours (based on 5 hours of use a day)	40K hours (based on 5 hours of use a day)	30K hours (based on 5 hours of use a day)
Adjustable Lumen Output	Yes	No	No
Surge Protection	6kV protection	4kV protection	None
Warranty	15 years	10 years	6 years

Visit www.Kichler.com/Warranty for full warranty and limitations.

Lighting Design Tips

The color of your light sets the tone.

Did you know that not all white light is created equal? Many of our integrated LED fixtures and LED retrofit 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)

BRIGHT WHITE - 4000K–4200K

- Ultra contemporary homes and structures
- Commercial applications
- 120V–277V only

Beam spreads...focus light where it's needed.

Kichler® integrated LED fixtures are available in a variety of beam spreads that allow your lighting professional to tailor the light to your specific application – creating the perfect end effect you desire.

10°/15°
Beam Spread

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

35°
Beam Spread
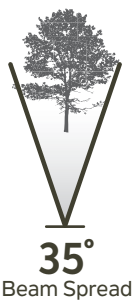
Medium height and width beam of light suited for general accent lighting.

60°
Beam Spread
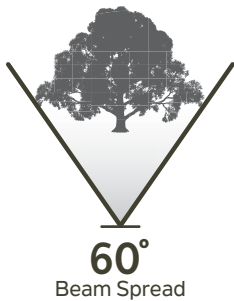
Short and wide beam of light useful for broad trees and wide structures.

120°
Beam Spread

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

Our commitment to quality goes beyond product.

With professional landscape lighting projects, there's no room for do-overs. That's why we don't just think of ways to make our products better; we look for ways to make your entire Kichler® experience superior.

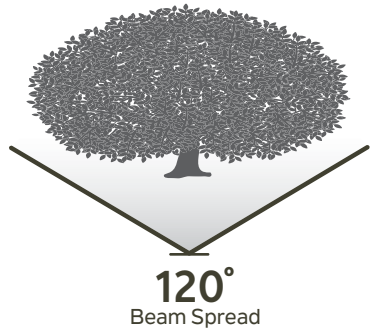- Our exclusive **Advanced Product Solutions (APS) and Layout Team** is a free service that can answer your installation questions or assist with property designs and layouts.
- Every product we offer is competitively priced and backed by our domestic network of sales and service.
- Our inventory levels allow us to fill orders within 24 hours: when your installation crews need the product most.

Our Advanced Product Solutions and Layout Team employees average 14+ years with Kichler, giving them a level of pride and professionalism that you can count on at every turn. Our entire team is also Certified Low Voltage Lighting Technician (CLVLT) certified.

Landscape lighting products used in the image above:

Front yard: LED Accent with VLO 16016AZT27, LED In-Ground Light 16032BBR27, LED Path Shallow Shade 15806BKT27

Accent Lighting
with VLO

In-Ground Lighting
with LED

LAYOUT DESIGN SERVICES
Get to solutions faster & increase sales.

From answering questions to creating detailed layouts to delivering a full bill of materials – Kichler's Advanced Product Support Team is your link to getting the job done. This FREE service takes the guesswork out of any lighting need you have: determining the scope of materials required, installing a product correctly, even creating a full wiring and product layout.

Contact us at **layouts@kichler.com** and we'll get you started:

1 Email us a completed Design Request Form (available at **Kichler.com/APS**) along with any drawings or pictures related to the project.

2 We'll create a bill of materials (BOM) and email it back to you that same day (for all requests received by 3:00 pm EST).

3 Once you confirm the BOM and pricing, we'll return a completed layout design **within 48 hours or less**.
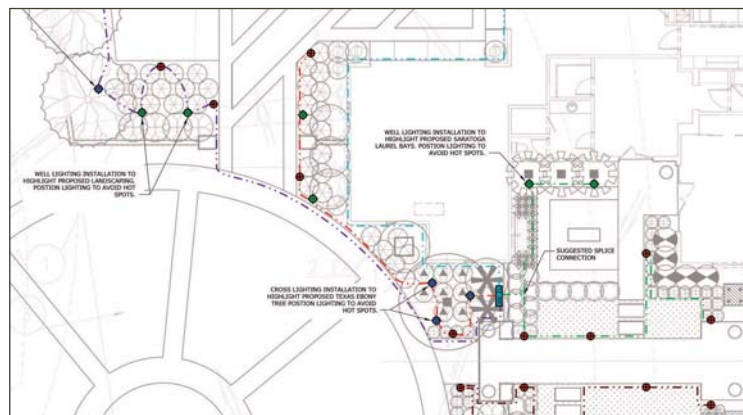
Landscape | Lighting Systems

ADVANCED PRODUCT SUPPORT
No question is too complex.

Installation issue? Building code question? Regulatory stumper? If you've got a challenging question – we've got you covered. Our Advanced Product Support Team receives additional classroom and in-field training on all Kichler products, so you can get your question answered quickly. To take advantage of this free service, call our dedicated Advanced Product Support line at **844-KICHLER (844-542-4537)** or email **techsupport@kichler.com**.

INTERIOR | EXTERIOR | FANS | LANDSCAPE | LIGHTING SYSTEMS

Lighting Techniques

Wall-Wash Lighting

Directs the eye to the textures, shapes and/or height differences of items in beds, adding depth and ambiance.

Recommended fixtures: 12V LED Accent with VLO 16017 & 16020. Also 120V-277V C-Series 16210-16211, 16213-16214, 16218-16225.

Cross Lighting

Using two beams of light, it creates 360-degree visual interest on large trees, statues or other tall features.

Recommended fixtures: 12V LED Accent with VLO 16015-16016, 16018-16019. Also 120V-277V C-Series 16209-16210, 16212-16213, 16215-16216, 16218-16219.

Get the most out of a project with these professional landscape lighting techniques.

Accent Uplighting

Shines light upward to illuminate an object or surface for dramatic, attention-getting visuals.

Recommended fixtures: 12V LED Accent with VLO 16015-16020. Also 120V-277V C-Series 16209-16220.

Grazing

Adds depth and dimension to stucco, brick, stonework or architectural features of a home or building.

Recommended fixtures: 12V LED Accent with VLO 16017 & 16020. Also 120V-277V C-Series 16210-16211, 16213-16214, 16218-16225.

Lighting Techniques

Shadowing

A technique that projects the look of a tree or yard art onto a surface behind the object.

Recommended fixtures: 12V LED Accent with VLO 16015-16020. Also 120V-277V C-Series 16209-16220.

Silhouette Lighting

Draw attention to an interesting shape by lighting a vertical surface behind the object to accent that unique shape.

Recommended fixtures: 12V LED Accent with VLO 16015-16020. Also 120V-277V C-Series 16209-16220.

Mirror Lighting

Create dream-like water scenes by strategically lighting background areas around bodies of water that reflect the landscape off of the water.

Recommended fixtures: 12V LED Accent with VLO 16015-16020. Also 120V-277V C-Series 16209-16220.

Moon Lighting

Placing a lower lumen fixture high in a tree catches the details of branches and leaves, emulating the look of moonlight.

Recommended fixtures: 12V LED Accent with VLO 16016-16017, 16019-16020. Also 120V-277V C-Series 16210-16211, 16213-16214, 16218-16225.

Lighting Techniques

In-Ground Lighting

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

Recommended fixtures: 12V LED In-Ground 16030-16038.

Underwater & Water Accent Lighting

Enhance and highlight flowing water in waterfalls, streams and fountains. Create a magical mirroring effect on still waters.

Recommended fixture: 12V LED Water Accent 15711SS.

Flagpole Lighting

Two to three directional accent lights are often needed to properly illuminate the pole and the entire flag. Use the pole height and flag size to determine the right 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 flagpole in low-voltage (12V) residential applications. For large residential, commercial and line voltage applications (120V), 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.

Pole Height	Typical Flag Size	# of Fixtures	Lamp Wattage	Beam Spread	12V LED Option	120V LED Option
12' – 20'	3' x 5'	2	20W	NSP 10° to 15°	16015 (Level 2)	--
25'	4' x 6'	2	35W	NSP 10° to 15°	16015 (Level 3)	16209
30'	5' x 8'	2	35W	NSP 10° to 15°	16018 (Level 1)	16209
35'	6' x 10'	3	35W	NSP 10° to 15°	16018 (Level 1)	16209
35' +	10' +	3	50W	NSP 10° to 15°	16018 (Level 2 or 3)	16212

Xeriscape Lighting

Cacti, grasses and the stone used in xeriscape designs can benefit from a lower lumen illumination than traditional landscaping.
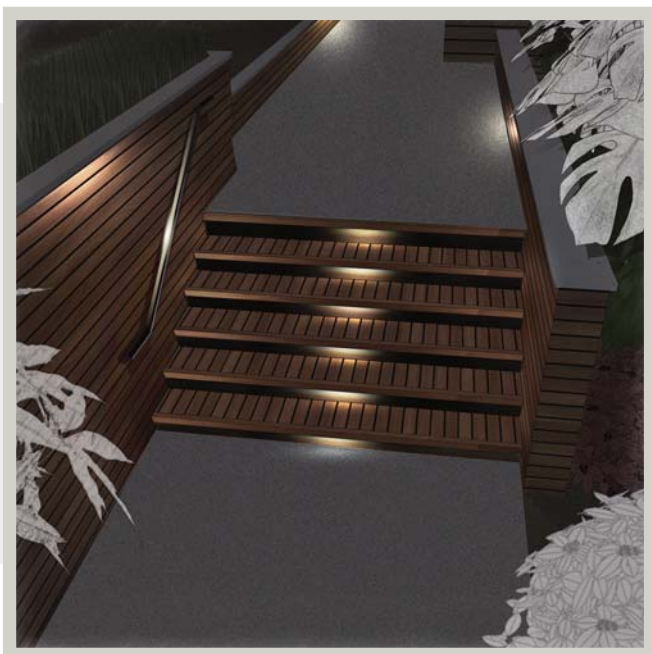
Recommended fixtures: 2700K fixtures, 12V LED Path 15811, 12V LED Accent with VLO 16015-16017.

Lighting Techniques

Path & Spread Lighting

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

Recommended fixtures: 12V LED Path Fundamentals 16120, Llena 15820 or Dome 15810.

Hardscape Lighting

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

Recommended fixture: 12V 3 LED Fixture 15745.

Deck & Patio Lighting

Accentuate all of the beauty and details of decks, patios, outdoor kitchens, steps, handrails and more.

Recommended fixtures: 12V LED Half Moon 15764 (top) and 12V LED Brick Light 15773 (bottom).
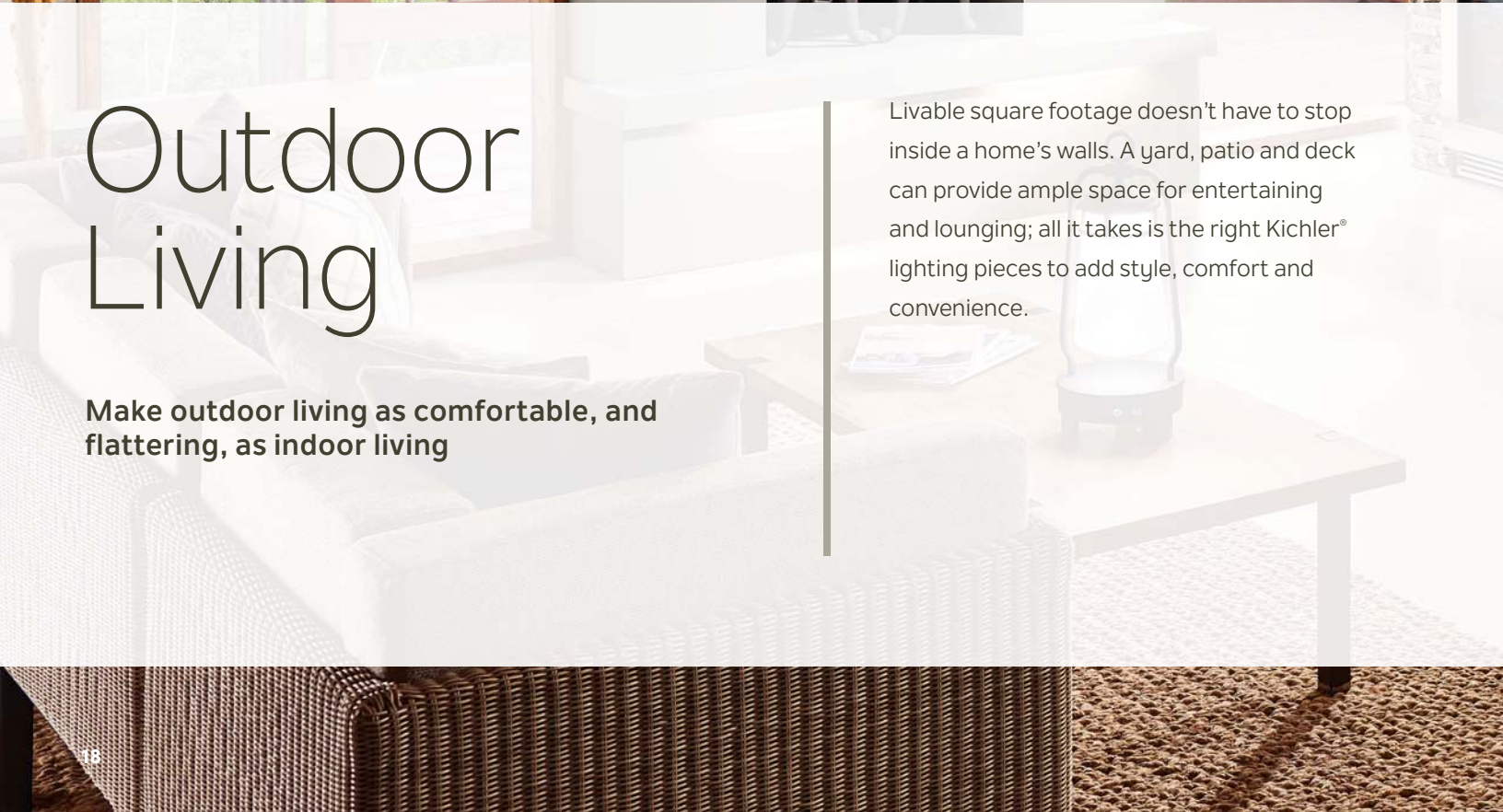
Outdoor Living

Make outdoor living as comfortable, and flattering, as indoor living

Livable square footage doesn't have to stop inside a home's walls. A yard, patio and deck can provide ample space for entertaining and lounging; all it takes is the right Kichler® lighting pieces to add style, comfort and convenience.

1

Arrange pendant fixtures in clusters - for a stylish statement and ambient light.

Argyle
Outdoor Pendant
(49747 WZC)

2

Outdoor ceiling fans bring light and added temperature control to sitting areas.

Rana™ LED Ceiling Fan
60"
(310155 NI)

3

The right hardscape lighting helps guide guests at night. Choose small ...

LED Hardscape Lighting
3 LED
(15745 BBR27)

Bring it all together.

Bring life to outdoor spaces after dark with the right combination of lighting pieces.

Get the look shown here by incorporating integrated LED landscape lighting fixtures along with Kichler® decorative options designed for outdoor use. Homeowners get a beautiful and functional space they can use 24/7; you get a project that shows your design sensibility.

... or large fixtures to match the space.

LED Hardscape Lighting
9 LED
(15756 GRY27)

A built-in Bluetooth® speaker allows homeowners to wirelessly add music to gatherings.

Lyndon™ LED
Portable Lantern
(49500 BKTLED)

Select Kichler integrated fixtures allow you to adjust the light output easily, for long-term flexibility.

LED Accent Light
with VLO
(16016 AZT27)

12V Lighting

Kichler® low-voltage lighting solutions are designed to work together for a complete professional landscape lighting system. Our integrated LED systems feature options for a variety of lighting techniques, surfaces and needs – including in-ground, accent, hardscape and more – to create a total lighting solution for residential spaces.

12V Accent

Integrated LED

Accent trees, create silhouettes and illuminate dramatic features with our most versatile fixtures. Our newest options feature Variable Lumen Output (VLO) technology – allowing you to get three lumen choices, from one fixture, for incredible flexibility in the field.

12V INTEGRATED LED
Accent Lights with VLO

Kichler® is once again rewriting the rules for integrated LED flexibility and reliability with the new 12V LED Accent Light with Variable Lumen Output (VLO). VLO technology allows you to easily switch between three lumen outputs without mechanically adjusting the settings on the fixture — eliminating the increased failure risk or long-term reliability concerns associated with a mechanical adjustment.
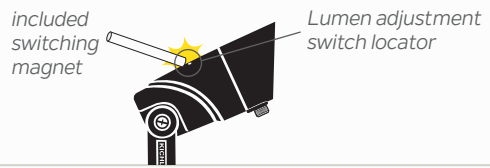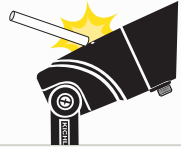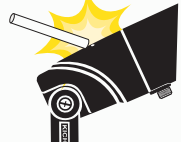
Our Finest Integrated LED Technology

Custom optics
assures no halos or scallops, just superb center-to-edge uniformity for clean, clear light.

The switch
is fully protected from moisture by being potted on board the driver.

Integrated, fully sealed
and encapsulated fixtures keep all critical components protected against the outdoor elements.

9-15 volt
operating range to assure consistent light output throughtout a run.

6,000 volt surge protection
guards against power irregularities that can be a hazard to LED landscape lighting.

Backed by Kichler's industry-leading 15-year warranty.
For details, visit Kichler.com/Warranty

VLO makes it easier than ever to design, install and service landscape lighting.

• Create more customized landscape designs while carrying less fixtures in your inventory.

• Quickly adjust the lighting design during the initial installation for the right amount of light output — or years down the road as the landscape application needs changed.

• Two discrete sized fixture platforms give all the lumen options you need without the bulk.

Incredibly easy to adjust.

Each fixture is conveniently factory-set at the most popular lumen level for maximum efficiency. To change, simply hold the included magnet over the lumen adjustment locator to begin the programming mode. The fixture will flash continuously four times and go dark before blinking to indicate which lumen level is currently programmed. Programming begins from the factory setting and adjusts up in lumens (Level 1 for Large Accent, Level 2 for Small Accent).

VLO Adjustment Settings			Small Accent	Large Accent
Level 1	1: Flashes once	included switching magnet — Lumen adjustment switch locator	100 lm	***400 lm**
Level 2	2: Flashes twice		***200 lm**	600 lm
Level 3	3: Flashes three times		300 lm	835 lm

*Factory setting

(VLO) Variable Lumen Output

Level 1   Level 2   Level 3

12V LED Small Accent

Level 1	**100 Lumens** (shown: 16016 Small Accent, 35° Flood, 2W, 3000K)
Level 2*	**200 Lumens** (shown: 16016 Small Accent, 35° Flood, 3.5W, 3000K) **Factory setting*
Level 3	**300 Lumens** (shown: 16016 Small Accent, 35° Flood, 5.5W, 3000K)

12V LED Large Accent

Level 1*	**400 Lumens** (shown: 16019 Large Accent, 35° Flood, 6W, 3000K) **Factory setting*
Level 2	**600 Lumens** (shown: 16019 Large Accent, 35° Flood, 11W, 3000K)
Level 3	**835 Lumens** (shown: 16019 Large Accent, 35° Flood, 16W, 3000K)

Note: Beam width/cut-off is dependent on how close the fixture is to the object.
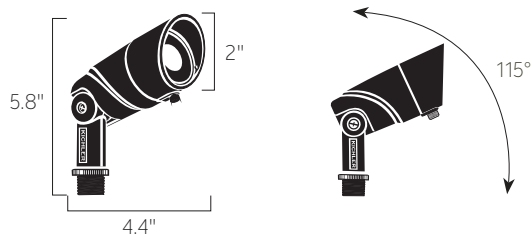Lumen levels are the same for 2700K and 3000K.

Accent with VLO

Integrated LED Small/Large

Small Accent with Variable Lumen Output

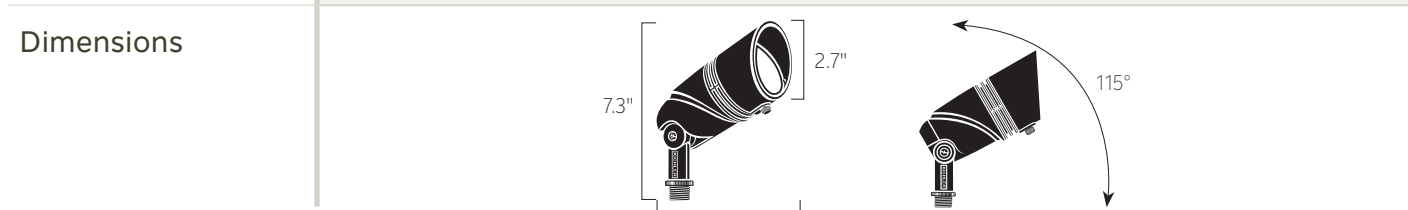| Finishes	AZT (shown), BKT, CBR, WHT (16016 only)		Additional Finishes
Color Temperature	2700K - Warm White	3000K - Pure White	
Item Number by Beam Spread and Finish	**15° Spot** **16015** AZT27, **16015** BKT27, **16015** CBR27 **35° Flood** **16016** AZT27, **16016** BKT27, **16016** CBR27, **16016** WHT27 **60° Wide Flood** **16017** AZT27, **16017** BKT27, **16017** CBR27	**15° Spot** **16015** AZT30, **16015** BKT30, **16015** CBR30 **35° Flood** **16016** AZT30, **16016** BKT30, **16016** CBR30, **16016** WHT30 **60° Wide Flood** **16017** AZT30, **16017** BKT30, **16017** CBR30	**BKT** **CBR** **WHT** (35° only)
Housing	Cast Aluminum or Cast Brass (CBR)		
Wattage/VA, Delivered Lumens & Efficacy	**Level 1** = 2W/3.5VA, 100 lm, 50 lm/W **Level 2** = 3.5W/5.5VA, 200 lm, 57 lm/W **Level 3** = 5.5W/7.5VA, 300 lm, 55 lm/W	**Factory set at Level 2 (200 lm/20W Equivalent)** *Lumen levels are the same for 2700K and 3000K*	
CRI	80+	80+	
Voltage Range	9V-15V AC/DC with no loss in light output. 6kV (6000 volt protection) built on board of driver.		
Light Source	1 integrated high-output LED with 3-step binning for color consistency. Custom reflector optics. Tested to a Lumen Maintenance L70 of 50,000 hrs.		
Wiring	48" of usable #18-2, SPT-1W leads		
Notes	Replaces the equivalent of a 10W Halogen (Level 1), 20W Halogen (Level 2) and 30-35W Halogen (Level 3). Includes 8" slotted in-ground stake, 2 gel-filled wire nuts and lumen switching magnetic key. Brass will naturally patina over time. White is only available in 35° Flood.		
Accessories	**Cowls & Lenses:** Long Cowl, 360 Degree Cowl, Hexcell Louver, Lenses: Red, Amber, Green Foliage, Holiday Green and Frosted	**Mounting:** Surface Mounting Flange, 3" Round Mounting Base (CBR), Surface Mounting Bracket, Junction Box Mounting Bracket, 90° Elbows, Stem Coupler, Stems, Two Fixture Mount (CBR) *Accessories start on page 172.*	
Dimensions			

5.8" 2" 4.4" 115°

Large Accent with Variable Lumen Output

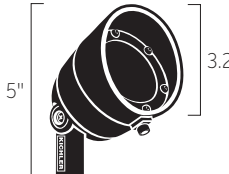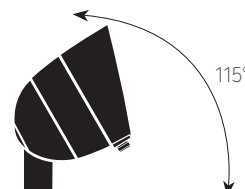| Finishes	BKT (shown), AZT, CBR, WHT (16019 only)		Additional Finishes
Color Temperature	2700K - Warm White	3000K - Pure White	
Item Number by Beam Spread and Finish	**15° Spot** 16018 AZT27, **16018** BKT27, **16018** CBR27 **35° Flood** 16019 AZT27, **16019** BKT27, **16019** CBR27, **16019** WHT27 **60° Wide Flood** 16020 AZT27, **16020** BKT27, **16020** CBR27	**15° Spot** 16018 AZT30, **16018** BKT30, **16018** CBR30 **35° Flood** 16019 AZT30, **16019** BKT30, **16019** CBR30, **16019** WHT30 **60° Wide Flood** 16020 AZT30, **16020** BKT30, **16020** CBR30	AZT CBR WHT (35° only)
Housing	Cast Aluminum or Cast Brass (CBR)		
Wattage/VA, Delivered Lumens & Efficacy	**Level 1** = 5.25W/8.5VA, 400 lm, 76 lm/W **Level 2** = 8.5W/12.5VA, 600 lm, 70 lm/W **Level 3** = 12W/17VA, 835 lm, 69 lm/W	**Factory set at Level 1 (400 lm/35W Equivalent)** *Lumen levels are the same for 2700K and 3000K*	
CRI	80+	80+	
Voltage Range	9V-15V AC/DC with no loss in light output. 6kV (6000 volt protection) built on board of driver		
Light Source	1 integrated high-output chip-on-board LED with 3-step binning for color consistency. Custom T.I.R. (Total Internal Reflection) lens optics. Tested to a Lumen Maintenance L70 of 50,000 hrs.		
Wiring	48" of usable #18-2, SPT-1W leads		
Notes	Replaces the equivalent of a 35-40W Halogen (Level 1), 50W Halogen (Level 2) and 75W Halogen (Level 3). Includes 8" slotted in-ground stake, 2 gel-filled wire nuts and lumen switching magnetic key. Brass will naturally patina over time. White is only available in 35° Flood.		
Accessories	**Cowls & Lenses:** Long Cowl, 360 Degree Cowl, Hexcell Louver, Lenses: Red, Amber, Green Foliage, Holiday Green and Frosted	**Mounting:** Surface Mounting Flange, 3" Round Mounting Base (CBR), Surface Mounting Bracket, Junction Box Mounting Bracket, 90° Elbows, Stem Coupler, Stems, Two Fixture Mount (CBR) *Accessories start on page 172.*	
Dimensions			

7.3" 2.7" 6" 115°

Accent

Integrated LED

LED Accent - 2.5W

Finishes	CBR (shown), AZT, BKT		Additional Finishes
Color Temperature	2700K - Warm White	3000K - Pure White	
Item Number by Beam Spread and Finish	**10° Spot** **16150** AZT27, **16150** BKT27, **16150** CBR27 **35° Flood** **16151** AZT27, **16151** BKT27, **16151** CBR27 **60° Wide Flood** **16152** AZT27, **16152** BKT27, **16152** CBR27	**10° Spot** **16150** AZT30, **16150** BKT30, **16150** CBR30 **35° Flood** **16151** AZT30, **16151** BKT30, **16151** CBR30 **60° Wide Flood** **16152** AZT30, **16152** BKT30, **16152** CBR30	**AZT** **BKT**
Housing	Cast Aluminum or Cast Brass (CBR)		
Wattage/VA, Delivered Lumens & Efficacy	2.5W, 3.5VA	200 lm, 80 lm/W	*Lumen levels are the same for 2700K and 3000K*
CRI	80+		
Voltage Range	9V-15V AC/DC with no loss in light output. 4kV (4000 volt protection).		
Light Source	3 integrated high-output LEDs with 3-step binning for color consistency. Custom T.I.R. (Total Internal Reflection) acrylic Lens. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Wiring	48" of usable #18-2, SPT-1W leads		
Notes	Replaces the equivalent of a 20W Halogen. Includes 8" slotted in-ground stake and 2 gel-filled wire nuts. Brass will naturally patina over time.		
Accessories	**Mounting:** **15601** Surface Mounting Flange **15607** Surface Mounting Bracket **15609** Junction Box Mounting Bracket **15647, 15514** 90° Elbow **15649** Stem Coupler **15645, 15656, 15657, 15658, 15570** Stems **15509, 15510, 15511, 15512, 15513** Stems (CBR) **15515** Two Fixture Mount (CBR)	**15493** Round Mounting Base (CBR) **Cowls & Lenses:** **16074** Long Cowl **15875 AMB** Amber Lens **15875 HGRN** Holiday Green Lens **15875 RD** Red Lens **15885 GRN** Green Foliage Lens **15895 FRO** Frosted Lens	
Dimensions	5" 3.2" 4"	115°	

LED Accent - 3.5W

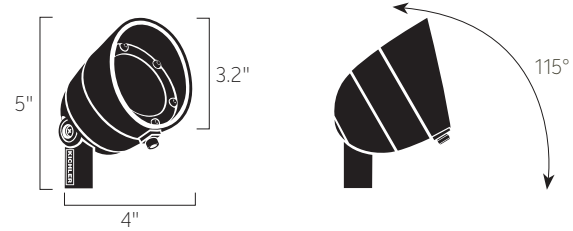| Finishes	BKT (shown), AZT, CBR		Additional Finishes
Color Temperature	2700K - Warm White	3000K - Pure White	
Item Number by Beam Spread and Finish	**10° Spot** 16153 AZT27, 16153 BKT27, 16153 CBR27 **35° Flood** 16154 AZT27, 16154 BKT27, 16154 CBR27 **60° Wide Flood** 16155 AZT27, 16155 BKT27, 16155 CBR27	**10° Spot** 16153 AZT30, 16153 BKT30, 16153 CBR30 **35° Flood** 16154 AZT30, 16154 BKT30, 16154 CBR30 **60° Wide Flood** 16155 AZT30, 16155 BKT30, 16155 CBR30	AZT CBR
Housing	Cast Aluminum or Cast Brass (CBR)		
Wattage/VA, Delivered Lumens & Efficacy	3.5W, 5.25VA	300 lm, 86 lm/W *Lumen levels are the same for 2700K and 3000K*	
CRI	80+		
Voltage Range	9V-15V AC/DC with no loss in light output. 4kV (4000 volt protection).		
Light Source	6 integrated high-output LEDs with 3-step binning for color consistency. Custom T.I.R. (Total Internal Reflection) acrylic lens. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Wiring	48" of usable #18-2, SPT-1W leads		
Notes	Replaces the equivalent of a 35W Halogen. Includes 8" slotted in-ground stake and 2 gel-filled wire nuts. Brass will naturally patina over time.		
Accessories	**Mounting:** 15601 Surface Mounting Flange 15607 Surface Mounting Bracket 15609 Junction Box Mounting Bracket 15647, 15514 90° Elbow 15649 Stem Coupler 15645, 15656, 15657, 15658, 15570 Stems 15509, 15510, 15511, 15512, 15513 Stems (CBR) 15515 Two Fixture Mount (CBR)	15493 Round Mounting Base (CBR) **Cowls & Lenses:** 16074 Long Cowl 15875 AMB Amber Lens 15875 HGRN Holiday Green Lens 15875 RD Red Lens 15885 GRN Green Foliage Lens 15895 FRO Frosted Lens	
Dimensions	5" 3.2" 4"	115°	

Accent

Integrated LED

LED Accent - 7W

Finishes	AZT (shown), BKT, CBR		Additional Finishes
Color Temperature	2700K - Warm White	3000K - Pure White	
Item Number by Beam Spread and Finish	**10° Spot** **16156** AZT27, **16156** BKT27, **16156** CBR27 **35° Flood** **16157** AZT27, **16157** BKT27, **16157** CBR27 **60° Wide Flood** **16158** AZT27, **16158** BKT27, **16158** CBR27	**10° Spot** **16156** AZT30, **16156** BKT30, **16156** CBR30 **35° Flood** **16157** AZT30, **16157** BKT30, **16157** CBR30 **60° Wide Flood** **16158** AZT30, **16158** BKT30, **16158** CBR30	 **BKT** **CBR**
Housing	Cast Aluminum or Cast Brass (CBR)		
Wattage/VA, Delivered Lumens & Efficacy	7W, 10VA	500 lm, 71 lm/W _Lumen levels are the same for 2700K and 3000K_	
CRI	80+		
Voltage Range	9V-15V AC/DC with no loss in light output. 4kV (4000 volt protection).		
Light Source	6 integrated high-output LEDs with 3-step binning for color consistency. Custom T.I.R. (Total Internal Reflection) acrylic lens. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Wiring	48" of usable #18-2, SPT-1W leads		
Notes	Replaces the equivalent of a 50W Halogen. Includes 8" slotted in-ground stake and 2 gel-filled wire nuts. Brass will naturally patina over time.		
Accessories	**Mounting:** **15601** Surface Mounting Flange **15607** Surface Mounting Bracket **15609** Junction Box Mounting Bracket **15647, 15514** 90° Elbow **15649** Stem Coupler **15645, 15656, 15657, 15658, 15570** Stems **15509, 15510, 15511, 15512, 15513** Stems (CBR) **15515** Two Fixture Mount (CBR)	**15493** Round Mounting Base (CBR) **Cowls & Lenses:** **16074** Long Cowl **15875 AMB** Amber Lens **15875 HGRN** Holiday Green Lens **15875 RD** Red Lens **15885 GRN** Green Foliage Lens **15895 FRO** Frosted Lens	
Dimensions			

	Wall Wash		Available Finishes	Wall Wash Accent		Available Finishes
Finishes	**BBR** (shown), AZT, BKT		Available Finishes	**BBR** (shown), AZT, BKT		Available Finishes
Color Temperature	2700K – Warm White	3000K – Pure White		2700K – Warm White	3000K – Pure White	
Item Number and Finish	**16070** AZT27R **16070** BBR27R **16070** BKT27R	**16070** AZT30R **16070** BBR30R **16070** BKT30R	**AZT**	**15861** AZT27R **15861** BBR27R **15861** BKT27R	**15861** AZT30R **15861** BBR30R **15861** BKT30R	**AZT**
Housing	Cast Aluminum or Cast Brass (BBR)			Cast Aluminum or Cast Brass (BBR)		
Power Usage at 12V AC Input, VA and Watts	4.3W, 5.8VA			4.3W, 5.8VA		
Color Temp. & CRI	2700K 80+	3000K 80+	**BKT**	2700K 80+	3000K 80+	**BKT**
Voltage Range	9V–15V AC/DC with no loss in light output			9V–15V AC/DC with no loss in light output		
Light Source	8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.			8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
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	35" of usable #18-2, SPT-1W leads. Wire connectors supplied.			64" of usable #18-2, SPT-1W leads. Wire connectors supplied.		
Notes	Beam spread vertical of 80°, horizontal of 100°. Includes 8" slotted in-ground stake. Fully adjustable knuckle. Brass will naturally patina over time.			Beam spread vertical of 108°, horizontal of 111°. Includes 8" slotted in-ground stake. Fully adjustable knuckle. Brass will naturally patina over time.		
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket **15609** Junction Box Mounting Bracket **15647** 90° Elbow **15645, 15656, 15657, 15658, 15570** Stems			**15601** Surface Mounting Flange **15607** Surface Mounting Bracket **15647** 90° Elbow **15645, 15656, 15657, 15658, 15570** Stems		
Dimensions						

Photometrics

Distance from Wall	0'	.5'	1'	2'	3'	4'	5'		0'	.5'	1'	2'	3'	4'	5'
2'	47	39.4	16.2	1.3	.25	.22	.19		51.2	45.5	30	7.1	1.9	.68	.30
4'	12.5	12	10.8	5.1	1.8	.54	.17		12.9	12.9	11.8	7.9	4.2	1.6	.7

12V In-Ground

Integrated LED

Embed in driveways, walkways, patios and more—the incredibly durable construction is easy to install in any hardscaping material and is designed to weather the elements, car tires and foot traffic.
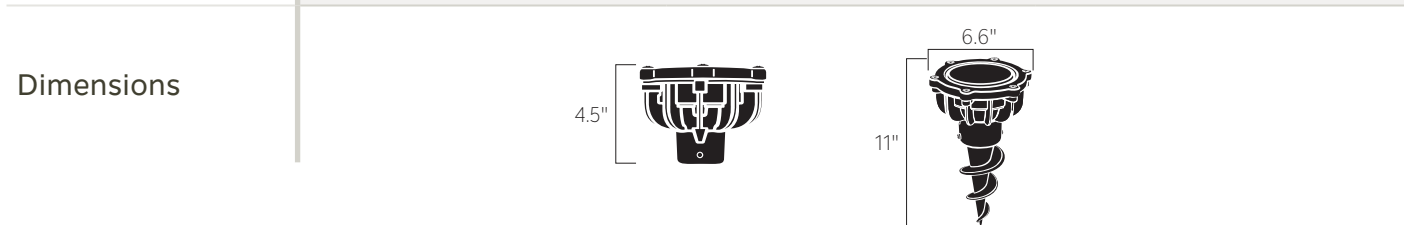
In-Ground

Integrated LED

	LED In-Ground – 4W		LED In-Ground – 6.5W		LED In-Ground – 14W	
Finishes	**BBR**		**BBR**		**BBR**	
Color Temperature	2700K - Warm White	3000K - Pure White	2700K - Warm White	3000K - Pure White	2700K - Warm White	3000K - Pure White
Item Number and Finish	**10° Spot** **16030** BBR27 **35° Flood** **16031** BBR27 **60° Wide Flood** **16032** BBR27	**10° Spot** **16030** BBR30 **35° Flood** **16031** BBR30 **60° Wide Flood** **16032** BBR30	**10° Spot** **16033** BBR27 **35° Flood** **16034** BBR27 **60° Wide Flood** **16035** BBR27	**10° Spot** **16033** BBR30 **35° Flood** **16034** BBR30 **60° Wide Flood** **16035** BBR30	**10° Spot** **16036** BBR27 **35° Flood** **16037** BBR27 **60° Wide Flood** **16038** BBR27	**10° Spot** **16036** BBR30 **35° Flood** **16037** BBR30 **60° Wide Flood** **16038** BBR30
Housing	Cast Brass					
Power Usage at 12V AC Input, VA and Watts	4W, 5.8VA		6.5W, 9.3VA		14W, 18.5VA	
CRI	80+					
Voltage Range	9V-15V AC/DC with no loss in light output					
Light Source	1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		5 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		5 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.	
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 3000K = 54 lm/W	2700K = 520 lm 2700K = 37 lm/W	3000K = 590 lm 3000K = 42 lm/W
Wiring	24" of usable #18-2, SPT-1W leads. Wire connectors supplied. Includes LVPC installed.					
Notes	Includes anti-heaving, auger-style in-ground stake. Drive-over and walk-over rated for 4500 lb. car or truck. Aimable up to 15° on the vertical. Compares to MR16 20W Halogen. Corrosion-free, all-brass construction. Brass will naturally patina over time.		Includes anti-heaving, auger-style in-ground stake. Drive-over and walk-over rated for 4500 lb. car or truck. Aimable up to 15° on the vertical. Compares to MR16 35W Halogen. Corrosion-free, all-brass construction. Brass will naturally patina over time.		Includes anti-heaving, auger-style in-ground stake. Drive-over and walk-over rated for 4500 lb. car or truck. Aimable up to 15° on the vertical. Compares to MR16 50W Halogen. Corrosion-free, all-brass construction. Brass will naturally patina over time.	
Accessories	**16501 BBRP** Concrete Kit. See page 176 for Rock Guard and Cowl options.					
Dimensions						

	LED Well Light – 4.5W		LED Well Light – 8.5W		LED Well Light – 12.4W	
Finishes	**BKT**		**BKT**		**BKT**	
Color Temperature	3000K - Pure White		3000K - Pure White		3000K - Pure White	
Item Number and Finish	**10° Spot** 15767 BKT **35° Flood** 15768 BKT	**60° Wide Flood** 15769 BKT	**10° Spot** 15728 BKT **35° Flood** 15747 BKT	**60° Wide Flood** 15748 BKT	**10° Spot** 15729 BKT **35° Flood** 15757 BKT	**60° Wide Flood** 15758 BKT
Housing	Cast Aluminum body with heavy-duty polypropylene sleeve and stainless steel gimble ring					
Power Usage at 12V AC Input, VA and Watts	4.5W, 7.5VA		8.5W, 12.2VA		12.4W, 16.7VA	
CRI	80+					
Voltage Range	9V-15V AC/DC with no loss in light output					
Light Source	3 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		6 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		9 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.	
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-1W leads. Cable connectors supplied.					
Notes	Reversible support sleeve to accommodate uplighting when flush mounting or angled lighting are desired in a semi-recessed application. Fully adjustable. Compares to MR16 20W Halogen.		Reversible support sleeve to accommodate uplighting when flush mounting or angled lighting are desired in a semi-recessed application. Fully adjustable. Compares to MR16 35W Halogen.		Reversible support sleeve to accommodate uplighting when flush mounting or angled lighting are desired in a semi-recessed application. Fully adjustable. Compares to MR16 50W Halogen.	
Accessories	**15787 BK** Rock Guard **15875 AMB** Amber Lens (4.5-8.5W), **15876 AMB** Amber Lens (12.4W) **15885 GRN** Green Foliage Lens (4.5-8.5W), **15886 GRN** Green Foliage Lens (12.4W) **15895 FRO** Frosted Lens (4.5-8.5W), **15896 FRO** Frosted Lens (12.4W)					
Dimensions	5.5" 8"		5.5" 8"		5.5" 8"	

12V Water Accent

Integrated LED

Heavy-weight construction is filled and sealed with two types of premium encapsulant to ensure the fixtures are completely watertight.

