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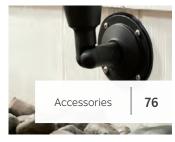
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At Your Service

Our programs are designed with you in mind.



Our LightPro Rewards program gives you access to a full suite of business and marketing tools to help you build your business while earning points for product purchases.



On our Brand Portal, you'll find Kichler® marketing materials, brand assets, logos, and photography, as well as resources, references, and support tools in one convenient spot to help you promote your services.



Just send us your landscape project details and inputs, and in return, we'll send you a finished layout, free of charge, plus a list of all the materials you'll need to get started.



Continuous education and training are essential as you grow your business; that's why we offer a variety of landscape training and educational opportunities. These include expert information on safety, troubleshooting, installation overviews, and tips on how to build your business.

Product Technical Support

Have a product or installation question? Our team can provide you with the answers you're looking for. We're available 8:00 AM to 6:00 PM EST, Monday-Friday. Call us at **844-KICHLER (844-542-4537)** or email us at **techsupport@kichler.com.**

Need more? Just ask; we are here to help.

LightPro[™] Rewards Program

A Partnership To Grow Your Business



As a member of the LightPro[™] Rewards program, you gain access to a full suite of business and marketing tools while earning points for qualified landscape lighting product purchases. The more Kichler landscape lighting products you buy from a participating distributor, the more you are rewarded.

Landscape Lighting, Layout & Design Services

Let Us Design Your Layout

You're managing crews during the day and making sales calls in the evening. How do you find the time to prepare landscape lighting layouts? If that's a challenge for you, we have good news. With our layout and design service, our LightPro Rewards members get a free layout just for being a member.

HOW TO GET STARTED:

Log into your LightPro Rewards Account

- Visit LightProRewards.com and login to submit your completed design request form and any drawings or pictures related to your job. If possible, provide one or two photos showing details of the house or property, landscaping, trees' height, and any other aspects of the area being lit.
- 2. We provide you with a bill of materials and a finished layout free of charge.

We'll Work With What You Give Us

We're flexible. If you send professional CAD drawings, our team will return these to you with the lighting design incorporated, but if you send only one or two photographs, our team will find a way to work with these, too. The more information you can provide, the better.

All members of our layout and design team are Certified Outdoor Lighting Designers (COLD) and Certified Low Voltage Lighting Technicians (CLVLT) by the Association of Outdoor Lighting Professionals (AOLP). So, you'll be in good hands.



A Layout You'll Love

Our team will provide you with a professional layout including our logo and yours. The layout will include a bill of materials, list of all the required runs, including fixture load and wire length. A win-win for you and your customer.

I have adopted Kichler Layout Services as part of my business model which has propelled my sales year after year. This service has provided my company with detailed and well thought out fixture placement and layout designs with a timely turnaround.



Business Building Marketing Materials

Our LightPro Rewards members get access to free, professionally designed marketing materials, including door hangers, postcards, and brochures, to help you market and grow your business.

Standard Marketing Materials

Access various free marketing materials to help you promote your landscape business services. Reach out to your local Kichler Sales Representative or Distributor to get started.

Customizable Marketing Materials

Allows you to create a co-branded piece that relates to your geographic region while handling the printing yourself through our Brand Portal. Members can swap photos and add company information.

Earn Points and Get Rewarded

Redeem points throughout the year or bank them for larger rewards such as merchandise, gift cards, or an all-inclusive trip. Select from over 60,000 items, including products from brands such as Apple®, Bose®, Cuisinart®, Nike®, Beats®, and Callaway®.

Custom Demo Kit Program

Presentation is everything. When you do your selling by showing, there's a light that goes on in a homeowner's head. It may switch a 'no' or a 'maybe' to a 'yes.' As a LightPro Rewards member, you'll have the exclusive opportunity to earn a free custom demo kit. To get started, contact your participating distributor.

To join our LightPro Rewards program visit **LightProRewards.com** and create an account.





Training and Education

Because we know that continuous education and training are essential as you grow your business, we offer a variety of landscape training and educational opportunities for you and your staff. These educational opportunities include expert information on safety, troubleshooting, installation overviews, and tips on how to build your business.

Need more? Just ask; we're here to help: LightPro@Kichler.com.

The Lighting Design Process

Landscape lighting is an investment in beauty, safety and entertainment spaces for homeowners.

That's why professionals as well as homeowners trust Kichler. We combine product innovation and unmatched design for products to suit every need. With rigorous testing standards and customer support, we're here for landscape professionals, too.

In order to truly understand what your customer wants; you need to start by understanding them.

Most consumers want landscape lighting for one or more of the following reasons:





Aesthetic

Bring a home's best features to life by creating a dramatic effect with shadowing or illuminating paths and entryways. And, since the fixture is as important as the light it gives off, you can select from a variety of styles and finishes to find the look that's best for each space—whether it's path lights along a walkway or a fixture that complements the finish of patio furniture.

Functionality

Create functional, livable spaces outside, around pools, decks or patios with the right light. A wide selection of fixtures and color temperatures allow you to create unique lighting effects, while different accessories such as timers, photocells and smart connected products, give your clients easy control at their fingertips.





Safety

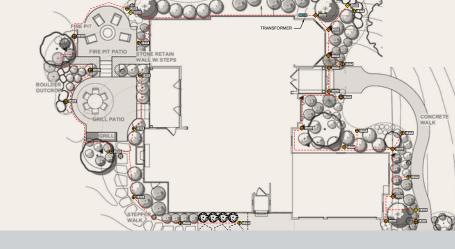
Besides adding curb appeal to a home, landscape lighting gives off essential illumination for nighttime navigation and helps ensure safe passage around stairs, walkways, and entryways.

Security

Landscape lighting works to provide additional security at night. The right lighting system can illuminate a home's dimly lit spots making for a well-lit outdoor space.

Getting Started

Undertaking a landscape lighting project is no small feat. Getting started the right way can mean the difference between a successful project and one with complications and troubleshooting.