2-in-1 Water Accent

Integrated LED

	2-in-1 Water Accent		
Finishes	**SS**		
Color Temperature	2700K - Warm White	3000K - Pure White	4200K - Cool White
Item Number and Finish	**15711** SS27	**15711** SS	**15711** SS42
Housing	Stainless Steel housing with integrated cowl		
Power Usage at 12V AC Input VA and Watts	3.4W, 4.9VA		
Color Temp. & CRI	2700K, 80+	3000K, 80+	4200K, 80+
Voltage Range	9V-15V AC/DC with no loss in light output		
Light Source	1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 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	25' of usable #18-2, SPT-2W leads		
Notes	Custom reflector optics. Filled and sealed with two types of premium encapsulant to ensure fixture is completely watertight, 1/4-20 threaded mounting tap. Can also be used out of water as a mini accent light. Not recommended for use in salt water.		
Accessories	**15776 BK** Multi-fixture weighted base **15777 SS** Out-of-water bracket **15778 BK** Single fixture weighted base		
Dimensions	1.85"　1.275"　1.90"		

Photometrics

Distance from Source (ft.)	4'	8'	16'	24'	32'	40'
Illuminance (Foot-candles)	5.6	1.5	.4	.2	.1	.1
Beam Width (ft.)	3.3'	6.5'	13'	19.5'	26'	32.5'

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

Enhance and highlight flowing water in waterfalls, streams and fountains. Create a magical mirroring effect on still waters, like ponds and water features. This integrated LED accent light features a rugged construction sealed against the elements for full submersion applications. The stainless steel housing with integrated cowl stands up to harsh environments. With a 60-degree beam spread and choice of color temperatures, you're sure to find everyhing you need for your application. The Out of Water Bracket accessory creates even more application possibilities beyond water features.

15776 BK	15777 SS	15778 BK
Multi Fixture Weighted Base	**Out of Water Bracket**	**Single Fixture Weighted Base**
3.5W x 2.75H x 3.5L	1.5W x 1.44H x 2.5L	3.5W x 2.75H x 3.5L
Unique heavy weighted 3-pronged underwater accessory for 2 or 3 fixtures (sold separately) to give maximum flexibility and directional capability.	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.	Heavy weight 1-prong underwater light (sold separately) accessory for standard installations. Provides advanced directional capability.
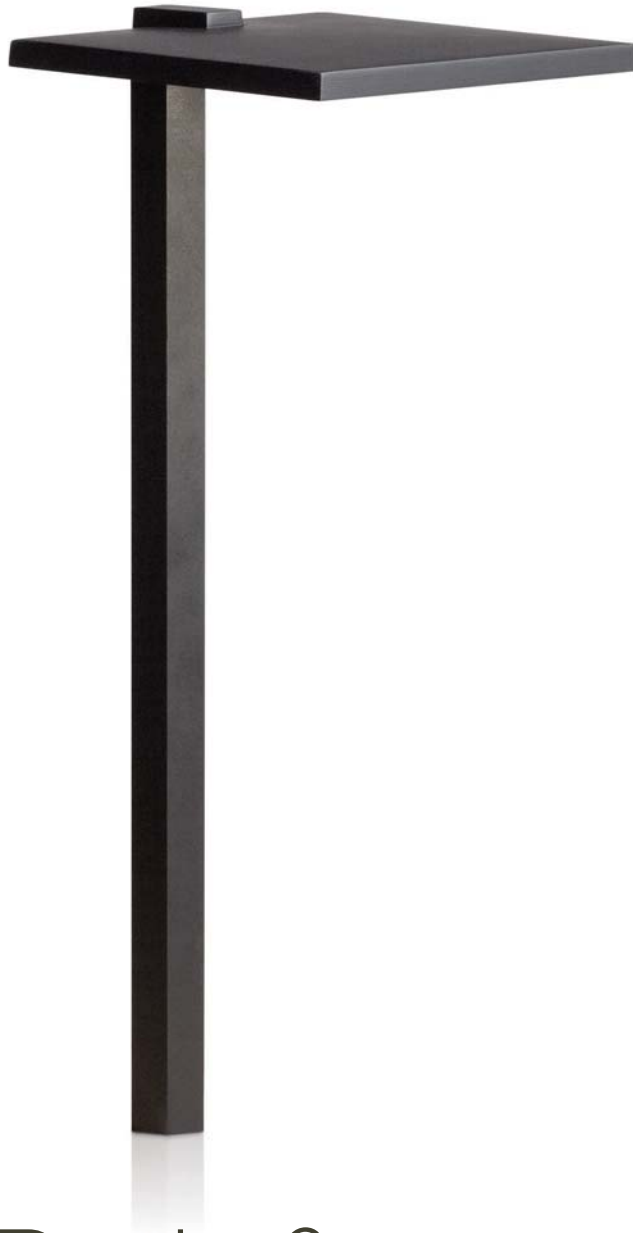
12V Path & Spread

Integrated LED

Decorative fixtures and finish options deliver architectural beauty for any home style, while adding essential light around walkways, entryways, patios and more.
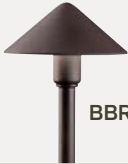
Path & Spread

12V Integrated LED

	Decorative Hammered Roof		Additional Finishes	Cast Hammered Roof		Additional Finishes
Finishes	**CO** (shown), TZT			**BBR** (shown), TZT		
Color Temperature	2700K - Warm White	3000K - Pure White		2700K - Warm White	3000K - Pure White	
Item Number and Finish	**15843** CO27 **15843** TZT27	**15843** CO **15843** TZT		**15871** BBR27 **15871** TZT27	**15871** BBR **15871** TZT	
Housing	Brass or Copper (CO)			Cast Aluminum or Cast Brass (BBR)		
Power Usage at 12V AC Input, VA and Watts	3.8W, 4.95VA		**TZT**	3.8W, 4.95VA		**TZT**
CRI	80+			80+		
Voltage Range	9-15V AC/DC with no loss in light output		**Coordinating Product**	9V-15V AC/DC with no loss in light output		**Coordinating Product**
Light Source	3 integrated high-output LEDs, 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		LED Deck Light **15763 TZT**, see page 64	3 integrated high-output LEDs, 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		LED Deck Light **15763 TZT**, see page 64
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-1W leads. Cable connectors supplied.			30" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes 8" slotted in-ground stake and features decorative light-leak pattern. Copper and brass will naturally patina over time. Incandescent version of fixture **15443** on page 138.			Includes 8" slotted in-ground stake and features decorative light-leak pattern. Incandescent version of fixture **15471** on page 138. Brass will naturally patina over time.		
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket					

Dimensions

8"

22"

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	10.9	5.8	2.3	1.0	.43	.25	.13	.06	.01

8"

22"

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	10.9	5.8	2.3	1.0	.43	.25	.13	.06	.01

	Fundamentals™		Additional Finishes	**Fundamentals™**		Additional Finishes
Finishes	**CO** (shown), TZT			**AZT** (shown), BKT, BBR		
Color Temperature	2700K – Warm White	3000K – Pure White		2700K – Warm White	3000K – Pure White	BKT
Item Number and Finish	**15839** CO27R **15839** TZT27R	**15839** CO30R **15839** TZT30R		**16120** AZT27 **16120** BBR27 **16120** BKT27	**16120** AZT30 **16120** BBR30 **16120** BKT30	
Housing	Brass, Copper (CO)		TZT	Cast Aluminum or Cast Brass (BBR)		BBR
Power Usage at 12V AC Input, VA and Watts	4.3W, 5.8VA			4.3W, 5.8VA		
CRI	80+			80+		
Voltage Range	9V–15V AC/DC with no loss in light output		Coordinating Product	9V–15V AC/DC with no loss in light output		Coordinating Product
Light Source	8 integrated high-output LEDs, 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		LED Deck Light **16110 CO**, see page 66	8 integrated high-output LEDs, 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		LED Deck Light **16110 AZT**, see page 66
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-1W leads. Cable connectors supplied.			30" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes 8" slotted in-ground stake. Copper and brass will naturally patina over time. Incandescent version of fixture **15439** on page 139. Included reflector can be removed if necessary.			Includes 8" slotted in-ground stake. Brass will naturally patina over time. Included reflector can be removed if necessary.		
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket			**FM127265** Hexcell Louver **FM128296BKT** Glare Guard Reflector		

Dimensions

6" / 21"

6" / 21"

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'		0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	62.5	27.5	5.6	1.4	.42	.18	.10	.06	.05		62.5	27.5	5.6	1.4	.42	.18	.10	.06	.05
FC with Included Reflector*	–	17.5	5.8	2.4	1.2	.8	.5	.3	.1		–	17.5	5.8	2.4	1.2	.8	.5	.3	.1

*Using optional black glare guard reflector (FM128289BKT) will slightly reduce the above. Reflectors can be flipped or inverted for even more glare control

Path & Spread

12V Integrated LED

	Copper Hat		Forged	
Finishes	**CO**		**AZT**	
Color Temperature	2700K - Warm White	3000K - Pure White	2700K - Warm White	3000K - Pure White
Item Number and Finish	**15850** CO27R	**15850** CO30R	**15803** AZT27R	**15803** AZT30R
Housing	Copper		Cast Aluminum	
Power Usage at 12V AC Input, VA and Watts	4.3W, 5.8VA		3.8W, 4.95VA	
CRI	80+		80+	
Voltage Range	9V–15V AC/DC with no loss in light output		9V–15V AC/DC with no loss in light output	
Light Source	8 integrated high-output LEDs, 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		3 integrated high-output LEDs, 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.	
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-1W leads. Cable connectors supplied.		24" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 8" slotted in-ground stake. Copper will naturally patina over time. Included reflector can be removed if necessary.		Includes 8" slotted in-ground stake and has a square stem.	
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket **FM127265** Hexcell Louver **FM128296BKT** Glare Guard Reflector		**15601** Surface Mounting Flange **15607** Surface Mounting Bracket	

Dimensions

6"
21.5"

8"
26.2"
1.25" Square Stem

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	62.5	27.5	5.6	1.4	.42	.18	.10	.06	.05
FC with Included Reflector*	-	17.5	5.8	2.4	1.2	.8	.5	.3	.1

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	6.8	5.8	2.5	.83	.17	.04	.02	.01	.01

*Using optional black glare guard reflector (FM128289BKT) will slightly reduce the above.

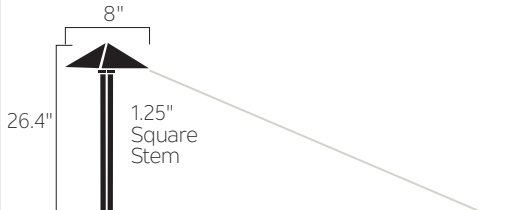Reflectors can be flipped or inverted for even more glare control

	Pyramid		Ripley™		Additional Finishes
Finishes	**TZT**		**BBR** (shown), AZT		
Color Temperature	2700K - Warm White	3000K - Pure White	2700K - Warm White	3000K - Pure White	
Item Number and Finish	**15802** TZT27R	**15802** TZT30R	**15800** AZT27R **15800** BBR27R	**15800** AZT30R **15800** BBR30R	
Housing	Cast Aluminum		Cast Aluminum or Cast Brass (BBR)		**AZT**
Power Usage at 12V AC Input, VA and Watts	3.8W, 4.95VA		4.3W, 5.8VA		
CRI	80+		80+		
Voltage Range	9V–15V AC/DC with no loss in light output		9V–15V AC/DC with no loss in light output		**Coordinating Product**
Light Source	3 integrated high-output LEDs, 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		8 integrated high-output LEDs, 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
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	Outdoor Wall Mount **49060 OZ**, see Kichler.com
Wiring	30" of usable #18-2, SPT-1W leads. Cable connectors supplied.		24" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes 8" slotted in-ground stake and has a square stem.		Includes 8" slotted in-ground stake and has a square stem. Brass will naturally patina over time.		
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket				

Dimensions

8"
26.4" 1.25" Square Stem

7.25"
25.5" .75" Square Stem

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	7.1	5.4	2.4	1	.44	.23	.14	.08	.08

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	61.9	53.5	11.96	2.47	1.04	.33	.22	.1	.08
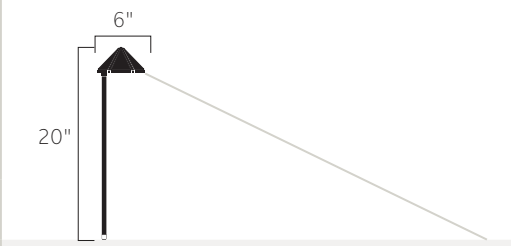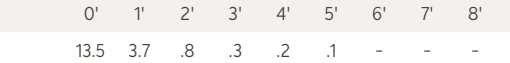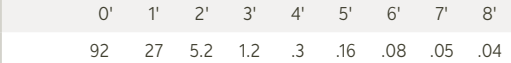
Path & Spread

12V Integrated LED

	Shallow Shade Small		Shallow Shade Large	
Finishes	**BKT**		**BKT**	
Color Temperature	2700K - Warm White	3000K - Pure White	2700K - Warm White	3000K - Pure White
Item Number and Finish	**15805** BKT27R	**15805** BKT30R	**15806** BKT27R	**15806** BKT30R
Housing	Cast Aluminum with cast bottom driver compartment		Cast Aluminum with cast bottom driver compartment	
Power Usage at 12V AC Input, VA and Watts	4W, 5.8VA		4W, 5.8VA	
CRI	80+		80+	
Voltage Range	9V-15V AC/DC with no loss in light output		9V-15V AC/DC with no loss in light output	
Light Source	3 integrated high-output LEDs, 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		3 integrated high-output LEDs, 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.	
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-1W leads. Cable connectors supplied.		30" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 8" slotted in-ground stake and has a square stem.		Includes 8" slotted in-ground stake and has a square stem.	
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket			

Dimensions

6"
23.8"

8"
23.9"

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	21.2	12.1	5.3	1.56	.55	.33	.11	.06	–

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	20.7	11.1	4.8	1.56	.55	.33	.11	.06	–
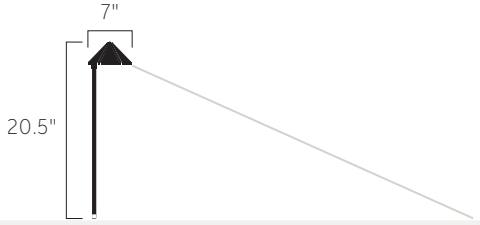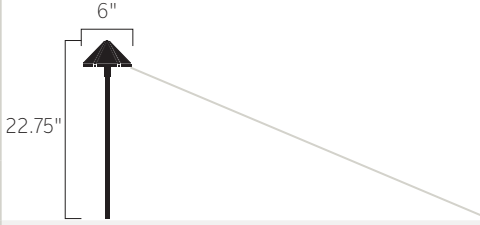
	Broad Roof		**Side Mount**		**Additional Finishes**
Finishes	**AZT**		**AZT** (shown), BKT		
Color Temperature	2700K - Warm White	3000K - Pure White	2700K - Warm White	3000K - Pure White	
Item Number and Finish	**15833** AZT27R	**15833** AZT30R	**15815** AZT27R **15815** BKT27R	**15815** AZT30R **15815** BKT30R	
Housing	Cast Aluminum with cast bottom driver compartment		Cast Aluminum		**BKT**
Power Usage at 12V AC Input, VA and Watts	4W, 5.8VA		4.3W, 5.8VA		
CRI	80+		80+		
Voltage Range	9V–15V AC/DC with no loss in light output		9V–15V AC/DC with no loss in light output		**Coordinating Product**
Light Source	3 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Delivered Lumens & Efficacy	2700K = 126 lm 2700K = 31 lm/W	3000K = 140 lm 3000K = 35 lm/W	2700K = 294 lm 2700K = 67 lm/W	3000K = 302 lm 3000K = 73 lm/W	LED Deck Light **15765**, see page 65
Wiring	30" of usable #18-2, SPT-1W leads. Cable connectors supplied.		52" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes 8" slotted in-ground stake		Includes 8" slotted in-ground stake		
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket				

Dimensions

8.25"
24"

6"
20"

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'		0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	13.5	3.7	.8	.3	.2	.1	-	-	-		92	27	5.2	1.2	.3	.16	.08	.05	.04

Path & Spread

12V Integrated LED

	Side Mount Cast Brass		Center Mount		Additional Finishes
Finishes	**BBR**		**BKT** (shown), AZT		
Color Temperature	2700K - Warm White	3000K - Pure White	2700K - Warm White	3000K - Pure White	
Item Number and Finish	**15827** BBR27R	**15827** BBR30R	**15826** AZT27R **15826** BKT27R	**15826** AZT30R **15826** BKT30R	
Housing	Cast Brass		Cast Aluminum		**AZT**
Power Usage at 12V AC Input, VA and Watts	4.3W, 5.8VA		4.3W, 5.8VA		
CRI	80+		80+		
Voltage Range	9V–15V AC/DC with no loss in light output	**Coordinating Product**	9V–15V AC/DC with no loss in light output		**Coordinating Product**
Light Source	8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
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	LED Deck Light **15765**, see page 65
		LED Deck Light **15765**, see page 65			
Wiring	53" of usable #18-2, SPT-1W leads. Cable connectors supplied.		50" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes 8" slotted in-ground stake. Brass will naturally patina over time.		Includes 8" slotted in-ground stake. Included reflector can be removed if necessary. Incandescent version of fixture **15326** on page 135.		
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket **15677CLR** Sprinkler Shield		**15601** Surface Mounting Flange **15607** Surface Mounting Bracket **FM127265** Hexcell Louver **FM128296BKT** Glare Guard Reflector		
Dimensions	7" / 20.5"		6" / 22.75"		

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'		0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	92	27	5.2	1.2	.3	.16	.08	.05	.04		66.5	30.3	6.2	1.4	.45	.17	.10	.06	.05
FC with Included Reflector*											–	17.5	5.8	2.4	1.2	.8	.5	.3	.1

*Using optional black glare guard reflector (FM128289BKT) will slightly reduce the above.

Reflectors can be flipped or inverted for even more glare control

	Glass & Metal		Additional Finishes	6" Dome		Additional Finishes
Finishes	**BN** (shown), AZT		Additional Finishes	**AZT** (shown), BBR, BKT		Additional Finishes
Color Temperature	2700K – Warm White	3000K – Pure White		2700K – Warm White	3000K – Pure White	
Item Number and Finish	**15817** AZT27R **15817** BN27R	**15817** AZT30R **15817** BN30R		**15870** AZT27R **15870** BBR27R **15870** BKT27R	**15870** AZT30R **15870** BBR30R **15870** BKT30R	**BBR**
Housing	Aluminum (AZT) or Brushed Nickel (BN), with glass diffuser			Cast Aluminum or Cast Brass (BBR)		
Power Usage at 12V AC Input, VA and Watts	4.3W, 5.8VA		**AZT**	4.3W, 5.8VA		**BKT**
CRI	80+			80+		
Voltage Range	9V–15V AC/DC with no loss in light output			9V–15V AC/DC with no loss in light output		**Coordinating Product**
Light Source	8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.			8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
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	LED Path Lights **15810 & 15811**, see page 52
Wiring	30" of usable #18-2, SPT-1W leads. Cable connectors supplied.			30" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes 8" slotted in-ground stake. Incandescent version of fixture **15317** on page 140.			Includes 8" slotted in-ground stake. Incandescent version of fixture **15470** on page 131. Brass will naturally patina over time. Included reflector can be removed if necessary.		
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket **FM127265** Hexcell Louver			**15601** Surface Mounting Flange **15607** Surface Mounting Bracket **FM127265** Hexcell Louver **FM128296BKT** Glare Guard Reflector		
Dimensions	7" 22"			6" 21.25"		

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	36.2	20	5.1	1.2	.3	.17	.08	.05	.03
FC with Included Reflector*									

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	62.5	27.5	5.6	1.4	.42	.18	.10	.06	.05
FC with Included Reflector*	–	17.5	5.8	2.4	1.2	.8	.5	.3	.1

*Using optional black glare guard reflector (FM128289BKT) will slightly reduce the above. Reflectors can be flipped or inverted for even more glare control
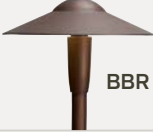
Path & Spread
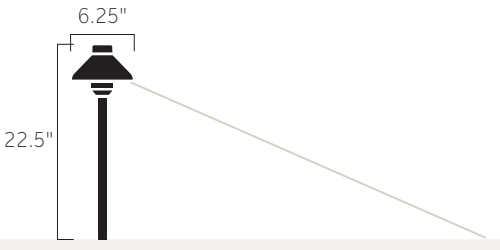
12V Integrated LED

	8" Dome			8" Dome Short Stem	
Finishes	**BKT** (shown), AZT, BBR		Additional Finishes	**AZT**	
Color Temperature	2700K - Warm White	3000K - Pure White		2700K - Warm White	3000K - Pure White
Item Number and Finish	**15810** AZT27R **15810** BBR27R **15810** BKT27R	**15810** AZT30R **15810** BBR30R **15810** BKT30R	AZT	**15811** AZT27R	**15811** AZT30R
Housing	Cast Aluminum or Cast Brass (BBR)			Cast Aluminum	
Power Usage at 12V AC Input, VA and Watts	4.3W, 5.8VA		BBR	4.3W, 5.8VA	
CRI	80+			80+	
Voltage Range	9V-15V AC/DC with no loss in light output		Coordinating Product	9V-15V AC/DC with no loss in light output	Coordinating Product
Light Source	8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		LED Path Light **15870**, see page 51	8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.	LED Path Light **15870**, see page 51
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-1W leads. Cable connectors supplied.			36" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 8" slotted in-ground stake. Incandescent version of fixture **15310** on page 132. Brass will naturally patina over time. Included reflector can be removed if necessary.			Includes 8" slotted in-ground stake. This is a shorter version of our LED 15810 design. Incandescent version of fixture **15410** on page 132. Included reflector can be removed if necessary.	
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket			**FM127265** Hexcell Louver **FM128296BKT** Glare Guard Reflector	

Dimensions

8.25"

21"

8.25"

15"

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	66.5	30.3	6.2	1.4	.45	.17	.10	.06	.05
FC with Included Reflector*	–	17.5	5.8	2.4	1.2	.8	.5	.3	.1

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	105	29	3.8	.72	.2	.09	.05	.03	.03
FC with Included Reflector*	–	17.5	5.8	2.4	1.2	.8	.5	.3	.1

*Using optional black glare guard reflector (FM128289BKT) will slightly reduce the above.

Reflectors can be flipped or inverted for even more glare control

	Llena™		Additional Finishes	Llenita™		Additional Finishes
Finishes	**CO** (shown), AZT, BBR			**AZT** (shown), BBR, CO		
Color Temperature	2700K - Warm White	3000K - Pure White	AZT	2700K - Warm White	3000K - Pure White	BBR
Item Number and Finish	**15820** AZT27 **15820** BBR27 **15820** CO27	**15820** AZT **15820** BBR **15820** CO		**15821** AZT27 **15821** BBR27 **15821** CO27	**15821** AZT **15821** BBR **15821** CO	
Housing	Cast Aluminum, Cast Brass (BBR) or Copper with Natural Brass Accents		BBR	Cast Aluminum, Cast Brass (BBR) or Copper with Natural Brass Accents		CO
Power Usage at 12V AC Input, VA and Watts	3.8W, 4.95VA			3.8W, 4.95VA		
CRI	80+			80+		
Voltage Range	9V–15V AC/DC with no loss in light output		**Coordinating Product**	9V–15V AC/DC with no loss in light output		**Coordinating Product**
Light Source	3 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		LED Path Light **15821**, see page 53	3 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		LED Path Light **15820**, see page 53
Delivered Lumens & Efficacy	2700K = 168 lm 2700K = 46 lm/W	3000K = 182 lm 3000K = 49 lm/W		2700K = 168 lm 2700K = 46 lm/W	3000K = 182 lm 3000K = 49 lm/W	
Wiring	20" of usable #18-2, SPT-1W leads. Cable connectors supplied.			30" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes 8" slotted in-ground stake. Copper and brass will naturally patina over time.			Includes 8" slotted in-ground stake. Copper and brass will naturally patina over time.		
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket					

Dimensions

6.25"

22.5"

6.25"

15"

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'		0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	10.75	5.6	2.24	.66	.22	.10	.07	.03	.01		20.7	6.6	1	.28	.10	.06	.01	–	–

Path & Spread

12V Integrated LED

	Tiki		Four Corners		Additional Finishes
Finishes	**TZT**		**AZT** (shown), BKT, TZT		
Color Temperature	2700K - Warm White	3000K - Pure White	2700K - Warm White	3000K - Pure White	BKT
Item Number and Finish	**15801** TZT27R	**15801** TZT30R	**16121** AZT27 **16121** BKT27 **16121** TZT27	**16121** AZT30 **16121** BKT30 **16121** TZT30	
Housing	Cast Aluminum		Cast Aluminum		TZT
Power Usage at 12V AC Input, VA and Watts	3.8W, 4.95VA		4.3W, 5.8VA		**Coordinating Product**
CRI	80+		80+		
Voltage Range	9V–15V AC/DC with no loss in light output		9V–15V AC/DC with no loss in light output		
Light Source	3 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Delivered Lumens & Efficacy	2700K = 168 lm 2700K = 48 lm/W	3000K = 182 lm 3000K = 49 lm/W	2700K = 294 lm 2700K = 67 lm/W	3000K = 302 lm 3000K = 73 lm/W	LED Deck Light **16111**, see page 66
Wiring	24" of usable #18-2, SPT-1W leads. Cable connectors supplied.		30" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes 8" slotted in-ground stake		Includes 8" slotted in-ground stake. Included reflector can be removed if necessary.		
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket		**15601** Surface Mounting Flange **15607** Surface Mounting Bracket **FM127265** Hexcell Louver **FM128296BKT** Glare Guard Reflector		
Dimensions	8" / 22"		4.75" / 20"		

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'		0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	5.03	2.8	1	.33	.13	.09	.07	.04	.03		66.5	30.3	6.2	1.4	.45	.17	.10	.06	.05
FC with Included Reflector*											-	17.5	5.8	2.4	1.2	.8	.5	.3	.1

*Using optional black glare guard reflector (FM128289BKT) will slightly reduce the above. Reflectors can be flipped or inverted for even more glare control

	Overlay		Perforated		Additional Finishes
Finishes	**AZT**		**CO** (shown), AZT, TZT		
Color Temperature	2700K - Warm White	3000K - Pure White	2700K - Warm White	3000K - Pure White	
Item Number and Finish	**16122** AZT27	**16122** AZT30	**16123** AZT27 **16123** CO27 **16123** TZT27	**16123** AZT30 **16123** CO30 **16123** TZT30	AZT
Housing	Aluminum		Aluminum or Copper		
Power Usage at 12V AC Input, VA and Watts	3.8W, 4.95VA		3.8W, 4.95VA		
CRI	80+		80+		TZT
Voltage Range	9V-15V AC/DC with no loss in light output	Coordinating Product	9V-15V AC/DC with no loss in light output		Coordinating Product
Light Source	3 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.	LED Deck Light **16112**, see page 67	3 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		LED Deck Light **16113**, see page 67
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-1W leads. Cable connectors supplied.		30" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes 8" slotted in-ground stake and features decorative light-leak pattern. AZT finish overlay with TZT undertone.		Includes 8" slotted in-ground stake and features decorative light-leak pattern. Copper will naturally patina over time.		
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket				

Dimensions

7.25"

21"

7.25"

21"

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	12	7	1.9	.3	.06	.02	.01	.01	–

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	10	6.6	1.9	.3	.1	.04	.02	.01	.01

Path & Spread

12V Integrated LED

	Round Tiered			Flare		
Finishes	**AGZ** (shown), BKT, CW		Additional Finishes	**AZT** (shown), BBR, CO		Additional Finishes
Color Temperature	2700K - Warm White	3000K - Pure White		2700K - Warm White	3000K - Pure White	
Item Number and Finish	16124 AGZ27 16124 BKT27 16124 CW27	16124 AGZ30 16124 BKT30 16124 CW30	**BKT**	16125 AZT27 16125 BBR27 16125 CO27	16125 AZT30 16125 BBR30 16125 CO30	**BBR**
Housing	Aluminum			Cast Aluminum, Cast Brass (BBR) or Copper		
Power Usage at 12V AC Input, VA and Watts	3.8W, 4.95VA			4.3W, 5.8VA		**CO**
CRI	80+		**CW**	80+		
Voltage Range	9V-15V AC/DC with no loss in light output			9V-15V AC/DC with no loss in light output		
Light Source	3 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.			8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
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-1W leads. Cable connectors supplied.			30" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes 8" slotted in-ground stake and features decorative light-leak pattern			Includes 8" slotted in-ground stake. Copper and brass will naturally patina over time. Included reflector can be removed if necessary.		
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket			**15601** Surface Mounting Flange **15607** Surface Mounting Bracket **FM127265** Hexcell Louver **FM128296BKT** Glare Guard Reflector		

Dimensions

8" 21"

8" 21"

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'		0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	7.4	4.3	1.2	.21	.16	.14	.07	.03	.03		66.5	30.3	6.2	1.4	.45	.17	.1	.06	.05
FC with Included Reflector*											–	17.5	5.8	2.4	1.2	.8	.5	.3	.1

*Using optional black glare guard reflector (FM128289BKT) will slightly reduce the above.

Reflectors can be flipped or inverted for even more glare control

	Petal		Pierced Dome	
Finishes	**AZT**		**AZT**	
Color Temperature	2700K - Warm White	3000K - Pure White	2700K - Warm White	3000K - Pure White
Item Number and Finish	**16126** AZT27	**16126** AZT30	**15857** AZT27R	**15857** AZT30R
Housing	Aluminum		Cast Aluminum	
Power Usage at 12V AC Input, VA and Watts	3.8W, 4.95VA		3.8W, 4.95VA	
CRI	80+		80+	
Voltage Range	9V–15V AC/DC with no loss in light output		9V–15V AC/DC with no loss in light output	
Light Source	3 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		3 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.	
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 = 49 lm/W
Wiring	30" of usable #18-2, SPT-1W leads. Cable connectors supplied.		30" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 8" slotted in-ground stake and features decorative light-leak pattern. AZT finish overlay with TZT undertone.		Includes 8" slotted in-ground stake and features decorative light-leak pattern. Incandescent version of fixture **15457** on page 143.	
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket			

Dimensions

5.5"
23.25"

6.25"
21.5"

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'		0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	12	6	1.6	.4	.16	.05	.02	.02	.01		7.5	3.8	1.3	.3	.15	.02	.01	-	-
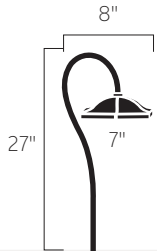
Path & Spread

12V Integrated LED

Shepherd's Crook

Finishes	BBR (shown), AZT		Additional Finishes
Color Temperature	2700K - Warm White	3000K - Pure White	
Item Number and Finish	**15807** AZT27R **15807** BBR27R	**15807** AZT30R **15807** BBR30R	AZT
Housing	Cast Aluminum or Brass (BBR)		
Power Usage at 12V AC Input, VA and Watts	4.3W, 5.8VA		
CRI	80+		
Voltage Range	9V-15V AC/DC with no loss in light output		
Light Source	8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Delivered Lumens & Efficacy	2700K = 294 lm 2700K = 67 lm/W	3000K = 302 lm 3000K = 73 lm/W	
Wiring	24" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes 8" slotted in-ground stake. Brass will naturally patina over time.		
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket		

Dimensions

8"
27"
7"

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	61.9	53.5	11.96	2.47	1.04	.33	.22	.1	.08

	Louvered Bollard		Tee Bollard	
Finishes	**AZT** (shown), BKT	Additional Finishes	**AZT** (shown), BKT	Additional Finishes
Color Temperature	2800K - Warm White	BKT	2800K - Warm White	BKT
Item Number and Finish	**16130** AZT28 **16130** BKT28		**16131** AZT28 **16131** BKT28	
Housing	Cast Aluminum with Weathered White Glass		Cast Aluminum with Weathered White Glass	
Power Usage at 12V AC Input, VA and Watts	3.5W, 5.67VA		3.5W, 5.67VA	
CRI	80+		80+	
Voltage Range	9V-15V AC/DC with no loss in light output		9V-15V AC/DC with no loss in light output	
Light Source	Omni-directional light engine utilizing 3 high output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		Omni-directional light engine utilizing 3 high output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.	
Delivered Lumens & Efficacy	2800K = 224 lm 2800K = 64 lm/W		2800K = 224 lm 2800K = 64 lm/W	
Wiring	20" of usable #18-2, SPT-2W leads. Cable connectors supplied.		20" of usable #18-2, SPT-2W leads. Cable connectors supplied.	
Notes	**Customer is required to purchase one of the accessories below for installation**		**Customer is required to purchase one of the accessories below for installation**	
Accessories	**Required for installation:** **15671ST** Bollard Template Kit (concrete or paver applications) **15578BK** Bollard Mounting Stake (soil applications)			

Dimensions / Photometrics

Louvered Bollard — 6.125" (top), 29" (height), 4" (base)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	.17	.44	.79	.52	.25	.14	.07	.04	.03

Tee Bollard — 4.51" (top), 29" (height), 4" (base)

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	.08	.85	.82	.51	.35	.22	.14	.1	.07

Path & Spread

12V Integrated LED

	Side Throw Bollard		Mission Bollard	
Finishes	**AZT** (shown), BKT	Additional Finishes	**AZT** (shown), BKT	Additional Finishes
Color Temperature	2800K - Warm White	BKT	2800K - Warm White	BKT
Item Number and Finish	**16132** AZT28 **16132** BKT28		**16133** AZT28 **16133** BKT28	
Housing	Cast Aluminum with Weathered White Glass		Cast Aluminum with Weathered White Glass	
Power Usage at 12V AC Input, VA and Watts	3.5W, 5.67VA		3.5W, 5.67VA	
CRI	80+		80+	
Voltage Range	9V-15V AC/DC with no loss in light output		9V-15V AC/DC with no loss in light output	
Light Source	Directional aiming light engine utilizing 3 high output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		Omni-directional light engine utilizing 3 high output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.	
Delivered Lumens & Efficacy	2800K = 224 Lm 2800K = 64 Lm/W		2800K = 224 Lm 2800K = 64 Lm/W	
Wiring	20" of usable #18-2, SPT-2W leads. Cable connectors supplied.		20" of usable #18-2, SPT-2W leads. Cable connectors supplied.	
Notes	**Customer is required to purchase one of the accessories below for installation**		**Customer is required to purchase one of the accessories below for installation**	
Accessories	**Required for installation:** **15671ST** Bollard Template Kit (concrete or paver applications) **15578BK** Bollard Mounting Stake (soil applications)			
Dimensions	4.51" 29" 4"		8" 29" 4"	

Photometrics

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	.07	.68	.7	.55	.37	.25	.16	.11	.08

Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'
Foot-candles (FC)	.06	.5	.5	.33	.21	.15	.09	.06	.04

12V Deck & Patio

Integrated LED
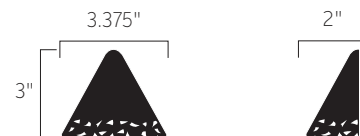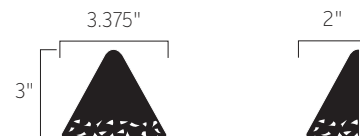
Decorative and functional, our integrated deck and patio lights are optimized for all-weather performance and deliver clean, even light.

Deck & Patio

12V Integrated LED

Finishes	**Vintage Park™**		**Decorative Hammered Roof**		
	TZT		**TZT**		
Color Temperature	2700K - Warm White	3000K - Pure White	2700K - Warm White	3000K - Pure White	
Item Number and Finish	**15750** TZT27R	**15750** TZT30R	**15763** TZT27R	**15763** TZT30R	
Housing	Cast Aluminum		Brass		
Power Usage at 12V AC Input, VA and Watts	.86W, 1.86VA		.86W, 1.86VA		
CRI	80+	80+	80+	80+	
Voltage Range	9V-15V AC/DC with no loss in light output		9V-15V AC/DC with no loss in light output		**Coordinating Products**
Light Source	1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Delivered Lumens & Efficacy	2700K = 41 lm 2700K = 50 lm/W	3000K = 43 lm 3000K = 51 lm/W	2700K = 41 lm 2700K = 50 lm/W	3000K = 43 lm 3000K = 51 lm/W	LED Path Lights
Wiring	72" of usable #18-2, SPT-1W leads. Cable connectors supplied.		72" of usable #18-2, SPT-1W leads. Cable connectors supplied.		**15871** & **15843**, see page 44
Notes	Includes stainless steel mounting bracket and hardware.		Features decorative light-leak pattern. Includes stainless steel mounting bracket and hardware. Brass will naturally patina over time.		

Dimensions

3.5" 2.25" 1.75"   3.375" 3" 2"

Photometrics

Mounting Height	0'	.5'	1'	2'	3'	4'	5'		0'	.5'	1'	2'	3'	4'	5'
6"	76.5	20	3	.2	.06	.05	.03		76.5	20	3	.2	.06	.05	.03
12"	13	10.63	4.8	1.1	.20	.08	.05		13	10.63	4.8	1.1	.20	.08	.05
30"	3.2	3.4	2.6	1.2	.52	.24	.12		3.2	3.4	2.6	1.2	.52	.24	.12
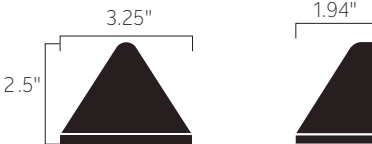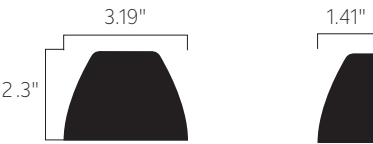
Finishes	Mini Deck Light		Additional Finishes	Half Moon		Additional Finishes
	BBR (shown), AZT, BKT, WHT			**BBR** (shown), AZT, WHT		
Color Temperature	2700K - Warm White	3000K - Pure White		2700K - Warm White	3000K - Pure White	
Item Number and Finish	**15765** AZT27R **15765** BBR27R **15765** BKT27R **15765** WHT27R	**15765** AZT30R **15765** BBR30R **15765** BKT30R **15765** WHT30R	**AZT**	**15764** AZT27R **15764** BBR27R **15764** WHT27R	**15764** AZT30R **15764** BBR30R **15764** WHT30R	**AZT**
Housing	Cast Aluminum or Cast Brass (BBR)		**BKT**	Cast Aluminum or Cast Brass (BBR) with satin-etched lens		
Power Usage at 12V AC Input, VA and Watts	.86W, 1.86VA			.86W, 1.86VA		**WHT**
CRI	80+	80+	**WHT**	80+	80+	
Voltage Range	9V-15V AC/DC with no loss in light output		**Coordinating Products**	9V-15V AC/DC with no loss in light output		
Light Source	1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.			1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Delivered Lumens & Efficacy	2700K = 41 lm 2700K = 50 lm/W	3000K = 43 lm 3000K = 51 lm/W	LED Path Lights **15815**, **15827** & **15826**, see pages 49-50	2700K = 41 lm 2700K = 50 lm/W	3000K = 43 lm 3000K = 51 lm/W	
Wiring	72" of usable #18-2, SPT-1W leads. Cable connectors supplied.			72" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes stainless steel mounting bracket and hardware. White finish has coordinating white color leads. Brass will naturally patina over time.			Includes stainless steel mounting bracket and hardware. White finish has coordinating white color leads. Brass will naturally patina over time.		