HOMEOWNER CONSULTATION

First, it's important to consult the homeowner to understand their needs and get familiar with their space and the property. Here are a few questions to start with:

- · What are your favorite features of the property?
- How are you using the space?
- Do you like to entertain? Do you host large groups or smaller parties often?
- Are there areas you wish you could see after dark?
- Where do you spend most time inside the house? (Consider the view from this point and areas you can illuminate to make the home feel larger at night.)

Documenting the Property

Draw a Plan

It's always a good idea to begin drawing a plan with a scale drawing of the house and yard, though exact distances are not as significant an issue as they are for irrigation. The amount of wire and voltage drop are affected by the distances in landscape lighting.

Create a Scale Drawing

The quick and easy way to create a scale drawing of a small to medium sized property is to place a 200-foot long measuring tape along the curb, and walk from one end of the property to the other, noting the distances of major points of interest as you walk. Include the edges of the house, driveway, trees, etc. You can then do the same thing along the side of the property to get a scale plan of the yard very quickly.

Things to Note

Include the house (especially significant architectural elements like windows, columns and the front entryway), driveway and sidewalks. It's also helpful to take reference photos which you can use to overlay with the drawn plan.

Choosing Fixtures

When indicating fixtures on the plan, note the fixture location, type (use the part number), and any additional installation instructions.



And if you need more help, send all of your photos and sketches to the LightPro Rewards Landscape Lighting, Layout & Design team for a free layout and bill of materials at **LightProRewards.com**.





Determining the Fixtures

Now it's time to walk your client through their options. They rely on you as the expert, so ensure you're taking all of their considerations into account before you recommend a product. Make sure to highlight the features they may not know, like the fact that Kichler has finish options that coordinate with exterior lights and fans as well as options that blend in with the environment.

Important Features

Even before you discuss the product options, try to get a sense of which product features might be most important to your customer. Whether it's accent lighting or finish options or a long warranty for their forever home, we have the products to help create their ideal landscape.

Keep it Simple

Be selective and keep it simple. Not every feature is worthy of mention, only those that could tip their decision one way or another.

It's OK to Upsell

As a professional, you provide extraordinary value to your customer. They get quality lighting from day one and many more years of reliable performance without the need for service. Ensuring they have the best possible product is part of the service you provide.



Centennial Brass

For coastal areas we recommend our Centennial Brass for its superior corrosion resistance to weather the storm in even the harshest elements.



Upselling Accent Lights

As the expert, your clients rely on your recommendations - take the opportunity to sell on product features rather than price point. We offer three tiers of accent lights: good, better and best.



12V Drop-In

GOOD

Drop-in accent fixtures, also referred to as "retrofits" or "fixture and lamp products", may require attention after a few years, when the LED lamps inside require changing.





12V Integrated LED

BETTER

Our integrated LED accent light is highly engineered and sealed from the elements, which means it provides many years of reliable service – without lamp changing. Integrated fixtures offer many benefits that justify the difference in cost, such as:

- Longer performance life (with a longer warranty)
- Better quality of light
- No need to change the bulbs
- Fewer limitations of light or lumen output (like with drop-in)

VLO 12V Integrated LED

BEST

Our VLO 12V integrated LED accent is the best investment because it offers flexible lighting design options that adapt as landscape needs change over time. This premium, longest lasting product offers no bulb changing, is entirely sealed and delivers optimal light quality, with a built-in feature for adjusting lumen levels.

Plus, the VLO 12V integrated LED accent allows you to adjust between 2-4 lumen levels with the touch of a magnet, giving you the flexibility to fine tune your lighting design or adjusting as plants and trees grow.

These are all reasons to lead your customer toward integrated LED accent lights which, over time, may bring greater satisfaction.

Lighting Design Tips

Creating Depth and Dimension in Design

The light that shines on a landscape at night is what brings its beauty out of the darkness. That's why it's important to have a design strategy. To help you create one, we've provided some techniques below to help you best illuminate your project (or your client's property).





Selecting the Perfect Color Temperature

Our integrated LED fixtures and LED lamps come in a variety of color temperatures that can enhance the colors in a home's exterior and landscape. Measured by Kelvin (K) degrees, consider these suggestions for your applications:

WARM WHITE - 2700K

- Ideal for 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

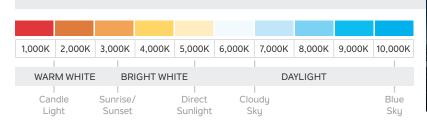
- Ideal for surroundings with dark materials, like deep slate, black or gray
- Foliage that is blue or purple (ex: highlighting blue spruce trees)

COOL WHITE - 4000K

- Complements contemporary homes and structures
- Commercial applications

BRIGHT WHITE - 5000K

- Works well for illuminating evergreen trees and shrubs
- Commercial applications
- · Moonlighting applications







Choosing the Right Beam Spread









10°-15° Beam Spread

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





25°-45° Beam Spread

Medium width beam of light suited for general accent lighting.





55°-60° Beam Spread

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





120° Beam Spread

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

Top left image: Rosecliff, Newport, RI lighting design by Chris Beneduce, New England Landscape Lighting, Inc. 2023 and 2024 Regional Contractor of the Year

Lighting Design Tips

Accent Uplighting

How to Uplight a Tree

No two trees are the same, and how the tree is situated within the landscape design will affect how you illuminate it. To assist you with planning, we have outlined some basic rules you can refer to when uplighting trees.



SMALL DECIDUOUS

- Single accent 35°: Most small, deciduous trees only need one accent light, but it's important to take the viewing angle into account. If viewed from two angles, the tree may benefit from two accent lights.
- Canopy-aimed: The fixture should graze the trunk and point up into the canopy for maximum effect.

Recommended fixture: VLO 12V LED Small 35° (16016)



MEDIUM DECIDUOUS

- Cross-lighting: While it is possible to use one 60° accent, it is better in most cases to use two 35° lights because they will direct more concentrated light into the canopy.
- Position the accent lights so they graze the trunk but are focused on the canopy.

Recommended fixtures: One VLO 12V LED Small 60° (16017) or two VLO 12V LED Small 35° (16016).

Additional Uplighting Tips

Don't be Afraid to Make Contact

Most smaller trees will look best when the beam grazes the trunk on its way up to the canopy.

Bring Out the Contrast

Narrow beam widths throw more concentrated light on the trunk, creating contrasts and drawing out shadows, variations, bark texture, knots, and other features. By contrast, wide beam spreads soften details.

Less is More

Don't overpower your landscape features. Instead, aim to create contrast between light and shadows. An overlit tree can distract from an otherwise balanced landscape lighting design.

Plan Your Viewing Angles

Think about who will be viewing the lighting effects and at what angles. How will the tree appear from the street and from inside the home? More viewing angles may require more accent lights.

Think About Distance

When choosing beam angle, keep in mind that the angle will open up with distance. A 15° beam angle's spread will increase in diameter the further the light travels. On the other hand, a narrow beam width that hits a thick branch close to the ground may get blocked and go no further.

	15° Beam	35° Beam	60° Beam	
Distance (in feet)	Diameter of Beam Spread (in feet)			
10'	2.63'	6.31'	11.55'	
20'	5.27'	12.61'	23.09'	
30'	7.9'	18.92'	34.64'	
40'	10.53'	25.22'	46.19'	
50'	13.17'	31.53'	57.74'	
60'	15.8'	37.84'	69.28'	
70'	18.43'	44.14'	84.02'	
80'	21.06'	50.45'	100.69'	



LARGE DECIDUOUS

- Different angles: A large tree (60-100 feet) will require a combination of accent lights with different angles.
- If the canopy starts at 25' place one 15° accent light at the base of the tree highlighting the trunk, and if the tree shape resembles the one above, use a 35° accent light to highlight the trunk.
- Place 2-3 accent lights (35° or 60°) away from the trunk pointing into the canopy* and 1-2 accent lights in the canopy, pointing up.

Recommended fixtures: VLO 12V LED Large 15° (16018) for the trunk, VLO 12V LED Large 35° (16019) or 60° (16020) for the canopy. Add 16091FRO beam expander to 16020 to go wider than 60°.

*Tree-mount junction box required:

For each light in the canopy, use a tree-mount junction box with stand-off screws, so the tree has room to grow. Each junction box will provide a mounting location for one accent light. Connections and wire nuts go inside the box. Run the wire up the non-visible or least-visible side of the trunk and fasten it to the trunk with cable ties or zip ties and stainless steel screws, making sure that the wire can still move with the tree. Leave some extra wire at the base of the tree to allow for tree growth.





LARGE CONIFER

- Total capture: Two accent lights with 60° beam spread to light up the tree on two sides, creating 360° of visual interest.
- Greater distance: With firs, the fixtures should be placed farther away from the base and should shine directly onto the tree (rather than aiming up into the canopy).

Recommended fixture: 25' tall or less: VLO 12V LED Small (16016, 16017) or 30' tall: Large 35° or 60° (16019, 16020).



Lighting Design Tips

Accent Downlighting

How to Downlight a Tree

A mood-enhancing option that will make an outdoor living space magical.



Add Drama and a Focal Point

Uplighting trees is dramatic and can create a focal point for the entire landscape lighting design. By comparison, downlighting is subtle and can create an inviting outdoor living space.

Downlighting and Uplighting

Downlighting and uplighting can be used together on the same tree for maximum effect or used separately on different trees. Also, downlighting can be installed on structures, such as pergolas or gazebos.

Enhance Social Gatherings

Downlighting makes a space inviting and delightful for social gatherings. It creates a special experience without the lighting itself being obvious.

Simulate Moonlight

With a tall tree, downlighting can simulate the impression of moonlight and, with a gentle breeze, you will be able to see the shadows of branches and leaves at play on the ground. If you want to wow your customers, try enhancing one of their outdoor living spaces with moonlighting.

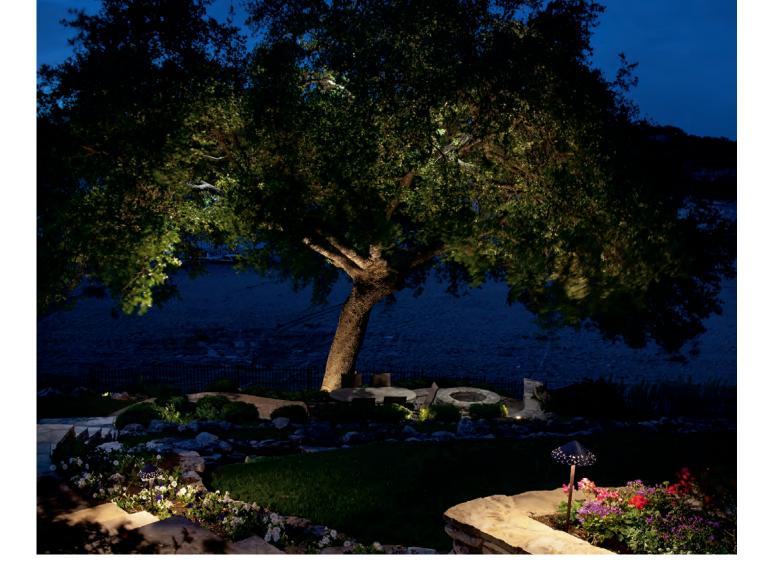


16162AZT50 60° Wide Flood

5000K - Bright White

Create a Beautiful Moonlight Effect

VLO 5000K LED High Lumen Accent comes equipped with a moonlighting kit which includes a Long Cowl and a 6500K CCT Mercury Vapor Green Lens to mimic the color of the moon. Use our Tree Bracket Mount (15609AZT) to install the fixture on trees for an optimal moonlighting effect.



How to Create Downlighting

Identify a large deciduous tree on the property that is a focal point of the landscape or near an outdoor living space. A large, tall tree is best with branches that start high up, although you can use a smaller tree too.

Place one Variable Lumen Output (VLO) small 60° wide accent light at least four feet above the lowest tier of branches, about 20-25 feet from the ground is ideal. Point the accent light downward, experimenting with the right direction for creating shadows with the branches below.

You can place the light lower or higher, but you want to avoid situations where the light is buried behind too many branches or where the light is visible or blinding from below.