Dimensions

Mini Deck Light: 3.75", 2.375", 2.25"

Half Moon: 4", 4", 2"

Photometrics

Mounting Height	0'	.5'	1'	2'	3'	4'	5'		0'	.5'	1'	2'	3'	4'	5'
6"	76.5	20	3	.2	.06	.05	.03		29.7	14.8	1.6	.07	.05	.01	.00
12"	13	10.63	4.8	1.1	.20	.08	.05		8.3	6.4	2.6	.45	.08	.02	.01
30"	3.2	3.4	2.6	1.2	.52	.24	.12		2.1	2.05	1.55	.5	.3	.11	.09
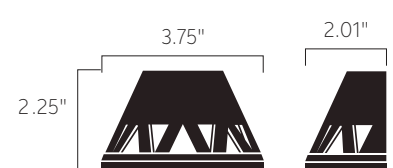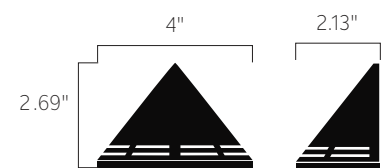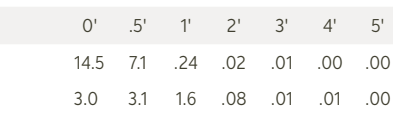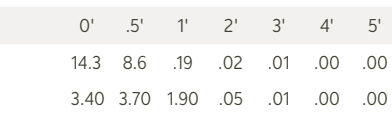
Deck & Patio

12V Integrated LED

	Fundamentals™		Additional Finishes	**Four Corners**		Additional Finishes
Finishes	**GRY** (shown), AZT, BBR, BKT, CO, SD			**AZT** (shown), BKT, TZT		
Color Temperature	2700K - Warm White	3000K - Pure White	**AZT**	2700K - Warm White	3000K - Pure White	
Item Number and 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	**BBR** **BKT**	**16111** AZT27 **16111** BKT27 **16111** TZT27	**16111** AZT30 **16111** BKT30 **16111** TZT30	**BKT**
Housing	Cast Aluminum, Cast Brass (BBR) or Copper (CO)			Cast Aluminum		
Power Usage at 12V AC Input, VA and Watts	.86W, 1.86VA		**CO**	.86W, 1.86VA		**TZT**
CRI	80+	80+		80+	80+	
Voltage Range	9V-15V AC/DC with no loss in light output		**SD**	9V-15V AC/DC with no loss in light output		Coordinating Product
Light Source	1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		Coordinating Products	1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Delivered Lumens & Efficacy	2700K = 41 lm 2700K = 50 lm/W	3000K = 43 lm 3000K = 51 lm/W	LED Path Light **15839, 16120** see page 45	2700K = 41 lm 2700K = 50 lm/W	3000K = 43 lm 3000K = 51 lm/W	LED Path Light **16121** see page 54
Wiring	72" of usable #18-2, SPT-1W leads. Cable connectors supplied.			72" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Copper and Brass will naturally patina over time					

Dimensions

3.25" 1.94" 2.5"

3.19" 1.41" 2.3"

Photometrics

Mounting Height	0'	.5'	1'	2'	3'	4'	5'		0'	.5'	1'	2'	3'	4'	5'
6"	76.5	20	3	.2	.06	.05	.03		76.5	20	3	.2	.06	.05	.03
12"	13	10.63	4.8	1.1	.20	.08	.05		13	10.63	4.8	1.1	.20	.08	.05
30"	3.2	3.4	2.6	1.2	.52	.24	.12		3.2	3.4	2.6	1.2	.52	.24	.12

	Overlay		Perforated		Additional Finishes
Finishes	**AZT** (shown)		**AZT** (shown), CO, TZT		
Color Temperature	2700K – Warm White	3000K – Pure White	2700K – Warm White	3000K – Pure White	
Item Number and Finish	**16112** AZT27	**16112** AZT30	**16113** AZT27 **16113** CO27 **16113** TZT27	**16113** AZT30 **16113** CO30 **16113** TZT30	**CO**
Housing	Cast Aluminum		Cast Aluminum or Copper (CO)		
Power Usage at 12V AC Input, VA and Watts	.86W, 1.86VA		.86W, 1.86VA		
CRI	80+	80+	80+	80+	**TZT**
Voltage Range	9V–15V AC/DC with no loss in light output	Coordinating Product	9V–15V AC/DC with no loss in light output	Coordinating Product	
Light Source	1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Delivered Lumens & Efficacy	2700K = 41 lm 2700K = 50 lm/W	3000K = 43 lm 3000K = 51 lm/W	2700K = 41 lm 2700K = 50 lm/W	3000K = 43 lm 3000K = 51 lm/W	LED Path Lights **16123** see page 55
		LED Path Lights **16122** see page 55			
Wiring	72" of usable #18-2, SPT-1W leads. Cable connectors supplied.		72" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Features decorative light-leak pattern with TZT underlay		Features decorative light-leak pattern. Copper will naturally patina over time.		

Dimensions

3.75" 2.25" 2.01"

4" 2.69" 2.13"

Photometrics

Mounting Height	0'	.5'	1'	2'	3'	4'	5'		0'	.5'	1'	2'	3'	4'	5'
6"	14.5	7.1	.24	.02	.01	.00	.00		14.3	8.6	.19	.02	.01	.00	.00
12"	3.0	3.1	1.6	.08	.01	.01	.00		3.40	3.70	1.90	.05	.01	.00	.00
30"	.8	.87	.78	.4	.15	.03	.01		0.89	1.03	0.95	.45	.09	.01	.00

Deck & Patio

12V Integrated LED

	Brick Light (with Louvers)		Brick Light (without Louvers)	
Finishes	**AZT** (shown)		**AZT** (shown)	
Color Temperature	2700K - Warm White	3000K - Pure White	2700K - Warm White	3000K - Pure White
Item Number and Finish	**15773** AZT27R	**15773** AZT30R	**15774** AZT27R	**15774** AZT30R
Housing	Cast Aluminum		Cast Aluminum	
Power Usage at 12V AC Input, VA and Watts	1.72 W, 3.72 VA		1.72 W, 3.72 VA	
CRI	80+	80+	80+	80+
Voltage Range	9V–15V AC/DC with no loss in light output		9V–15V AC/DC with no loss in light output	
Light Source	2 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		2 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.	
Delivered Lumens & Efficacy	2700K = 82 lm 2700K= 100 lm/W	3000K = 86 lm 3000K = 102 lm/W	2700K = 82 lm 2700K= 100 lm/W	3000K = 86 lm 3000K = 102 lm/W
Wiring	Wire connection must be made inside fixture		Wire connection must be made inside fixture	
Notes	Included stainless steel mounting hardware and junction box. Designed to be integrated into brick wall during construction. LED version is also usable in vertical risers. Incandescent version of fixture **15073** on page 162.		Included stainless steel mounting hardware and junction box. Designed to be integrated into brick wall during construction. LED version is also usable in vertical risers. Incandescent version of fixture **15074** on page 162.	

Dimensions

Photometrics

Mounting Height	0'	.5'	1'	2'	3'	4'	5'		0'	.5'	1'	2'	3'	4'	5'
12"	.07	.40	1.3	.60	.14	.06	.03		3.00	1.30	0.10	0.44	0.10	0.03	0.03
24"	.02	.05	.16	.23	.23	.08	.05		0.06	0.20	0.30	0.20	0.10	0.08	0.04
36"	.01	.01	.83	.08	.11	.13	.08		0.04	0.09	0.10	0.18	0.12	0.09	0.06

	Mini Step Light (with Louvers)		Additional Finishes	Mini Step Light (without Louvers)	
Finishes	**CO** (shown), AZT, BBR, BKT, WHT			**AZT** (shown)	
Color Temperature	2700K - Warm White	3000K - Pure White	AZT	2700K - Warm White	3000K - Pure White
Item Number and Finish	**15782** AZT27R **15782** BBR27R **15782** BKT27R **15782** CO27R **15782** WHT27R	**15782** AZT30R **15782** BBR30R **15782** BKT30R **15782** CO30R **15782** WHT30R	BBR	**15780** AZT27R	**15780** AZT30R
Housing	Aluminum, Brass or Copper with white reflector. Zinc-plated steel housing.			Aluminum with white reflector. Zinc-plated steel housing.	
Power Usage at 12V AC Input, VA and Watts	.86W, 1.86VA		BKT	.86W, 1.86VA	
CRI	80+	80+		80+	80+
Voltage Range	9V-15V AC/DC with no loss in light output		WHT	9V-15V AC/DC with no loss in light output	
Light Source	1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.			1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.	
Delivered Lumens & Efficacy	2700K = 41 lm 2700K = 50 lm/W	3000K = 43 lm 3000K = 51 lm/W		2700K = 41 lm 2700K = 50 lm/W	3000K = 43 lm 3000K = 51 lm/W
Wiring	Wire connection must be made inside fixture			Wire connection must be made inside fixture	
Notes	Included stainless steel mounting hardware and junction box. Designed to be integrated into outdoor steps. Copper and Brass will naturally patina over time. Incandescent version of fixture **15072** on page 163.			Included stainless steel mounting hardware and junction box. Designed to be integrated into outdoor steps. Incandescent version of fixture **15070** on page 163.	

Dimensions

2.5" 3" 2" 5"

2.5" 3" 2" 5"

Photometrics

Mounting Height	0'	.5'	1'	2'	3'	4'	5'		0'	.5'	1'	2'	3'	4'	5'
6"	.92	.38	.56	0	0	0	0		1.40	1.20	0.40	0.08	0.03	0.01	0.00
12"	15	.14	.14	.03	.19	0	0		0.09	0.40	0.29	0.13	0.04	0.02	0.01

LED Portable Lantern

Dimmable with Bluetooth® Speaker

	South Hope™ LED	Lyndon™ LED
Finishes	RZ	BKT
Color Temperature	3000K - Pure White	3000K - Pure White
Item Number and Finish	**49473** RZLED	**49500** BKTLED
Description	Rubbed Bronze finish with satin-etched, cased opal glass	Textured Black finish with etched seeded glass
CRI	80+	80+
Light Source/Wattage	7W	7W
Lumens per Fixture	250 lm	250 lm
Notes	**D** **LE** Dimmable. Rechargeable with included power adapter. Damp-rated for indoor or covered outdoor areas. 3W audio output with independent controls for sound and lighting. Controlled by any Bluetooth®-enabled device; 30-foot range. Rechargeable NiMH 3.6V battery. Charge from 0-100% in 5 hours. 5-hour battery life at maximum volume and 100% light. Coordinates with our South Hope™ decorative collection.	**D** **LE** Dimmable. Rechargeable with included power adapter. Damp-rated for indoor or covered outdoor areas. 3W audio output with independent controls for sound and lighting. Controlled by any Bluetooth®-enabled device; 30-foot range. Rechargeable NiMH 3.6V battery. Charge from 0-100% in 5 hours. 5-hour battery life at maximum volume and 100% light. Coordinates with our Lyndon™ decorative collection.
Dimensions	6"W x 19"H x 6"L	8"W x 19"H x 8"L

Full-function indicator buttons for audio control and light dimming.

Integrated speaker

Full-function indicator buttons for audio control and light dimming.

Integrated speaker

12V Hardscape

Integrated LED

Fully encapsulated design ensures the fixture will stand the test of time with no callback or replacement headaches. Ideal for adding safety and ambiance to patios, retaining walls, columns, fences, bridges, decks, steps, handrails, outdoor kitchens...you name it.

Hardscape

12V Integrated LED Hardscape, Deck, Step & Bench

1 LED Fixture (with Bracket) - 3" L

Finishes	AZT (shown), BBR, CO, GRY, SD, WHT		Additional Finishes
Color Temperature	2700K - Warm White	3000K - Pure White	**BBR** Bronzed Brass
Item Number and Finish	15744 AZT27 15744 GRY27 15744 BBR27 15744 SD27 15744 CO27 15744 WHT27	15744 AZT30 15744 GRY30 15744 BBR30 15744 SD30 15744 CO30 15744 WHT30	**CO** Copper
Housing	Cast Aluminum, Cast Brass (BBR) or Copper-Plated Brass (CO)		
Power Usage at 12V AC Input VA and Watts	.19W, .28VA		**GRY** Textured Gray
CRI	80+	80+	
Voltage Range	9V-15V AC/DC with no loss in output		**SD** Textured Sand
Light Source	1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Delivered Lumens & Efficacy	2700K = 8.4 lm 2700K = 44 lm/W	3000K = 8.6 lm 3000K = 45 lm/W	**WHT** Textured White
Wiring	70" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Copper and brass will naturally patina over time. White finish has coordinating white color leads.		

Accessories	**15716 SS** (Stainless Steel) - 1 LED Flat Mount Bracket Mounting hardware included.

Dimensions

3.0"   .6"
2.9"

55° Beam Spread

Photometrics*

Mounting Height	0'	1'	2'	3'	4'
12"	8.65	1.1	.07	.03	.02
24"	2.08	.98	.3	.06	.04
36"	.95	.61	.3	.14	.06

3 LED Fixture (with Bracket) – 6.9" L

Finishes	BBR (shown), AZT, CO, GRY, SD, WHT		Additional Finishes
Color Temperature	2700K - Warm White	3000K - Pure White	**AZT** Textured Architectural Bronze
Item Number and Finish	15745 AZT27　15745 GRY27 15745 BBR27　15745 SD27 15745 CO27　15745 WHT27	15745 AZT30　15745 GRY30 15745 BBR30　15745 SD30 15745 CO30　15745 WHT30	
Housing	Cast Aluminum, Cast Brass (BBR) or Copper-Plated Brass (CO)		**CO** Copper
Power Usage at 12V AC Input VA and Watts	.75W, 1.3VA		
CRI	80+	80+	**GRY** Textured Gray
Voltage Range	9V-15V AC/DC with no loss in light output		
Light Source	3 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		**SD** Textured Sand
Delivered Lumens & Efficacy	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. Cable connectors supplied.		**WHT** Textured White
Notes	Copper and brass will naturally patina over time. White finish has coordinating white color leads.		

Accessories	15717 SS (Stainless Steel) - 3 LED Flat Mount Bracket Mounting hardware included.

Dimensions

6.9"　.6"　2.9"

Photometrics*

55° Beam Spread

Mounting Height	0'	1'	2'	3'	4'
12"	43.7	4.89	.31	.12	.07
24"	10.7	4.87	1.29	.12	.08
36"	4.96	3.14	1.56	.67	.24

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

Hardscape

12V Integrated LED Hardscape, Deck, Step & Bench

6 LED Fixture (with Bracket) - 12.9" L

Finishes	**AZT** (shown), BBR, CO, GRY, SD, WHT		Additional Finishes
Color Temperature	2700K - Warm White	3000K - Pure White	**BBR** Bronzed Brass
Item Number and Finish	**15746** AZT27　**15746** GRY27 **15746** BBR27　**15746** SD27 **15746** CO27　**15746** WHT27	**15746** AZT30　**15746** GRY30 **15746** BBR30　**15746** SD30 **15746** CO30　**15746** WHT30	**CO** Copper
Housing	Cast Aluminum, Cast Brass (BBR) or Copper-Plated Brass (CO)		
Power Usage at 12V AC Input VA and Watts	1.4W, 2.4VA		**GRY** Textured Gray
CRI	80+	80+	
Voltage Range	9V-15V AC/DC with no loss in light output		
Light Source	6 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		**SD** Textured Sand
Delivered Lumens & Efficacy	2700K = 69.5 lm 2700K = 49 lm/W	3000K = 88 lm 3000K = 63 lm/W	
Wiring	70" of usable #18-2, SPT-1W leads. Wire connectors supplied.		**WHT** Textured White
Notes	Copper and brass will naturally patina over time. White finish has coordinating white color leads.		
Accessories	**15718 SS** (Stainless Steel) - 6 LED Flat Mount Bracket Mounting hardware included.		

Dimensions

12.9"　　.6"

2.9"

55° Beam Spread

Photometrics*

Mounting Height	0'	1'	2'	3'	4'
12"	65.10	9.74	.6	.22	.14
24"	19.64	9.15	2.72	.48	.24
36"	9.16	5.82	2.74	1	.3

9 LED Fixture (with Bracket) - 18.9" L

Finishes	GRY (shown), AZT, BBR, CO, SD, WHT		Additional Finishes
Color Temperature	2700K - Warm White	3000K - Pure White	**AZT** Textured Architectural Bronze
Item Number and Finish	**15756** AZT27 **15756** GRY27 **15756** BBR27 **15756** SD27 **15756** CO27 **15756** WHT27	**15756** AZT30 **15756** GRY30 **15756** BBR30 **15756** SD30 **15756** CO30 **15756** WHT30	**BBR** Bronzed Brass
Housing	Cast Aluminum, Cast Brass (BBR) or Copper-Plated Brass (CO)		
Power Usage at 12V AC Input VA and Watts	2.2W, 3.7VA		**CO** Copper
CRI	80+	80+	
Voltage Range	9V-15V AC/DC with no loss in light output		
Light Source	9 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		**SD** Textured Sand
Delivered Lumens & Efficacy	2700K = 104.2 lm 2700K = 47 lm/W	3000K = 132 lm 3000K = 60 lm/W	
Wiring	70" of usable #18-2, SPT-1W leads. Wire connectors supplied.		**WHT** Textured White
Notes	Copper and brass will naturally patina over time. White finish has coordinating white color leads.		
Accessories	**15719 SS** (Stainless Steel) - 9 LED Flat Mount Bracket Mounting hardware included.		

Dimensions

18.9"   .6"

2.9"

55° Beam Spread

Photometrics*

Mounting Height	0'	1'	2'	3'	4'
12"	80.4	12	1.08	.36	.21
24"	26.81	13.13	3.81	.91	.39
36"	13.51	8.43	4.55	1.78	.62

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

Hardscape

12V Integrated LED Hardscape, Deck, Step & Bench

1 LED Fixture (without Bracket) - 3" L

Finishes	**BBR** (shown), AZT, CO, GRY, SD, WHT		Additional Finishes
Color Temperature	3000K - Pure White		**AZT** Textured Architectural Bronze
Item Number and Finish	**15734** AZT30 **15734** CO30 **15734** SD30 **15734** BBR30 **15734** GRY30 **15734** WHT30		**CO** Copper
Housing	Cast Aluminum, Cast Brass (BBR) or Copper-Plated Brass (CO)		**GRY** Textured Gray
Power Usage at 12V AC Input VA and Watts	.19W, .28VA		**SD** Textured Sand
CRI	80+		**WHT** Textured White
Voltage Range	9V-15V AC/DC with no loss in light output		
Light Source	1 integrated high-output LED with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Delivered Lumens & Efficacy	3000K = 8.6 lm 3000K = 45 lm/W		
Wiring	70" of usable #18-2, SPT-1W leads. Wire connectors supplied. White finish has coordinating white color leads.		
Notes	Stainless steel mounting screws included. Not for use with electronic transformers. Copper and brass will naturally patina over time.		
Accessories	**15716 SS** (Stainless Steel) - 1 LED Flat Mount Bracket Mounting hardware included.		
Dimensions	3.0" .6" .66"		
Photometrics	55° Beam Spread		

Mounting Height	0'	1'	2'	3'	4'
12"	8.65	1.1	.07	.03	.02
24"	2.08	.98	.3	.06	.04
36"	.95	.61	.30	.14	.06

3 LED Fixture (without Bracket) - 6.9" L

Finishes	**WHT** (shown), AZT, BBR, CO, GRY, SD		Additional Finishes
Color Temperature	3000K - Pure White		**AZT** Textured Architectural Bronze
Item Number and Finish	**15735** AZT30 **15735** CO30 **15735** SD30 **15735** BBR30 **15735** GRY30 **15735** WHT30		
Housing	Cast Aluminum, Cast Brass (BBR) or Copper–Plated Brass (CO)		**BBR** Bronzed Brass
Power Usage at 12V AC Input VA and Watts	.75W, 1.3VA		**CO** Copper
CRI	80+		
Voltage Range	9V-15V AC/DC with no loss in light output		**GRY** Textured Gray
Light Source	3 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		**SD** Textured Sand
Delivered Lumens & Efficacy	3000K = 44.5 lm 3000K = 59 lm/W		
Wiring	70" of usable #18-2, SPT-1W leads. Wire connectors supplied. White finish has coordinating white color leads.		
Notes	Stainless steel masonry bracket and mounting screws included. Copper and brass will naturally patina over time.		
Accessories	**15717 SS** (Stainless Steel) - 3 LED Flat Mount Bracket Mounting hardware included.		

Dimensions

6.9"   .6"   .66"

55º
Beam Spread

Photometrics

Mounting Height	0'	1'	2'	3'	4'
12"	43.7	4.89	.31	.12	.07
24"	10.7	4.87	1.29	.12	.08
36"	4.96	3.14	1.56	.67	.24

Hardscape

12V Integrated LED Hardscape, Deck, Step & Bench

6 LED Fixture (without Bracket) - 12.9" L

Finishes	SD (shown), AZT, BBR, CO, GRY, WHT		Additional Finishes
Color Temperature	3000K - Pure White		**AZT** Textured Architectural Bronze
Item Number and Finish	15736 AZT30 15736 CO30 15736 SD30 15736 BBR30 15736 GRY30 15736 WHT30		**BBR** Bronzed Brass
Housing	Aluminum, Brass (BBR) or Copper-Plated Brass (CO)		**CO** Copper
Power Usage at 12V AC Input VA and Watts	1.4W, 2.4VA		**GRY** Textured Gray
CRI	80+		
Voltage Range	9V-15V AC/DC with no loss in light output		**SD** Textured Sand
Light Source	6 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		**WHT** Textured White
Delivered Lumens & Efficacy	3000K = 88 lm 3000K = 61 lm/W		
Wiring	70" of usable #18-2, SPT-1W leads. Wire connectors supplied. White finish has coordinating white color leads.		
Notes	Stainless steel masonry bracket and mounting screws included. Copper and brass will naturally patina over time.		
Accessories	**15718 SS** (Stainless Steel) - 6 LED Flat Mount Bracket Mounting hardware included.		

Dimensions

12.9" .6"
.66"

55° Beam Spread

Photometrics

Mounting Height	0'	1'	2'	3'	4'
12"	65.1	9.74	.6	.22	.14
24"	19.64	9.15	2.72	.48	.24
36"	9.16	5.82	2.74	1	.3

9 LED Fixture (without Bracket) - 18.9" L

Finishes	AZT (shown), BBR, CO, GRY, SD, WHT	Additional Finishes
Color Temperature	3000K - Pure White	**AZT** Textured Architectural Bronze
Item Number and Finish	**15755** AZT30 **15755** CO30 **15755** SD30 **15755** BBR30 **15755** GRY30 **15755** WHT30	
Housing	Aluminum, Brass (BBR) or Copper-Plated Brass (CO)	**BBR** Bronzed Brass
Power Usage at 12V AC Input VA and Watts	2.2W, 3.7VA	**CO** Copper
CRI	80+	
Voltage Range	9V–15V AC/DC with no loss in light output	**GRY** Textured Gray
Light Source	9 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.	**SD** Textured Sand
Delivered Lumens & Efficacy	3000K = 132 lm 3000K = 62 lm/W	**WHT** Textured White
Wiring	70" of usable #18-2, SPT-1W leads. Wire connectors supplied. White finish has coordinating white color leads.	
Notes	Stainless steel masonry bracket and mounting screws included. Copper and brass will naturally patina over time.	
Accessories	**15719 SS** (Stainless Steel) - 9 LED Flat Mount Bracket Mounting hardware included.	

Dimensions

18.9"   .6"   .66"

55º Beam Spread

Photometrics

Mounting Height	0'	1'	2'	3'	4'
12"	80.4	12	1.08	.36	.21
24"	26.81	13.13	3.81	.91	.39
36"	13.51	8.43	4.55	1.78	.62

Low-Voltage Transformers

Power Supply for Landscape Lighting

Powerful and reliable options that can drive any professional landscape lighting system — from a simple lighting application to a sophisticated design.

Design Pro LED Controller

	Design Pro LED Controller - 100W	Design Pro LED Controller - 200W
Item Number	15DC100 - 100W	15DC200 - 200W
Zones	Up to 2 independently controlled zones	Up to 4 independently controlled zones
Weight	5.5 lbs.	8 lbs.
GENERAL SPECIFICATIONS – FOR ALL 3 CONTROLLERS		
Description	All-in-one power supply and controller provides personalization, versatility and efficiencies to a professional LED installation.	
Housing & Finish	UV stable and weather-proof polymeric material with textured gray finish. Non-corrosive high grade stainless steel components.	
AC or DC & Output Voltage	15V constant DC	
Input Voltage	108-132AC 50-60 Hz	
Minimum Load & Fixture Loading	None. Use Watts (not VA) to load fixtures on controller.	
Grounded Cord Type & Length	63" of usable #18-3 SJTW cord	
Battery Back-up	Saves date and time only. All other settings saved to nonvolatile memory.	
Terminal Lugs	Can fit up to 8, #16 GA per tap	
Breaker Protection Type/Amps.	Electronically controlled 7 Amps.	
Thermal Protection	Yes	
Surge Protection	Primary surge protection protects against surges going down the line, unlike traditional transformers.	
Event Schedules	Up to 12 programmable schedules	
Vandal Resistant	Yes, with integrated locking tab – lock not included	
Temperature Range	Operates at -40° F to 140° F (-40° C to 60° C)	
Mounting Hardware	Included. Integrated easy-positionable keyhole slot mounts allow for a simple installation.	

Design Pro LED Controller - 300W

Item Number	15DC300 – 300W
Zones	Up to 6 independently controlled zones
Weight	11 lbs.

GENERAL SPECIFICATIONS – FOR ALL 3 CONTROLLERS (cont.)

Potting	Fully encapsulated | potted electronics	
Timer	Integrated astronomical clock programmable by geolocation	
Efficiency on Primary Power Side	Minimum 85% (power-in, power-out)	
UL Listing & FCC	ANSI/UL 1838 CSA 250.7	FCC Part 15B
Location Use	Wet location rated, outdoor use. Indoor acceptable by local code.	
Transformer Type	Electronic DC (low ripple and acceptable for use LED Landscape fixtures)	
System Information	Calculates live watts and amperage within zone summary	
Overload Protection	Yes	
Menu Diagnostics	Yes, to aid in troubleshooting common problems	
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.	
Wireless Type & Range	Z-Wave®. See Z-wave.com for additional options. 300' line of sight range. Vera Wireless Gateway compatable.	
Network	Multiple controllers can be wirelessly synced together to create a network (maximum 4 controllers in 1 network). Multiple networks can be set-up in installations with more than 4 controllers.	

Dimensions

15DC100
Height = 13.73"
Depth = 4.46"
Width = 8.62"

15DC200
Height = 13.71"
Depth = 4.46"
Width = 13.51"

15DC300
Height = 13.71"
Depth = 4.46"
Width = 13.51"

Accessories

Design Pro LED Controller

	Remote	Range Extender	#14-2 Wire	#16-2 Wire
Item Number	**16080** BK	**16081** WH	**16088** BK	**16089** BK
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. Compatible with Vera Plus and Edge Gateways.	Allows for wireless range extension (additional 300') between wireless devices (ex: power supply to power supply). Plugs into any standard 120V outlet (dry location). Compatible with Vera Plus and Edge Gateways.	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 DesignPro 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		
UL Listing		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 Z-Wave.com for additional options.	Z-Wave®. See Z-Wave.com for additional options.		
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 on 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 third party accessories, please contact Kichler for a tested list.

	Vera™ Edge	Vera™ Plus
Item Number	**16082** BK	**16083** BK
Number of Controllable Devices	50-75	75-125
Communication Protocols	2	4
Use Smartphone, Tablet or Computer	Yes	Yes
Wi-Fi Compatible	802.11 b/g/n (Wi-Fi or hardwire ethernet connection)	802.11 a/b/g/n/ac (Requires hardwire ethernet connection)
Z-Wave® Plus	Yes - for use with Design Pro LED Controllers	Yes - for use with Design Pro LED Controllers
ZigBee Wireless Connectivity	No	Yes
Bluetooth® Wireless Connectivity	No	Yes
Backup Battery*	Optional/External	Optional/External
Built-in 3G Cellular Backup*	Optional/External	Optional/External

HOW IT WORKS

Mobile Device

Download the Vera™ app to any smartphone, tablet or computer.

Wi-Fi

Plug in the Vera™ gateway and link to the home's Wi-Fi system.

Sync

The Vera™ app will locate the Kichler Pro LED Controller and link it wirelessly to the Vera™ gateway.

Take Control

Using a Wi-Fi or cellular connection, homeowners can confidently control their landscape lighting anytime and anywhere. Secure cloud servers, powered by MIOS, safely broker the connection between the homeowner and their home.

Transformers

Professional Series
Contractor Series

> ★★★★★
>
> " The stainless steel transformer not only looks great and installs in under 10min but also has a great warranty. Highly recommend by myself and many others in my profession "
>
> - Polermnky | Edwardsville,IL | 15PR300SS

	Professional Series PR — 100W-1200W	Professional Series PR — 75W
Finish	**#304 Stainless Steel**	**#304 Stainless Steel**
Item Number with Wattage	**15PR100SS** - 100W **15PR600SS** - 600W **15PR200SS** - 200W **15PR900SS** - 900W **15PR300SS** - 300W **15PR1200SS** - 1200W	**15PR75SS** - 75W
Input Voltage	120V	120V
Output Multi-Taps	12/13/14/15 Volts. 2 separate sets of multi-tap output with angled terminal blocks for easy wire input.	15 Volts, with angled terminal blocks for easy wire input
Core and Coil	High-efficiency E.I. core and coil configuration (100W-600W). High-efficiency toroid core and coil (900W-1200W).	High-efficiency toroid core and coil configuration
Door Style	Easy magnetic flip-and-stay-open door	Easy magnetic flip-and-stay-open door
Easy-Connect Terminal Lug Capacity	Up to 8, #10-gauge wires or up to 10, #12-gauge wires per tap	Up to 8, #10-gauge wires or up to 10, #12-gauge wires per tap
Secondary Side Protection	Magnetic breaker	Magnetic breaker
Timer/Photocell	Compatible with plug-in timer and plug-in photocells	Compatible with plug-in timer and plug-in photocells
Cord	6' of usable SJTW cord	6' of usable #18-3 SJTW cord
Conduit Knockouts	4 pre-punched field knockouts sized for .5" or .75" conduit (trade sizes) and one large center 1.75" inlet	4 pre-punched field knockouts sized for .5" or .75" conduit (trade sizes) and one large center 1.75" inlet
Notes	Includes mounting hardware. Dedicated wire loop for testing primary voltage.	Includes mounting hardware
Accessories	**15556WH** Digital Timer **15557BK** Mechanical Timer **15565BK** Standard Photocell **15534BK** 10' Remote Photocell **15511BK** Synchronizer	**15556WH** Digital Timer **15557BK** Mechanical Timer **15565BK** Standard Photocell **15534BK** 10' Remote Photocell **15511BK** Synchronizer
Dimensions	**19" L x 5.5" W x 5.75" D** - 100W-300W **19" L x 6.75" W x 5.75" D** - 600W **21" L x 6.75" W x 6" D** - 900W **17.5" L x 8" W x 7" D** - 1200W	**16.5" L x 5.5" W x 5.75" D**

	Professional Series PR 2-in-1	Contractor Series CS — 75W
Finish	**#304 Stainless Steel**	**#304 Stainless Steel**
Item Number with Wattage	**15PRD600SS** - 600W	**15CS75SS** - 75W
Input Voltage	120V	120V
Output Multi-Taps	12/13/14/15 Volts. 2 separate sets of multi-tap output with angled terminal blocks for easy wire input.	12/15 Volts
Core and Coil	High-efficiency toroid core and coil configuration	High-efficiency fully encapsulated toroidal
Door Style	Easy magnetic flip-and-stay-open door	Removable front plate with two locking screws
Easy-Connect Terminal Lug Capacity	Up to 8, #10-gauge wires or up to 10, #12-gauge wires per tap	Up to 14, #16-gauge wires per tap
Secondary Side Protection	Magnetic breaker	Magnetic breaker
Timer/Photocell	Compatible with plug-in timers and photocells. Two timer outlets for independent zone control of 2 independent lighting zones.	Integrated mechanical timer; plug-in photocell compatible
Cord	6' of usable #16-3 SJTW cord	6' of usable #18-3 SJTW cord
Conduit Knockouts	4 pre-punched field knockouts sized for .5" or .75" conduit (trade sizes) and one large center 1.75" inlet	2 pre-punched field knockouts sized for .5" or .75" conduit (trade sizes)
Notes	Includes mounting hardware. Comprised of 2-300W independently controlled transformers.	Includes mounting hardware. Dedicated wire loop for testing primary voltage. Department of Energy certified. Safety listings: cUL 1838, CSA 22.2.
Accessories	**15556WH** Digital Timer **15557BK** Mechanical Timer **15565BK** Standard Photocell **15534BK** 10' Remote Photocell **15511BK** Synchronizer	**15556WH** Digital Timer **15557BK** Mechanical Timer **15565BK** Standard Photocell **15534BK** 10' Remote Photocell **15511BK** Synchronizer
Dimensions	**21.25" L x 6.75" W x 5.75" D**	**8.23" L x 3.67" W x 4.59" D**

Transformers

Contractor Series

	Contractor Series CS − 150W	Contractor Series CS − 300W
Finish	**#304 Stainless Steel**	**#304 Stainless Steel**
Item Number with Wattage	**15CS150SS** - 150W	**15CS300SS** - 300W
Input Voltage	120V	120V
Output Multi-Taps	12/13/14/15 Volts	12/13/14/15 Volts
Core and Coil	High-efficiency fully encapsulated toroidal	High-efficiency fully encapsulated toroidal
Door Style	Fully removable hinge-style door with buckle latch	Fully removable hinge-style door with buckle latch
Easy-Connect Terminal Lug Capacity	Up to 10, #12-gauge wires per tap	Up to 10, #12-gauge wires per tap
Secondary Side Protection	Magnetic breaker	Magnetic breaker
Timer/Photocell	Compatible with plug-in timer and photocells	Compatible with plug-in timer and photocells
Cord	6' of usable #18-3 SJTW cord	6' of usable #18-3 SJTW cord
Conduit Knockouts	4 pre-punched field knockouts sized for .5" or .75" conduit (trade sizes) and one large center 1.75" inlet	4 pre-punched field knockouts sized for .5" or .75" conduit (trade sizes) and one large center 1.75" inlet
Notes	Includes mounting hardware. Dedicated wire loop for testing primary voltage. Department of Energy certified. Safety listings: cUL 1838, CSA 22.2.	Includes mounting hardware. Dedicated wire loop for testing primary voltage. Department of Energy certified. Safety listings: cUL 1838, CSA 22.2.
Accessories	**15556WH** Digital Timer **15557BK** Mechanical Timer **15565BK** Standard Photocell **15534BK** 10' Remote Photocell **15511BK** Synchronizer	**15556WH** Digital Timer **15557BK** Mechanical Timer **15565BK** Standard Photocell **15534BK** 10' Remote Photocell **15511BK** Synchronizer
Dimensions	**13" L x 5.55" W x 5.51" D**	**13" L x 5.55" W x 5.51" D**

	Contractor Series CS — 600W	Contractor Series CS — 900W
Finish	**#304 Stainless Steel**	**#304 Stainless Steel**
Item Number with Wattage	**15CS600SS** - 600W	**15CS900SS** - 900W
Input Voltage	120V	120V
Output Multi-Taps	12/13/14/15 Volts	12/13/14/15 Volts
Core and Coil	High-efficiency fully encapsulated toroidal	High-efficiency fully encapsulated toroidal
Door Style	Fully removable hinge-style door with buckle latch	Fully removable hinge-style door with buckle latch
Easy-Connect Terminal Lug Capacity	Up to 10, #12-gauge wires per tap	Up to 10, #12-gauge wires per tap
Secondary Side Protection	Magnetic breaker	Magnetic breaker
Timer/Photocell	Compatible with plug-in timer and photocells	Compatible with plug-in timer and photocells
Cord	6' of usable #18-3 SJTW cord	6' of usable #18-3 SJTW cord
Conduit Knockouts	4 pre-punched field knockouts sized for .5" or .75" conduit (trade sizes) and one large center 1.75" inlet	8 pre-punched field knockouts sized for .5" or .75" conduit (trade sizes) and one large center 1.75" inlet
Notes	Includes mounting hardware. Dedicated wire loop for testing primary voltage. Department of Energy certified. Safety listings: cUL 1838, CSA 22.2.	Includes mounting hardware. Dedicated wire loop for testing primary voltage. Department of Energy certified. Safety listings: cUL 1838, CSA 22.2.
Accessories	**15556WH** Digital Timer **15557BK** Mechanical Timer **15565BK** Standard Photocell **15534BK** 10' Remote Photocell **15511BK** Synchronizer	**15556WH** Digital Timer **15557BK** Mechanical Timer **15565BK** Standard Photocell **15534BK** 10' Remote Photocell **15511BK** Synchronizer
Dimensions	**14.3" L x 6.65" W x 6.1" D**	**15.6" L x 7.8" W x 7.16" D**

Transformers

Contractor Series
Plus Series
Manual Series

	Contractor Series CS — 1200W	Plus Series PL — 100W–900W
Finish	**#304 Stainless Steel**	**Painted Steel with AZT finish**
Item Number with Wattage	**15CS1200SS** - 1200W	**15PL100AZT** - 100W **15PL600AZT** - 600W **15PL200AZT** - 200W **15PL900AZT** - 900W **15PL300AZT** - 300W
Input Voltage	120V	120V
Output Multi-Taps	12/13/14/15 Volts. 12V Single Tap with High/Low Switch.	12/13/14/15 Volts
Core and Coil	High-efficiency fully encapsulated toroidal	High-efficiency E.I. core and coil configuration High-efficiency toroid core and coil (600W-900W)
Door Style	Fully removable hinge-style door with buckle latch	Easy magnetic flip-and-stay-open door
Easy-Connect Terminal Lug Capacity	Up to 10, #12-gauge wires per tap	Up to 8, #10-gauge wires or up to 10, #12-gauge wires per tap
Secondary Side Protection	Magnetic breaker	Magnetic breaker
Timer/Photocell	Compatible with plug-in timer and photocells	Compatible with plug-in timer and plug-in photocells
Cord	6' of usable #18-3 SJTW cord	6' of usable #18-3 SJTW cord (100W-300W) 6' of usable #16-3 SJTW cord (600W-900W)
Conduit Knockouts	8 pre-punched field knockouts sized for .5" or .75" conduit (trade sizes) and one large center 1.75" inlet	4 pre-punched field knockouts sized for .5" or .75" conduit (trade sizes) and one large center 1.75" inlet
Notes	Includes mounting hardware. Dedicated wire loop for testing primary voltage. Department of Energy certified. Safety listings: cUL 1838, CSA 22.2.	Includes mounting hardware
Accessories	**15556WH** Digital Timer **15557BK** Mechanical Timer **15565BK** Standard Photocell **15534BK** 10' Remote Photocell **15511BK** Synchronizer	**15556WH** Digital Timer **15557BK** Mechanical Timer **15565BK** Standard Photocell **15534BK** 10' Remote Photocell **15511BK** Synchronizer
Dimensions	**16.85" L x 8.3" W x 8.27" D**	**19" L x 5.5" W x 5.75" D** - 100W-300W **19" L x 6.75" W x 5.75" D** - 600W **21" L x 6.75" W x 6" D** - 900W

	Plus Series PL – 75W	Manual Series M – 100W-600W	
Finish	**AZT**	**AZT**	
Item Number with Wattage	**15PL75AZT** - 75W	**15M100AZT** - 100W **15M200AZT** - 200W	**15M300AZT** - 300W **15M600AZT** - 600W
Input Voltage	120V	120V	
Output Multi-Taps	15 Volts	12 Volts	12/13/15 Volts
Core and Coil	High-efficiency fully encapsulated toroidal	High-efficiency E.I. core and coil configuration	
Door Style	Easy magnetic flip-and-stay-open door		
Easy-Connect Terminal Lug Capacity	Up to 8, #10-gauge wires or up to 10, #12-gauge wires per tap		
Secondary Side Protection	Magnetic breaker	Thermal reset breaker	Magnetic breaker
Timer/Photocell	Compatible with plug-in timer and plug-in photocells		
Cord	6' of usable #18-3 SJTW cord	6' of usable #18-3 SJTW cord (100W-200W)	6' of usable #18-3 SJTW cord (300W) 6' of usable #16-3 SJTW cord (600W only)
Conduit Knockouts	4 pre-punched field knockouts sized for .5" or .75" conduit (trade sizes) and one large center 1.75" inlet		
Notes	Includes mounting hardware		
Accessories	**15556WH** Digital Timer **15557BK** Mechanical Timer **15565BK** Standard Photocell **15534BK** 10' Remote Photocell **15511BK** Synchronizer		
Dimensions	**16.5" L x 5.5" W x 5.75" D**	**8" L x 3.25" W x 3" D** - 100W **13.25" L x 3.5" W x 4" D** - 200W	**13.5" L x 4.5" W x 4" D** - 300W **14.25" L x 5.5" W x 5" D** - 600W

Transformers

Economy Series
In-Ground

	Economy Series E – 60W-120W		In-Ground – 100W-600W
Finish	BK		Black All-Weather Composite
Item Number with Wattage	**15E60BK** - 60W	**15E120BK** - 120W	**15IGT100** - 100W **15IGT300** - 300W **15IGT600** - 600W
Input Voltage	120V		120V
Output Multi-Taps	12/13/14/15 Volts		12/13/14/15 Volts (100W-600W). Flying lead secondary side output wires.
Core and Coil	High-efficiency E.I. core and coil configuration		High-efficiency toroid core and coil configuration
Door Style	Flip-up polycarbonate see-through door		
Secondary Side Protection	Thermal reset breaker		Magnetic breaker
Timer/Photocell	Integral timer and photocell with on/off presets		For use with remote timers, photocells or other control system
Cord	6' of usable #18-2 SJTW cord		no cord (N/A)
Notes			Color-coded, flying wire, lead multi-taps. 1.25" conduit knockouts.
Accessories			**15608AZ** Well Concrete Kit
Dimensions	**6.75" L x 3.75" W x 3.75" D**		**13.25" Dia., 9.625" L**

ACCESSORIES for LOW-VOLTAGE TRANSFORMERS

Along with a wide variety of transformers, Kichler® offers a full compliment 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.