How to Mount an Accent Light in a Tree

Our VLO small or large 60° wide accent light is ideal for downlighting from 20' or less because it offers three-lumen levels to choose from, allowing you to get the lighting mood just right. You can also experiment with the beam expander lens that is available as an accessory.

We recommend using a tree-mount junction box with standoff screws for mounting the accent light, so the tree has room to grow. The junction box will provide a mounting location for one accent light. Connections and wire nuts go inside the box. Run wire up the non-visible or least-visible side of the trunk and fasten it to the trunk with cable ties and stainless-steel screws, making sure that the wire can still move with the tree. Leave some extra wire at the base of the tree to allow for tree growth.



PRO TIP

A long cowl for the VLO small accent light helps prevent the light source from being visible when looking up from the ground.

Lighting Design Techniques

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



Wall-Washing

Delivers a subtle, low amount of light to a wide area, up close to the structure, with minimal hot-spots and density.

Recommended fixtures: VLO 12V LED Accent 60° 16017 & 16020. VLO Mini Wall Wash 16026. Also 120V-277V C-Series 16210-16211, 16213-16214, 16218-16224.



Cross Lighting

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

Recommended fixtures: VLO 12V LED Accent 15°-35° 16015-16016, 16018-16019. Also 120V-277V C-Series 15°-40° 16209-16210, 16212-16213, 16215-16216, 16218-16219.

Accent Lighting

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

Recommended fixtures: VLO 12V LED Accent 15°-60° 16015-16020. VLO High Lumen Accent 15°-60° 16160-16162. Also 120V-277V C-Series 15°-55° 16209-16220.





Grazing

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

Recommended fixtures: VLO 12V LED Accent 60° 16017 & 16020. VLO Mini Wall Wash 16026. Also 120V-277V C-Series 40°-55° 16210-16211, 16213-16214, 16218-16224.

Silhouette Lighting

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

Recommended fixtures: VLO 12V LED Accent 15°-60° 16015-16020. Also 120V-277V C-Series 15°-55° 16209-16220.





Shadowing

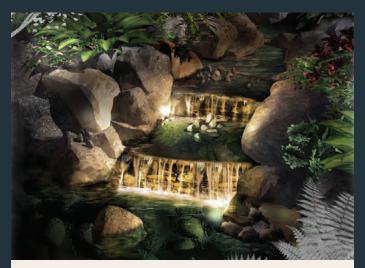
A technique that projects the look of a tree or yard art onto a surface behind the object.

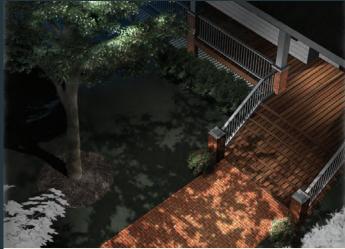
Recommended fixtures: VLO 12V LED Accent 15°-60° 16015-16020. Also 120V-277V C-Series 15°-55° 16209-16220.

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: VLO 12V LED Accent 15°-60° 16015-16020. Also 120V-277V C-Series 15°-55° 16209-16220.





Underwater & Water Accent

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

Recommended fixture: VLO 12V LED Underwater 16027.

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: VLO 12V LED Accent 60° 16162AZT50, 35°-60° 16016-16017, 16019-16020. VLO High Lumen Accent 35°-60° 16161-16162. Also 120V-277V C-Series 40°-55° 16210-16211, 16213-16214, 16218-16224.





In-Ground Lighting

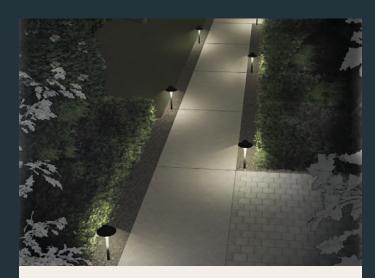
Deliver light to permanent and semi-permanent installations such as sidewalks, large mature trees, walls and flagpoles.

Recommended fixtures: VLO 12V LED In-Ground 16023-16025, 12V LED Mini All-Purpose Recessed 16140-16141. Also 120V-277V C-Series 16227-16228.

Xeriscape Lighting

Cacti, grasses and the stone used in xeriscape designs can benefit from a lower lumen illumination than traditional landscaping.

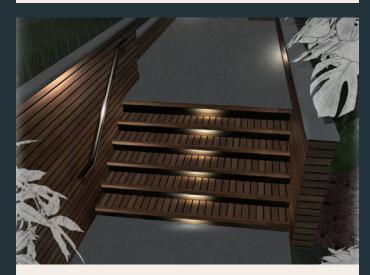
Recommended fixtures: 2700K fixtures; 12V LED Path 15811, 15821, VLO 12V LED Accent 16015-16017.



Path & Spread Lighting

Illuminate sidewalks, stone pathways and lawn walkways while adding a hint of intrigue to boulders and plant beds. Spread lighting uses a path light inside a landscape bed to illuminate the plantings.

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



Hardscape Lighting

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

Recommended fixture: 6" 12V LED 16101.



Deck & Patio Lighting

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

Recommended fixtures: (top) 12V LED Half Moon 15764. (bottom) 12V LED Brick Light 15773, LED Surface Mount Step Lights 16171-16172.



Fixture Spacing

Make Your Design Stand Out

Where you place the fixtures not only determines the visible light, but also the shadows. It's important to consider the play between the shadows and the light to create a natural rhythm of contrast and symmetry.



12V VLO HIGH LUMEN ACCENT



Item	1616 ⁻	1 (High - 12	00 lm)
Beam		35° Flood	
Candela	N	lax Candela: 2,	872
Distance	fc	1200 lm	Beam Width
84'	0.4		42'
72'	0.6		36'
60'	0.8	30'	
48'	1.2	24'	
36'	2.2		18'
24'	5		12'
12'	20		6'
8'	45	V	4'

Item	1616	1 (Low - 100	00 lm)	
Beam		35° Flood		
Candela	M	lax Candela: 2,	394	
Distance	fc	1000 lm	Beam Width	
84'	0.3		42'	
72'	0.5		36'	
60'	0.7	0.7		
48'	1		24'	
36'	1.8		18'	
24'	4.2		12'	
12'	17		6'	
8'	37		4'	

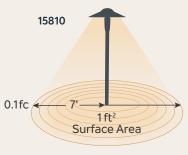
Reading Photometrics

Choosing the right fixture for the job requires technical know-how. When it comes to specifying products on the design and ordering the fixtures, how do you find the right light for the job? The answer is that you'll need to read the photometric chart for the fixture to find the right amount of light for your specific homeowner's situation.