15557 BK
Mechanical Transformer Timer

Plug-in timer suitable for outdoor temperatures when enclosed in an outdoor transformer enclosure. For use in all Professional Series, Contractor Series and Plus Series transformers.

15565 BK
Plug-in Transformer Photocell

Plug-in photocell is for use with all Professional Series, Contractor Series and Plus Series transformers.

15556 WH
Digital Transformer Timer

Battery backup included. Straight-forward programming and easy day light savings change over. For use with all Professional Series, Contractor Series and Plus Series transformers.

15511 BK
Synchronizer Device

Synchronize all transformers used in a landscape setting so they turn on andoff at the same time. Jumper wire (not included) should be a minimum of 24 gauge.

15534 BK
Plug-in Transformer Remote Photocell

Plug-in photocell with 10' cord is for use with all Professional Series, Contractor Series and Plus Series transformers.

Transformers

Comparison Chart

● = Included
● = Optional

	PROFESSIONAL								CONTRACTOR						PLUS					
	15PR75 SS	15PR100 SS	15PR200 SS	15PR300 SS	15PRD600 SS 2-in-1	15PR600 SS	15PR900 SS	15PR1200 SS	15CS75 SS	15CS150 SS	15CS300 SS	15CS600 SS	15CS900 SS	15CS1200 SS	15PL75 AZT	15PL100 AZT	15PL200 AZT	15PL300 AZT	15PL600 AZT	15PL900 AZT
	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"	8.23"x 3.67"x 4.59"	13"x 5.55"x 5.51"	13"x 5.55" x 5.51"	14.3"x 6.65"x 6.1"	15.6"x 7.8"x 7.16"	16.85"x 8.3"x 8.27"	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"
Wattage (VA)	75	100	200	300	600	600	900	1200	75	150	300	600	900	1200	75	100	200	300	600	900
Automatic Timer	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Photoelectric 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 Hardware	●	●	●	●	●	●	●	●							●	●	●	●	●	●
Textured Architectural Bronze or Powder Coat Finish															●	●	●	●	●	●
#304 Grade Stainless Steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●						
Composite Housing																				
High-Efficiency E.I. Core and Coil Configuration		●	●	●		●										●	●	●	●	
High-Efficiency Toroid Core and Coil Configuration	●				●		●	●	●	●	●	●	●	●	●					●

	MANUAL				ECO		IN-GROUND		
	15M100 AZT	15M200 AZT	15M300 AZT	15M600 AZT	15E60 BK	15E120 BK	15IGT100	15IGT300	15IGT600
	8"x 3.25"x 3"	13.25"x 3.5"x 4"	13.5"x 4.5"x 4"	14.25"x 5.5"x 5"	6.75"x 3.75"x 3.75"	6.75"x 3.75"x 3.75"	9.625"x 13.25" dia.	9.625"x 13.25" dia.	9.625"x 13.25" dia.
Wattage (VA)	100	200	300	600	60	120	100	200	300
Automatic Timer					●	●	●	●	●
Photoelectric 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 Hardware									
Textured Architectural Bronze or Powder Coat Finish	●	●	●	●					
#304 Grade Stainless Steel									
Composite Housing					●	●	●	●	●
High-Efficiency E.I. Core and Coil Configuration	●	●	●	●	●	●			
High-Efficiency Toroid Core and Coil Configuration							●	●	●

For warranty information, visit **Kichler.com/Warranty**.

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

12V Retrofit Accent

Retrofit with LED Lamps

When an existing system needs an update or upgrade, Kichler offers a variety of LED or incandescent accent lights that deliver professional results.

Retrofit Accent

Mini Accent

Finishes	AZT (shown), BKT, CBR, CO		Additional Finishes
Item Number and Finish	15384 AZT 15384 AZT24 15384 BKT	15384 BKT24 15384 CBR 15384 CO	BKT
Housing	Cast Aluminum, Cast Brass (CBR) or Unfinished Copper (CO) with heat-resistant flat glass lens		
Lamp Base	12V Bi-Pin, high-temperature porcelain socket		CBR
Lamp Options-Power Usage at 12V AC input	Incandescent: 50W(VA) MR16 35W(VA) Max. on 15384CO 20W(VA) Max. Canada	LED: 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen	CO
Wiring	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes 8" slotted in-ground stake. Copper and brass will naturally patina over time.		
Accessories	Mounting: 15601 Surface Mounting Flange 15607 Surface Mounting Bracket 15609 Junction Box Mounting Bracket 15647 90° Elbow 15649 Stem Coupler 15645, 15656, 15657, 15658, 15570 Stems	Lens: 15675 LIN Linear Lens 15676 FRO Frosted Lens 15679 BK Hexcell Louver Shield 15686 BL Blue Lens	
Dimensions	6" 2.5" 2"	115°	
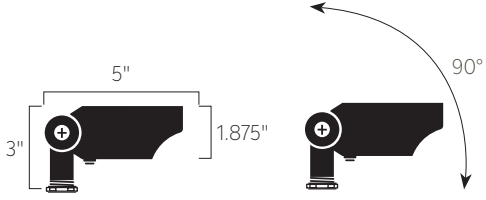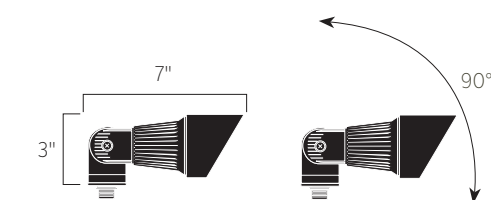
	MR8 Accent Light	MR11 Accent Light
Finishes	**CBR**	**CBR**
Item Number and Finish	**15483** CBR	**15484** CBR
Housing	Cast Brass	Cast Brass
Lamp Base	12V Bi-Pin, high-temperature porcelain socket	
Lamp Options-Power Usage at 12V AC input	**LED only:** 2W MR8 (18150-18157) Compares up to 15W Halogen	**LED only:** 2.5W MR11 (18158-18165) Compares up to 20W Halogen
Wiring	30" of usable #18-2, SPT-1W leads. Cable connectors not included.	
Notes	Includes 8" slotted in-ground stake. Cowl allows for in-field beam adjustment by adjusting cowl up or down. Brass will naturally patina over time.	
Accessories	**Mounting:** **15609** Junction Box Mounting Bracket **15489CBR** Gutter Mount **15514CBR** 90° Elbow **15515CBR** Two Fixture Mount **15516CBR** Surface Mount **15645, 15656, 15657, 15658, 15570, 15509, 15510, 15511, 15512, 15513** Stems	**Lens:** **15632 LIN** Linear Lens **15633 FRO** Frosted Lens **15634 BK** Hexcell Louver Shield **15631 BL** Blue Lens
Dimensions	4.5" 1.5" 1.5" 115°	4.75" 2.5" 1.75" 115°

Retrofit Accent

	Long Cowl Mini Accent	**Architectural** - Grade Adjustable
Finishes	**AZT**	**AZT**
Item Number and Finish	**15484** AZT	**15397** AZT
Housing	Cast Aluminum with heat-resistant, fully sealed flat glass lens	Machined Aluminum with heat-resistant, fully sealed glass and angled for easy water run-off. Cowl is fully adjustable.
Lamp Base	12V Bi-Pin, high-temperature porcelain socket	
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 50W(VA) MR16 20W(VA) Max. Canada 35W(VA) MR11 — **LED:** 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen	**Incandescent:** 50W(VA) MR16 35W(VA) Max. Canada 35W(VA) MR11 — **LED:** 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen
Wiring	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.	51" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Includes 8" slotted in-ground stake	Includes 8" slotted in-ground stake. Use with the 6" (15645), 12" (15656), 18" (15657) or 24" (15658) mounting stems for dramatic results.
Accessories	**Mounting:** **15601** Surface Mounting Flange **15607** Surface Mounting Bracket **15609** Junction Box Mounting Bracket **15647** 90° Elbow **15649** Stem Coupler **15645, 15656, 15657, 15658, 15570** Stems	**Lens:** **15675 LIN** Linear Lens **15676 FRO** Frosted Lens **15679 BK** Hexcell Louver Shield **15683 BK** Louver **15686 BL** Blue Lens **15693 BL** Blue Lens
Dimensions	*Illustrated with **15657** 18" mounting stem and **15649** stem coupler (both sold separately).*	*Illustrated with **15657** 18" mounting stem (sold separately).*

See page 169 for compatible incandescent lamps and pages 167-168 for LED lamps. Each product lists compatible item number(s) for reference.

	Micro Accent MR11	Accent	
Finishes	**AZT**	**BKT** (shown), AZT	Additional Finishes
Item Number and Finish	**15398** AZT	**15309** AZT **15309** AZT 12 **15309** BKT	**AZT**
Housing	Cast Aluminum with heat-resistant, fully sealed glass	Cast Aluminum with heat-resistant, fully sealed, flat glass lens	
Lamp Base	12V Bi-Pin, high-temperature porcelain socket		
Lamp Options-Power Usage at 12V AC input	Incandescent: 35W(VA) MR11 20W(VA) Max. Canada LED: 2.5W MR11 (18158-18165)	Incandescent: 35W(VA) MR16 35W(VA) MR11 LED: 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen	
Wiring	36" of usable #18-2, SPT-1W leads. Cable connectors supplied.	51" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 8" slotted in-ground stake. This is our smallest incandescent 1.875" accent light.	Includes 20-W(VA) MR16 lamp, halogen light source. Includes 8" slotted in-ground stake	
Accessories	**Mounting:** **15601** Surface Mounting Flange **15607** Surface Mounting Bracket **15609** Junction Box Mounting Bracket **15647** 90° Elbow **15649** Stem Coupler **15645, 15656, 15657, 15658, 15570** Stems	**Lens:** **15632 LIN** Linear Lens **15633 FRO** Frosted Lens **15634 BK** Hexcell Louver Shield **15631 BL** Blue Lens	
Dimensions	5" 3" 1.875" 90°	7" 3" 90°	

Retrofit Accent

	Accent		Composite
Finishes	**BKT** (shown), AZT	Additional Finishes	**BK**
Item Number and Finish	15374 AZT 15374 BKT 15374 AZT20L 15374 BKT20L 15374 AZT20L24 15374 BKT20L24	AZT	15382 BK
Housing	Cast Aluminum. with heat-resistant, fully sealed flat glass lens.		Components of durable high-heat thermoplastic composite resin. Heat-resistant flat glass lens is fully sealed.
Lamp Base	12V Bi-Pin, high-temperature porcelain socket		12V Bi-Pin, high-temperature porcelain socket
Lamp Options-Power Usage at 12V AC input	Incandescent: 50W(VA) MR16 20W(VA) Max. Canada	LED: 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen	Incandescent: 35W(VA) MR16 / LED: 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen
Wiring	31" of usable #18-2, SPT-1W leads. Cable connectors supplied.		30" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Includes 8" slotted in-ground stake		Includes 8" slotted in-ground stake
Accessories	**Mounting:** 15601 Surface Mounting Flange 15607 Surface Mounting Bracket 15609 Junction Box Mounting Bracket **Lens:** 15642 **LIN** Linear Lens 15643 **FRO** Frosted Lens 15644 **BK** Hexcell Louver Shield 15641 **BL** Blue Lens		15647 90° Elbow 15649 Stem Coupler 15645, 15656, 15657, 15658, 15570 Stems **Lens:** 15674 **LIN** Linear Lens 15672 **FRO** Frosted Lens 15673 **BL** Blue Lens
Dimensions	7.5" 3" 2.5" 90°		6.5" 5" 3" 90°

	MR16 Accent Fixed Socket Adjustable Cowl	MR16 Accent Fixed Socket
Finishes	**CBR**	**CBR**
Item Number and Finish	**15485** CBR	**15517** CBR
Housing	Cast Brass (CBR)	Cast Brass (CBR)
Lamp Base	12V Bi-Pin, high-temperature porcelain socket	
Lamp Options-Power Usage at 12V AC input	**LED only:** 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen	**LED only:** 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen
Wiring	30" of usable #18-2, SPT-1W leads. Cable connectors not included.	
Notes	Flat Glass; includes 8" slotted in-ground stake. Telescoping cowl allows for in-field beam adjustment. Brass will naturally patina over time.	Convex Glass; includes 8" slotted in-ground stake. Brass will naturally patina over time.
Accessories	**Mounting:** **15609** Junction Box Mounting Bracket **15489CBR** Gutter Mount **15514CBR** 90° Elbow **15515CBR** Two Fixture Mount **15516CBR** Surface Mount **15645, 15656, 15657, 15658, 15570, 15509, 15510, 15511, 15512, 15513** Stems **Lens:** **15675 LIN** Linear Lens **15676 FRO** Frosted Lens **15679 BK** Hexcell Louver Shield **15686 BL** Blue Lens	**Mounting:** **15609** Junction Box Mounting Bracket **15489CBR** Gutter Mount **15514CBR** 90° Elbow **15515CBR** Two Fixture Mount **15516CBR** Surface Mount **15645, 15656, 15657, 15658, 15570, 15509, 15510, 15511, 15512, 15513** Stems
Dimensions	5" 4" 2.5" 115°	7.25" 3" 2.5" 115°

Retrofit Accent

	Solid Brass Accent	MR16	
Finishes	**CBR**	**BBR** (shown), AZT, BKT	**Additional Finishes**
Item Number and Finish	**15475** CBR	**15381** AZT **15381** BBR **15381** AZT6 **15381** BKT	**AZT** **BKT**
Housing	Cast Brass	Cast Aluminum or Cast Brass (BBR) with heat resistant, fully sealed, clear, flat glass lens	
Lamp Base	12V Bi-Pin, high-temperature porcelain socket	12V Bi-Pin, high-temperature porcelain socket	
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 35W(VA) MR16 **LED:** 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen	**Incandescent:** 75W(VA) MR16 **LED:** 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen	
Wiring	30" of usable #18-2, SPT-1W leads. Cable connectors supplied.	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 8" slotted in-ground stake and cowl with convex lens. Not recommended for down light applications. Brass will naturally patina over time.	Includes 8" slotted in-ground stake. Brass will naturally patina over time.	
Accessories	**Mounting:** **15601** Surface Mounting Flange **15607** Surface Mounting Bracket **15609** Junction Box Mounting Bracket **Lens:** **15675 LIN** Linear Lens **15676 FRO** Frosted Lens **15679 BK** Hexcell Louver Shield **15686 BL** Blue Lens	**15647** 90° Elbow **15649** Stem Coupler **15645, 15656, 15657, 15658, 15570** Stems **LK87CBR** Lock Nut **Lens:** **15692 LIN** Linear Lens **15691 FRO** Frosted Lens **15680 BK** Hexcell Louver Shield **15687 BL** Blue Lens	
Dimensions	4.625" 6.25" 4.5" 90°	5.20" 2.25" 90°	

	Bi-Pin	PAR36 Uplight
Finishes	**AZT**	**CBR**
Item Number and Finish	**15383** AZT	**15487** CBR
Housing	Cast Aluminum with heat-resistant, fully sealed, clear, flat glass lens	Cast Brass
Lamp Base	12V Bi-Pin, high-temperature porcelain socket	12V PAR36 socket terminal
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 75W(VA) MR16 **LED:** 1.2W T3/G4 Bi-Pin (18200, 18201) Compares up to 10W Halogen 2W T3/G4 Bi-Pin (18206, 18207) Compares up to 20W Halogen	**LED only:** 4W PAR36 (18166-18173) Compares up to 20W Halogen 6W PAR36 (18174-18181) Compares up to 35W Halogen 10W PAR36 (18182-18189) Compares up to 50W Halogen 11W PAR36 (18021-18028) Compares up to 50W Halogen 14W PAR36 (18190-18197) Compares up to 75W Halogen
Wiring	38" of usable #18-2, SPT-1W leads. Cable connectors supplied.	30" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Includes 8" slotted in-ground stake and 50W(VA) Q50T4 (17015), Halogen light source.	Includes 8" slotted in-ground stake. Brass will naturally patina over time.
Accessories	**Mounting:** **15601** Surface Mounting Flange **15607** Surface Mounting Bracket **15609** Junction Box Mounting Bracket	**15647** 90° Elbow **15649** Stem Coupler **15645, 15656, 15657, 15658, 15570** Stems
Dimensions	4.625" / 6.25" / 4.5" / 90°	6" / 5.75" / 4.5"

Retrofit Accent

	PAR36	Adjustable Wide Flood
Finishes	**AZT**	**AZT**
Item Number and Finish	**15390** AZT	**15395** AZT
Housing	Cast Aluminum	Cast Aluminum. Heat-resistant flat glass is fully sealed.
Lamp Base	12V PAR36 lamp	12V Bi-Pin, high-temperature porcelain socket
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 50W(VA) PAR36 / **LED:** 4W PAR36 (18166-18173) Compares up to 20W Halogen 6W PAR36 (18174-18181) Compares up to 35W Halogen 10W PAR36 (18182-18189) Compares up to 50W Halogen 11W PAR36 (18021-18029) Compares up to 50W Halogen 14W PAR36 (18190-18197) Compares up to 75W Halogen	**Incandescent:** 75W(VA) / **LED:** 1.2W T3/G4 Bi-Pin (18200, 18201) Compares up to 10W Halogen
Wiring	42" of usable #18-2, SPT-1W leads. Cable connectors supplied. Supply wire lugs attach directly to PAR36 light bulb screw terminals. Light bulb secured in place with retaining ring.	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Includes 8" slotted in-ground stake	Includes 8" slotted in-ground stake and 50W(VA) Q50T4 (17015), Halogen light source. U.S. Patent D417,519.
Accessories	**Mounting:** **15601** Surface Mounting Flange **15607** Surface Mounting Bracket **15609** Junction Box Mounting Bracket	**15647** 90° Elbow **15649** Stem Coupler **15645, 15656, 15657, 15658, 15570** Stems
Dimensions	4" / 7.25" / 5.25" / 90°	6.75" / 5" / 4.5" / 90°

	Miniature Hooded Adjustable Wide Flood		Hooded Adjustable Wide Flood	
Finishes	**AZT**		**AZT**	
Item Number and Finish	**15396** AZT		**15385** AZT	
Housing	Cast Aluminum. Heat-resistant flat glass lens is fully sealed.		Cast Aluminum. Heat-resistant flat glass lens is fully sealed.	
Lamp Base	12V Bi-Pin, high-temperature porcelain socket			
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 35W(VA)	**LED:** 1.2W T3/G4 Bi-Pin (18200, 18201) Compares up to 10W Halogen	**Incandescent:** 75W(VA)	**LED:** 1.2W T3/G4 Bi-Pin (18200, 18201) Compares up to 10W Halogen
Wiring	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.		35" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 8" slotted in-ground stake and 35W(VA) QT3 (17013), Halogen light source.		Includes 8" slotted in-ground stake and 50W(VA) QT4 (17015), Halogen light source.	
Accessories	**Mounting:** **15601** Surface Mounting Flange **15607** Surface Mounting Bracket **15609** Junction Box Mounting Bracket		**15647** 90° Elbow **15649** Stem Coupler **15645, 15656, 15657, 15658, 15570** Stems	
Dimensions	4.5" 5" 90°		5.375" 6" 90°	

Retrofit Accent

	Solid Brass Mini Wall Wash	Adjustable Wall Wash	
Finishes	CBR	BKT (shown), AZT	Additional Finishes
Item Number and Finish	15476 CBR	15361 AZT 15361 BKT	
Housing	Cast Brass	Cast Aluminum with clear polycarbonate shield	AZT
Lamp Base	12V T5 Wedge base socket	12V S8 Wedge base socket	
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 16W(VA) Type 921 — **LED:** 2W T5 Wedge (18120, 18121) Compares up to 16W Xenon / 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen / 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen	**Incandescent:** 24.4W(VA) — **LED:** 2W S8 Wedge (18122, 18123) Compares up to 18.5W Krypton / 2W S8 Wedge (18202, 18203) Compares up to 20W Krypton	
Wiring	53" of usable #18-2, SPT-1W leads. Cable connectors are not included.	42" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 8" slotted in-ground stake. Optional lens accessories supplied: linear and clear glass options. Brass will naturally patina over time.	Includes 8" slotted in-ground stake and 24.4 W(VA) 3156K (15598 CLR), Krypton light source. LED option of fixture **15861** on page 33.	
Accessories	**Mounting:** **15601** Surface Mounting Flange **15607** Surface Mounting Bracket **LK87CBR** Lock Nut	**15609** Junction Box Mounting Bracket **15647** 90° Elbow **15649** Stem Coupler **15645, 15656, 15657, 15658, 15570** Stems	
Dimensions	4" 2.5" 4.25" Adjustable	3.25" 9" 6" Adjustable	

	MR16 Downlight	MR16 Mini Downlight	
Finishes	**CBR**	**AZT**	
Item Number and Finish	**15486** CBR	**15087** AZT	
Housing	Cast Brass	Cast Aluminum with stainless steel screen	
Lamp Base	12V Bi-Pin, high-temperature porcelain socket		
Lamp Options-Power Usage at 12V AC input	**LED Only:** 4W MR16 (18126–18133) Compares up to 20W Halogen 5W MR16 (18134–18141) Compares up to 35W Halogen 7W MR16 (18142–18149) Compares up to 50W Halogen	**Incandescent:** 50W(VA) MR16 20W(VA) Max. Canada 35W(VA) MR11	**LED:** 4W MR16 (18126–18133) Compares up to 20W Halogen 5W MR16 (18134–18141) Compares up to 35W Halogen 7W MR16 (18142–18149) Compares up to 50W Halogen
Wiring	30" of usable #18-2, SPT-1W leads. Cable connectors supplied.	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 8" slotted in-ground stake and Surface Mounting Bracket **15516CBR**. For downlight use only.	Includes Surface Mounting Bracket **15607**. For downlight use only.	
Accessories	**Mounting:** **15489CBR** Gutter Mount **15609** Junction Box Mounting Bracket	**Mounting:** **15601** Surface Mounting Flange **15609** Junction Box Mounting Bracket	
Dimensions	9" 3.25" 2.25"	6" 2.375" 3.75"	

Retrofit Accent

	MR16 Mini Downlight		Long Cowl Mini Downlight	
Finishes	**WHT**		**AZT**	
Item Number and Finish	**15093** WHT		**15494** AZT	
Housing	Cast Aluminum with stainless steel screen		Cast Aluminum with heat-resistant, fully sealed, flat glass lens	
Lamp Base	12V Bi-Pin, high-temperature porcelain socket			
Lamp Options-Power Usage at 12V AC input	Incandescent: 50W(VA) MR16 20W(VA) Max. Canada 35W(VA) MR11	LED: 4W MR16 (18126–18133) Compares up to 20W Halogen 5W MR16 (18134–18141) Compares up to 35W Halogen 7W MR16 (18142–18149) Compares up to 35W Halogen	Incandescent: 50W(VA) MR16 20W(VA) Max. Canada 35W(VA) MR11	LED: 4W MR16 (18126–18133) Compares up to 20W Halogen 5W MR16 (18134–18141) Compares up to 35W Halogen 7W MR16 (18142–18149) Compares up to 35W Halogen
Wiring	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.		35" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes White Surface Mounting Bracket **15607** and hardware. For downlight use only.		Includes Juntion Box Mounting Bracket **15609**	
Accessories			Mounting: **15601** Surface Mounting Flange **15607** Surface Mounting Bracket	Lens: **15675 LIN** Linear Lens **15676 FRO** Frosted Lens **15679 BK** Hexcell Louver Shield **15686 BL** Blue Lens
Dimensions				

	Solid Hanging Light	Twinkler Hanging Light
Finishes	**CBR**	**CBR**
Item Number and Finish	**15500** CBR	**15501** CBR
Housing	Cast Brass	Cast Brass
Lamp Base	12V Bi-Pin, high-temperature porcelain socket	
Lamp Options-Power Usage at 12V AC input	LED only: 2W MR8 (18150-18157) Compares up to 15W Halogen 2.5W MR11 (18158-18165) Compares up to 20W Halogen 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen 1.2W Micro Ceramic (18200, 18201) Compares up to 10W Halogen 2W T3/G4 Bi-Pin (18206, 18207) Compares up to 20W Halogen	LED only: 2W MR8 (18150-18157) Compares up to 15W Halogen 2.5W MR11 (18158-18165) Compares up to 20W Halogen 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen 1.2W Micro Ceramic (18200, 18201) Compares up to 10W Halogen 2W T3/G4 Bi-Pin (18206, 18207) Compares up to 20W Halogen
Wiring	36" of usable #18-2, SPT-1W leads. Cable connectors are not included.	36" of usable #18-2, SPT-1W leads. Cable connectors are not included.
Notes	Includes mounting bracket. 72" brass chain with removable links. Brass will naturally patina over time.	Includes mounting bracket. 72" brass chain with removable links. Brass will naturally patina over time.
Dimensions	6' Chain and Mounting Bracket Provided 4.25" 2.25"	6' Chain and Mounting Bracket Provided 5.75" 2.25"

12V Retrofit
In-Ground

Retrofit with LED Lamps

A variety of solutions and sizes assure easy retrofit installation and long-term durability.

Retrofit In-Ground

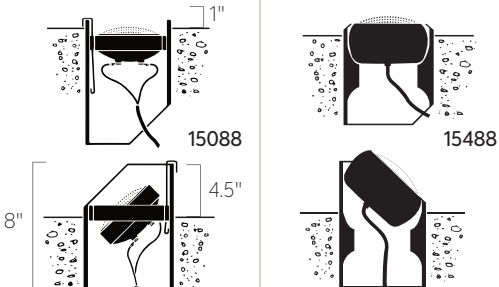|	MR8 Recessed Basic Trim	MR8 Recessed Louvered
Finishes	**CBR**	**CBR**
Item Number and Finish	**15490** CBR	**15492** CBR
Housing	Cast Brass with tempered glass lens	Cast Brass with tempered glass lens
Lamp Base	12V Bi-Pin, high-temperature porcelain with removable spring-loaded socket	
Lamp Options-Power Usage at 12V AC input	**LED only:** 2W MR8 (18150-18157) Compares to 15W Halogen	**LED only:** 2W MR8 (18150-18157) Compares to 15W Halogen
Wiring	48" of usable #18-2, SPT-1W leads. Cable connectors not included.	
Notes	Includes 5.5" plastic sleeve. Works with 1.25" Schedule 40 PVC. 1.25" core drill option without sleeve. Walk-over and drive-over rated. Brass will naturally patina over time.	
Dimensions	1.9" 2.85" 5.5" 1.3"	1.9" 2.85" 5.5" 1.3"

See page 169 for compatible incandescent lamps and pages 167-168 for LED lamps. Each product lists compatible item number(s) for reference.

	MR8 Recessed with Cowl	Brass Trim In-Ground
Finishes	**CBR**	**CBR**
Item Number and Finish	**15491** CBR	**15495** CBR
Housing	Cast Brass with tempered glass lens	Cast Brass with tempered glass lens and composite housing
Lamp Base	12V Bi-Pin, high-temperature porcelain with removable spring loaded socket	12V Bi-Pin, high-temperature porcelain socket. Articulating socket to aim light source.
Lamp Options-Power Usage at 12V AC input	**LED only:** 2W MR8 (18150-18157) Compares to 15W Halogen	**LED only:** 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen
Wiring	48" of usable #18-2, SPT-1W leads. Cable connectors not included.	
Notes	Includes 5.5" plastic sleeve. Works with 1.25" Schedule 40 PVC. 1.25" core drill option without sleeve. Walk-over and drive-over rated. Brass will naturally patina over time.	Brass will naturally patina over time
Dimensions		

Retrofit In-Ground

	Brass Beacon In-Ground	Brass Rockguard In-Ground
Finishes	**CBR**	**CBR**
Item Number and Finish	**15498** CBR	**15497** CBR
Housing	Cast Brass with tempered glass lens. Composite bottom housing.	Cast Brass with tempered glass lens. Composite bottom housing.
Lamp Base	12V Bi-Pin, high-temperature porcelain socket. Articulating socket to aim light source.	
Lamp Options-Power Usage at 12V AC input	**LED only:** 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen	**LED only:** 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen
Wiring	48" of usable #18-2, SPT-1W leads. Cable connectors not included.	
Notes	5-Way directional top. Brass will naturally patina over time.	Includes composite installation sleeve. Brass will naturally patina over time.
Dimensions	5" 4.25"	5" 4.25"
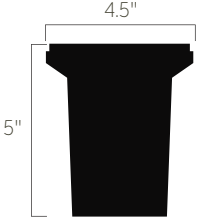
	Brass Cowl In-Ground	Brass Side Throw In-Ground
Finishes	**CBR**	**CBR**
Item Number and Finish	**15496** CBR	**15499** CBR
Housing	Cast Brass with tempered glass lens. Composite bottom housing.	Cast Brass with tempered glass lens. Composite bottom housing.
Lamp Base	12V Bi-Pin, high-temperature porcelain socket. Articulating socket to aim light source.	
Lamp Options-Power Usage at 12V AC input	**LED only:** 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen	**LED only:** 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen
Wiring	48" of usable #18-2, SPT-1W leads. Cable connectors not included.	
Notes	Includes composite installation sleeve. Brass will naturally patina over time.	

Dimensions

5"
4.25"

5"
4.25"

Retrofit In-Ground

	PAR36 Well Brass Trim	PAR36 Well Rock Guard
Finishes	**CBR**	**CBR**
Item Number and Finish	**15507** CBR	**15508** CBR
Housing	Cast Brass with tempered glass lens	Cast Brass with tempered glass lens
Lamp Base	12V PAR36 screw terminal	
Lamp Options-Power Usage at 12V AC input	**LED only:** 4W PAR36 (18166-18173) Compares up to 20W Halogen 6W PAR36 (18174-18181) Compares up to 35W Halogen 10W PAR36 (18182-18189) Compares up to 50W Halogen 11W PAR36 (18021-18028) Compares up to 50W Halogen 14W PAR36 (18190-18197) Compares up to 75W Halogen	**LED only:** 4W PAR36 (18166-18173) Compares up to 20W Halogen 6W PAR36 (18174-18181) Compares up to 35W Halogen 10W PAR36 (18182-18189) Compares up to 50W Halogen 11W PAR36 (18021-18028) Compares up to 50W Halogen 14W PAR36 (18190-18197) Compares up to 75W Halogen
Wiring	48" of usable #18-2, SPT-1W leads. Cable connectors not included.	
Notes	Includes composite installation sleeve. Stainless Steel lamp holder with 25-Degree articulation. Brass will naturally patina over time.	
Dimensions	5.75" 7"	6.3" 6.7" Can be installed straight up or at an angle

See page 169 for compatible incandescent lamps and pages 167-168 for LED lamps. Each product lists compatible item number(s) for reference.

	Solid Brass In-Ground	PAR36 Well
Finishes	**CBR**	**BK**
Item Number and Finish	**15481** CBR	**15088** BK **15088** BK 12 - bulk packed in 12 (Yoke Held) **15488** BK 12 - bulk packed in 12 (Rubber Boot)
Housing	Cast Brass with heat-resistant frosted lens	Stainless steel gimble ring with silicone rubber lamp support clips. Heavy-duty polycarbonate ground support sleeve.
Lamp Base	12V Bi-Pin, high-temperature porcelain socket	12V PAR36 screw terminal
Lamp Options-Power Usage at 12V AC input	**LED only:** 4W PAR36 (18126-18133) Compares up to 20W Halogen 5W PAR36 (18134-18141) Compares up to 35W Halogen 7W PAR36 (18142-18149) Compares up to 50W Halogen	**LED only:** 4W PAR36 (18166-18173) Compares up to 20W Halogen 6W PAR36 (18174-18181) Compares up to 35W Halogen 10W PAR36 (18182-18189) Compares up to 50W Halogen 11W PAR36 (18021-18028) Compares up to 50W Halogen 14W PAR36 (18190-18197) Compares up to 75W Halogen
Wiring	34" of usable #18-2, SPT-1W leads. Cable connectors are not included.	42" of usable #18-2, SPT-1W leads. Cable connectors supplied. Supply wire with lugs attach directly to PAR36 light bulb screw terminals.
Notes	Can be installed in concrete and is drive-over and walk-over rated. Includes composite installation sleeve (shown in image above). Brass will naturally patina over time.	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.
Accessories	Lens: **15482 CBR** Rock Guard with Clear Lens	Lens: **15689 BK** Lens Cover **15690 BK** Rock Guard
Dimensions	4.5" 5"	1" 8" 4.5" 15088 15488

Retrofit In-Ground

	Enclosed PAR36 In-Ground	MR16 Mini In-Ground
Finishes	**AZ**	**BK**
Item Number and Finish	**15194** AZ	**15190** BK
Housing	Durable, high-temperature polymeric housing material. Glass lens for watertight outdoor in-ground use.	Durable, high heat thermo-plastic composite resin. Heat-resistant convex shaped glass lens. Fully sealed for watertight outdoor usage.
Lamp Base	12V PAR36 screw terminal	12V Bi-Pin, high-temperature porcelain socket
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 50W(VA) Max. PAR36	**LED:** 4W PAR36 (18166-18173) Compares up to 20W Halogen 6W PAR36 (18174-18181) Compares up to 35W Halogen 10W PAR36 (18182-18189) Compares up to 50W Halogen 11W PAR36 (18021-18028) Compares up to 50W Halogen 14W PAR36 (18190-18197) Compares up to 75W Halogen
Wiring	34" of usable #18-2, SPT-1W leads. Cable connectors supplied. Supply wire with lugs attach directly to PAR36 lamp screw terminals.	36" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Sealed well light creates unique lighting effects and reduces maintenance with Rock Guard accessory. For use with LED PAR36, must flip orientation of lamp holder spacers.	Smaller version of our popular standard well light to shed focused upward illumination on special features in the landscape. Recommended for salt-air environments. U.S. Patent No. D437,652.
Accessories	**Lens:** **15694** AZ Rock Guard	
Dimensions	7" / 8.25"	4" / 5"

The Lamp Options row for MR16 Mini In-Ground column reads:

Incandescent: VA Max: 50W(VA) 50W(VA) MR16 35W(VA) Max. MR11

LED: 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen

	MR16 Mini In-Ground with Cowl		MR16 Well	
Finishes	**BK**		**BKT**	
Item Number and Finish	**15192** BK		**15092** BKT	
Housing	Components of durable high heat thermo-plastic composite resin. Glare shield molded into lid. Light bulb shielded by a heat-resistant convex shaped glass lens for better debris run-off. Fully sealed for watertight outdoor usage.		Aluminum housing with heat-resistant flat glass lens is fully sealed. Heavy-duty polypropylene sleeve provides in-ground fixture support.	
Lamp Base	12V Bi-Pin, high-temperature porcelain socket			
Lamp Options-Power Usage at 12V AC input	**Incandescent:** VA Max: 50W(VA) 50W(VA) MR16 10W(VA) Max. Canada 35W(VA) Max. MR11	**LED:** 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen	**Incandescent:** VA Max: 50W(VA) 50W(VA) MR16	**LED:** 4W MR16 (18126-18133) Compares up to 20W Halogen 5W MR16 (18134-18141) Compares up to 35W Halogen 7W MR16 (18142-18149) Compares up to 50W Halogen
Wiring	36" of usable #18-2, SPT-1W leads. Cable connectors supplied.		36" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Same as 15190 with added glare shield for optimal viewing comfort. Recommended for salt-air environments.			
Accessories			**Lens:** **15675 LIN** Linear Lens **15676 FRO** Frosted Lens **15679 BK** Hexcell Louver Shield **15686 BL** Blue Lens	
Dimensions	4" 6.5"		1" 5.5" 8" 4.5"	

Retrofit Water Accent

Underwater		

	BK	
Finishes		
Item Number and Finish	**15191** BK	
Housing	Components of durable high-heat, thermo-plastic composite resin. Heat-resistant, fully sealed, flat glass lens. Weighted base included.	
Lamp Base	12V Bi-Pin, high temperature porcelain socket	
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 35W(VA) Max. MR11 50W(VA) MR16	**LED:** 4W MR16 (18126–18133) Compares up to 20W Halogen 5W MR16 (18134–18141) Compares up to 35W Halogen 7W MR16 (18142–18149) Compares up to 50W Halogen
Wiring	25" of usable #18-2, STW leads	
Notes	NOT for pool and spa use	

Dimensions

6"

6"

See page 169 for compatible incandescent lamps and pages 167-168 for LED lamps. Each product lists compatible item number(s) for reference.
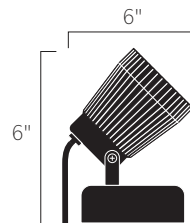
12V Retrofit
Path & Spread

Retrofit with LED Lamps

As landscape needs change, Kichler's extensive selection of retrofit styles and finishes has you covered, making it easy to update a walkway or light a new garden bed.

Retrofit Path & Spread

	Adjustable Height Small	Adjustable Height Large
Finishes	**CBR**	**CBR**
Item Number and Finish	**15502** CBR	**15503** CBR
Housing	Cast Brass	Cast Brass
Lamp Base	12V Bi-Pin, high-temperature porcelain socket	12V Bi-Pin, high-temperature porcelain socket
Lamp Options-Power Usage at 12V AC input	**LED only:** 2W G4/T3 (18042, 18043) Compares up to 20W Halogen 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen	**LED only:** 2W G4/T3 (18042, 18043) Compares up to 20W Halogen 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen
Wiring	48" of usable #18-2, SPT-1W leads. Cable connectors not included.	48" of usable #18-2, SPT-1W leads. Cable connectors not included.
Notes	Adjustable stem up to 36". Includes 8" in-ground slotted stake. Lamp sold separately. Brass will naturally patina over time.	Adjustable stem up to 36". Includes 8" in-ground stake. Lamp sold separately. Brass will naturally patina over time.
Accessories	**15493 CBR** 3" round mounting base	
Dimensions	36" — 4" — 19.5"	36" — 8.75" — 19.5"

	Small Hat Brass	Small Hat Copper
Finishes	**CBR**	**CO**
Item Number and Finish	**15506** CBR	**15504** CO
Housing	Cast Brass	Copper with brushed finish
Lamp Base	12V Bi-Pin, high-temperature porcelain socket	12V Bi-Pin, high-temperature porcelain socket
Lamp Options-Power Usage at 12V AC input	**LED only:** 2W G4/T3 (18042, 18043) Compares up to 20W Halogen 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen	**LED only:** 2W G4/T3 (18042, 18043) Compares up to 20W Halogen 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen
Wiring	48" of usable #18-2, SPT-1W leads. Cable connectors not included.	48" of usable #18-2, SPT-1W leads. Cable connectors not included.
Notes	Includes 8" in-ground stake. Lamp sold separately. Brass will naturally patina over time.	Includes 8" in-ground stake. Lamp sold separately. Copper will naturally patina over time.
Accessories	**15493** CBR 3" round mounting base	
Dimensions	4.25" 17.25"	3.5" 16.5"

Retrofit Path & Spread

	Medium Hat Copper	Solid Brass Traditional	
Finishes	CO	CBR	
Item Number and Finish	**15505** CO	**15478** CBR	
Housing	Copper with brushed finish	Cast Brass	
Lamp Base	12V Bi-Pin, high-temperature porcelain socket	12V Bi-Pin, high-temperature porcelain socket	
Lamp Options-Power Usage at 12V AC input	**LED only:** 2W G4/T3 (18042, 18043) Compares up to 20W Halogen 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen	**Incandescent:** VA MAX: 20W(VA) T3	**LED:** 2W G4/T3 (18042, 18043) Compares up to 20W Halogen 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen
Wiring	48" of usable #18-2, SPT-1W leads. Cable connectors not included.	30" of usable #18-2, SPT-1W leads. Cable connectors not included.	
Notes	Includes 8" in-ground stake. Lamp sold separately. Copper will naturally patina over time.	Includes 8" in-ground stake. Lamp sold separately. Brass will naturally patina over time.	
Accessories	**15493 CBR** 3" round mounting base		
Dimensions	7.75" 20.25"	6.75" 21"	
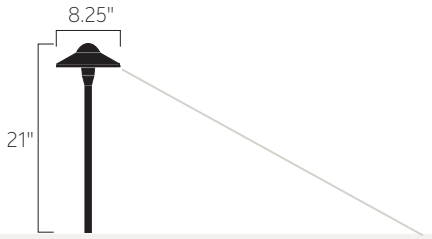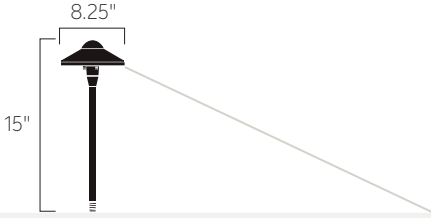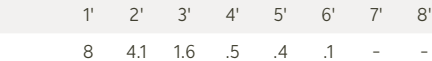
	Solid Brass Missionary	6" Dome	
Finishes	**CBR**	**CBR** (shown), AZT, BKT	Additional Finishes
Item Number and Finish	**15480** CBR	**15470** AZT **15470** CBR **15470** BKT	
Housing	Cast Brass	Cast Aluminum or Cast Brass (CBR)	
Lamp Base	12V Bi-Pin, high-temperature porcelain socket	12V T5 Wedge base socket	AZT
Lamp Options-Power Usage at 12V AC input	**Incandescent:** VA MAX: 20W(VA) T3 / **LED:** 2W G4/T3 (18042, 18043) Compares up to 20W Halogen 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen	**Incandescent:** 11.6W(VA) 912X (17023) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) / **LED:** 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen	BKT
Wiring	30" of usable #18-2, SPT-1W leads. Cable connectors not included.	24" of usable #18-2, SPT-1W leads. Cable connectors included with AZT and BKT. Cable Connectors not included with CBR	Coordinating Products
Notes	Includes 8" in-ground stake. Brass will naturally patina over time.	Includes 16.25W(VA) 921X (17025) Xenon lamp, 8" in-ground slotted stake and 18" stem. LED version of fixture **15870** on page 51. Brass will naturally patina over time.	
Accessories	**15493 CBR** 3" round mounting base	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket	Path Lights **15310 & 15410**, see page 132.
Dimensions	8.5" 23.25"	6" 21.25"	

Photometrics*

Distance from Light		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles		4.85	4.34	2.51	1.58	1.35	.77	.43	.28

*Values stated for supplied lamp with fixture.