Characteristics of Light

Illuminance and Footcandles

The amount of light falling on a surface or an object is called illuminance and it is measured in footcandles (where one footcandle equals one lumen per square foot).

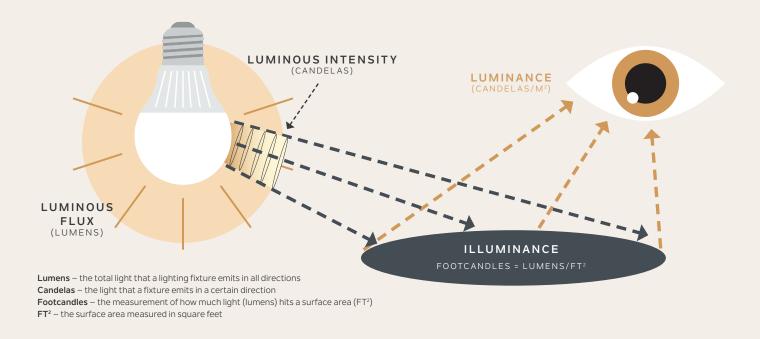


1Lumen = 1 Candle 1Footcandle = 1 Lumen/FT²

Illuminance Measurements

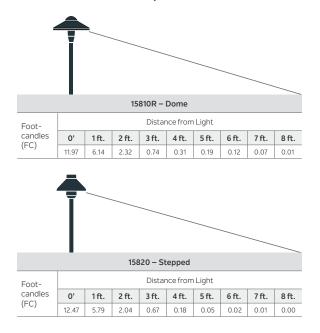
The light is naturally brightest near the source, where the area illuminated is smaller, so there are more lumens per square foot, and therefore more footcandles. Illuminance goes down the farther away from the light source you get because the area illuminated gets larger and there are therefore fewer lumens per square foot and fewer footcandles of illumination.





Illuminance is how much light you're throwing in a space vs. luminance which is how your eye perceives.

Photometric Chart Examples



A path light is mounted at a fixed height above the ground, and the chart measures the footcandle value on the ground at intervals measured from the location of the path light. Charts for bollards, deck and step lights work the same way. The light is brightest, closest to the path light (the footcandle value is high), and grows less bright the further away from the fixture that you get (the footcandle value goes down). That is, as the distance from the path light increases, the footcandle value decreases.

For instance, this 15810 path light produces 11.97 footcandles on the ground directly under the fixture, 6.14 footcandles on the ground one foot away from the fixture, 2.32 footcandles on the ground two feet away from the fixture, 0.74 footcandles on the ground three feet away from the fixture, and so on.

Photometric Data & Footcandle Reference Values

Photometric data can help you sort out differences between fixtures: consider, for instance, these two path lights, which have these two photometric charts above. The 15810 fixture at the top has a different style shade, than the 15820 fixture on the bottom. If we look at the photometric charts, we see that two feet away from the fixture the top fixture produces greater illuminance: it produces 2.32 footcandles as opposed to the other fixture's 2.04 footcandles.



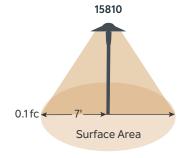
Why Path & Spread Lighting

Path and spread lights help illuminate sidewalks, stone pathways, and lawn walkways while adding a hint of intrigue to boulders, plant beds and patio perimeters. Spread lighting uses a path light inside a landscape bed to illuminate the plantings and ground cover.

Typical Plot Plan Using Spread Light Fixtures

It is important to use a center-to-center measurement, rather than linear, along the sidewalk to help plan for path and spread lights. This will help ensure your fixture spacing is not subject to the width of the walkway. The chart below outlines that most path lights have a 5-7' light spread from the fixture from each side of the center, which maintains a bare minimum .1 fc at that distance. A typical path light casts a 10' diameter light spread. You will need to double the distance of the below footcandle chart to get a full diameter.

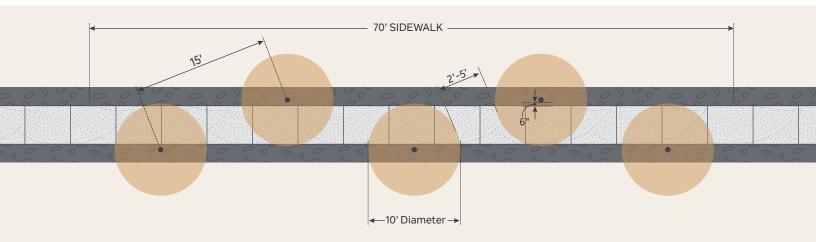
Footcandles DISTANCE FR				FROM	FIXTU	RE CEN	ITER	
by Item Number	0'	1'	2'	3'	4'	5'	6'	7'
15810	10.5	5.7	2.4	1.0	0.4	0.3	0.2	0.1
16120	20.0	7.6	2.8	0.9	0.4	0.2	0.1	0
15870	16.5	7.2	2.5	0.7	0.2	0.1	0	0



1 lumen = 1 candle 1 footcandle = 1 lumen/ft²

Staggered Path Lighting

When using a staggered path lighting approach, we recommend installing the path lights at least 6" away from the edge of the pathway and space the fixtures at 15', using a center-to-center measurement, which will leave a 2'-5' gap between pools of light and properly illuminate the sidewalk.



Additional Path & Spread Lighting Tips

- · Spread lights are typically center mounted
- Most spread lights have a larger round or square area of light; the shade geometries will dictate the shape of the light spreads
- · Use spread lights when illuminating sidewalks, lawn, and flower beds at the same time
- Use path and spread lights sparingly, try not to overlap the light output of other path lights
- The wider the top canopy, the wider the spread because of a greater reflective surface

MAPPING OUT YOUR PLAN

Make sure to always review your application area first.