Retrofit Path & Spread

	8" Dome		8" Dome Short Stem	
Finishes	**BKT** (shown), AZT	Additional Finishes	**AZT**	
Item Number and Finish	15310 AZT 15310 BKT	15310 AZT6 (pack of 6) AZT	15410 AZT	
Housing	Cast Aluminum		Cast Aluminum	
Lamp Base	12V T5 Wedge base socket		12V T5 Wedge base socket	
Lamp Options-Power Usage at 12V AC input	Incandescent: 11.6W(VA) 912X (17023) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021)	LED: 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen	Incandescent: 11.6W(VA) 912X (17023) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021)	LED: 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen
Wiring	24" of usable #18-2, SPT-1W leads. Cable connectors supplied.	Coordinating Products	30" of usable #18-2, SPT-1W leads. Cable connectors supplied.	Coordinating Products
Notes	Includes 16.25W(VA) 921X (17025) Xenon lamp and 8" in-ground stake. LED version of fixture **15810** on page 52.	Path Lights **15410 & 15470**, see pages 131, 132	Includes 16.25W(VA) 921X (17025) Xenon lamp and 8" slotted in-ground stake. LED version of fixture **15811** on page 52.	Path Lights **15310 & 15470**, see pages 131, 132
Accessories	15601 Surface Mounting Flange 15607 Surface Mounting Bracket			

Dimensions

8.25"

21"

8.25"

15"

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	8	4.1	1.6	.5	.4	.1	-	-		9.6	4	1.1	.03	.1	-	-	-
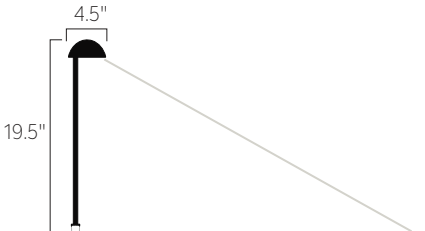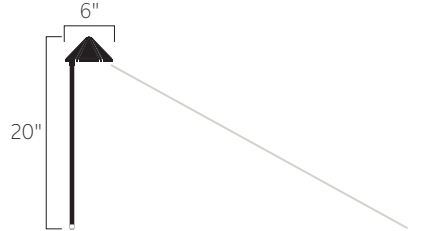
	Large Eclipse™		Eclipse™	
Finishes	**BKT** (shown), TZT	Additional Finishes	**AZT** (shown), BKT, TZT	Additional Finishes
Item Number and Finish	**15336** BKT **15336** TZT		**15323** AZT **15323** TZT **15323** BKT	
Housing	Cast Aluminum with clear glass	**TZT**	Cast Aluminum	**BKT**
Lamp Base	12V S8 Wedge base socket		12V S8 Wedge base socket	
Lamp Options-Power Usage at 12V AC input	Incandescent: 18.5W(VA) 3155K (15599 CLR)	LED: 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen	Incandescent: 18.5W(VA) 3155K (15599 CLR) — LED: 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen	**TZT**
Wiring	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.		34" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp.		Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp, 8" in-ground slotted stake and 18" stem.	
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket			

Dimensions

9"

25"

4.5"

18.5"

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	8.7	3.3	1.1	.4	.1	-	-	-		14.7	4.8	1.8	1	-	-	-	-

Retrofit Path & Spread

	Side Mount Eclipse™			Side Mount		
Finishes	**AZT** (shown), BKT		Additional Finishes	**BKT** (shown), AZT		Additional Finishes
Item Number and Finish	**15423** AZT **15423** BKT			**15315** AZT **15315** BKT	**15315** AZT6 (pack of 6)	
Housing	Cast Aluminum		**BKT**	Cast Aluminum		**AZT**
Lamp Base	12V S8 Wedge base socket			12V S8 Wedge base socket		
Lamp Options-Power Usage at 12V AC input	Incandescent: 18.5W (VA) 3155K (15599 CLR)	LED: 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18122, 18123) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen		Incandescent: 18.5W (VA) 3155K (15599 CLR)	LED: 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18122, 18123) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen	
Wiring	34" of usable #18-2, SPT-1W leads. Cable connectors supplied.			35" of usable #18-2, SPT-1W leads. Cable connectors supplied.		**Coordinating Products**
Notes	Includes 24.4W (VA) 3156K (15598 CLR) Krypton lamp and 8" in-ground slotted stake.			Includes 24.4W (VA) 3156K (15598 CLR) Krypton lamp, 8" in-ground slotted stake and 18" stem. LED version of fixture **15815** on page 49. Photometrics given below with supplied 18" stem.		Deck Lights **15065 & 15765**, see pages 156, 65
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket					

Dimensions

4.5"

19.5"

6"

20"

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	8.7	3.3	1.1	.8	.4	.1	-	-		15	5.2	1.8	.8	.27	.03	–	–

	Center Mount		Large Center Mount
Finishes	**BKT** (shown), AZT	Additional Finishes	**AZT**
Item Number and Finish	**15326** AZT **15326** BKT		**15328** AZT
Housing	Cast Aluminum		Aluminum
Lamp Base	12V S8 Wedge base socket	**AZT**	12V S8 Wedge base socket
Lamp Options–Power Usage at 12V AC input	Incandescent: 18.5W(VA) 3155K (15599 CLR)	LED: 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge Mini (18202, 18203) Compares up to 20W Halogen	Incandescent: 18.5W(VA) 3155K (15599 CLR) · LED: 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge Mini (18202, 18203)Compares up to 20W Halogen
Wiring	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.	Coordinating Products	35" of usable #18-2, SPT-1W leads. Cable connectors supplied. · Coordinating Products
Notes	Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp and 8" in-ground slotted stake. LED version of fixture **15826** on page 50. Photometrics given below with supplied 18" stem.	Deck Lights **15065 & 15765**, see pages 156, 65	Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp and 8" in-ground slotted stake. Photometrics given below with supplied 24" stem. · Deck Lights **15065 & 15765**, see pages 156, 65
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket		

Dimensions

Center Mount: 6" / 22.75"

Large Center Mount: 11.5" / 24.75"

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	16.6	6.3	2.2	.87	.1	–	–	–		8.3	5.8	2.2	.97	.48	.02	–	–

Retrofit Path & Spread

	One Tier	Three Tier	
Finishes	**AZT**	**BKT** (shown), AZT	**Additional Finishes**
Item Number and Finish	**15011** AZT	**15005** AZT **15005** BKT	AZT
Housing	Cast Aluminum with molded ribbed diffuser of clear UV stabilized, high-impact resistant polycarbonate. **Mounting stems and bollard kits not included.**	Cast Aluminum with molded ribbed diffuser of clear UV stabilized, high-impact resistant polycarbonate. **Mounting stems and bollard kits not included.**	
Lamp Base	12V S8 Wedge base socket	12V S8 Wedge base socket	
Lamp Options-Power Usage at 12V AC input	Incandescent: 18.5W(VA) 3155K (15599 CLR) LED: 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen	Incandescent: 18.5W(VA) 3155K (15599 CLR) LED: 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen	
Wiring	52" of usable #18-2, SPT-1W leads. Cable connectors supplied. **Coordinating Products**	52" of usable #18-2, SPT-1W leads. Cable connectors supplied. **Coordinating Products**	
Notes	Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp. Stem mount not included. Available in stem mount, deck mount or as a bollard. Mounting stem and bollard kit sold separately. Photometrics given below with 18" stem. Deck Lights **15065 & 15765**, see pages 156, 65	Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp. Stem mount not included. Available in stem mount, deck mount or as a bollard. Mounting stem and bollard kit sold separately. Photometrics given below with 18" stem. Deck Lights **15065 & 15765**, see pages 156, 65	
Accessories	**15656, 15657, 15658 or 15570** Stems **15575, 15576 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	
Dimensions	11.5" 9.25" **Stem Options** Base/deck mount Mounting stem Bollard Kit	6" 9.25" **Stem Options** Base/deck mount Mounting stem Bollard Kit	
Photometrics*			

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	5.3	1.8	.9	.68	.13	-	-	-		1.8	.73	.4	.27	.3	-	-	-

	Galaxy		Adjustable Copper	
Finishes	**AZT**		**CO**	
Item Number and Finish	**15318** AZT		**15350** CO	
Housing	Aluminum		Copper	
Lamp Base	12V S8 Wedge base socket		12V S8 Wedge base socket	
Lamp Options–Power Usage at 12V AC input	Incandescent: 18.5W(VA) 3155K (15599 CLR)	LED: 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen	Incandescent: 18.5W(VA) 3155K (15599 CLR)	LED: 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen
Wiring	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.		21" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp and 8" in-ground slotted stake.		Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp, 8" in-ground slotted stake and has an adjustable head. Copper will naturally patina over time.	
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket			

Dimensions

Galaxy: 6" wide, 23" tall

Adjustable Copper: 6" wide, 21.5" tall

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	2.6	3.2	1.2	.5	.2	–	–	–		6.3	2.7	2	.9	.4	.1	–	–

Retrofit Path & Spread

	Decorative Hammered Roof			Cast Hammered Roof		
Finishes	**TZT** (shown), CO, OB		Additional Finishes	**BBR** (shown), TZT		Additional Finishes
Item Number and Finish	**15443** CO **15443** OB **15443** OB12 (pack of 12) **15443** TZT		CO	**15471** BBR **15471** TZT		TZT
Housing	Brass or Copper (CO)			Cast Brass (BBR) or Cast Aluminum		
Lamp Base	12V S8 Wedge base socket			12V S8 Wedge base socket		
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 18.5W(VA) 3155K (15599 CLR)	**LED:** 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen	OB	**Incandescent:** 18.5W(VA) 3155K (15599 CLR)	**LED:** 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen	
Wiring	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.			35" of usable #18-2, SPT-1W leads. Cable connectors supplied.		
Notes	Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp and 8" in-ground slotted stake. Features decorative light-leak pattern. LED version of fixture **15843** on page 44. Brass and Copper will naturally patina over time. U.S. Patent No. D408,573.			Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp and 8" in-ground slotted stake. Features decorative light-leak pattern. LED version of fixture **15871** on page 44. Brass will naturally patina over time.		
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket					

Dimensions

8"

22"

8"

22"

Photometrics*

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

See page 169 for compatible incandescent lamps and pages 167-168 for LED lamps. Each product lists compatible item number(s) for reference.

	Fundamentals™		Ribbed Roof
Finishes	**TZT** (shown), CO, OB	Additional Finishes	**AZT**
Item Number and Finish	**15439** CO **15439** OB **15439** TZT		**15418** AZT
Housing	Brass or Copper (CO)	CO	Cast Aluminum with clear glass sprinkler shield
Lamp Base	12V S8 Wedge base socket		12V T3 Bi-Pin, high-temperature porcelain socket
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 18.5W(VA) 3155K (15599 CLR)	**LED:** 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen OB	**Incandescent:** 10W(VA) T3 (17011) **LED:** 2W G4/T3 (18042, 18043) Compares up to 20W Halogen 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen
Wiring	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.		20" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp and 8" in-ground slotted stake. LED version of fixture **15839** on page 45. Brass and Copper will naturally patina over time.		Includes 20W(VA) T3 (17012) Halogen lamp and 8" in-ground slotted stake.
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket		
Dimensions	6" 20"		7" 21.5"

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	13.4	4.55	1.65	.58	.13	–	–	–		11.7	5.4	1.1	.2	–	–	–	–

Retrofit Path & Spread

	Glass & Metal			Simplicity Side Mount	
Finishes	**AZT** (shown), BN		Additional Finishes	**AZT**	
Item Number and Finish	**15317** AZT **15317** BN		BN	**15360** AZT	
Housing	Aluminum or Brushed Nickel (BN) with glass diffuser			Aluminum	
Lamp Base	12V S8 Wedge base socket			12V S8 Wedge base socket	
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 18.5W(VA) 3155K (15599 CLR)	**LED:** 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton		**Incandescent:** 18.5W(VA) 3155K (15599 CLR)	**LED:** 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18122, 18123) Compares up to 18.5W Krypton
Wiring	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.			35" of usable #18-2, SPT-1W leads. Cable connectors supplied.	**Coordinating Product**
Notes	Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp and 8" in-ground slotted stake. LED version of fixture **15817** on page 51.			Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp and 8" in-ground slotted stake.	Deck Light **15064**, see page 157.
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket				
Dimensions	7" 22"			6" 20"	

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	9.4	4.8	2	.72	.32	.16	–	–		10.8	3.5	1.1	.4	.1	–	–	–

See page 169 for compatible incandescent lamps and pages 167-168 for LED lamps. Each product lists compatible item number(s) for reference.

	Mica Mission		Thatched Roof	
Finishes	**TZT**		**TZT**	
Item Number and Finish	**15450** TZT		**15401** AZT	
Housing	Cast Aluminum with Mica finished glass panels		Cast Aluminum with clear glass sprinkler shield	
Lamp Base	12V T5 Wedge base socket		12V T3 Bi-Pin, high-temperature porcelain socket	
Lamp Options-Power Usage at 12V AC input	Incandescent: 16.25W(VA) 921X (17025) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021)	LED: 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen	Incandescent: 10W(VA) T3 (17011)	LED: 2W G4/T3 (18042, 18043) Compares up to 20W Halogen 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen
Wiring	22" of usable #18-2, SPT-1W leads. Cable connectors supplied.		20" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 11.6W(VA) 912X (17023) Xenon lamp and 8" in-ground slotted stake.		Includes 20W(VA) T3 (17012) Halogen lamp and 8" in-ground slotted stake.	
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket			

Dimensions

6"
22.5"

6.875"
21.5"

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	1.34	1.61	1.63	.86	.46	.07	.07	–

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	1.34	1.61	1.63	.86	.46	.07	.07	–

Retrofit Path & Spread

	Gate House™	Single-Tier Leaf	
Finishes	**OZ**	**MST** (shown), AZT	Additional Finishes
Item Number and Finish	**15379** OZ	**15314** AZT **15314** MST	AZT
Housing	Cast Brass	Cast Aluminum	
Lamp Base	12V S8 Wedge base socket	12V S8 Wedge base socket	
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 18.5W(VA) 3155K (15599 CLR) — **LED:** 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen	**Incandescent:** 18.5W(VA) 3155K (15599 CLR) — **LED:** 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen	
Wiring	34" of usable #18-2, SPT-1W leads. Cable connectors supplied.	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp and 14" in-ground slotted stake. Fixture head is oval in shape. Brass will naturally patina over time. U.S. Patent No. D561,371.	Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp and 8" in-ground slotted stake.	
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket		
Dimensions	5.25" x 7.375" Oval — 24.75"	7.75" — 23"	

Photometrics*

Gate House™

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

Single-Tier Leaf

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

	Pierced Dome	Pierced Scrollwork
Finishes	**AZT**	**TZT**
Item Number and Finish	**15457** AZT	**15437** TZT
Housing	Cast Aluminum	Cast Aluminum
Lamp Base	12V T5 Wedge base socket	12V T5 Wedge base socket

Lamp Options-Power Usage at 12V AC input	**Incandescent:** 11.6W(VA) 912X (17023) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021)	**LED:** 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen	**Incandescent:** 11.6W(VA) 912X (17023) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021)	**LED:** 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen

	Pierced Dome		Pierced Scrollwork	
Wiring	24" of usable #18-2, SPT-1W leads. Cable connectors supplied.		24" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 16.25W(VA) 921X (17025) Xenon lamp and 8" in-ground slotted stake. Features decorative light-leak pattern. LED version of fixture **15857** on page 57.		Includes 16.25W(VA) 921X (17025) Xenon lamp and 8" in-ground slotted stake. Features decorative light-leak pattern. Fixture head is square in shape.	
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket			

Dimensions

6.25"

21.5"

6.25" square

21.5"

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	5.22	3.76	2.02	.89	.12	.05	-	-		6.99	3.14	1.56	.44	.1	.05	.03	–
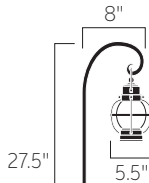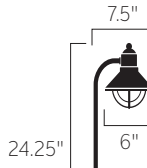
*Values stated for supplied lamp with fixture.

Retrofit Path & Spread

	Cotswold™ Convertible-Height Tiki		Round Lantern	
Finishes	**AGZ**		**TZT**	
Item Number and Finish	**15421** AGZ		**15367** TZT	
Housing	Cast Aluminum with weathered white glass		Cast Aluminum with etched sunset glass	
Lamp Base	12V T5 Wedge base socket		12V S8 Wedge base socket	
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 16.25W(VA) 921X (17025) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021)	**LED:** 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen	**Incandescent:** 18.5W(VA) 3155K (15599 CLR)	**LED:** 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen
Wiring	24" of usable #18-2, SPT-1W leads. Cable connectors supplied.		51" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 11.6W(VA) 912X (17023) Xenon lamp and 8" in-ground slotted stake. Photometrics below at 32" stem height. Stem extends out to 59".		Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp and 8" in-ground slotted stake.	
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket			
Dimensions	6" 32"		5.5" 26"	

Photometrics*

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

See page 169 for compatible incandescent lamps and pages 167-168 for LED lamps. Each product lists compatible item number(s) for reference.

	Concord Lantern	Traditional Marine Lantern	
Finishes	**OB**	**OZ** (shown), OB	**Additional Finishes**
Item Number and Finish	**15334** OB	**15438** OB **15438** OZ	
Housing	Brass with stainless steel rods and seedy glass	Brass with white polycarbonate diffuser	
Lamp Base	12V T5 Wedge base socket	12V S8 Wedge base socket	**OB**
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 4W(VA) 901X (17022)	**LED:** 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen	**Incandescent:** 18.5W(VA) 3155K (15599 CLR)	**LED:** 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen
Wiring	20" of usable #18-2, SPT-1W leads. Cable connectors supplied.	26" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 6.5W(VA) 918X (17022) Xenon lamp and 8" in-ground slotted stake.	Includes 18.5W(VA) 3155K (15599 CLR) Krypton lamp and 8" in-ground slotted stake. Brass will naturally patina over time.	
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket		

Dimensions

Concord Lantern: 8", 27.5", 5.5"

Traditional Marine Lantern: 7.5", 24.25", 6"

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	4.7	.6	.2	–	–	–	–	–	2.9	1.2	.3	–	–	–	–	–

Retrofit Path & Spread

	Cross Creek™ Lantern	Intaglio Brass Crook Neck
Finishes	**AGZ**	**OZ**
Item Number and Finish	**15322** AGZ	**15436** OZ
Housing	Cast Aluminum with textured amber linen seedy glass panels	Brass
Lamp Base	12V T5 Wedge base socket	12V T5 Wedge base socket
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 11.6W(VA) 912X (17023) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) / **LED:** 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen	**Incandescent:** 16.25W(VA) 921X (17025) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) / **LED:** 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen
Wiring	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.	26" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Includes 16.25W(VA) 921X (17025) Xenon lamp and 8" in-ground slotted stake. U.S. Patent No. D580,084.	Includes 11.6W(VA) 912X (17023) Xenon lamp and 8" in-ground slotted stake. Etched floral pattern on brass shade. Brass will naturally patina over time.
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket	
Dimensions	7" 7.75" 27"	10.75" 27" 6.5"

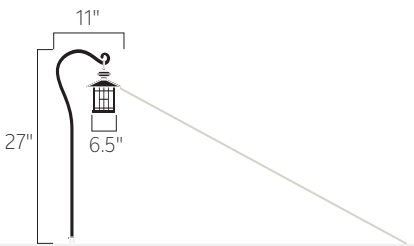| **Photometrics***																	
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	1.2	.26	–	–	–	–	–	–		5.03	3.18	1.45	.68	.3	.13	.03	–

	Lafayette™ Lantern		Larkin Estate™	
Finishes	**TZG**		**OZ**	
Item Number and 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 T5 Wedge base socket	
Lamp Options-Power Usage at 12V AC input	Incandescent: 11.6W(VA) 912X (17023) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021)	LED: 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen	Incandescent: 11.6W(VA) 921X (17023) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021)	LED: 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen
Wiring	35" of usable #18-2, SPT-1W leads. Cable connectors supplied.		40" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 16.25W(VA) 921X (17025) Xenon lamp and 8" in-ground slotted stake.		Includes 16.25W(VA) 921X (17025) Xenon lamp and 8" in-ground slotted stake. Brass will naturally patina over time.	
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket			
Dimensions	6.25" 27"		9" 27"	

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	3	1.96	.86	.33	–	–	–	–		6.9	.7	.4	.2	.1	–	–	–

Retrofit Path & Spread

	Mission Lantern	Zen Garden
Finishes	**PZ**	**OZ**
Item Number and Finish	**15319** PZ	**15391** OZ
Housing	Brass with satin-etched glass	Brass with textured amber seedy linen glass
Lamp Base	12V S8 Wedge base socket	12V T5 Wedge base socket
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 18.5W(VA) 3155K (15599 CLR) / **LED:** 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen	**Incandescent:** 16.25W(VA) 921X (17025) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) / **LED:** 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen
Wiring	40" of usable #18-2, SPT-1W leads. Cable connectors supplied.	30" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Includes 18.5W(VA) 3155K (15599 CLR) Krypton lamp and 8" in-ground slotted stake.	Includes 11.6W(VA) 912X (17023) Xenon lamp and 8" in-ground slotted stake. Brass will naturally patina over time.

Coordinating Product

Bollard Light
15458, see pg. 153

Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket	

Dimensions

11"
27"
6.5"

7" square
24"

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	2.11	7.3	1.7	.7	.5	–	–	–		3.2	1.2	.26	–	–	–	–	–

	Cathedral	Almeria™
Finishes	**TZT**	**BKT**
Item Number and Finish	**15429** TZT	**15426** BKT
Housing	Aluminum	Aluminum with light umber glass
Lamp Base	12V T5 Wedge base socket	12V T5 Wedge base socket
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 16.25W(VA) 921X (17025) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) / **LED:** 2W S8 Wedge (18122, 18123) Compares up to 18.5W Krypton	**Incandescent:** 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) / **LED:** 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon
Wiring	24" of usable #18-2, SPT-1W leads. Cable connectors supplied.	34" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Includes 11.6W(VA) 912X (17023) Xenon lamp and 8" in-ground slotted stake.	Includes 11.6W(VA) 912X (17023) Xenon lamp and 8" in-ground slotted stake. U.S. Patent No. D578,238.
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket	

Coordinating Product

Bollard Light
15449, see pg. 153

Dimensions

8"
27"

8.75"
25"

Photometrics*																	
Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	5.42	.47	1.15	.32	.05	–	–	–		5.2	.8	.2	–	–	–	–	–

Retrofit Path & Spread

	Tulip	Adjustable Crescent
Finishes	**MST**	**OZ**
Item Number and Finish	**15349** MST	**15330** OZ
Housing	Aluminum	Brass
Lamp Base	12V S8 Wedge base socket	12V S8 Wedge base socket
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 18.5W(VA) 3155K (15599 CLR) **LED:** 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton	**Incandescent:** 18.5W(VA) 3155K (15599 CLR) **LED:** 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18122, 18123) Compares up to 18.5W Krypton
Wiring	37" of usable #18-2, SPT-1W leads. Cable connectors supplied.	42" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Includes 18.5W(VA) 3155K (15599 CLR) Krypton lamp and 8" in-ground slotted stake.	Includes 24.4W(VA) 3156K (15598 CLR) Krypton lamp and 8" in-ground slotted stake. Adjustable shade on this versatile fixture allows it to be used as a path light, accent light or for wall washing. Brass will naturally patina over time.
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket	
Dimensions	9.75" 8.25" 25.25" 4.5"	9" 26.5"

Photometrics*

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

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

	Kentucky	Vintage Park™
Finishes	**OZ**	**TZT**
Item Number and Finish	**15393** OZ	**15369** TZT
Housing	Cast Brass with light linen glass	Cast Aluminum with tea dust glass
Lamp Base	12V T5 Wedge base socket	12V S8 Wedge base socket
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 16.25W(VA) 921X (17025) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) **LED:** 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen	**LED only:** 2W S8 Wedge (18036, 18037) Compares up to 18.5W Krypton 2W S8 Wedge (18122, 18123) Compares up to 18.5W Krypton
Wiring	41" of usable #18-2, SPT-1W leads. Cable connectors supplied.	32" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Includes 11.6W(VA) 912X (17023) Xenon lamp and 8" in-ground slotted stake. Brass will naturally patina over time.	Includes 18.5W(VA) 3155K (15599 CLR) Krypton lamp and 8" in-ground slotted stake. U.S. Patent No. D570,517
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket	
Dimensions	8" 27" 4.5"	9" 26" 7"

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles		3	1.96	.86	.33	–	–	–	–		4	.9	.1	–	–	–	–	–

Retrofit Path & Spread

	Cotswold™	Cotswold™ Lantern
Finishes	**AGZ**	**AGZ**
Item Number and 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
Lamp Options-Power Usage at 12V AC input	**Incandescent:** 16.25W(VA) 921X (17025) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) **LED:** 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen	**Incandescent:** 16.25W(VA) 921X (17025) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) **LED:** 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen 2W T5 Wedge (18204, 18205) Compares up to 20W Halogen
Wiring	26" of usable #18-2, SPT-1W leads. Cable connectors supplied.	28" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Includes 11.6W(VA) 912X (17023) Xenon lamp and 8" in-ground slotted stake.	Includes 11.6W(VA) 912X (17023) Xenon lamp and 8" in-ground slotted stake.
Accessories	**15601** Surface Mounting Flange **15607** Surface Mounting Bracket	
Dimensions	11" / 26" / 8"	9" / 25" / 6"

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'		1'	2'	3'	4'	5'	6'	7'	8'
Footcandles	7	3.6	1.4	.4	-	-	-	-		2.5	1.3	.5	.1	-	-	-	-

See page 169 for compatible incandescent lamps and pages 167-168 for LED lamps. Each product lists compatible item number(s) for reference.

	Mission Bollard	Zen Garden Bollard	Cathedral™ Bollard
Finishes	**OZ**	**OZ**	**TZT**
Item Number and Finish	**15458** OZ	**15392** OZ	**15449** TZT
Housing	Brass with honey beige glass	Brass with textured amber seedy linen glass	Aluminum with dark citrine glass
Lamp Base	12V T5 Wedge base socket	12V T5 Wedge base socket	12V T5 Wedge base socket
Lamp Options– Power Usage at 12V AC input	**Incandescent:** 16.25W(VA) 921X (17025) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) — **LED:** 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen	**Incandescent:** 16.25W(VA) 921X (17025) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) — **LED:** 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen	**Incandescent:** 16.25W(VA) 921X (17025) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) — **LED:** 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen
Wiring	22" of usable #18-2, SPT-1W leads. Cable connectors supplied.	35" of usable #18-2, SPT-1W leads. Cable connectors supplied. / **Coordinating Product**	22" of usable #18-2, SPT-1W leads. Cable connectors supplied. / **Coordinating Product**
Notes	Includes 11.6W(VA) 912X (17023) Xenon lamp and 8" in-ground slotted stake. Brass will naturally patina over time.	Includes 11.6W(VA) 912X (17023) Xenon lamp and 8" in-ground slotted stake. Brass will naturally patina over time. / Path Light **15391**, see page 148	Includes 11.6W(VA) 912X (17023) Xenon lamp and 8" in-ground slotted stake. / Path Light **15429**, see page 149
Accessories	**15601** Surface Mounting Flange, **15607** Surface Mounting Bracket		
Dimensions	9" / 25.5"	7" / 26"	4 sq." / 27"

Photometrics*

Distance from Light	1'	2'	3'	4'	5'	6'	7'	8'
Footcandles (Mission)	5.3	2.1	.5	.02	–	–	–	–
Footcandles (Zen Garden)	.36	.2	–	–	–	–	–	–
Footcandles (Cathedral)	1.81	1.26	.7	.39	.25	.16	.012	.01

*Values stated for supplied lamp with fixture.
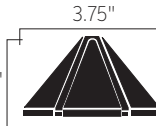
12V Retrofit
Deck & Patio

Retrofit with LED Lamps

Adding on to a deck or patio? Need additional lighting solutions? Kichler delivers affordable and versatile lights that enhance gathering areas and provide essential navigation.

Retrofit Deck & Patio

	Mini Deck Light		Full Back Mini Deck Light	
Finishes	**BBR** (shown), AZT, BKT, WHT	Additional Finishes	**AZT**	
Item Number and Finish	**15065** AZT **15065** BBR **15065** BKT **15065** WHT	**AZT**	**15045** AZT	
Housing	Cast Aluminum or Cast Brass (BBR)		Cast Aluminum	
Lamp Base	12V T5 Wedge base socket	**BKT**	12V T5 Wedge base socket	
Lamp Options-Power usage at 12V AC input	**LED:** 2W T5 Wedge (18120, 18121) Compares up to 16W Xenon 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen *Light distribution may be affected by location of sockets*	**WHT**	**Incandescent:** 4W(VA) 901X (17021)	**LED:** 2W T5 Wedge (18120, 18121) Compares up to 16W Xenon 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen *Light distribution may be affected by location of sockets*
Wiring	72" of usable #18-2, SPT-1W leads. Cable connectors supplied.	**Coordinating Products**	72" of usable #18-2, SPT-1W leads. Cable connectors supplied.	**Coordinating Products**
Notes	LED version of fixture **15765** on page 65. Brass will naturally patina over time.	Path Lights **15005, 15011, 15315, 15326, 15328**, see pages 134-136	Includes 6.5W(VA) 918X (**17022**) Xenon lamp	Path Lights **15005, 15011, 15315, 15326, 15328**, see pages 134-136
Dimensions	3.75" / 2.25" / 2.375"		2.25" / 3.75" / 2.375"	Integral full cast back for mounting on irregular surfaces.
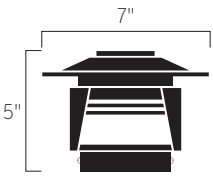
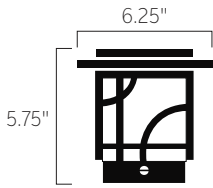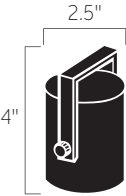|	Brass Deck Light	Half Moon Deck Light	
Finishes	**CBR**	**BBR** (shown), AZT, WHT	Additional Finishes
Item Number and Finish	**15477** CBR	**15064** AZT **15064** BBR **15064** WHT	AZT WHT
Housing	Cast Brass	Cast Aluminum or Cast Brass (BBR)	
Lamp Base	12V T5 Wedge base socket	12V T3 Bi-Pin, high-temperature porcelain socket	
Lamp Options-Power usage at 12V AC input	**Incandescent:** Max: 13W(VA) Type 912	**LED:** 2W T5 Wedge (18120, 18121) Compares up to 16W Xenon 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen	**Incandescent:** 4W(VA) 901X (17021)	**LED:** 2W T3/G4 Bi-Pin (18124, 18125) Compares up to 20W Halogen 1.2W T3/G4 Bi-Pin (18200, 18201) Compares up to 10W Halogen *Light distribution may be affected by location of sockets*
Wiring	72" of usable #18-2, SPT-1W leads. Cable connectors not included.	72" of usable #18-2, SPT-1W leads. Cable connectors supplied.	**Coordinating Products**
Notes	Includes two #8 screws for mouting. Brass will naturally patina over time.	Includes 10W(VA) Q10T3 (**17011**) Halogen lamp. LED version of fixture **15764** on page 65. Brass will naturally patina over time.	Path Light **15360**, see page 140
Dimensions	3.43" dia. 1.93"	4" dia. 2"	

Retrofit Deck & Patio
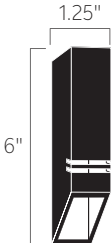
	Mini Deck Light	Oak Trail™ Accent
Finishes	**AZ**	**OZ**
Item Number and Finish	**15165** AZ	**15047** OZ
Housing	Durable thermo-plastic composite resin, one-piece construction. Extremely resistant to impact, weathering and the effects of UV.	Cast Brass
Lamp Base	12V T5 Wedge base socket	12V T5 Wedge base socket
Lamp Options-Power usage at 12V AC input	**Incandescent:** 4W(VA) 901X (17021) **LED:** 2W T5 Wedge (18120, 18121) Compares up to 16W Xenon 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen *Light distribution may be affected by location of sockets*	**Incandescent:** 4W(VA) 901X (17021) **LED:** 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen *Light distribution may be affected by location of sockets*
Wiring	71" of usable #18-2, SPT-1W leads. Cable connectors supplied.	71" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Includes stainless steel surface mounting bracket and 6.5W(VA) 918X (**17023**) Xenon lamp.	Includes stainless steel surface mounting bracket and 6.5W(VA) 918X (**17023**) Xenon lamp. Brass will naturally patina over time. U.S. Patent No. D573,293
Dimensions	3.75" 2.375" 1.75"	3.5" 6.75"

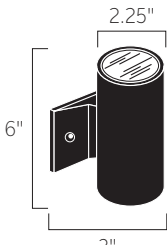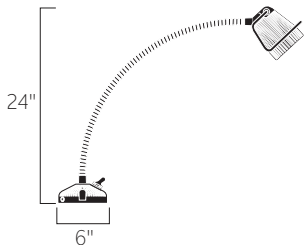|	Zen Garden™ Deck Post	Larkin Estate™ Deck Post
Finishes	**OZ**	**OZ**
Item Number and Finish	**15071** OZ	**15474** OZ
Housing	Brass with textured linen seedy glass	Brass with umber-etched glass
Lamp Base	12V T5 Wedge base socket	12V T5 Wedge base socket
Lamp Options-Power usage at 12V AC input	**Incandescent:** 16.25W(VA) 921X (17025) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) **LED:** 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen *Light distribution may be affected by location of sockets*	**Incandescent:** 16.25W(VA) 921X (17025) 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) **LED:** 2W T5 Wedge (18039, 18040) Compares up to 16W Xenon 1.2W T3/G4 (18200, 18201) Compares up to 10W Halogen 2W T3/G4 (18206, 18207) Compares up to 20W Halogen *Light distribution may be affected by location of sockets*
Wiring	59" of usable #18-2, SPT-1W leads. Cable connectors supplied.	71" of usable #18-2, SPT-1W leads. Cable connectors supplied.
	Coordinating Products	**Coordinating Product**
Notes	Includes stainless steel post adaptor and rail adaptor, fits standard 4"x4" post. Includes 16.25W(VA) 912X (**17023**) Xenon lamp. Brass will naturally patina over time.	Includes stainless steel rail mounting bracket, fits standard 4"x4" post, and adaptor for 6"x6" post. Includes 16.25W(VA) 912X (**17023**) Xenon lamp. Brass will naturally patina over time.
	Path Light **15391** page 148, Bollard **15392** page 153	Path Light **15444**, page 147
Dimensions	7" 5"	6.25" 5.75"

Retrofit Deck & Patio

	Adjustable Under Deck Rail	Louvered Down Deck Rail	
Finishes	**AZT**	**AZT** (shown), WHT	Additional Finishes
Item Number and Finish	**15077** AZT	**15066** AZT **15066** WHT	**WHT**
Housing	Aluminum	Aluminum	
Lamp Base	12V S8 Wedge base socket	12V T5 Wedge base socket	
Lamp Options-Power usage at 12V AC input	**LED only:** 2W S8 Wedge (18202, 18203) Compares up to 20W Halogen	**Incandescent:** 4W(VA) 901X (17021)	**LED:** 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen
Wiring	72" of usable #18-2, SPT-1W leads. Cable connectors supplied.	72" of usable #18-2, SPT-1W leads. Cable connectors supplied.	
Notes	Includes 18.5W(VA) 3155K (**15599**) Krypton lamp and mounting hardware.	Includes 6.5W(VA) 918X (**17022**) Xenon lamp and stainless steel mounting plate. U.S. Patent No. D437,445	
Dimensions	2.5" / 4" — Wall mount option	1.25" / 6"	

See page 169 for compatible incandescent lamps and pages 167-168 for LED lamps. Each product lists compatible item number(s) for reference.

	Up/Down Accent Deck Light	Barbecue Light
Finishes	**AZT**	**BK**
Item Number and Finish	**15079** AZT	**15123** BK
Housing	Aluminum	Components of durable, high-heat, thermo-plastic 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 proteded by waterproof rubber boot.
Lamp Base	12V T5 Wedge base socket	12V Bi-Pin, high-temperature porcelain socket
Lamp Options-Power usage at 12V AC input	**Incandescent:** 4W(VA) 901X (17021) 6.5W(VA) 918X (17022) / **LED:** 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen	**LED only:** 2.5W MR11 (18158-18165)
Wiring	70" of usable #18-2, SPT-1W leads. Cable connectors supplied.	25" of usable #18-2, SPT-1W leads. Cable connectors supplied.
Notes	Includes stainless steel surface mounting plate and two 11.6W(VA) 912X (**17023**) Xenon lamps.	Includes one set of wood screws, one set of machine screws and nuts. For rail or outdoor countertop mount only.
Accessories	**15659 AZT** Heat-Resistant Lens	
Dimensions	2.25" 6" 3"	24" 6"

Retrofit Deck & Patio

	Louvered Brick Light	Acrylic Lens Brick Light
Finishes	**AZT**	**AZT**
Item Number and Finish	**15073** AZT	**15074** AZT
Housing	Cast Aluminum with a fully sealed, heat-resistant glass lens	Cast Aluminum with a fully sealed, heat-resistant glass lens
Lamp Base	(2) 12V T3 Bi-Pin, high-temperature porcelain sockets	(2) 12V T3 Bi-Pin, high-temperature porcelain sockets
Lamp Options-Power usage at 12V AC input	**LED only:** 2W T3/G4 Bi-Pin (18042, 18043) Compares up to 20W Halogen 1.2W T3/G4 Bi-Pin (18200, 18201) Compares up to 10W Halogen 2W T3/G4 Bi-Pin (18206, 18207) *Light distribution may be affected by location of sockets*	**LED only:** 2W T3/G4 Bi-Pin (18042, 18043) Compares up to 20W Halogen 1.2W T3/G4 Bi-Pin (18200, 18201) Compares up to 10W Halogen 2W T3/G4 Bi-Pin (18206, 18207) *Light distribution may be affected by location of sockets*
Wiring	Wire connection must be made inside fixture housing. 75º supply wire required.	Wire connection must be made inside fixture housing. 75º supply wire required.
Notes	Includes stainless steel mounting bracket and two 10W(VA) Q10T3 (**17011**) Halogen lamps. LED version of fixture **15773** on page 68. For masonry or concrete use, outdoors only.	Included stainless steel mounting hardware and junction box. Designed to be integrated into brick wall during construction. LED version is also usable in vertical risers. LED version of fixture **15774** on page 68.
Dimensions		

	Mini Louvered Step Light		Mini Acrylic Lens Step Light
Finishes	**WHT** (shown), AZT	Additional Finishes	**AZT**
Item Number and Finish	**15072** AZT **15072** WHT		**15070** AZT
Housing	Aluminum faceplate with white reflector. Zinc plated steel housing.	**AZT**	Aluminum faceplate with white reflector. Zinc plated steel housing with white acrylic diffuser.
Lamp Base	12V T5 Wedge base socket		12V T5 Wedge base socket
Lamp Options–Power usage at 12V AC input	**Incandescent:** 6.5W(VA) 918X (17022) 4W(VA) 901X (17021)	**LED:** 2W T5 Wedge (18204, 18205) Compares to 20W Halogen 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen *Light distribution may be affected by location of sockets*	**Incandescent:** 6.5W(VA) 918X (17022) 4W(VA) 901X (17021) **LED:** 2W T5 Wedge (18204, 18205) Compares to 20W Halogen 1.2W T5 Wedge (18198, 18199) Compares up to 10W Halogen *Light distribution may be affected by location of sockets*
Wiring	Wire connection must be made inside fixture housing. 90° supply wire required.		Wire connection must be made inside fixture housing. 90° supply wire required.
Notes	Includes mounting hardware and junction box. For recessed installation and outdoor use only. LED version of fixture **15782** on page 69.		Includes mounting hardware and junction box. For recessed installation and outdoor use only. LED version of fixture **15780** on page 69.
Dimensions	2.5" 3" 2" 5"		2.5" 3" 2" 5"

12V Lamps

LED, Incandescent and more

LED or incandescent choices are designed to illuminate and perform with Kichler dependability. Superior optics and fully potted electronics generate consistent light output across a 9V to 15V operating range.