Next, start drawing out some layout ideas with distance and measurements to ensure that you are accounting for the beam spread and photometrics of the selected fixture. We recommend planning for a total spread diameter light spread from the center of each fixture.

Check out our photometric details and diagrams on Kichler.com for additional details and information.

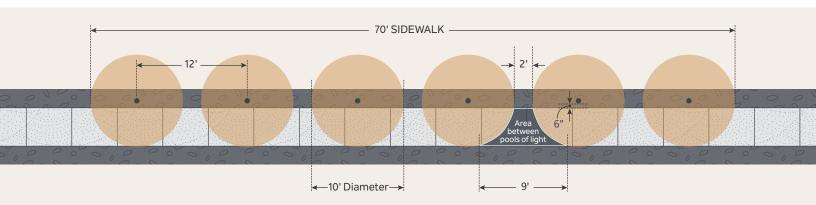
For help with layout planning, contact our **Landscape Lighting**, **Layout & Design Services team** at **844-KICHLER** (844-542-4537) or via email at **techsupport@kichler.com**.



15870AZT27R

Linear Path Lighting

By spacing the fixtures at 12', the gap between pools of light would end up being just over 2' on the near side of the walk and 9' on the far side of the walk.



Calculating Project Load & Wire Size

Once you've selected the fixtures you need to achieve your lighting design using the lighting design tips on page 12-21, list the wattage and VA for each fixture in the system.



CHOOSING A TRANSFORMER

- Add the VA values of each fixture to determine total VA of the system.
- The total VA value of the system should not exceed the wattage value of the transformer.

Example: A system totaling 300 VA should use a transformer rated with at least 300 Watts

TRANSFORMER CONTROL OPTIONS (see pg 54)

- Photo Cell Sensor turns lights on when it gets dark and off when it gets bright outside.
- Mechanical Timer Uses traditional pin setting to automate on and off sequencing.
- **Digital Timer** Program on/off times for each day of the week and automatically adjusts for daylight savings time.
- Smart Control Timer (Wi-Fi) Schedule and control your lights from your phone or another Wi-Fi enabled device.

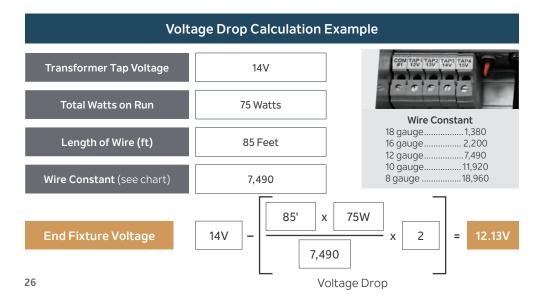
Voltage Drop Calculation

Utilize the voltage drop calculation below to select the appropriate wire gauge and to determine the voltage that will be delivered to the last fixture on your wire run. This calculation should be done on each wire run to ensure safe and effective operation.

Voltage Drop = ((Length of Wire x Total Watts on Run) / Wire Constant) x 2 see calculation example below

End Fixture Voltage = Transformer Tap Voltage - Voltage Drop calculation

- Transformer Tap Voltage Varies by transformer and can be 12V, 13V, 14V or 15V.
- Total Watts on Run The total wattage of each fixture that will be installed on an individual wire run.
- Length of Wire The length in feet of an individual wire run.
- · Wire Constant Predetermined value, see chart below. We recommend starting with 12 gauge and adjusting if necessary.
- End Fixture Voltage Should be greater than 10V to ensure effective operation.



What if Your End Fixture Voltage Number is Less Than 10V?

- If possible, select the next highest voltage tap and recalculate.
- Decrease the load (eliminate fixtures) on the wire run and recalculate.
- Increase the wire gauge and recalculate.

We don't accept responsibility for any missuses or misunderstanding of the wire size calculations. We always recommend utilizing a voltmeter to confirm your calculations.



Accessories to Help Get The Job Done

Lenses, louvers and cowls can help reduce glare and direct light where you want it, wall or tree mount kits allow you to mount fixtures in spaces where the ground isn't an option.

A FEW OF OUR MOST POPULAR ACCESSORIES

- 15609 Junction Box Mounting Bracket
- 15511CBR 12" Male and Female Riser
- Hexcell Louvers 15679BK, 16073BK, and 16175BK
- 6" Long Cowls (VLO Large 16068, VLO Small 16067, 200-500lm Accent 16076)

Maintenance Tips

Once the lights are installed, your job isn't done. A twilight check to ensure everything is running correctly can reduce calls from unhappy clients. The first thing you should do is review your job in the dark to make sure fixtures are aimed correctly. Then, annually or twice a year, make sure you're performing ongoing system maintenance.

Maintenance Contract

It's a good idea to offer your clients a maintenance contract when you install each system. This allows you to walk the property annually or twice a year to check for lamps that are out, clean dirty fixtures or reset fixtures that need realigned. Typically, a maintenance contract involves the following:

- Straighten up lights at end of season
- Replace any lamps at 80% of useful life
- 3 Clean fixture lenses

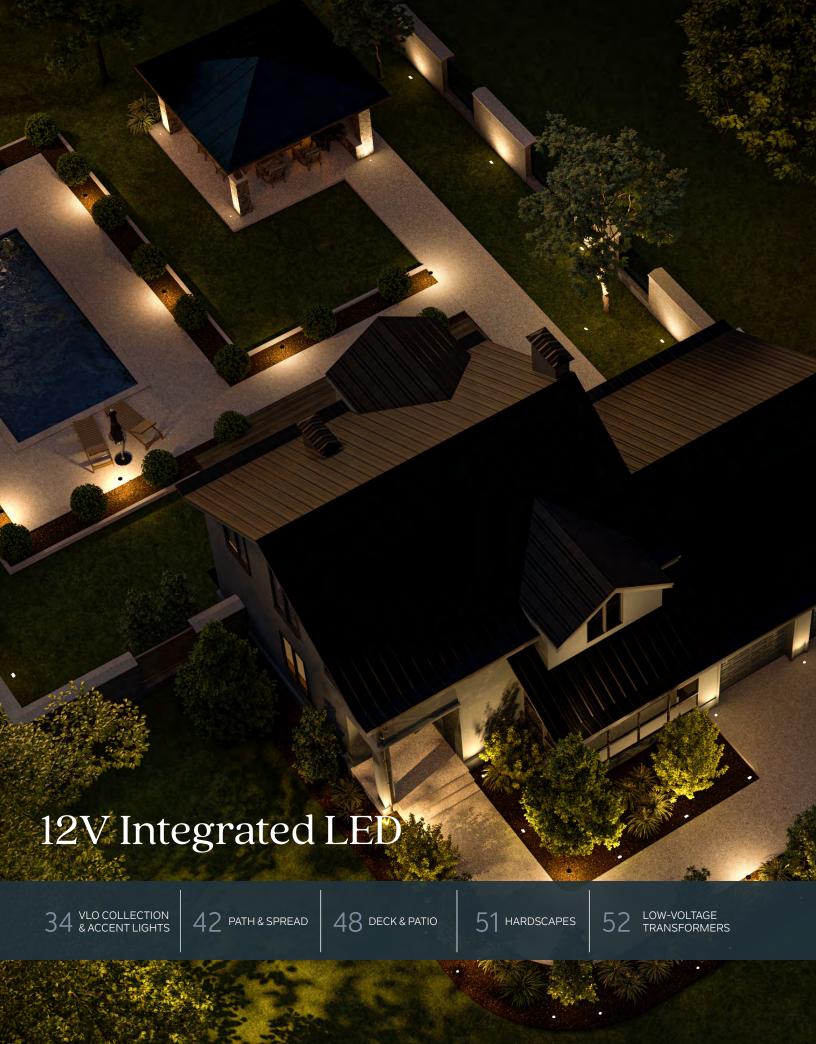
Maintenance contracts allow you to stay in front of any potential emergency calls and should cover the cost of your time for a quick visit.











Smart Control Lighting

Smart Control Transformer

SKU # 15SCT300SS

Wattage 300W

Name

 $\label{eq:decomposition} Dimensions \qquad \qquad 7.4\text{"W} \times 6\text{"D} \times 13.78\text{"H}$

Output Voltage Taps (3) Commons, (3) 15V taps

Offers you the flexibility to design and schedule up to three separate lighting zones, so your customers can customize and control the areas they want to illuminate, all with the Kichler Connects" app.



Name	Smart Control Timer		
SKU # Finish	16085BK		
Wattage	-		
Dimensions	2.27"W x 2.25"L x 3.94"H		
Output Voltage Taps	-		
Notes	Plugs into the transformer and wirelessly controls lighting with the Kichler Connects" app. Compatible with most transformers. Includes external antenna and nylon knock-out gasket.		
3 .	Kichler Connects™ app. Compatible with most transformers.		

KICHLER COMPATIBLE TRANSFORMERS				
Contractor Series	Plus Series	Professional Series		
15CS150SS	15PL75AZT	15PR75SS		
15CS300SS	15PL100AZT	15PR100SS		
15CS600SS	15PL200AZT	15PR200SS		
	15PL300AZT	15PR300SS		
	15PL600AZT	15PR600SS		
		15PR900SS		
		15PR1200SS		







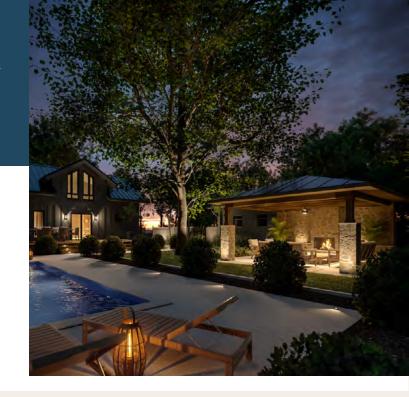
Learn more at Kichler.com/Kichler-Connects

Smart Control Lighting

Make Landscape Lighting Smarter and Easier

We now offer two Smart Control landscape products, the Smart Control Transformer and Smart Control Timer. These products give homeowners the freedom to schedule and control their landscape lighting right from their smart device using the **Kichler Connects™ app**.

Easy to install and use, these Smart Control products can be used alone or paired together and are compatible to work with other low-voltage landscape lighting.



Smart Control Transformer 300W

Our 300W low-voltage Smart Control Transformer offers you the flexibility to design and schedule up to three separate lighting zones, so your customers can customize and control the areas they want to illuminate, all with the Kichler Connects™ app.

Zoning Example for Home and Landscape Lighting Set up and schedule three independently controlled zones, all from one transformer. Connect multiple Smart Control Transformers through the app for even more zoning options. Monitor electrical load by zone and automatic fault detection for easy troubleshooting. Zone 1 Driveway/Walkway Zone 2 House Zone 3 Landscape



"Alexa, turn on the landscape lights."

Let Your Voice Do The Work

Use voice commands with smart home devices like Amazon® Alexa® or Google Home® to tell your landscape lighting to turn on or off.



Kichler.com/Kichler-Connects

Smart Control Timer

Compact and easy to install, the Smart Control Timer works with the Kichler Connects $^{\rm m}$ app – allowing users to utilize and control preset lighting schedules or create custom schedules. Plus, the unique external antenna allows for long-range connectivity by extending the signal range from the transformer enclosure, supporting strong performance in more applications.











PLUGITIN

Plug the Smart Control Timer into the transformer and download the Kichler Connects app. Make sure Wi-Fi is turned on and the router is in range.

OPEN THE APP

Open the Kichler Connects app and follow the prompts to set up your device. Enter your Wi-Fi password by selecting the 2.4GHz channel. *Must use* 2.4ghz, not compatible with 5ghz.

TURN ON LIGHTS

Tap the Power On/Off to control your landscape lighting or select from preset schedules. You can also ask your smart devices to do it for you.