12V LED LAMPS
Features

- Potted and/or coated electronics protect against moisture
- Generate consistent light output for systems with an operating range from 9V to 15V with no loss in light output
- Designed and listed for outdoor use in enclosed fixtures/damp locations **D** or wet locations **W**
- Cast aluminum heat sink, anodized black, for increased thermal management
- Integrated, high-output LEDs are tightly binned for high CRI, color consistency 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
- 6-year warranty

Photometrics: 12V LED Lamps

Beam Spread: 15°, 2700K, CBCP = 1975 **18126**	Beam Spread: 40°, 2700K, CBCP = 550 **18130**	Beam Spread: 60°, 2700K, CBCP = 242 **18132**
HEIGHT / DIAMETER 16.5' 7.2fc 4.5' 13' 11.6fc 3.5' 10' 20.2fc 2.7' 6.5' 47.9fc 1.8' 3.5' 165fc 1.0'	HEIGHT / DIAMETER 16.5' 2.0fc 12.3' 13' 3.3fc 9.7' 10' 5.5fc 7.5' 6.5' 13.0fc 4.9' 3.5' 44.5fc 2.6'	HEIGHT / DIAMETER 16.5' .9fc 26.8' 13' 1.5fc 21.1' 10' 2.4fc 16.2' 6.5' 5.7fc 10.5' 3.5' 19.8fc 5.7'
4W MR16	**4W MR16**	**4W MR16**
Beam Spread: 15°, 2700K, CBCP = 1705 **18134**	Beam Spread: 40°, 2700K, CBCP = 734 **18138**	Beam Spread: 60°, 2700K, CBCP = 372 **18140**
HEIGHT / DIAMETER 16.5' 6.2fc 5.7' 13' 10.0fc 4.5' 10' 16.8fc 3.5' 6.5' 40.1fc 2.2' 3.5' 136.8fc 1.2'	HEIGHT / DIAMETER 16.5' 2.7fc 12.5' 13' 4.3fc 9.9' 10' 7.3fc 7.6' 6.5' 17.4fc 4.9' 3.5' 59.3fc 2.7'	HEIGHT / DIAMETER 16.5' 1.3fc 25.6' 13' 2.1fc 20.2' 10' 3.5fc 15.5' 6.5' 8.5fc 10.1' 3.5' 28.9fc 5.4'
5W MR16	**5W MR16**	**5W MR16**
Beam Spread: 15°, 2700K, CBCP = 3422 **18142**	Beam Spread: 40°, 2700K, CBCP = 1326 **18146**	Beam Spread: 60°, 2700K, CBCP = 676 **18148**
HEIGHT / DIAMETER 41.7' 2.0fc 13.5' 33.3' 3.1fc 10.8' 25' 5.5fc 8.1' 16.7' 12.3fc 5.4' 8.3' 49.3fc 2.7'	HEIGHT / DIAMETER 41.7' .8fc 29' 33.3' 1.2fc 23.2' 25' 2.1fc 17.4' 16.7' 4.8fc 11.6' 8.3' 19.1fc 5.8'	HEIGHT / DIAMETER 41.7' .4fc 47.7' 33.3' .6fc 38.1' 25' 1.1fc 28.6' 16.7' 2.4fc 19.1' 8.3' 9.7fc 9.5'
7W MR16	**7W MR16**	**7W MR16**

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 **Kichler.com/Landscape**.

12V LED Lamps

LAMP	ITEM #	BASE/ LAMP TYPE	WATTS	KELVIN/LUMENS (lm for Bare Lamps)	BEAM ANGLE/ITEM #			
					15° Spot	25° Narrow Flood	40° Flood	60° Wide Flood
	18150, 18152, 18154, 18156	MR8 Bi-Pin Damp Location (D)	2W, 3.1VA Compares up to 15W Halogen	2700K – Warm White 140 lm	18150	18152	18154	18156
	18151, 18153, 18155, 18157			3000K – Pure White 150 lm	18151	18153	18155	18157
	18158, 18160, 18162, 18164	MR11 Bi-Pin Damp Location (D)	2.5W, 3.8VA Compares up to 20W Halogen	2700K – Warm White 180 lm	18158	18160	18162	18164
	18159, 18161, 18163, 18165			3000K – Pure White 180 lm	18159	18161	18163	18165
	18126, 18128, 18130, 18132	MR16 Damp Location (D)	4W, 5.4VA Compares up to 20W Halogen	2700K – Warm White 285 lm	18126	18128	18130	18132
	18127, 18129, 18131, 18133			3000 – Pure White 285 lm	18127	18129	18131	18133
	18134, 18136, 18138, 18140	MR16 Damp Location (D)	5W, 6.6VA Compares up to 35W Halogen	2700K – Warm White 365 lm	18134	18136	18138	18140
	18135, 18137, 18139, 18141			3000K – Pure White 365 lm	18135	18137	18139	18141
	18142, 18144, 18146, 18148	MR16 Damp Location (D)	7.2W, 9.9VA Compares up to 50W Halogen	2700K – Warm White 615 lm	18142	18144	18146	18148
	18143, 18145, 18147, 18149			3000K – Pure White 615 lm	18143	18145	18147	18149
	18166, 18168, 18170, 18172	PAR36 Wet Location (W)	4.2W, 6.3VA Compares up to 20W Halogen	2700K – Warm White 290 lm	18166	18168	18170	18172
	18167, 18169, 18171, 18173			3000K – Pure White 290 lm	18167	18169	18171	18173
	18174, 18176, 18178, 18180	PAR36 Wet Location (W)	6W, 8.5VA Compares up to 35W Halogen	2700K – Warm White 475 lm	18174	18176	18178	18180
	18175, 18177, 18179, 18181			3000K – Pure White 475 lm	18175	18177	18179	18181
	18182, 18184, 18186, 18188	PAR36 Wet Location (W)	10W, 13.2VA Compares up to 50W Halogen	2700K – Warm White 700 lm	18182	18184	18186	18188
	18183, 18185, 18187, 18189			3000K – Pure White 700 lm	18183	18185	18187	18189
	18021, 18024, 18027	PAR36/AR111 Wet Location (W)	10W, 13.2VA Compares up to 50W Halogen	2700K – Warm White 620 lm	18021	18024	18027	--
	18022, 18025, 18028			3000K – Pure White 620 lm	18022	18025	18028	--
	18190, 18192, 18194, 18196	PAR36 Wet Location (W)	14W, 19.2VA Compares up to 75W Halogen	2700K – Warm White 1090 lm	18190	18192	18194	18196
	18191, 18193, 18195, 18197			3000K – Pure White 1090 lm	18191	18193	18195	18197

12V LED Lamps

LAMP	ITEM #	BASE/LAMP TYPE	WATTS	KELVIN/LUMENS (lm for Bare Lamps)	BEAM ANGLE/ITEM #s
					300° Omni-Directional
	18036	S8 Wedge Wet Location (W)	2W, 2.9VA Compares up to 18.5W Krypton	2700K - Warm White / 95 lm	18036
	18037			3000K - Pure White / 95 lm	18037
	18039	T5 Wedge Wet Location (W)	2W, 2.9VA Compares up to 16W Xenon	2700K - Warm White / 95 lm	18039
	18040			3000K - Pure White / 95 lm	18040
	18042	G4/T3 Bi-Pin Wet Location (W)	2W, 2.9VA Compares up to 20W Halogen	2700K - Warm White / 95 lm	18042
	18043			3000K - Pure White / 95 lm	18043
					120° Beam Angle
	18122	S8 Wedge* Wet Location (W)	1.5W, 2.4VA Compares up to 18.5W Krypton	2700K - Warm White / 130 lm	18122
	18123			3000K - Pure White / 130 lm	18123
	18120	T5 Wedge* Wet Location (W)	1.5W, 2.4VA Compares up to 16W Xenon	2700K - Warm White / 130 lm	18120
	18121			3000K - Pure White / 130 lm	18121
	18124	G4/T3 Bi-Pin* Wet Location (W)	1.5W, 2.4VA Compares up to 20W Halogen	2700K - Warm White / 130 lm	18124
	18125			3000K - Pure White / 130 lm	18125

LAMP	ITEM #	BASE/LAMP TYPE	WATTS	KELVIN/LUMENS (lm for Bare Lamps)	BEAM ANGLE/ITEM #s 180°	300°
	18198	T5 Wedge Mini Ceramic Wet Location (W)	1W, 1.2VA Compares up to 10W Halogen	2700K - Warm White / 85 lm	18198	--
	18199			3000K - Pure White / 85 lm	18199	--
	18200	T3/G4 Bi-Pin Micro Ceramic Wet Location (W)	1W, 1.2VA Compares up to 10W Halogen	2700K - Warm White / 85 lm	18200	--
	18201			3000K - Pure White / 85 lm	18201	--
	18204	T5 Wedge High Lumen Mini Wet Location (W)	2.3W, 3.3VA Compares up to 20W Halogen	2700K - Warm White / 215 lm	--	18204
	18205			3000K - Pure White / 215 lm	--	18205
	18202	S8 Wedge High Lumen Mini Wet Location (W)	2.3W, 3.3VA Compares up to 20W Halogen	2700K - Warm White / 215 lm	--	18202
	18203			3000K - Pure White / 215 lm	--	18203
	18206	T3/G4 Bi-Pin High Lumen Mini Wet Location (W)	2.3W, 3.3VA Compares up to 20W Halogen	2700K - Warm White / 215 lm	--	18206
	18207			3000K - Pure White / 215 lm	--	18207
	18208	BA15 Single Contact High Lumen Mini Wet Location (W)	2.3W, 3.3VA Compares up to 20W Halogen	2700K - Warm White / 215 lm	--	18208
	18209			3000K - Pure White / 215 lm	--	18209

12V Incandescent Lamps

LAMP/BULB	ITEM #	12V BULB TYPE	WATTS	BEAM SPREAD	BASE	AVERAGE LIFE
	15599 CLR	3155K Krypton	18.5	--	Wedge	5,700 hrs.
	15598 CLR	3156K Krypton	24.4	--	Wedge	5,000 hrs.
	17011	Q10T3 Halogen	10	--	Bi-Pin	10,000 hrs.
	17012	Q20T3 Halogen	20	--	Bi-Pin	5,000 hrs.
	17021	901X Xenon	4	--	Wedge	19,000 hrs.
	17022	918X Xenon	6.5	--	Wedge	8,000 hrs.
	17023	912X Xenon	11.6	--	Wedge	10,000 hrs.
	17025	921X Xenon	16.25	--	Wedge	10,000 hrs.
	17033	PAR36 Halogen	20	Flood 30°	Screw Terminal	4,000 hrs.
	17040	PAR36 Halogen	35	Flood 30°	Screw Terminal	4,000 hrs.
	17046	PAR36 Halogen	50	Narrow Flood 20°	Screw Terminal	4,000 hrs.
	17047	PAR36 Halogen	50	Flood 30°	Screw Terminal	4,000 hrs.
	17052	MR11 Halogen	20	Flood 30°	Bi-Pin	2,000 hrs.
	17057	MR11 Halogen	35	Flood 30°	Bi-Pin	2,000 hrs.
	17062	MR16 Halogen	20	Flood 36°	Bi-Pin	5,000 hrs.
	17072	MR16 Halogen	35	Flood 36°	Bi-Pin	5,000 hrs.
	17082	MR16 Halogen	50	Flood 36°	Bi-Pin	5,000 hrs.
	17083	MR16 Halogen	50	Wide Flood 60°	Bi-Pin	5,000 hrs.
	17077	MR16 Halogen	35	Flood 36°	Bi-Pin	10,000 hrs.
	17087	MR16 Halogen	50	Flood 36°	Bi-Pin	10,000 hrs.
	15572 FRO	A19 12V	25	--	Medium	--

*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 lamps only. Using lamps 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.
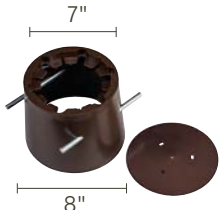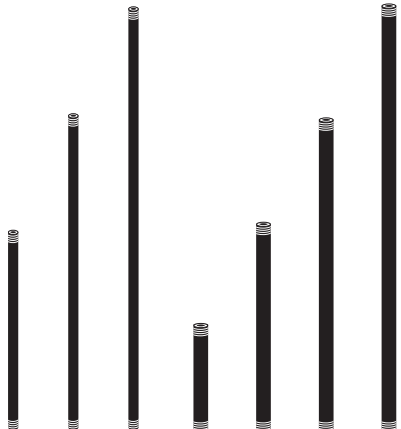
12V Accessories

LED and Incandescent

Weights, mounting kits, stems and more – all specifically engineered for 12V LED or incandescent projects. Not sure what accessories your job might require? Contact our Product Solutions and Layout team (pg. 8) for expert advice.

Mounting Accessories	Item Number		Notes
Concrete Installation Kit 7" 8"	**16501** BBRP		• Drive-over and walk-over rated to 4,500 lbs. • Throw-away debris lid • Includes two steel support rods For use with fixtures 4W, 6.5W & 14W – 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038
Fixture Mounting Stems	.25-18 NPSM Thd. Stems .5" Dia. Overall 12" **15651** AZT, BKT 18" **15652** AZT, BKT 24" **15653** AZT, BKT *Reference fixture specifications for proper stem*	.5-14 NPSM Thd. Stems .75" Dia. Overall 6" **15645** AZT, BBR, BKT 12" **15656** AZT, BBR, BKT 18" **15657** AZT, BBR, BKT 24" **15658** AZT, BBR, BKT	All stems made of corrosion-resistant aluminum alloy (except BBR, which is Cast Brass) with baked thermoset powder coating to match fixtures. Used with: • In-ground support stakes (low-voltage only) • Surface mounting flange (low or line voltage) **.5-14 NPSM stems will require additional Coupler (15649) or Elbow (15647) for accent light use.**
Adjustable Height Stems Extends from 18" to 33"	**15570** AZT, BKT		For use with most 12V accent fixtures. Corrosion-resistant aluminum alloy with baked thermoset powder coat finish. Stem allows fixture height to be extended for plant growth. Used with in-ground support stakes (order separately). **.5-14 NPSM stems will require additional Coupler (15649) or Elbow (15647) for accent light use.**
Bollard Mounting Kit 4.0625" ID 4.25" OD	18" **15665** AZT, BKT 24" **15666** AZT, BKT 36" **15667** AZT, BKT	For use with fixtures: 15005, 15011, 15205, 15211	Bollard kit is supplied with cast aluminum internal mounting plate including lag bolts for deck or surface mounting. Extruded aluminum bollard finished with baked thermoset powder coat. Order separate bollard template kit for installation into concrete or bollard mounting stake for installation in soil. UL and CSA listed.
Bollard Template Kit	**15671** ST	For use with fixtures: 16130, 16131, 16132, 16133	For use with all bollard mounting kits. For permanent installation into concrete. Template kit includes positioning template, anchor bolts and mounting hardware.
Bollard Mounting Stake 23" H	**15578** BK	For use with fixtures: 16130 AZT, BKT 16131 AZT, BKT 16132 AZT, BKT 16133 AZT, BKT	For use with all bollard mounting kits on 12V and 120V fixtures.* Improved extruded PVC stake is corrosion-resistant and 23" length has increased support and stability. Fitting provided to mount bollard in soil. *As allowed by local electrical codes.
Polymeric Support Stakes 8" H & 14" H	**15575** BK - 8" In-ground Stake **15576** BK - 14" In-ground Stake		For use with 12V fixtures. Injection molded stakes are corrosion-resistant and provide maximum support and stability. U.S. Patent No. D415,018

Mounting Accessories	Item Number	Notes
Elbow 1.18" W 2.09" H 1.35" L	**15647** AZT, BBR, 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 (AZT), Bronzed Brass (BBR) or Textured Black (BKT) finish. Stabilizer set screw included.
Stem Coupler .5-14 NPSM Thd. 1.5" H	**15649** AZT, BBR, BKT	Aluminum (except BBR, which is Brass) coupler. For use with .5" NPSM stems.
Surface Mounting Flange 4" D .5-14 NPSM Thd.	**15601** AZT, BBR, BKT, 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.
Flange Mounting Nipple 1" x .5-14 NPSM Thd.	**15602** AL	Anodized aluminum nipple. Used when attaching fixture directly to 15601 Flange and 15607 Bracket.
Surface Mounting Bracket 1.5" x 2.5" x 1" .5-14 NPSM Thd.	**15607** AZT, BBR, BKT, 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.
Out of Water Bracket 2.52" W	**15777** SS For use with fixture: 15711 SS	Stainless Steel easy-mount bracket for use above ground on any surface — ideal for wood and masonry when used on decks, patios or overhangs.
Multi-Fixture Weighted Base 3.375" W	**15776** BK For use with fixture: 15711 SS	Heavy-weighted, three-pronged underwater accessory for two or three fixtures to give maximum flexibility and directional capability.
Single Fixture Weighted Base 3.375" W	**15778** BK For use with fixture: 15711 SS	Heavy-weight, one-prong underwater light accessory for standard installations. Provides advanced directional capability.
Junction Box Mounting Bracket 2.39" W 5.56" H	**15609** AZT, BKT, CBR, WHT	Corrosion-resistant Cast Aluminum alloy with baked thermoset powder coat finish. Use with 12V and 120V fixtures.
1 LED Hardscape Bracket .66" W .6" H 3" L	**15716** SS For use with fixtures: 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.

Mounting Accessories	Item Number	Notes
3 LED Flat Mounting Bracket .66" W .6" H 6.9" L	**15717** SS	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 an inadequate, overhang surface area. Mounting hardware included.
6 LED Flat Mounting Bracket .66" W .6" H 12.9" L	**15718** SS	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 an inadequate, overhang surface area. Mounting hardware included.
9 LED Flat Mounting Bracket .66" W .6" H 18.9" L	**15719** SS	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 an inadequate, overhang surface area. Mounting hardware included.
Gutter Mount 2.75" W .75" H 4" L	**15489** CBR	Surface mount accessory sits cleanly above a gutter for second story or dormer lighting. Mounting hardware included.
3" Round Mounting Base	**15493** CBR	Simple mounting base for a variety of surfaces. Mounting hardware included.
Male/Female Riser	3" **15509** CBR 6" **15510** CBR 12" **15511** CBR 18" **15512** CBR 24" **15513** CBR	Dual male and female stems give you height where you need upward extension. No couplers needed.
90° Elbow .5" W .5" H 2.75" L	**15514** CBR	Creates a 90 degree angle which can be used for area or path lighting with an accent light.
Two Fixture Mount 2" W 1" H 2" L	**15515** CBR	Two fixture mount allows for up and down lighting, dual fixture sign or wall applications, or area lighting.
Tree Bracket 1.5" W 1.25" H 6" L	**15516** CBR	Inexpensive mounting solution for tree or surface mounting applications.

Lens Accessories	Item Number	Notes
Amber Lens	**Integrated LED:** **16071** AMB For use with: 16015–16017 **16072** AMB For use with: 16018–16020 **15875** AMB For use with: 16150–16158	Warms light to an amber hue at around 2500K. Designed specifically for LED lighting
Green Foliage Lens	**Integrated LED:** **16071** GRN For use with: 16015–16017 **16072** GRN For use with: 16018–16020 **15885** GRN For use with: 16150–16158	Intensifies the green color of foliage and is an option for moon lighting for a cooler effect. Designed specifically for LED lighting
Frosted Lens	**Integrated LED:** **16071** FRO For use with: 16015–16017 **16072** FRO For use with: 16018–16020 **15895** FRO For use with: 16150–16158 **Retrofit:** **15672** FRO For use with: 15382 **15676** FRO For use with: 15092, 15384, 15484, 15494 **15633** FRO For use with: 15398 **15643** FRO For use with: 15374 **15691** FRO For use with: 15381	Creates a soft focus and diffuses the light to provide even, clean illumination
Red Lens	**Integrated LED:** **16071** RD For use with: 16015–16017 **16072** RD For use with: 16018–16020 **15875** RD For use with: 16150–16158	Colorizes the light beam for a holiday red effect.
Holiday Green Lens	**Integrated LED:** **16071** HGRN For use with: 16015–16017 **16072** HGRN For use with: 16018–16020 **15875** HGRN For use with: 16150–16158	Colorizes the light beam for a holiday green effect.
Blue Lens	**Retrofit:** **15631** BL For use with: 15398 **15641** BL For use with: 15374 **15673** BL For use with: 15382 **15686** BL For use with: 15092, 15384, 15484, 15485, 15494 **15687** BL For use with: 15381 **15693** BL For use with: 15397	Brings out the true rich green color in foliage, especially in evergreens.
Linear Lens	**Retrofit:** **15674** LIN For use with: 15382 **15675** LIN For use with: 15092, 15384, 15484, 15494 **15632** LIN For use with: 15398 **15642** LIN For use with: 15374 **15692** LIN For use with: 15381	Create a directional beam to highlight or elongate the beam spread on columns, arches, taller trees and wider objects. Turns a circular accent light beam into a rectangular shape.

Lens/Shield Accessories	Item Number	Notes
Polycarbonate Lens	**Integrated LED:** **15677** CLR For use with: 15827 **15695** CLR For use with: 15815 **Retrofit:** **15695** CLR For use with: 15315	Provides additional internal protection from lawn sprinklers, etc.
Heat-Resistant Lens	**Retrofit:** **15659** AZT For use with: 15079 **15689** BK For use with: 15088, 15388	Heat-resistant glass lens held in an aluminum ring.
Cowl - Polycarbonate 2.5"	**16050** BBRP For use with: 16030-16038	Feature water-weeping channels for drainage. Easy, two-screw installation.
Cowl - Cast Brass 2.5"	**16050** BBR For use with: 16030-16038	Feature water-weeping channels for drainage. Easy, two-screw installation.
Small Long Cowl 2.4"	**16067** AZT, BKT, CBR For use with: 16015-16017	Ideal solution for downlighting where increased glare control is needed.
Large Long Cowl 5.75"	**16068** AZT, BKT, CBR For use with: 16018-16020	Ideal solution for downlighting where increased glare control is needed.
Small 360° Cowl 1.8"	**16069** AZT, BKT, CBR For use with: 16015-16017	Full cut-off shrouding for expanded glare control at all viewing angles.
Large 360° Cowl 4.4"	**16074** AZT, BKT, CBR For use with: 16018-16020	Full cut-off shrouding for expanded glare control at all viewing angles.
Long Cowl 5.8"	**16076** AZT, BKT, CBR For use with: 16150-16158	Ideal solution for downlighting where increased glare control is needed.

Shield Accessories	Item Number	Notes
Rock Guard – Polycarbonate	**16051** BBRP For use with: 16030-16038	Feature water-weeping channels for drainage. Easy, two-screw installation. Walk-over rated.
Rock Guard – Cast Brass	**16051** BBR For use with: 16030-16038	Drive-over and walk-over rated up to 4,500 lbs.
Rock Guard 5.9" Dia. 1.686" H	**Integrated LED:** **15787** BK For use with: 15767, 15769, 15728, 15748, 15729, 15757, 15758	Rock Guard/Glare Shield accessory for LED well lights. High-strength, UV and corrosion-resistant polycarbonate housing. Black Polycarbonate finish.
6.97" Dia. 1.29" H	**Retrofit:** **15694** AZ For use with: 15194, 15268	Rock Guard/Glare Shield corrosion-resistant for use with incandescent well lights. Architectural Bronze polycarbonate finish.
5.9" Dia. 1.686" H	**Retrofit:** **15690** BK For use with: 15088, 15388	Rock Guard/Glare Shield accessory for incandescent well lights. High-strength, UV and corrosion-resistant polycarbonate housing. Black polycarbonate finish.
Rock Guard – Solid Brass with Clear Lens 4.5" Dia. 1" H	**Retrofit:** **15482** CBR For use with: 15481	Rock Guard/Glare Shield accessory for Centennial Brass in-ground fixture. Optional clear lens provided.
Hexcell Louver	**Retrofit:** **15634** BK For use with: 15398 **15644** BK For use with: 15374 **15679** BK For use with: 15092, 15384, 15484, 15494 **15680** BK For use with: 15381 **15683** BK For use with: 15397 **Integrated LED:** **16073** BK For use with: 16015-16017 **16075** BK For use with: 16018-16020	Expanded aluminum shield with high temperature black finish. Provides maximum glare reduction for accent lights.
	FM127265 For use with: 15810, 15811, 15826, 15839, 15850, 15870, 16120, 16121, 16125	For glare control if on extreme elevations. Held in place with included reflector. For use with LED Path Lights utilizing the downward module.

LED Controller Accessories	Item Number	Notes
Remote 3.93" L 1.33" W	**16080** BK	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.
Range Extender 1.83" L 1.83" W	**16081** WH	Allows for wireless range extension (additional 300 ft.) between wireless devices (ex. power supply-to-power supply) Plugs into any standard 120V outlet (dry location, indoors only).
Wire EZPull 250' Boxes	**16088** BK - #14-2 Wire **16089** BK - #16-2 Wire	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 Design Pro LED Controller. See Kichler DC voltage drop calculator to calculate wire runs.
Vera™ Edge	**16082** BK	Allows for wireless app control and advanced schedules with plug in relays and Design Pro LED Controllers.
Vera™ Plus	**16083** BK	Allows for wireless app control and advanced schedules with plug in relays and Design Pro LED Controllers.

Transformer Accessories	Item Number	Notes
Mechanical Transformer Timer 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 Professional, Contractor & Plus series transformers.
Digital Transformer Timer 2.73" W 3.84" H 1.89" L	**15556** WH	Plug-in digital timer for use in all Professional, Contractor & Plus series transformers. Battery backup included. Straight forward programming and easy day light savings change over.
Plug-in Transformer Remote Photocell	**15534** BK	Plug-in photocell with 10' cord is for use in all Professional, Contractor & Plus series transformers.
Plug-in Transformer Photocell	**15565** BK	Plug-in photocell is for use in all Professional, Contractor & Plus series transformers.
Synchronizer Device	**15511** BK	Synchronize all transformers used in a landscape setting so they turn on and off at the same time. **Jumper wire (not included) should be a minimum of 24 gauge.**

Connection Accessories	Item Number	Notes
Low-Voltage Cable	**15501** BK 100' 12-gauge **15502** BK 250' 12-gauge **15503** BK 250' 8-gauge **15504** BK 250' 10-gauge **15505** BK 500' 12-gauge **15506** BK 1000' 12-gauge	#12-2, #10-2, 8-2 conductor SPT cable. UL listedfor 12V outdoor lighting applications. UV stabilized PVC insulation. For direct burial.
Gel-Filled Wire Connector	**15579** BK - blue 8 & 10-gauge cable **15589** BK - red 12-gauge cable	Wire connector offers one-step, twist-on, waterproof, in-line cable splicing for direct burial. Services both 12V or 120V line voltage.
QUIK DISC® Connector	**15509** BK	**For use with #12-2 or #10-2 low-voltage cable only.** Joins #18-2 SPT-1W fixture leads with #12-2 or #10-2 low-voltage cable. Injection molded polycarbonate with nickel-plated brass contacts to provide maximum corrosion protection and improved conductivity.
Pro Series Wire Connector	**15529** BL	**Bulk pack of 100 connectors, packed in sealed bags of 10.** Gel-filled wire connector provides watertight long-lasting connection. Suitable for direct burial. Connects two #12 gauge to one #18 gauge.Two connectors required per connection.
Low-Voltage Power Conditioner (LVPC)	**16059** BK	**Master pack of 5.** Protects against electrical spikes and power irregularities. Ensures safe power levels to fixture. Precautionary sacrificial barrier in the event of surges over 3000 volts. For use with all LED 12V products.

Installation Accessories	Item Number	Notes
Kichler Landscape Flag Marker	**15507** ONG	A great tool for designing your landscape lighting system. Plot out your landscape lighting needs with these green marker flags.
Corrosion Preventative Compound	**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.

120V Lighting

Kichler® 120V integrated LED and incandescent lighting is available in accent, flood and in-ground options for a variety of new or retrofit commercial landscape lighting applications. Each offers exceptional durability, a clear and clean quality of light, sleek designs, and incredible energy savings: all while keeping your project budget in line.

120V–277V Accent

Integrated LED C-Series (Commercial)

You can count on our LED fixtures to pay for themselves on average in less than two years with a lower cost of ownership than traditional light sources. Incandescent options provide additional solutions to meet client demands.

LED Commercial Outdoor Lighting that lives up to the Kichler name — and your reputation.

ACCENT & FLOOD LIGHTING

Center-to-edge optics

C-Series Accents and Floods offer center-to-edge optics for precise and uniform beam spread with no artifacts. In addition, each fixture is designed with 3-step binning to deliver a consistent color from fixture to fixture.

Potted driver

is fully potted to protect against water ingression, which ensures long-lasting performance.

Plugged knuckle cavity with strain relief

and internal cord grip system prevents movement to reinforce a secure connection at the source.
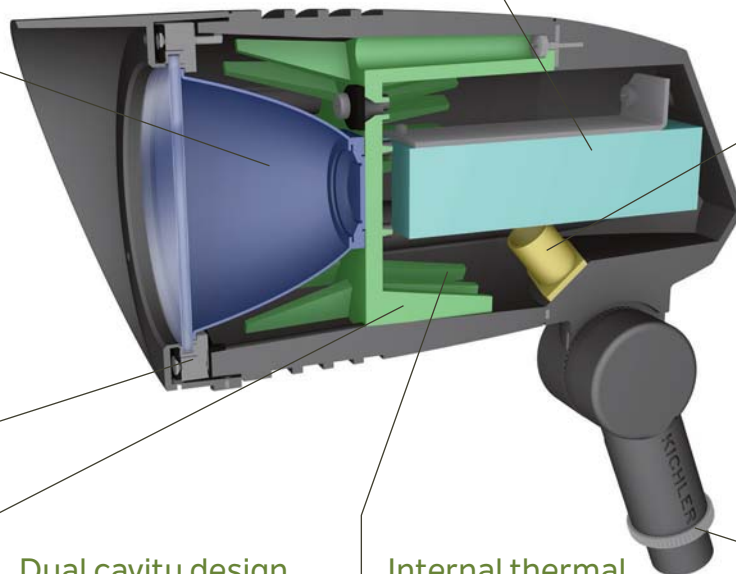
Multi-layer front lens seal

ensures a moisture-resistant seal.

Dual cavity design

with cast aluminum housing divided into two independent compartments to protect the optical chamber and the LED from the operating heat of the driver.

Internal thermal management

happens with internal cast heat sinking to repel heat from the driver to maximize lifetime and performance.

Machined threads

and lock nuts for simple installations and adjustability.

Durable knuckle

with deep grooved teeth for stronger engagement that is less likely to wear down.

Built-in draining

designed to prevent water from pooling on the face of the fixture.

The sturdy design of the Kichler C-Series line delivers years of quality light performance.

Exceptionally Engineered

The C-Series line provides 120V-277V universal voltage from one fixture and contains built-in surge protection (4kV). The durable knuckle features clean-cut, deep ridges for a stronger engagement and comes equipped with vandal-resistant hardware for extended durability. And, our sleek designs feature die-cast, all-metal housings finished with a polyester powder coating that stands up to environmental demands.

Designed for Performance

Our C-Series LED fixtures feature the latest in LED technology with center-to-edge optics for a precise beam spread that is uniform and crisp. Our 3-step binning process also assures the color you choose — 3000K or 4000K — is consistent from fixture to fixture.

Sleek and coordinating designs

Thick-gauge, cast metal housings

Textured powder coat finish

Center-to-edge optics

These integrated fixtures come in a variety of beam spreads.

Use the 15-degree beam spread for tall, thin applications, 40-degree for medium height and width elements, and 55-degree for short, wide beams on broad structures or trees.

15°
Beam Spread

33°/40°
Beam Spread

55°
Beam Spread
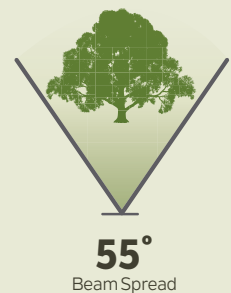
C-Series Accent

	Small Accent – 5.3W		Small Accent – 10W	
Finishes	**AZT** (shown), BKT		**BKT** (shown), AZT	
Color Temperature	3000K - Pure White	4000K - Cool White	3000K - Pure White	4000K - Cool White
Item Number by Beam Spread and Finish	**15° Beam Spread** 16209 AZT30 16209 BKT30 **40° Beam Spread** 16210 AZT30 16210 BKT30 **55° Beam Spread** 16211 AZT30 16211 BKT30	**15° Beam Spread** 16209 AZT40 16209 BKT40 **40° Beam Spread** 16210 AZT40 16210 BKT40 **55° Beam Spread** 16211 AZT40 16211 BKT40	**15° Beam Spread** 16212 AZT30 16212 BKT30 **40° Beam Spread** 16213 AZT30 16213 BKT30 **55° Beam Spread** 16214 AZT30 16214 BKT30	**15° Beam Spread** 16212 AZT40 16212 BKT40 **40° Beam Spread** 16213 AZT40 16213 BKT40 **55° Beam Spread** 16214 AZT40 16214 BKT40
Housing	Cast Aluminum		Cast Aluminum	
Wattage/pf, Delivered Lumens & Efficacy	5.3W, .9pf 478 lm, 93 lm/W	5.3W, .9pf 514 lm, 100 lm/W	10W, .9pf 831 lm, 82 lm/W	10W, .9pf 942 lm, 91 lm/W
CRI	80+		80+	
Voltage Range	120V-277V, 50-60Hz. Surge protection up to 4kV.			
Light Source	1 integrated high-output LED with 3-step binning for color consistency. Custom reflector optics. Tested to a Lumen Maintenance L70 of 40,000 hrs.			
Notes	Replaces the equivalent of a 35W Halogen. Comes with 3 gel-filled wire nuts. IP66 rated. Vandal-proof hardware installed. Photometrics on page 218.		Replaces the equivalent of a 50W Halogen. Comes with 3 gel-filled wire nuts. IP66 rated. Vandal-proof hardware installed. Photometrics on page 218.	
Accessories	**15276** Power Post® **15601** Surface Mounting Flange **15609** Junction Box Mounting Bracket **15645, 15656, 15657, 15658** Stems			
Dimensions				

Dimensions: 7.07", 2.46", 2.87"

	Large Accent — 14.3W		Large Accent — 21W	
Finishes	**AZT** (shown), BKT		**BKT** (shown), AZT	
Color Temperature	3000K - Pure White	4000K - Cool White	3000K - Pure White	4000K - Cool White
Item Number by Beam Spread and Finish	**15° Beam Spread** **16215** AZT30 **16215** BKT30 **33° Beam Spread** **16216** AZT30 **16216** BKT30 **55° Beam Spread** **16217** AZT30 **16217** BKT30	**15° Beam Spread** **16215** AZT40 **16215** BKT40 **33° Beam Spread** **16216** AZT40 **16216** BKT40 **55° Beam Spread** **16217** AZT40 **16217** BKT40	**15° Beam Spread** **16218** AZT30 **16218** BKT30 **33° Beam Spread** **16219** AZT30 **16219** BKT30 **55° Beam Spread** **16220** AZT30 **16220** BKT30	**15° Beam Spread** **16218** AZT40 **16218** BKT40 **33° Beam Spread** **16219** AZT40 **16219** BKT40 **55° Beam Spread** **16220** AZT40 **16220** BKT40
Housing	Cast Aluminum		Cast Aluminum	
Wattage/pf, Delivered Lumens & Efficacy	14W, .9pf 1263 lm, 90 lm/W	14W, .9pf 1374 lm, 96 lm/W	21W, .9pf 2015 lm, 97 lm/W	21W, .9pf 2111 lm, 99 lm/W
CRI	80+		80+	
Voltage Range	120V-277V, 50-60Hz. Surge protection up to 4kV.			
Light Source	1 integrated high-output LED with 3-step binning for color consistency. Custom reflector optics. Tested to a Lumen Maintenance L70 of 40,000 hrs.			
Notes	Replaces the equivalent of a 90W Halogen. Comes with 3 gel-filled wire nuts. IP66 rated. Vandal-proof hardware installed. Photometrics on page 218.		Replaces the equivalent of a 35W Metal Halide. Comes with 3 gel-filled wire nuts. IP66 rated. Vandal-proof hardware installed. Photometrics on page 218.	
Accessories	**15276** Power Post® **15601** Surface Mounting Flange **15609** Junction Box Mounting Bracket **15645, 15656, 15657, 15658** Stems			
Dimensions				

8.43"   3.92"   2.85"

Accent

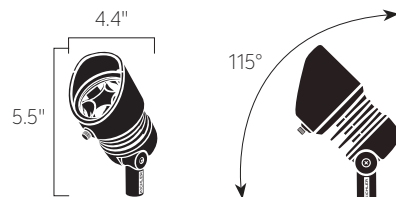|	Small Accent − 12.5W		Large Accent − 19.5W	
Finish	**BBR**		**BBR**	
Color Temperature	3000K - Pure White	4250K - Cool White	3000K - Pure White	4250K - Cool White
Item Number by Beam Spread and Finish	**10° Beam Spread** **16200** BBR30 **35° Beam Spread** **16201** BBR30 **60° Beam Spread** **16206** BBR30	**10° Beam Spread** **16200** BBR40 **35° Beam Spread** **16201** BBR40 **60° Beam Spread** **16206** BBR40	**10° Beam Spread** **16202** BBR30 **35° Beam Spread** **16203** BBR30 **60° Beam Spread** **16207** BBR30	**10° Beam Spread** **16202** BBR40 **35° Beam Spread** **16203** BBR40 **60° Beam Spread** **16207** BBR40
Housing	Cast Brass		Cast Brass	
Wattage/VA, Delivered Lumens & Efficacy	12.5W .13VA, .85pf / 590 lm 47 lm/W	12.5W .13VA, .85pf / 646 lm 52 lm/W	19.5W .18VA, .90pf / 947 lm 49 lm/W	19.5W .18VA, .90pf / 993 lm 51 lm/W
CRI	80+		80+	
Voltage Range	108V–132V, 50-60Hz. Surge protection up to 4kV.			
Light Source	5 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.	
Notes	Replaces the equivalent of a 50W Halogen. IP66 rated. Brass will naturally patina over time.		Replaces the equivalent of a 75W Halogen. IP66 rated. Brass will naturally patina over time.	
Accessories	**15276** Power Post® **15601** Surface Mounting Flange **15609** Junction Box Mounting Bracket **15645, 15656, 15657, 15658** Stems			
Dimensions	3.0" / 4.75" / 115°		4.4" / 5.5" / 115°	

Large Accent – 29W

Finish	BBR			
Color Temperature	3000K - Pure White		4250K - Cool White	
Item Number by Beam Spread and Finish	**10° Beam Spread** **16204** BBR30 **35° Beam Spread** **16205** BBR30 **60° Beam Spread** **16208** BBR30		**10° Beam Spread** **16204** BBR40 **35° Beam Spread** **16205** BBR40 **60° Beam Spread** **16208** BBR40	
Housing	Cast Brass			
Wattage/VA, Delivered Lumens & Efficacy	29W .27VA, .90pf	1131 lm 39 lm/W	29W .27VA, .90pf	1368 lm 47 lm/W
CRI	80+			
Voltage Range	108V-132V, 50-60Hz. Surge protection up to 4kV.			
Light Source	8 integrated high-output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.			
Notes	Replaces the equivalent of a 100W Halogen. IP66 rated. Brass will naturally patina over time.			
Accessories	**15276** Power Post® **15601** Surface Mounting Flange **15609** Junction Box Mounting Bracket **15645, 15656, 15657, 15658** Stems			
Dimensions	4.4" 5.5" 115°			

120V-277V Flood

Integrated LED C-Series (Commercial)

Optimum performance for large areas. Bring a full wash of light to large features: marquee signs, walls, fountains and more.
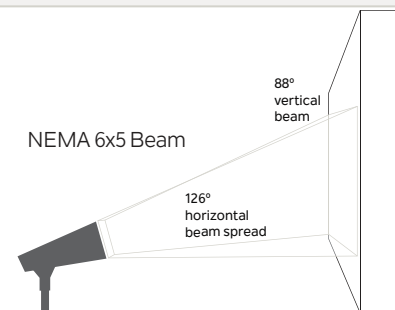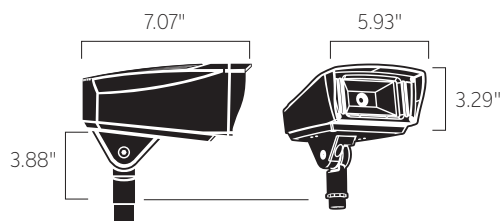
C-Series Flood

	Small Flood – 12W		Small Flood – 23W	
Finishes	**AZT** (shown), BKT		**BKT** (shown), AZT	
Color Temperature	3000K - Pure White	4000K - Cool White	3000K - Pure White	4000K - Cool White
Item Number by Mounting Type and Finish	**Knuckle Mount:** **16221** AZT30 **16221** BKT30 **Trunnion Mount:** **16221** AZT30TR **16221** BKT30TR **Slip-Fit Mount:** **16221** AZT30SL **16221** BKT30SL	**Knuckle Mount:** **16221** AZT40 **16221** BKT40 **Trunnion Mount:** **16221** AZT40TR **16221** BKT40TR **Slip-Fit Mount:** **16221** AZT40SL **16221** BKT40SL	**Knuckle Mount:** **16222** AZT30 **16222** BKT30 **Trunnion Mount:** **16222** AZT30TR **16222** BKT30TR **Slip-Fit Mount:** **16222** AZT30SL **16222** BKT30SL	**Knuckle Mount:** **16222** AZT40 **16222** BKT40 **Trunnion Mount:** **16222** AZT40TR **16222** BKT40TR **Slip-Fit Mount:** **16222** AZT40SL **16222** BKT40SL
Housing	Cast Aluminum		Cast Aluminum	
Wattage/pf, Delivered Lumens & Efficacy	12W, .9pf 1120 lm, 89 lm/W	12W, .9pf 1210 lm, 100 lm/W	23W, .9pf 2050 lm, 86 lm/W	23W, .9pf 2080 lm, 89 lm/W
CRI	80+		80+	
Voltage Range	120V-277V, 50-60Hz. Surge protection up to 4kV			
Light Source	1 integrated high-output LED with 3-step binning for color consistency. Custom reflector optics. Tested to a Lumen Maintenance L70 of 40,000 hrs.			
Notes	Replaces the equivalent of a 75W Halogen. Comes with 3 gel-filled wire nuts. IP66 rated. Vandal proof hardware installed. Photometrics on page 221.		Replaces the equivalent of a 35W Metal Halide. Comes with 3 gel-filled wire nuts. IP66 rated. Vandal proof hardware installed. Photometrics on page 221.	
Accessories	**15276** Power Post® **15601** Surface Mounting Flange **15609** Junction Box Mounting Bracket **15645, 15656, 15657, 15658** Stems			
Dimensions	7.07" 5.93" 3.29" 3.88"		NEMA 6x5 Beam 88° vertical beam 126° horizontal beam spread	

DLC: +10% lm / +3% lm/W

	Medium Flood – 33.5W		Medium Flood – 52W	
Finishes	**AZT** (shown), BKT		**BKT** (shown), AZT	
Color Temperature	3000K - Pure White	4000K - Cool White	3000K - Pure White	4000K - Cool White
Item Number by Mounting Type and Finish	Knuckle Mount: **16223** AZT30 **16223** BKT30 Trunnion Mount: **16223** AZT30TR **16223** BKT30TR Slip-Fit Mount: **16223** AZT30SL **16223** BKT30SL	Knuckle Mount: **16223** AZT40 **16223** BKT40 Trunnion Mount: **16223** AZT40TR **16223** BKT40TR Slip-Fit Mount: **16223** AZT40SL **16223** BKT40SL	Knuckle Mount: **16224** AZT30 **16224** BKT30 Trunnion Mount: **16224** AZT30TR **16224** BKT30TR Slip-Fit Mount: **16224** AZT30SL **16224** BKT30SL	Knuckle Mount: **16224** AZT40 **16224** BKT40 Trunnion Mount: **16224** AZT40TR **16224** BKT40TR Slip-Fit Mount: **16224** AZT40SL **16224** BKT40SL
Housing	Cast Aluminum		Cast Aluminum	
Wattage/pf, Delivered Lumens & Efficacy	33W, .9pf 3285 lm, 99 lm/W	33W, .9pf 3495 lm, 104 lm/W	50W, .9pf 4496 lm, 89 lm/W	50W, .9pf 4795 lm, 92 lm/W
CRI	80+		80+	
Voltage Range	120V-277V, 50-60Hz. Surge protection up to 4kV		120V-277V, 50-60Hz. Surge protection up to 4kV	
Light Source	2 integrated high-output LEDs with 3-step binning for color consistency. Custom reflector optics. Tested to a Lumen Maintenance L70 of 40,000 hrs.			
Notes	Replaces the equivalent of a 70W Metal Halide. Comes with 3 gel-filled wire nuts. IP66 rated. Vandal proof hardware installed. Photometrics on page 218.		Replaces the equivalent of a 100W Metal Halide. Comes with 3 gel-filled wire nuts. IP66 rated. Vandal proof hardware installed. Photometrics on page 218.	
Accessories	**15276** Power Post® **15601** Surface Mounting Flange **15609** Junction Box Mounting Bracket **15656, 15657, 15658** Stems			
Dimensions	8.02" 8.89" 3.58" 4.26" NEMA 7x5 Beam 88º vertical beam 131º horizontal beam spread			
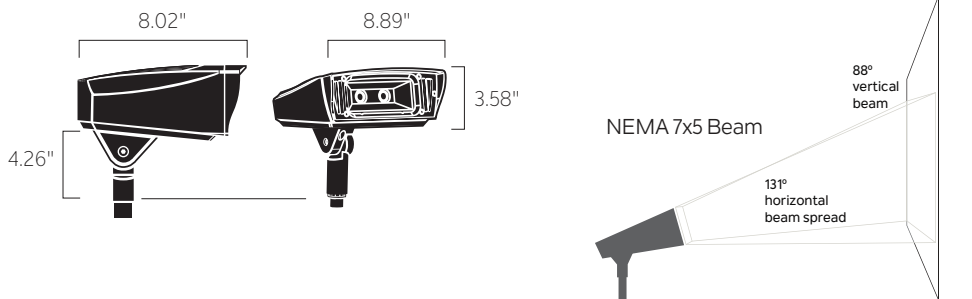
C-Series Flood

	Large Flood – 85W		
Finishes	**AZT** (shown), BKT		Additional Finishes
Color Temperature	3000K - Pure White	4000K - Cool White	
Item Number by Mounting Type and Finish	**Knuckle Mount:** **16225** AZT30 **16225** BKT30 **Trunnion Mount:** **16225** AZT30TR **16225** BKT30TR **Slip-Fit Mount:** **16225** AZT30SL **16225** BKT30SL	**Knuckle Mount:** **16225** AZT40 **16225** BKT40 **Trunnion Mount:** **16225** AZT40TR **16225** BKT40TR **Slip-Fit Mount:** **16225** AZT40SL **16225** BKT40SL	BKT
Housing	Cast Aluminum		
Wattage/pf, Delivered Lumens & Efficacy	85W, .9pf 7529 lm, 89 lm/W	85W, .9pf 8613 lm, 102 lm/W	
CRI	80+		
Voltage Range	120V-277V, 50-60Hz. Surge protection up to 4kV		
Light Source	2 integrated high-output LEDs with 3-step binning for color consistency. Custom reflector optics. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Notes	Replaces the equivalent of a 200W Metal Halide. Comes with 3 gel-filled wire nuts. IP66 rated. Vandal proof hardware installed. Photometrics on page 218.		
Accessories	**15276** Power Post® **15601** Surface Mounting Flange **15609** Junction Box Mounting Bracket **15645, 15656, 15657, 15658** Stems		
Dimensions	9.56" 11.06" 4.6" 4.47"	NEMA 7x6 Beam 110° vertical beam 131° horizontal beam spread	

DLC: +10% lm / +3% lm/W
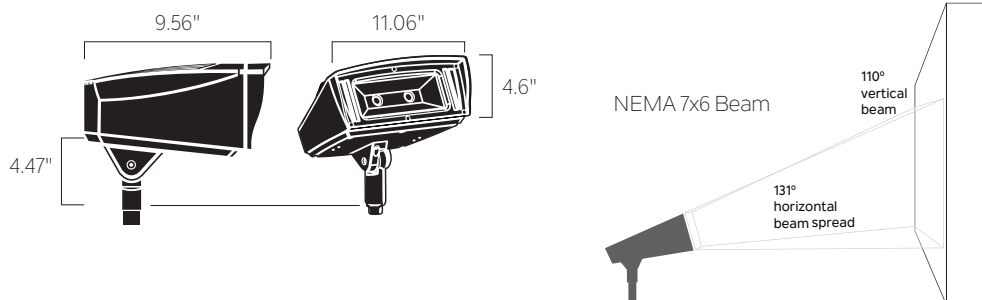
C-Series Delivers

The C-Series Floods offer a post with photoeye option and .5" Knuckle, Slip-Fit or Trunnion mounting capabilities.

Accessories:

15276 Power Post®
15601 Surface Mounting Flange
15609 Junction Box Mounting Bracket
15645, 15656, 15657, 15658 Stems

Knuckle Mount
.5" NPSM trade
size fittings

Slip-Fit Mount (SL)
2" trade size
for post mount

Trunnion Mount (TR)
Surface mount for variety
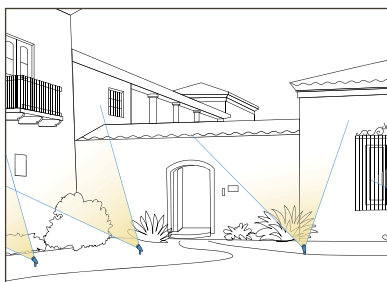of different mounting
options.
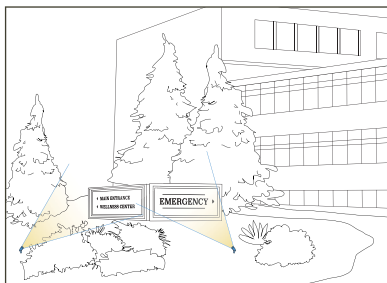

C-Series
ACCENT LIGHTS
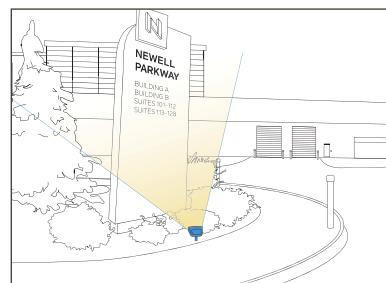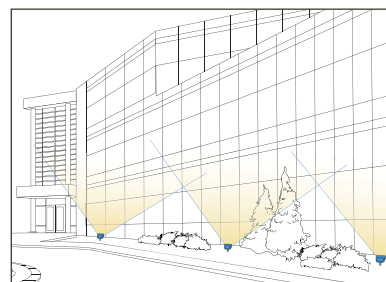are ideal for:
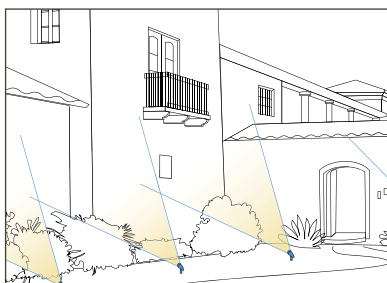
Between Windows

Entry-Way Architecture

Signage

C-Series
FLOOD LIGHTS
are ideal for:

Large Signage
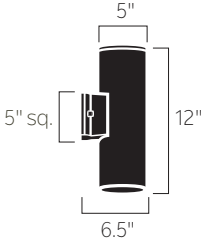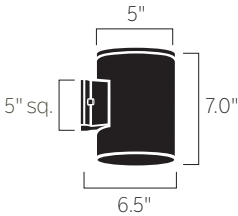
Wall Wash

Large Fountain

Outdoor Wall Lights

	Outdoor Up & Down Lantern		Outdoor Lantern	
Finishes	**BKT** (shown), AZT	Additional Finishes	**AZT** (shown), BKT	Additional Finishes
Color Temperature	3000K - Pure White		3000K - Pure White	
Item Number and Finish	**11251** AZT30 **11251** BKT30		**11250** AZT30 **11250** BKT30	
Housing	Cast Aluminum with powder coat finish and polycarbonate top shield		Cast Aluminum with powder coat finish	
Power Usage at 120V AC Input VA and Watts	15W		11W	
CRI	90+	**AZT**	90+	**BKT**
Voltage Range	120V-277V AC, 50-60 Hz		120V-277V AC, 50-60 Hz	
Light Source	Integrated high-output LEDs and drivers. Tested to a Lumen Maintenance L70 of 40,000 hrs.		Integrated high-output LEDs and drivers. Tested to a Lumen Maintenance L70 of 40,000 hrs.	
Delivered Lumens & Efficacy	550 lm	37 lm/W	350 lm	32 lm/W
Wiring	8" of usable 105°C, 18 AWG wire leads		8" of usable 105°C, 18 AWG wire leads	
Notes	Ⓦ Energy-efficient		Ⓦ ☾ Perfect for Dark Sky applications and energy-efficient.	

Dimensions

5"
5" sq.
12"
6.5"

5"
5" sq.
7.0"
6.5"

Photometrics

Distance from Light (ft.)	4.2'	8.4'	12.5'	16.7'	20.9'	4'	8.3'	12.4'	16.5'	20.6'
Foot-candles	52.1	13	5.8	3.3	2.1	50.9	12.7	5.7	3.2	2

Outdoor Wall

			Additional Finishes
Finishes	**BKT** (shown), AZT		
Color Temperature	3000K - Pure White		
Item Number and Finish	**11077** AZT **11077** BKT		
Housing	Cast Aluminum with powder coat finish		
Power Usage at 120V AC Input VA and Watts	15W		
CRI	80+		**AZT**
Voltage Range	120V-277V AC, 50-60 Hz		
Light Source	Integrated high-output LEDs and drivers. Tested to a Lumen Maintenance L70 of 40,000 hrs.		
Delivered Lumens & Efficacy	400 lm	27 lm/W	
Wiring	8" of usable 105°C, 18 AWG wire leads		
Notes	Ⓦ ☾ Perfect for Dark Sky applications		

Dimensions

6.1"

5.5"

5"
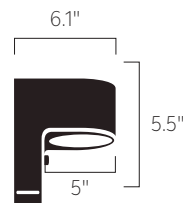
Photometrics

Distance from Light (ft.)	2.7'	5.5'	8.2'	11'	13.7'
Foot-candles	82.5	20.6	9.2	5.2	3.3

120V Retrofit Accent
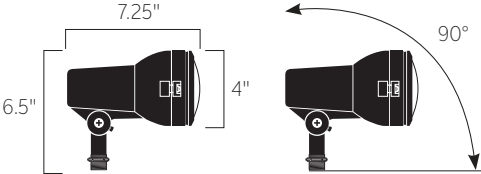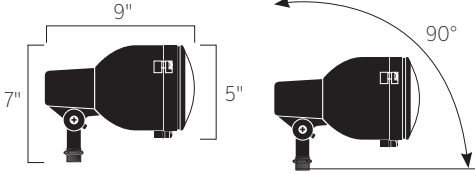
Retrofit with LED Lamps

Choose from retrofit options for a variety of applications. Each delivers the powerful quality of light needed for high-traffic walkways, commercial buildings and retail complexes.
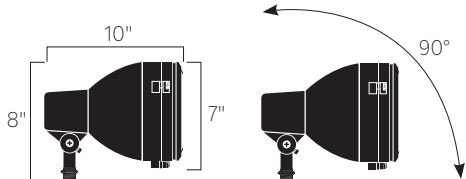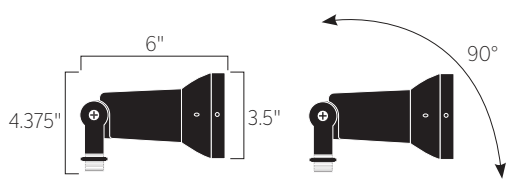
Retrofit Accent

	Small Accent		Medium Accent	
Finishes	**AZT** (shown), BKT	Additional Finishes	**BKT** (shown), AZT	Additional Finishes
Item Number and Finish	**15231** AZT **15231** BKT		**15241** AZT **15241** BKT	
Housing	Cast Aluminum with tempered convex glass lens.	**BKT**	Cast Aluminum with tempered convex glass lens.	**AZT**
Lamp Base	4000V (4kV) pulse-rated, medium base porcelain socket			
Lamp Options-Power usage at 120V AC input	**Incandescent:** 35W Max. PAR20 Metal Halide or 50W Max. PAR20/R20 Incandescent	**LED:** 7W PAR20 Wet (18081-18086) Compares up to 35W Halogen	**Incandescent:** 35W Max. PAR30L Metal Halide or 75W Max. PAR30L/R30 Incandescent	**LED:** 12W PAR30L Wet (18111-18116) Compares up to 50W Halogen
Wiring	8" of usable 200°C, 18 AWG wire leads			
Notes	Accents require remote ballasts for High Intensity Discharge. For 120V lamp guide and lamp photometrics, see page 212.			
Accessories	**Mounting:** **15276 BK** Power Post® **15601** Surface Mounting Bracket **15609** Junction Box Mounting Bracket		**Lenses:** **15640** Medium Cowl **15648** Long Cowl **15624** Blue Filter **15638** Hexcell Louver	
Dimensions	7.25" 6.5" 4" 90°		9" 7" 5" 90°	

See page 216 for compatible incandescent lamps and page 215 for LED lamps. Each product lists compatible item number(s) for reference.

	Large Accent		Small Compact
Finishes	**AZT** (shown), BKT	Additional Finishes	**AZT**
Item Number and Finish	**15251** AZT **15251** BKT		**15230** AZT
Housing	Cast Aluminum with tempered convex glass lens.	**BKT**	Cast Aluminum
Lamp Base	4000V (4kV) pulse-rated, medium base porcelain socket		
Lamp Options-Power usage at 12V AC input	**Incandescent:** 175W Max. PAR38 Metal Halide, 100W Max. E17 Metal Halide or 150W Max. PAR38/R40 Incandescent. Reflector: for use with E17 lamp. Removable for PAR38/R40 use.	**LED:** 17W PAR38 Wet (18093-18098) Compares up to 75W Halogen	**Incandescent:** 35W Max. PAR20 Metal Halide or 50W Max. PAR20 Incandescent
Wiring	8" of usable 200°C, 18 AWG wire leads		
Notes	Accents require remote ballasts for High Intensity Discharge. For 120V lamp guide and lamp photometrics, see page 212.		
Accessories	**Mounting:** **15276 BK** Power Post® **15601** Surface Mounting Bracket **15609** Junction Box Mounting Bracket		
	Lenses: **15620** Medium Cowl **15628** Long Cowl	**15623** Blue Filter **15637** Hexcell Louver	**Lenses:** **15630** Cowl with tempered glass lens
Dimensions	10" 8" 7" 90°		6" 4.375" 3.5" 90°

Retrofit Accent

	Large Compact		Downlight	
Finishes	**AZT**		**AZT**	
Item Number and Finish	**15250** AZT		**15255** AZT	
Housing	Cast Aluminum		Cast Aluminum	
Lamp Base	4000V (4kV) pulse- rated, medium base porcelain socket			
Lamp Options-Power usage at 120V AC input	**Incandescent:** 100W Max. PAR38 Metal Halide or 100W Max. PAR38 Incandescent	**LED:** 12W PAR30L Wet (18111–18116) Compares up to 50W Halogen	**Incandescent:** 175W Max. PAR38 Metal Halide, 100W Max. E17 Metal Halide or 150W Max. PAR38/R40 Incandescent Reflector: for use with E17 lamp. Removable for PAR38/R40 use.	**LED:** 17W PAR38 Wet (18093–18098) Compares up to 75W Halogen
Wiring	8" of usable 200°C 18 AWG wire leads			
Notes	Accents require remote ballasts for High Intensity Discharge. For 120V lamp guide and lamp photometrics, see page 212.		Available as surface or tree mounted. Accents require remote ballasts for High Intensity Discharge. For 120V lamp guide and lamp photometrics, see page 212.	
Accessories	**Mounting:** **15276 BK** Power Post® **15601** Surface Mounting Bracket **15609** Junction Box Mounting Bracket **Lens/Shield:** **15620** Medium Cowl **15628** Long Cowl **15623** Blue Filter **15637** Hexcell Louver		**Mounting:** **15601** Surface Mounting Bracket **15609** Junction Box Mounting Bracket **Shield:** **15660** Medium Cowl **15668** Long Cowl	
Dimensions	7" 5" 5" 90°		8" 9" 6.6" 90°	

See page 216 for compatible incandescent lamps and page 215 for LED lamps. Each product lists compatible item number(s) for reference.

Retrofit In-Ground

120V LED & Incandescent Fixtures

	In-Ground PAR38	Small In-Ground PAR20/PAR30
Finishes	**AZ**	**AZ**
Item Number and Finish	**15295** AZ	**15268** AZ
Housing	Durable thermoplastic composite resin. Tempered convex glass lens fully sealed against water.	Durable thermoplastic composite resin. Tempered convex glass lens fully sealed against water.
Lamp Base	4000V (4kV) pulse-rated, medium base porcelain socket	
Lamp Options-Power usage at 120V AC input	**Incandescent:** 150W Max. PAR38 Incandescent **LED:** 7W PAR20 Wet (18081–18086) Compares up to 35W Halogen 12W PAR30 Wet (18087–18092) Compares up to 50W Halogen 12W PAR30L Wet (18111–18116) Compares up to 50W Halogen	**Incandescent:** 75W Max. PAR20 or PAR30 Longneck Incandescent **LED:** 7W PAR20 Wet (18081–18086) Compares up to 35W Halogen 12W PAR30 Wet (18087–18092) Compares up to 50W Halogen 12W PAR30L Wet (18111–18116) Compares up to 50W Halogen
Adjustable Lamp Assembly	15° vertical tilt, 358° rotation with wing-nut locking mechanism	25° vertical tilt, 358° rotation
Notes	Drive over capacity 3,000 lbs. Use with blue lens **15626 BL** to intensify green color.	U.S. Patent No. 5,230,559. Korea Patent No. 126459. For use with PAR20 and PAR30 lamps.
Accessories	**Mounting:** **15608** Concrete Pour Kit (Drive-over) **15616 WH10** Gel Encapsulant 10-pack **Lens/Shield:** **15626 BL** Blue Lens with gasket **15688** Rock Guard	**Shield:** **15694 AZ** Rock Guard
Dimensions		

In-Ground 70W MH Quad-Tap

Finishes	**AZ**
Item Number and Finish	**15266** AZ
Housing	Durable thermoplastic composite resin. Tempered convex glass lens fully sealed against water.
Lamp Base	Internal ANSI M98 Metal Halide ballast with 120V, 208V, 240V & 277V taps

Lamp Options-Power usage at 120V AC input	**Incandescent:** 70W Max. PAR30 Metal Halide or 70W Max. E17 Metal Halide	**LED:** 7W PAR20 Wet (18081-18086) Compares up to 35W Halogen 12W PAR30 Wet (18087-18092) Compares up to 50W Halogen 12W PAR30L Wet (18111-18116) Compares up to 50W Halogen

Adjustable Lamp Assembly	15° vertical tilt, 358° rotation with wing-nut locking mechanism
Notes	Drive-over capacity 3,000 lbs. Use with blue lens **15626 BL** to intensify green color.
Accessories	**Mounting:** **15608** Concrete Pour Kit (Drive-over) **15616 WH10** Gel Encapsulant 10-pack **Lens/Shield:** **15626 BL** Blue Lens with gasket **15688** Rock Guard
Dimensions	10" 13.5" 15° 15°

120V Retrofit
Path & Spread

Retrofit with LED Lamps

Add decorative style to commercial and retail walkways or garden beds with Kichler's durable and on-trend options.

Retrofit Path & Spread

	Three Tier			Large One Tier		
Finishes	**BKT** (shown), AZT		Additional Finishes	**AZT** (shown), BKT		Additional Finishes
Item Number and Finish	**15205** AZT **15205** BKT			**15211** AZT **15211** BKT		
Housing	Cast Aluminum with molded ribbed diffuser of clear UV stabilized high-impact resistant polycarbonate. **Mounting stems and bollard kits not included.**		AZT	Cast Aluminum with molded ribbed diffuser of clear UV stabilized high-impact resistant polycarbonate. **Mounting stems and bollard kits not included.**		BKT
Lamp Base	120V medium base porcelain socket with nickel plated screw shell			4000V (4KV) pulse rated medium base porcelain socket		
Lamp Options-Power usage at 120V AC input	Incandescent: 75W Max. A19 lamp	LED: A19 Damp Location	Coordinating Product	Incandescent: Internal ANSI M98 Metal Halide ballast with 120V tap	LED: A19 Damp Location	Coordinating Product
Wiring	30" of usable 105°C, #18 AWG wire leads			30" of usable 105°C, #18 AWG wire leads		
Notes	Available as stem mount, deck mount or as a bollard. Mounting stems and bollard kits sold separately.		12V Deck Lights **15065 & 15765**, see pgs. 156, 65	Available as stem mount, deck mount or as a bollard. Mounting stems and bollard kits sold separately.		12V Deck Lights **15065 & 15765**, see pgs. 156, 65
Accessories	**15645, 15656, 15657** or **15658** Stems **15276 BK** Power Post® **15665, 15666** or **15667** Bollard Mounting Kits **15578** Bollard Mounting Stakes			**15671** Bollard Template Kit **15601** Surface Mounting Flange (needed for attachment to junction box) **15602 AL** Flange Mounting Nipple **15616WH10** Gel Encapsulant 10 pack		
Dimensions	6" 9.25" Stem/Mount Options Base/deck mount Mounting stems Bollard Kits			11.5" 9.25" Stem/Mount Options Base/deck mount Mounting stems Bollard Kits		

	Eclipse™		Cross Creek™ Lantern
Finishes	**BKT** (shown), TZT	Additional Finishes	**AGZ**
Item Number and Finish	**15236** BKT **15236** TZT		**15232** AGZ
Housing	Cast Aluminum with clear glass	**TZT**	Aluminum with textured amber seedy linen glass side panels and clear glass bottom panel
Lamp Base	120V medium base porcelain socket with nickel plated screw shell		120V medium base porcelain socket
Lamp Options-Power usage at 120V AC input	Incandescent: 100W Max. A19 lamp	LED: A19 Damp Location	Incandescent: 25W Max. A19 lamp	LED: A19 Damp Location
Wiring	6" of usable 105°C, #18 AWG wire leads		6" of usable 105°C, #18 AWG wire leads
Notes			U.S. Patent No. D580,084
Accessories	**15276 BK** Power Post® **15601** Surface Mounting Flange (needed for attachment to junction box)		
Dimensions	9" 25"		7" 7.75" 27"

Retrofit Path & Spread

Traditional Marine Lantern
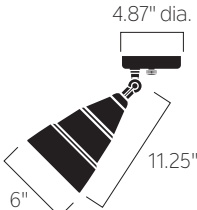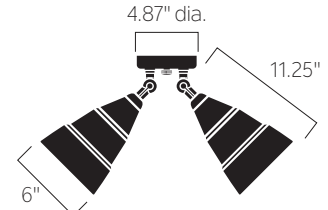
	OZ
Finishes	
Item Number and Finish	**15239** OZ
Housing	Brass
Lamp Base	120V medium base porcelain socket with nickel plated screw shell

Lamp Options-Power usage at 120V AC input	**Incandescent:** 25W Max. A19 lamp	**LED:** A19 Damp Location

Wiring	6" of usable 105°C, 18 AWG wire leads
Accessories	**15276 BK** Power Post® **15601** Surface Mounting Flange (needed for attachment to junction box)
Dimensions	10.75" 26.25" 8"

See page 216 for compatible incandescent lamps and page 215 for LED lamps. Each product lists compatible item number(s) for reference.
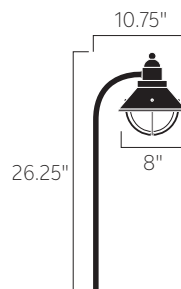
Outdoor

	Outdoor Wall		Outdoor Wall 2-Light	
Finishes	**AZ** (shown), WH	Additional Finishes	**WH** (shown), AZ	Additional Finishes
Item Number and Finish	**6051** AZ **6051** WH		**6052** AZ **6052** WH	
Housing	Aluminum		Aluminum	**WH**
Lamp Base	120V medium base lamp	**WH**	120V medium base lamp	
Lamp Options-Power usage at 120V AC input	LED only: 12W PAR30 Wet (18087–18092) Compares up to 50W Halogen 12W PAR30L Wet (18111–18116) Compares up to 50W Halogen 17W PAR38 Wet (18093–18098) Compares up to 75W Halogen		LED only: 12W PAR30 Wet (18087–18092) Compares up to 50W Halogen 12W PAR30L Wet (18111–18116) Compares up to 50W Halogen 17W PAR38 Wet (18093–18098) Compares up to 75W Halogen	**AZ**
Wiring	8" of usable 105°C, 18 AWG wire leads		8" of usable 105°C, 18 AWG wire leads	
Notes	**W** Uses (1) 120W Max. BR40 or 150W Max. PAR38. For lamp photometrics, see page 212.		**W** Uses (2) 120W Max. BR40 or 150W Max. PAR38. For lamp photometrics, see page 212.	
Dimensions	4.87" dia. 11.25" 6"		4.87" dia. 11.25" 6"	

120V–277V Lamps

LED & Incandescent, plus Photometrics

Potted/coated electronics protect against moisture while the cast aluminum construction assures proper thermal management. Operating range from 120V to 277V with 30,000 hour life (in an enclosed fixture) for years of performance.

120V-277V LED LAMPS
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 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 and glare reduction
- Interior use as well
- 6-year warranty
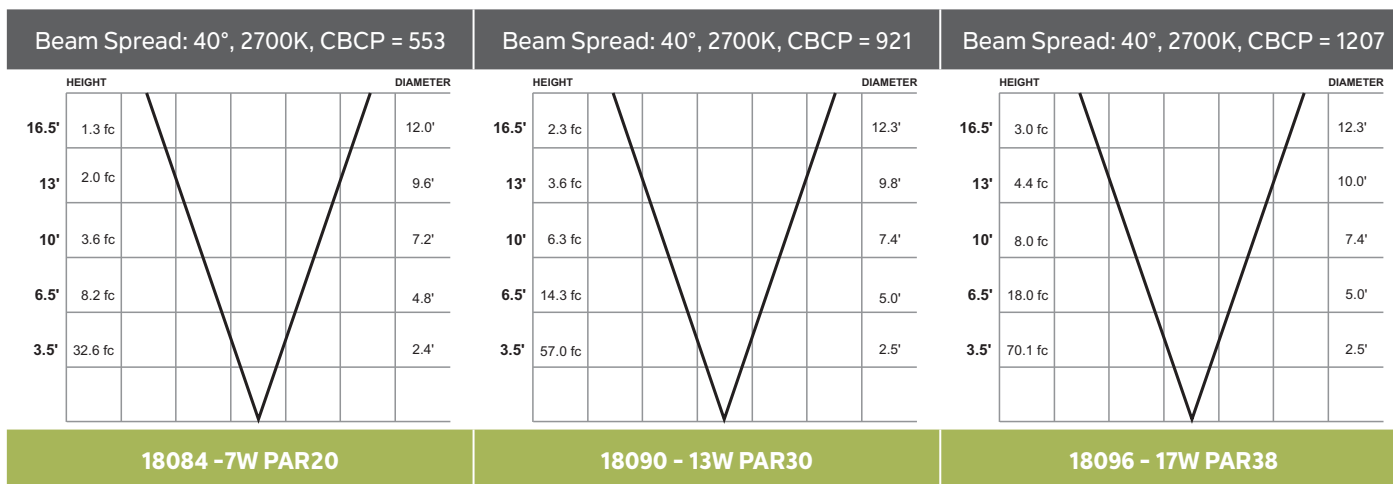
PAR20
Wet Location

PAR30
Wet Location

PAR30
Longneck
Wet Location

PAR38
Wet Location

Photometrics: 120V–277V LED Lamps

Beam Spread: 40°, 2700K, CBCP = 553		
HEIGHT		**DIAMETER**
16.5'	1.3 fc	12.0'
13'	2.0 fc	9.6'
10'	3.6 fc	7.2'
6.5'	8.2 fc	4.8'
3.5'	32.6 fc	2.4'
18084 -7W PAR20		

Beam Spread: 40°, 2700K, CBCP = 921		
HEIGHT		**DIAMETER**
16.5'	2.3 fc	12.3'
13'	3.6 fc	9.8'
10'	6.3 fc	7.4'
6.5'	14.3 fc	5.0'
3.5'	57.0 fc	2.5'
18090 – 13W PAR30		

Beam Spread: 40°, 2700K, CBCP = 1207		
HEIGHT		**DIAMETER**
16.5'	3.0 fc	12.3'
13'	4.4 fc	10.0'
10'	8.0 fc	7.4'
6.5'	18.0 fc	5.0'
3.5'	70.1 fc	2.5'
18096 – 17W PAR38		

* 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 **Kichler.com/Landscape**
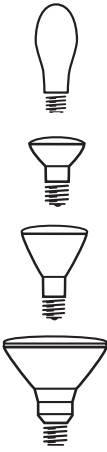
120V-277V LED Lamps

LAMP	BASE / LAMP TYPE	WATTS	KELVIN / LUMENS	BEAM ANGLE/ITEM #	
				25˚ Spot	40˚ Flood
2.56" 3.48" 2.54"	**PAR20** Wet Location W	7W Compares up to 35W Halogen	2700K – Warm White 310 lm	18081	18084
			3000K – Pure White 330 lm	18082	18085
			4200K – Cool White 350 lm	18083	18086
				25˚ Spot	40˚ Flood
3.74" 3.48" 2.64"	**PAR30** Wet Location W	12W Compares up to 50W Halogen	2700K – Warm White 580Lm	18087	18090
			3000K – Pure White 610Lm	18088	18091
			4200K – Cool White 640Lm	18089	18092
				25˚ Spot	40˚ Flood
3.74" 4.6" 3.61"	**PAR30** Longneck Wet Location W	12W Compares up to 50W Halogen	2700K – Warm White 580Lm	18111	18114
			3000K – Pure White 610Lm	18112	18115
			4200K – Cool White 640Lm	18113	18116
				25˚ Spot	40˚ Flood
4.72" 5.16" 4.23"	**PAR38** Wet Location W	17W Compares up to 75W Halogen	2700K – Warm White 800Lm	18093	18096
			3000K – Pure White 850Lm	18094	18097
			4200K – Cool White 900Lm	18095	18098

W Wet location versions designed and listed for use in an enclosed or open fixture.
Using lamp in enclosed fixtures can result in up to 30-40% loss in lumen output based on test data.

120V Incandescent Lamps (reference only)

INCANDESCENT	LAMP TYPE	WATTS	BEAM SPREAD	BASE	LUMENS	AVERAGE LIFE (HRS.)
	30R20-SP	30W	Spot	Medium	300	2,000
	30R20-FL	30W	Flood	Medium	300	2,000
	50R20-SP	50W	Spot	Medium	550	2,000
	50R20-FL	50W	Flood	Medium	550	2,000
	75R30-SP	75W	Spot	Medium	770	2,000
	75R30-FL	75W	Flood	Medium	770	2,000
	65R40-SP	65W	Spot	Medium	500	2,000
	65R40-FL	65W	Flood	Medium	500	2,000
	85R40-SP	85W	Spot	Medium	700	2,000
	85R40-FL	85W	Flood	Medium	700	2,000
	120R40-SP	120W	Spot	Medium	1,000	2,000
	120R40-FL	120W	Flood	Medium	1,000	2,000

HALOGEN	LAMP TYPE	WATTS	BEAM SPREAD	BASE	LUMENS	AVERAGE LIFE (HRS)
	30PAR20-SP	35W	9°	Medium	350	2,000
	30PAR20-FL	35W	30°	Medium	350	2,000
	50PAR20-SP	50W	9°	Medium	550	2,000
	50PAR20-FL	50W	30°	Medium	550	2,000
	50PAR30L-SP	50W	10°	Medium	630	2,000
	50PAR30L-FL	50W	30°	Medium	630	2,000
	75PAR30L-SP	75W	10°	Medium	965	2,000
	75PAR30L-FL	75W	30°	Medium	965	2,000
	90PAR38-SP	90W	12°	Medium	1,280	2,500
	90PAR38-FL	90W	28°	Medium	1,280	2,500
	150PAR38-SP	150W	12°	Medium	2,200	2,500
	150PAR38-FL	150W	28°	Medium	2,200	2,500

METAL HALIDE	LAMP TYPE	WATTS	BEAM SPREAD	BASE	LUMENS	AVERAGE LIFE (HRS)
	70-ED17	70W	–	Medium	4,000	10,000
	100-ED17	100W	–	Medium	5,580	10,000
	35PAR20-SP	35W	10°	Medium	2,000	9,000
	35PAR20-FL	35W	30°	Medium	2,000	9,000
	35PAR30L-SP	35W	10°	Medium	2,200	9,000
	35PAR30L-FL	35W	30°	Medium	2,200	9,000
	70PAR30L-SP	70W	10°	Medium	4,850	9,000
	70PAR30L-FL	70W	40°	Medium	4,850	9,000
	70PAR38-SP	70W	15°	Medium	4,800	10,000
	70PAR38-FL	70W	25°	Medium	4,800	10,000
	100PAR38-SP	100W	15°	Medium	6,800	12,500
	100PAR38-FL	100W	25°	Medium	6,800	12,500
	175PAR38-FL	175W	65°	Medium	10,000	7,500

Code: VNSP – Very narrow spot, NSP – Narrow spot, SP – Spot, NFL – Narrow flood, FL – Flood, WFL – Wide flood
VWFL – Very wide flood, MEDIUM – Medium screwshell
Note: Lumens and lamp life may vary by manufacturer. Stated lumens are of bare lamp.

Photometrics: 120V-277V Lamps

Beam Spread: 9°	Beam Spread: 30°	Beam Spread: 9°

16′ — 11.7	16′ — 4.9	16′ — 19.5
14′ — 15.3	14′ — 6.4	14′ — 25.5
12′ — 20.8	12′ — 8.7	12′ — 34.7
10′ — 30.0	10′ — 12.5	10′ — 50.0
8′ — 48.9	8′ — 19.5	8′ — 78.1
6′ — 83.3	6′ — 34.7	6′ — 138.9
4′ — 189.5	4′ — 78.1	4′ — 312.5
2′ — 750.0	2′ — 312.5	2′ — 1250.
FC	FC	FC

35W PAR20-SP	**50W PAR20-FL**	**50W PAR20-SP**

Beam Spread: 30°	Beam Spread: 10°	Beam Spread: 30°

16′ — 4.9	16′ — 31.3	16′ — 5.1
14′ — 6.4	14′ — 40.8	14′ — 6.6
12′ — 8.7	12′ — 55.6	12′ — 9.0
10′ — 12.5	10′ — 80.0	10′ — 13.0
8′ — 19.5	8′ — 125.0	8′ — 20.3
6′ — 34.7	6′ — 222.0	6′ — 36.1
4′ — 78.1	4′ — 500.0	4′ — 81.3
2′ — 312.5	2′ — 2000.	2′ — 325.0
FC	FC	FC

50W PAR20-FL	**50W PAR30-SP**	**50W PAR30-FL**

Beam Spread: 10°	Beam Spread: 30°	Beam Spread: 12°

16′ — 54.7	16′ — 7.8	16′ — 46.8
14′ — 71.4	14′ — 10.2	14′ — 61.2
12′ — 97.2	12′ — 13.9	12′ — 83.3
10′ — 140.0	10′ — 20.0	10′ — 120.0
8′ — 218.8	8′ — 31.3	8′ — 187.5
6′ — 388.9	6′ — 55.6	6′ — 333.0
4′ — 875.0	4′ — 125.0	4′ — 750.0
2′ — 3500.	2′ — 500.0	2′ — 3000.
FC	FC	FC

75W PAR30-SP	**75W PAR30-FL**	**90W PAR38-SP**

Beam Spread: 28°	Beam Spread: 12°	Beam Spread: 28°

16′ — 14.7	16′ — 90.0	16′ — 25.4
14′ — 19.1	14′ — 117.4	14′ — 33.2
12′ — 26.0	12′ — 159.7	12′ — 45.1
10′ — 37.5	10′ — 230.0	10′ — 65.0
8′ — 58.6	8′ — 359.0	8′ — 101.6
6′ — 104.1	6′ — 639.0	6′ — 181.0
4′ — 234.0	4′ — 1438.	4′ — 406.0
2′ — 938.0	2′ — 5750.	2′ — 1625.
FC	FC	FC

90W PAR38-FL	**150W PAR38-SP**	**150W PAR38-FL**

Note: Foot-candle (FC) values may differ amongst lamp manufacturers.

Photometrics: 120V-277V Integrated LED C-Series

120V-277V Integrated LED Accent - Small											
16209		**16210**		**16211**		**16212**		**16213**		**16214**	
15° Spot		40° Flood		55° Wide Flood		15° Spot		40° Flood		55° Wide Flood	
Ft. Away → Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width
3.3' / 172	1	79.4	2.1	41.1	3.4	321.3	1	137	2.1	76.4	3.3
6.6' / 43	1.9	19.9	4.3	10.3	6.8	80.3	1.9	34.3	4.3	19.1	6.5
9.8' / 19	2.9	8.8	6.4	4.6	10.2	35.7	2.9	15.2	6.4	8.5	9.8
13.1' / 10.8	3.8	5	8.5	2.6	13.6	20.1	3.8	8.6	8.6	4.8	13.1
16.4' / 6.9	4.8	3.2	10.6	1.6	17	12.9	4.8	5.5	10.7	3.1	16.3
19.7' / 4.8	5.8	2.2	12.8	1.1	20.3	8.9	5.7	3.8	12.9	2.1	19.6
23' / 3.5	6.8	1.6	14.9	.8	23.7	6.6	6.7	2.8	15	1.6	22.9
26.3' / 2.7	7.7	1.2	17	.6	27.1	5	7.6	2.1	17.2	1.2	26.1
29.5' / 2.1	8.7	1	19.1	.5	30.5	4	8.6	1.7	19.3	1	29.4
32.8' / 1.7	9.7	.8	21.3	.4	33.9	3.2	9.5	1.4	21.5	.8	32.7

120V-277V Integrated LED Accent - Large											
16215		**16216**		**16217**		**16218**		**16219**		**16220**	
15° Spot		33° Flood		55° Wide Flood		15° Spot		33° Flood		55° Wide Flood	
Ft. Away → Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width
3.3' / 967.7	.7	244	1.7	115.4	3.3	924.2	.9	324.2	2	165.9	3.2
6.6' / 241.9	1.3	61	3.4	28.9	6.5	231	1.7	81.1	4	41.5	6.4
9.8' / 107.5	2	27.1	5.2	12.8	9.7	102.7	2.6	36	6	18.4	9.7
13.1' / 60.5	2.7	15.2	6.9	7.2	13	57.8	3.5	20.3	8	10.4	12.9
16.4' / 38.7	3.4	9.8	8.6	4.6	16.3	37	4.3	13	10	6.6	16.1
19.7' / 26.9	4	6.8	10.3	3.2	19.5	25.7	5.2	9	12	4.6	19.3
23' / 19.8	4.7	5	12	2.4	22.8	18.9	6.1	6.6	14	3.4	22.5
26.3' / 15.1	5.4	3.8	13.7	1.8	26	14.4	6.9	5.1	16	2.6	25.7
29.5' / 12	6	3	15.5	1.4	29.3	11.4	7.8	4	18	2	29
32.8' / 9.7	6.7	2.4	17.2	1.2	32.5	9.2	8.7	3.2	20	1.7	32.2

120V-277V Integrated LED Flood										
16221 - Small		**16222 - Small**		**16223 - Medium**		**16224 - Medium**		**16225 - Large**	
NEMA 6x5		NEMA 6x5		NEMA 7x5		NEMA 7x5		NEMA 7x6	
Ft. Away → Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width
3.3' / 37.1	4.9	70.8	4.6	129.7	4	171.6	4.2	155	6.6
6.6' / 9.3	9.8	17.7	9.3	32.4	8.2	42.9	8.4	38.7	13.2
9.8' / 4.1	14.7	7.9	14	14.4	12.2	19.1	12.6	17.2	19.8
13.1' / 2.3	19.6	4.4	18.6	8.1	16.3	10.7	16.8	9.7	26.5
16.4' / 1.5	24.5	2.8	23.2	5.2	20.4	6.9	21	6.2	33
19.7' / 1	29.4	2	27.9	3.6	24.5	4.8	25.2	4.3	39.7
23' / .8	34.3	1.4	32.5	2.6	28.5	3.5	29.4	3.2	46.3
26.3' / .6	39.2	1.1	37.2	2	32.6	2.7	33.6	2.4	52.9
29.5' / .5	44.1	.9	41.8	1.6	36.7	2.1	37.8	1.9	59.5
32.8' / .4	49	.7	46.5	1.3	40.8	1.7	42	1.6	66.1

All Foot-candle values shown for 3000K color temperature.

# Photometrics: 120V Integrated LED Accent

	120V Integrated LED Accent											
Item Number	16200		16202		16204		16201		16203		16205	
Beam Angle	10° Spot		10° Spot		10° Spot		35° Flood		35° Flood		35° Flood	
Ft. Away	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'	238.9	1.4	313.3	1.6	394.5	1.6	112.6	2.3	153.2	2.5	205.8	2.4
12'	106.2	2.1	139.2	2.4	175.3	2.5	28.1	4.5	38.3	4.9	51.5	4.8
24'	26.5	4.1	34.8	4.9	43.8	4.9	7	9	9.6	9.9	13.2	9.6
36'	11.8	6.2	15.5	7.3	19.5	7.4	3.1	13.6	4.3	14.8	5.9	14.4
48'	6.6	8.3	8.7	9.7	11	9.8	1.8	18.1	2.4	19.8	3.3	19.2
60'	4.2	10.3	5.6	12.1	7	12.3	1.1	22.6	1.5	24.7	2.1	24

Item Number	16206		16207		16208	
Beam Angle	60° Wide Flood		60° Wide Flood		60° Wide Flood	
Ft. Away	Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width
8'	26	4.2	43.4	4.1	53.5	4.2
12'	6.5	8.4	10.8	8.1	13.4	8.3
24'	1.6	16.9	2.7	16.3	3.4	16.7
36'	.7	25.3	1.2	24.4	1.5	25
48'	.4	33.7	.7	32.6	.8	33.3
60'	.3	42.4	.4	40.7	.5	41.6

Foot-candle values shown for 4250K color temperature.

Photometrics: 120V Retrofit Accent

15251 – 75W Metal Halide
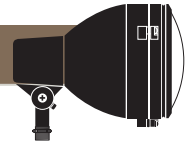
Clear ED17 Metal Halide based on 5000 lumens per lamp
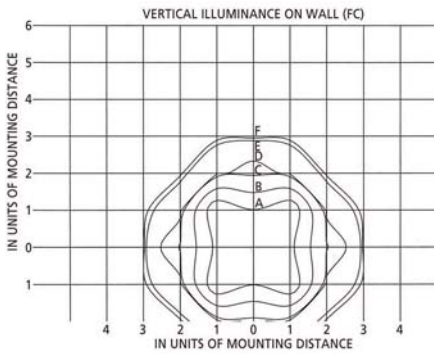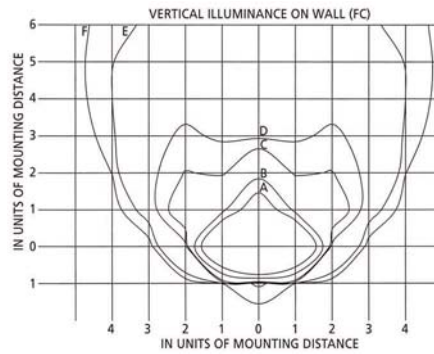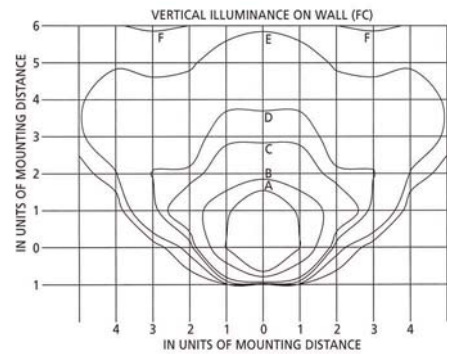
0° Angle	30° Angle	45° Angle

15251 – 100W Metal Halide
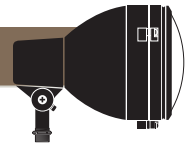
Clear ED17 Metal Halide based on 9000 lumens per lamp
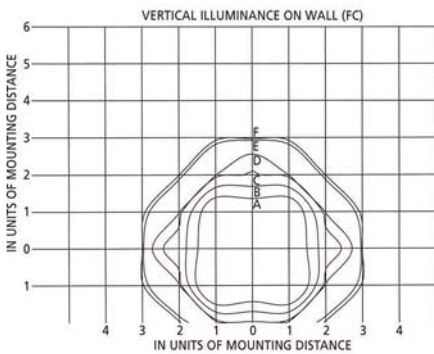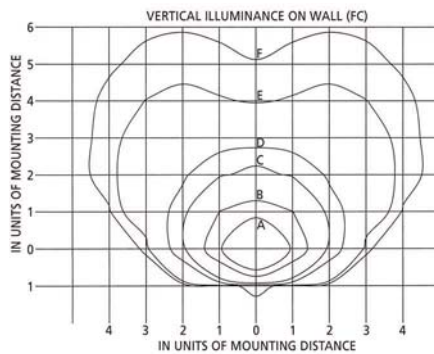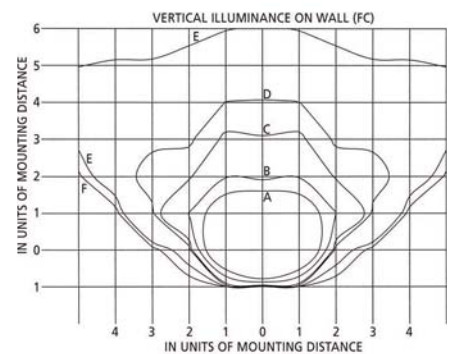
0° Angle	30° Angle	45° Angle

15251 – 175W Metal Halide
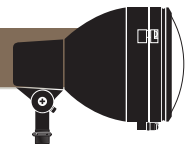
Clear ED17 Metal Halide based on 14,000 lumens per lamp
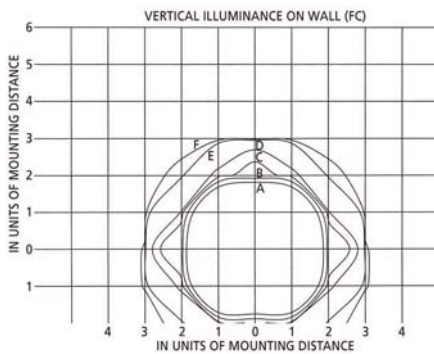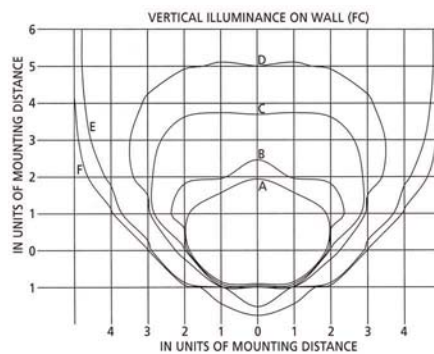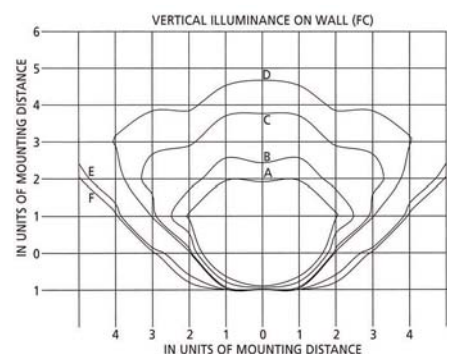
0° Angle	30° Angle	45° Angle

Photometrics: 12V Integrated LED Accent

12V Integrated LED Accent with VLO - Small

LOW LUMENS

Item Number	16015 (low)		Ft.	16016 (low)		Ft.	16017 (low)	
Beam Angle	15° Spot			35° Flood			60° Wide Flood	
Max Candela	2122			452			179	
Ft. Away	Foot-candles	Beam Width		Foot-candles	Beam Width		Foot-candles	Beam Width
8'	19.3	1.8	4'	16.5	2.5	4'	6.8	4.6
12'	8.6	2.7	8'	4.1	4.9	8'	1.7	9.2
24'	2.1	5.5	16'	1	9.8	16'	.4	18.5
36'	1	8.2	24'	.5	14.7	24'	.2	27.7
48'	.5	10.9	32'	.3	19.6	32'	.1	37
60'	.3	13.7	40'	.2	24.5	40'	.1	46.2

MID LUMENS

Item Number	16015 (mid)		Ft.	16016 (mid)		Ft.	16017 (mid)	
Beam Angle	15° Spot			35° Flood			60° Wide Flood	
Max Candela	3827			789			311	
Ft. Away	Foot-candles	Beam Width		Foot-candles	Beam Width		Foot-candles	Beam Width
8'	32.6	1.8	4'	30.9	2.5	4'	12.3	4.6
12'	14.5	2.7	8'	7.7	4.9	8'	3.1	9.2
24'	3.6	5.5	16'	1.9	9.8	16'	.8	18.5
36'	1.6	8.2	24'	.9	14.7	24'	.3	27.7
48'	.9	10.9	32'	.5	19.6	32'	.2	37
60'	.6	13.7	40'	.3	24.5	40'	.1	46.2

HIGH LUMENS

Item Number	16015 (high)		Ft.	16016 (high)		Ft.	16017 (high)	
Beam Angle	15° Spot			35° Flood			60° Wide Flood	
Max Candela	5382			1118			438	
Ft. Away	Foot-candles	Beam Width		Foot-candles	Beam Width		Foot-candles	Beam Width
8'	47.2	1.8	4'	44.5	2.5	4'	17.6	4.6
12'	21	2.7	8'	11.1	4.9	8'	4.4	9.2
24'	5.2	5.5	16'	2.8	9.8	16'	1.1	18.5
36'	2.3	8.2	24'	1.2	14.7	24'	.5	27.7
48'	1.3	10.9	32'	.7	19.6	32'	.3	37
60'	.8	13.7	40'	.5	24.5	40'	.2	46.2

12V LED Accent with VLO - Large

LOW LUMENS

Item Number	16018 (low)		Ft.	16019 (low)		Ft.	16020 (low)	
Beam Angle	15° Spot			35° Flood			60° Wide Flood	
Max Candela	3521			948			396	
Ft. Away	Foot-candles	Beam Width		Foot-candles	Beam Width		Foot-candles	Beam Width
8'	40.2	2.1	4'	37.3	2.5	4'	17.1	4.9
12'	17.9	3.2	8'	9.3	4.9	8'	4.3	9.8
24'	4.5	6.3	16'	2.3	9.8	16'	1.1	19.6
36'	2	9.5	24'	1	14.7	24'	.5	29.4
48'	1.1	12.6	32'	.6	19.6	32'	.3	39.2
60'	.7	15.8	40'	.4	24.5	40'	.2	49

MID LUMENS

Item Number	16018 (mid)		Ft.	16019 (mid)		Ft.	16020 (mid)	
Beam Angle	15° Spot			35° Flood			60° Wide Flood	
Max Candela	3827			789			311	
Ft. Away	Foot-candles	Beam Width		Foot-candles	Beam Width		Foot-candles	Beam Width
8'	74.7	2.1	4'	65.6	2.5	4'	29.1	4.9
12'	33.2	3.2	8'	16.4	4.9	8'	7.3	9.8
24'	8.3	6.3	16'	4.1	9.8	16'	1.8	19.6
36'	3.7	9.5	24'	1.8	14.7	24'	.8	29.4
48'	2.1	12.6	32'	1	19.6	32'	.5	39.2
60'	1.3	15.8	40'	.7	24.5	40'	.3	49

HIGH LUMENS

Item Number	16018 (high)		Ft.	16019 (high)		Ft.	16020 (high)	
Beam Angle	15° Spot			35° Flood			60° Wide Flood	
Max Candela	3827			789			311	
Ft. Away	Foot-candles	Beam Width		Foot-candles	Beam Width		Foot-candles	Beam Width
8'	100.8	2.1	4'	86	2.5	4'	40.8	4.9
12'	44.8	3.2	8'	21.5	4.9	8'	10.2	9.8
24'	11.2	6.3	16'	5.4	9.8	16'	2.6	19.6
36'	5	9.5	24'	2.4	14.7	24'	1.1	29.4
48'	2.8	12.6	32'	1.3	19.6	32'	.6	39.2
60'	1.8	15.8	40'	.9	24.5	40'	.4	49

All Foot-candle values shown for 3000K color temperature.

Photometrics: 12V Integrated LED Accent

12V Integrated LED Accent

Item Number	16150		16151			16152	
Beam Angle	10° Spot		35° Flood			60° Wide Flood	
Max Candela	3867		527			221	
Ft. Away	Foot-candles	Beam Width	Ft. / Foot-candles	Beam Width		Ft. / Foot-candles	Beam Width

Ft. Away	Foot-candles	Beam Width		Ft.	Foot-candles	Beam Width		Ft.	Foot-candles	Beam Width
8'	38.4	1.5		4'	21.7	2.5		4'	8.3	4.2
12'	17.1	2.2		8'	5.4	4.9		8'	2.1	8.3
24'	4.3	4.5		16'	1.4	9.8		16'	.5	16.7
36'	1.9	6.7		24'	.6	14.7		24'	.2	25
48'	1.1	8.9		32'	.3	19.6		32'	.1	33.3
60'	.7	11.1		40'	.2	24.5		40'	.1	41.7

Item Number	16153			16154			16155	
Beam Angle	10° Spot			35° Flood			60° Wide Flood	
Max Candela	5213			738			282	

Ft. Away	Foot-candles	Beam Width		Ft.	Foot-candles	Beam Width		Ft.	Foot-candles	Beam Width
8'	66.2	1.5		4'	30.5	2.5		4'	10.7	4.3
12'	29.4	2.3		8'	7.6	5		8'	2.7	8.7
24'	7.4	4.6		16'	1.9	9.9		16'	.8	17.4
36'	3.3	6.9		24'	.9	14.9		24'	.3	26.1
48'	1.8	9.2		32'	.5	19.8		32'	.2	34.8
60'	1.2	11.5		40'	.3	24.8		40'	.1	43.4

Item Number	16156			16157			16158	
Beam Angle	10° Spot			35° Flood			60° Wide Flood	
Max Candela	9236			1298			514.4	

Ft. Away	Foot-candles	Beam Width		Ft.	Foot-candles	Beam Width		Ft.	Foot-candles	Beam Width
8'	111	1.5		4'	54	2.4		4'	19.2	4.2
12'	49.3	2.2		8'	13.5	4.8		8'	4.8	8.4
24'	12.3	4.4		16'	3.4	9.7		16'	1.2	16.8
36'	5.5	6.6		24'	1.5	14.5		24'	.5	25.2
48'	3.1	8.7		32'	.8	19.3		32'	.3	33.6
60'	2	10.9		40'	.5	24.2		40'	.2	42

12V Integrated LED Water Accent

Item Number	15711LED	
Beam Angle	60° Wide Flood	
Ft. Away	Foot-candles	Beam Width
8'	5.6	3.3
12'	1.5	6.5
24'	.4	13
36'	.2	19.5
48'	.1	26
60'	.1	32.5

Photometrics: 12V Integrated LED In-Ground

12V Integrated LED Well

Item Number	15767		15728		15729		15768		15747		15757	
Beam Angle	10° Spot		10° Spot		10° Spot		35° Flood		35° Flood		35° Flood	
Ft. Away	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	35.8	1.9	66.9	1.8	98.1	2.1
12'	14.9	1.8	30.4	1.9	44.7	1.9	9	3.9	16.8	3.6	24.5	4.1
24'	3.7	3.6	7.6	3.8	11.2	3.8	2.2	7.8	4.2	7.3	6.1	8.2
36'	1.7	5.4	3.4	5.7	5	5.7	1	11.7	1.8	11	2.7	12.3
48'	.9	7.2	1.9	7.6	2.8	7.6	.6	15.6	1	14.6	1.5	16.4
60'	.6	9	1.2	9.5	1.8	9.5	.4	19.5	.7	18.3	1	20.5

All Foot-candle values shown for 3000K color temperature.

Photometrics: 12V Integrated LED In-Ground

12V Integrated LED Well					
Item Number	15769		15748		15758
Beam Angle	60° Wide Flood		60° Wide Flood		60° Wide Flood
Ft. Away	Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width
8'	18.5	2.4	36.9	2.4	47	2.4
12'	4.7	4.8	9.3	4.8	11.8	4.8
24'	1.2	9.6	2.3	9.6	2.9	9.6
36'	.5	14.4	1	14.4	1.3	14.4
48'	.3	19.2	.6	19.2	.7	19.2
60'	.2	24	.4	24	.5	24

12V Integrated LED In-Ground											
Item Number	16030		16033		16036		16031		16034		16037
Beam Angle	10° Spot		10° Spot		10° Spot		35° Flood		35° Flood		35° Flood
Ft. Away	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'	32.6	1.6	113.8	1.4	214.7	1.4	21.7	2.3	53	2.4	98.5	2.3
12'	14.5	2.3	50.6	2.1	95.4	2	5.4	4.5	13.3	4.7	24.6	4.5
24'	3.6	4.7	12.6	4.3	23.8	4.1	1.4	9	3.3	9.4	6.1	9.1
36'	1.6	7	5.6	6.4	10.6	6.1	.6	13.5	1.5	14.1	2.7	13.6
48'	.9	9.3	3.2	8.6	6	8.1	.3	18	.8	18.9	1.5	18.1
	.6	11.7	2	10.7	3.8	10.1	.2	22.5	.5	23.6	1	22.6

Item Number	16032		16035		16038	
Beam Angle	60° Wide Flood		60° Wide Flood		60° Wide Flood	
Ft. Away	Foot-candles	Beam Width	Foot-candles	Beam Width	Foot-candles	Beam Width
8'	11.2	4.3	14.7	4.5	25.1	4.4
12'	2.8	8.6	3.7	9.1	6.3	8.8
24'	.7	17.3	.9	18.1	1.6	17.7
36'	.3	25.9	.4	27.2	.7	26.5
48'	.2	34.6	.2	36.2	.4	35.3
60'	.1	43.2	.1	45.3	.3	44.2

Photometrics: 12V Retrofit Accent with LED/Incandescent

15395 AZT

15396 AZT

15385 AZT
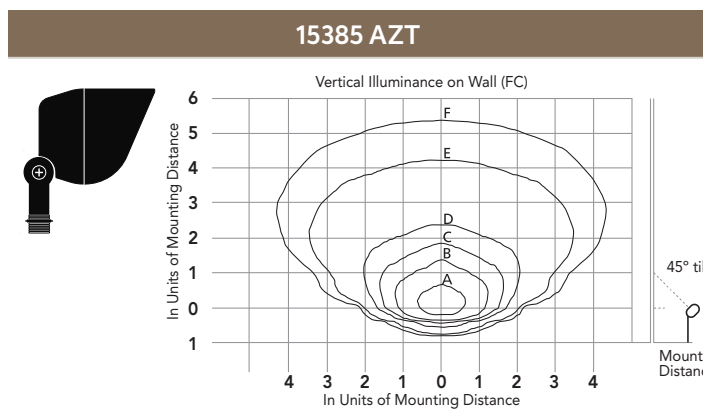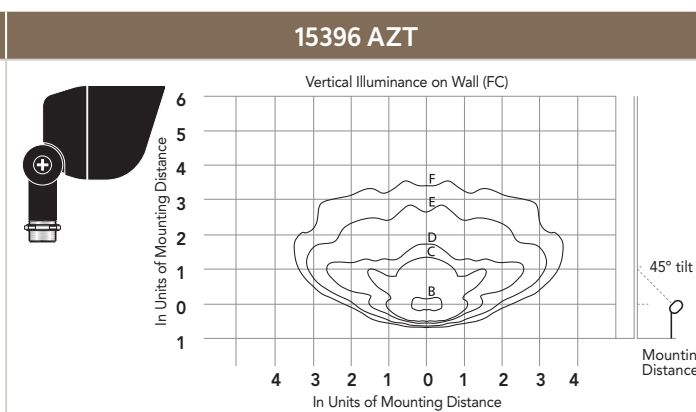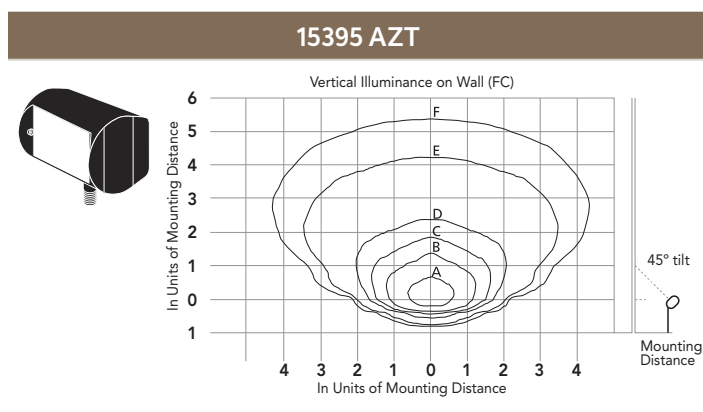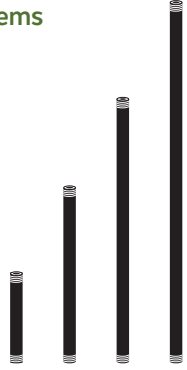
120V Accessories

LED & Incandescent

Durable in design and versatile in application—120V accessories are engineered to perform in any weather or high-use application.

Mounting Accessories	Item Number	Notes
Concrete Installation Kit 7" D 5.19" H	**15608** AZ For use with: 15262, 15263, 15266, 15295, 15IGT100, 15IGT300, 15IGT600	Injection molded concrete pour kit.
Fixture Mounting Stems .5-14 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: • In-ground support stakes (low voltage only) • Surface mounting flange (low or line voltage) .5-14 NPSM stems will require additional Coupler (15649) or Elbow (15647) for accent light use
Power Post® 4.375" 19" 2.25"	**15276** BK For use with fixtures: 15205 AZT, 15205 BKT, 15211 AZT, 15211 BKT, 15232 AGZ, 5236 BKT, 15236 TZ, 15239 OB, 15239 OZ *and all other .5" NPSM threaded fixtures*	Fast, one-step connection. 2.25" 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 .5 NPSM thread. UL and cUL listed.
Bollard Mounting Stake 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*
Bollard Template Kit	**15671** ST For use with all bollard mounting kits on 12V and 120V fixtures: 15005, 15205, 15211	For use with all bollard mounting kits. For permanent installation into concrete. Template kit includes positioning template, anchor bolts, and mounting hardware.
Surface Mounting Flange 4" D 1.5-14 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.
Flange Mounting Nipple .5-14 NPSM Thd.	**15602** AL	Anodized aluminum nipple. Used when attaching fixture directly to 15601 flange and 15607 bracket.
Junction Box Mounting Bracket 2.39" W 5.56" H	**15609** AZT **15609** BKT **15609** CBR **15609** WHT	For use with low voltage and line voltage fixtures Corrosion resistant Cast Aluminum alloy with baked thermoset powder coat finish.
Gel Encapsulant	**15616** WH10 10-pack	Re-enterable encapsulant gel for in-ground installations. Two-part field mixable material in one convenient package.

Lens/Shield Accessories	Item Number	Notes
Blue Lens	**15623** BL For use with: 15231	Well Light Blue Lens Filter **15626 BL** also available (for use with: 15262, 15263, 15266, 15295)
45° Hexcell Louver	**15638** BK For use with: 15241	Expanded aluminum shield with high temperature black finish.
Rock Guard 9.63" Dia. 1.29" H	**15688** AZ For use with: 15263, 15264, 15265, 15295	
LED Long Cowl 5.8"	**16060** BBR For use with 12.5W fixtures: 16200, 16201, 16206 **16062** BBR For use with 19.5W & 29W fixtures: 16202, 16203, 16204, 16205, 16207, 16208	Ideal solution for downlighting where increased glare control is needed. *For use with 120V Radiax LED accent lights only.*
LED 360° Short Cowl 16061: 2.5" H 16063: 3.25" H	**16061** BBR For use with 12.5W fixtures: 16200, 16201, 16206 **16063** BBR For use with 19.5W & 29W fixtures: 16202, 16203, 16204, 16205, 16207, 16208	Full shroud for expanded glare conrol. Great option for downlighting to recess light source back. *For use with 120V Radiax LED accent lights only.* 16061 - 3" Diameter 16063 - 4.5" Diameter
PAR20 Medium Cowl 3.32" L	**15620** AZT **15620** BKT For use with: 15231	Lens cowl sold with fixture. 360° rotation for precise light cutoff.
PAR20 Long Cowl 7.45" L	**15628** AZT **15628** BKT For use with: 15231	
PAR30 Medium Cowl 3.87" L	**15640** AZT **15640** BKT For use with: 15241	
PAR30 Long Cowl 8.99" L	**15648** AZT **15648** BKT For use with: 15241	
PAR38 Medium Cowl 4.92" L	**15660** AZT **15660** BKT For use with: 15251, 15255	
PAR38 Long Cowl 12" L	**15668** AZT For use with: 15251, 15255	
PAR20 Cowl 3.58" L	**15630** AZT For use with: 15230	Heat-resistant clear lens
PAR38 Cowl 3.58" L	**15650** AZT For use with: 15250	Heat-resistant clear lens

Outdoor Living

Bring decorator-inspired style to customers' outdoor entertaining spaces. Our comprehensive offering features premium materials designed to withstand rain, wind, UV exposure and more for years of worry-free performance. You'll find everything your project needs: post lights, wall lanterns, outdoor-rated ceiling fans and more.

Chandeliers & Pendants

120V Damp-Rated for Outdoor Covered Areas

With finishes that handle the elements, and styles that match a variety of homeowner tastes, Kichler chandeliers and pendants create an essential focal point over dining areas, inside a gazebo, over an entryway and more.

Outdoor Chandeliers

OZ, BA

Lyndon™

BA, OZ

Lyndon™

WZC

Wright

OZ

Westington™

WZC

Riverwood™

OZ

Caterham™

Outdoor Chandeliers & Pendants

WZC

Ashland Bay

BKT

Vandalia™

OZ

Larkin™

LD

Halleron™

OZCW, OZNW

Palisades

OZCW, OZNW

Palisades

Outdoor
Ceiling Fans

120V Damp-Rated & Wet-Rated

Designed and constructed to withstand the elements, Kichler ceiling fans are the perfect way to enhance a client's outdoor leisure and entertainment experiences — bringing light and airflow to gathering spaces. Our wide selection of styles assures you can offer homeowners the look they're after.

Wet-Rated & Climates Outdoor Fans

WET-RATED:

For open or direct exposure to sun, rain or water spray

• Ideal for pergolas, open porches and more
• Highly durable finishes tested against rain and snow
• Feature stainless steel mounting hardware
• Include all-weather ABS plastic blades

CLIMATES:

Built to withstand open exposure to the harshest elements

• Ideal for areas with extreme heat, saltwater spray, intense cold and consistent UV exposure
• Have superior corrosion and warp-resistant finishes: fan bodies and select blades crafted from all-weather ABS plastic or aluminum
• Feature a weather-hardy aluminum support system

54" Seaside™ LED

AIR PERFORMANCE		
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
5627	60	93

44" Sola LED (Available in Multiple Sizes)

AIR PERFORMANCE		
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
3911	68	57

60" Szeplo™ II LED (Available in Multiple Sizes)

AIR PERFORMANCE		
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
7154	32	225

52" Canfield™ Climates™ (Available in Multiple Sizes and Blade Sets)

AIR PERFORMANCE		
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
6231	73	86

52" Eads™ Patio (Available in Multiple Sizes)

AIR PERFORMANCE		
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
5904	78	76

60" Rana™ LED

AIR PERFORMANCE		
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
8536	70	121

Wet-Rated & Damp-Rated Outdoor Fans

DAMP-RATED: ●

Engineered for high-humidity areas

- Ideal for enclosed porches, sunrooms, bathrooms and more
- Water-resistant durable finishes
- Incorporate galvanized undercoating
- Include stainless steel mounting hardware
- Feature all-weather ABS plastic or sealed wood blades

Ceiling Fans Iconography:

● ● ●   **1** - DC Fan   **2** - LED Light Kit   **3** - Climates™ finish

● ● ■   **4** - Damp-Rated   **5** - Wet-Rated   **6** - ENERGY STAR®

18" Pola™ (Available in Multiple Sizes)

AIR PERFORMANCE		
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
–	–	–

56" Phree™ LED

AIR PERFORMANCE		
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
6467	87	75

65" Maor™ Patio LED

AIR PERFORMANCE		
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
8093	90	90

70" Monarch™ Patio

AIR PERFORMANCE		
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
8339	94	89

52" Monarch™ II Patio

AIR PERFORMANCE		
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
5532	82	68

52" Lyndon™ Patio (Available in Multiple Sizes)

AIR PERFORMANCE		
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
4946	65	77

Wall Lanterns & Posts

120V Wet-Rated for Outdoor Areas

Kichler decorative lantern lights and posts add curb appeal and architectural interest around doorways, garages and more. Many match Kichler interior collections for total home coordination — a major selling feature for homeowners. Each fixture is also outdoor-rated to perform in the harshest of elements.

Outdoor Wall Lanterns

BKT, OZ
River Path™ LED

BKT
Manhatten LED

BKT
Ashbern LED

BKT
Amber Valley LED

BKT
Wakefield LED

OZ
Beacon Square

BA, BKT
Northland™

WZC
Wayland

WZC
Andover

AVI
Mill Lane™

RZ
South Hope™

WZC
Ashland Bay

RST
Rustic™

WZC
Argyle

BA, AZ
Lyndon™

DBK
Royal Marine™

OZ
Harbor Row™

BKT, LD
Tournai™

AZ, SS
Pacific Edge™

RZ, BK
Salisbury™

Outdoor Posts

BKT	**BKT**	**OZ**	**WZC**
Amber Valley LED	Wakefield LED	Beacon Square	Andover
AVI	**RZ**	**WZC**	**RST**
Mill Lane™	South Hope™	Ashland Bay	Rustic™
WZC	**BA**, AZ	**DBK**	**OZ**
Argyle	Lyndon™	Royal Marine™	Harbor Row™
BKT, LD	**AZ**, SS	**RZ**, BK	**LD**
Tournai™	Pacific Edge™	Salisbury™	Halleron™
OZ	**DBK**	**BK**, TZ	**WZC**
Galemore	Piedmont	Barrie	Wiscombe Park™

LED Portable Lantern

Dimmable with Bluetooth® Speaker

RZ (Rubbed Bronze)	**BKT (Textured Black)**
South Hope™ LED	Lyndon™ LED

Full-function indicator buttons for audio control and light dimming.

Integrated Speaker

Full-function indicator buttons for audio control and light dimming.

Integrated Speaker

- Dimmable
- 3000K pure white light

- Controlled by any Bluetooth-enabled device
- 30-foot range

- Rechargeable NiMH 3.6V battery
- Charge from 0-100% in 5 hours
- 5-hour battery life at maximum volume and 100% light

- Damp rated
- Indoor or covered outdoor areas

- 3W audio output
- Independent controls for sound and lighting

ETL LISTED
Intertek

Finishes Guide

AGZ
Aged Bronze
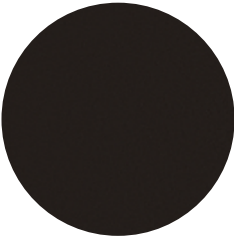
AZ
Architectural Bronze

AZT
Textured Architectural Bronze

BBR
Bronzed Brass

BK
Black

BKT
Textured Black

BN
Brushed Nickel

CBR
Centennial Brass

CO
Copper

CW
Crimson Wood
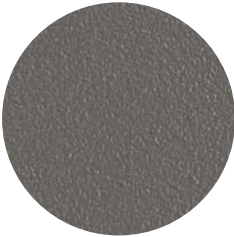
GRY
Textured Gray
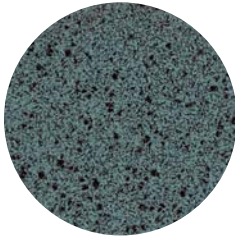
MST
Textured Midnight Spruce

OB
Olde Brick

OZ
Olde Bronze

PZ
Patina Bronze

SD
Textured Sand

SS
Stainless Steel
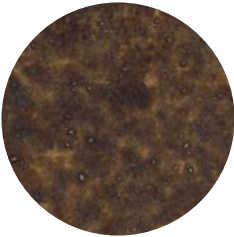
TZG
Tannery Bronze with Gold Accents
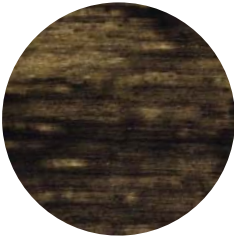
TZT
Textured Tannery Bronze

WHT
Textured White

Symbols Guide

D **Damp Rating:** Used in sheltered areas that are protected from direct contact with rain, snow or excessive moisture.

W **Wet Rating:** Suitable for direct contact with rain, snow or excessive moisture (such as fog or ocean spray).

LE **Line Extension:** Additional product added to an existing product line.

Dark Sky compliant: Aligns with the International Dark-Sky Association (IDA) standards of reducing light pollution, protecting the night skies for present and future generations.

016 Title 24, Part 6: A document that contains the California Building Energy Efficiency Standards as regulated by the California Energy Commission. Products marked with this logo and labelled as JA8-2016 or JA8-2016-E have been found to meet the requirements stated in 2016 T24, Part 6. For more information, visit **www.energy.ca.gov/title24**.

Federal Communications Commission devices designated with this logo comply with part 15 of the FCC Rules.

Ceiling Fans Iconography:

1: DC Fan   **2:** LED Light Kit   **3:** Climates finish

4: Damp-Rated   **5:** Wet-Rated   **6:** ENERGY STAR®

All electrical products are UL/CSA/ or ETL Listed and Certified to UL/CSA Standards for use in U.S.A. and Canada except where noted.

Kichler is a member of the American Lighting Association (ALA), a trade association representing the residential lighting and ceiling fan industries in the United States and Canada. Its membership includes leading lighting and fan manufacturers, showrooms (retailers), manufacturers representatives and designers. ALA members are dedicated to providing the public with the proper application of quality residential lighting.

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

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Abbreviation Key

AC	Alternating Current
ADA	Americans with Disabilities Act
ANSI	American National Standards Institute
AWG	American Wire Gauge system
CBCP	Center Beam Candlepower
CLR	Clear
CRI	Color Rendering Index
D	Depth
DC	Direct Current
FC, fc	Foot-candles
FL	Flood Light
FRO	Frosted
H	Height
hrs.	Hours
Hz	Hertz
ID	Inside Diameter
K	Kelvin temperature
kV	Kilovolt
L	Length
LED	Light Emitting Diode
lm	Lumens
lm/W	Lumens per Watt
lpw	Lumens per Wat
LVPC	Low Voltage Power Conditioner
Max.	Maximum
NFL	Narrow Flood Light
NSP	Narrow Spot Light
NPSM	National Pipe & Thread - Straight, Male
OD	Outside Diameter
pf	Power Factor
SP	Spot Light
V	Volt
VA	Volt-Amp
VNSP	Very Narrow Spot Light
VWFL	Very Wide Flood Light
W	Watt, when directly next to a number
W	Width, when paired with L and/or H
WFL	Wide Flood Light
Thd.	Thread

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Our Vision

At Kichler, everything we do, every single day, is with the intention of creating and delivering products that allow people to see what matters most to them. We will do that by relentlessly pursuing ever-better quality, ensuring continued innovation, always going one step further in our commitment to exceptional customer service and education, as well as creating on-trend designs that are both stylish and "life-stylish," promising to deliver project success for you.

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