Download the app

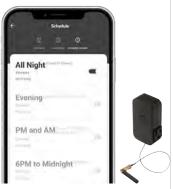












App Features	Smart Control Transformer	Smart Control Timer
Independently control 3 separate zones for each Smart Control Transformer	Yes	-
Set custom schedules per zone and per day	Yes	-
Built in diagnostics shows load and fault notices per zone	Yes	-
Create custom schedules per day or select from preset schedules to align with dusk and dawn and the changing seasons	Yes	Yes
Pair multiple smart products within the app	Yes	Yes
On-board memory to control lights even if Wi-Fi connection is interrupted	Yes	Yes
Voice control via Amazon [®] Alexa [®] or Google Home [®]	Yes	Yes
Usage share for multiple family members	Yes	Yes

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VLO Collection





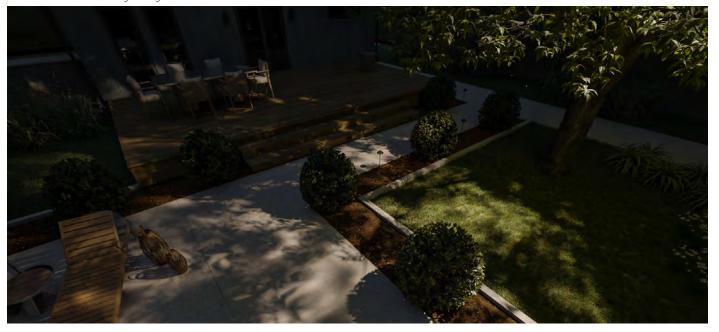




Name	VLO LED High	Lumen Accent	VLO LED High Lumen Moonlighting Kit
	16160AZT27 - 15° 16160BKT27 - 15° 16160CBR27 - 15°	16160AZT30 - 15° 16160BKT30 - 15° 16160CBR30 - 15°	
SKU # Finish Beam Angle	16161AZT27 - 35° 16161BKT27 - 35° 16161CBR27 - 35°	16161AZT30 - 35° 16161BKT30 - 35° 16161CBR30 - 35°	16162AZT50 - 60°
	16162AZT27 - 60° 16162BKT27 - 60° 16162CBR27 - 60°	16162AZT30 - 60° 16162BKT30 - 60° 16162CBR30 - 60°	
Watt/VA		VA, 1000 lm, 71 lm/W VA, 1200 lm, 67 lm/W	Level 1* = 14W/19VA, 1000 lm, 71 lm/W Level 2 = 18W/23VA, 1200 lm, 67 lm/W
Kelvin & Lumens	2700K	3000K	5000K
Dimensions	2.75"W x 6"L x 4.5"H		2.75"W x 6"L x 4.5"H
Included Accessories	2 (-al-Filled Wire Nuts Locknut, and Magnetic Kell, 18 AW(-, 105°)		2000-Volt Fixture Surge Protection. 6500 CCT Mercury Vapor Gre Lens, Long Cowl, 8" Slotted Ground Stake, 2 Gel-Filled Wire Nuts, Locknut, and Magnetic Key. 18 AWG, 105° C, 300V, 48" of usable #1 SPT-1W leads.
	Riser Stems AZT/BKT (1/2"): 6" 156 Adjustable 15570. Stem Coupler 15		See VLO High Lumen Accent 16160-16162 for additional accessory
	CBR (1/2"): 3" 15509 , 6" 15510 , 12" 1	5511 , 18" 15512 , 24" 15513 .	options
Optional	Mounting Accessories AZT/BKT: Surface Flange 15601. Bracket 15607. Tree Mount 15609. onal Elbow 15647. Gutter Mount 15489.		
Accessories	CBR: Mounting Base 15493. Elbow 15514. Two Fixture "T" 15515. Bracket 15516. Tree Mount 15609. Gutter Mount 15489.		
	Cowls: Long 16068.		
	Lenses: Hexcell 16075BK, Beam Ex	pander 16091FRO.	
	Stakes: 8" 15575 , 14" 15576 , Power F	Post 15276 .	

tection. 6500 CCT Mercury Vapor Green Ground Stake, 2 Gel-Filled Wire Nuts, 18 AWG, 105° C, 300V, 48" of usable #18-2

*VLO factory setting.













Name	VLO LED Large Accent		VLO LED Si	mall Accent	
	16018AZT27 - 15° 16018BKT27 - 15° 16018CBR27 - 15°	16018AZT30 - 15° 16018BKT30 - 15° 16018CBR30 - 15°	16015AZT27 - 15° 16015BKT27 - 15° 16015CBR27 - 15°	16015AZT30 - 15° 16015BKT30 - 15° 16015CBR30 - 15°	
SKU # Finish Beam Angle	16019AZT27 - 35° 16019BKT27 - 35° 16019CBR27 - 35°	16019AZT30 - 35° 16019BKT30 - 35° 16019CBR30 - 35°	16016AZT27 - 35° 16016BKT27 - 35° 16016CBR27 - 35°	16016AZT30 - 35° 16016BKT30 - 35° 16016CBR30 - 35° 16016WHT30 - 35°	
	16020AZT27 - 60° 16020BKT27 - 60° 16020CBR27 - 60°	16020AZT30 - 60° 16020BKT30 - 60° 16020CBR30 - 60°	16017AZT27 - 60° 16017BKT27 - 60° 16017CBR27 - 60°	16017AZT30 - 60° 16017BKT30 - 60° 16017CBR30 - 60°	
Watt/VA	Level 2 = 8.5W/12	3.5VA, 400 lm, 76 lm/W .5VA, 600 lm, 70 lm/W 7VA, 835 lm, 69 lm/W	Level 1 = 2W/3.5V/ Level 2* = 3.5W/5.5' Level 3 = 5.5W/7.5V	VA, 200 lm, 57 lm/W	
Kelvin & Lumens	2700K	3000K	2700K	3000K	
Dimensions	2.75"W x 6"L x 4.5"H		2"W x 4.5"L x 3.75"H		
Included Accessories	2 (3PI-FILLED WITE NUTS OCKNUT AND MADDETIC KELL 18 AW(3 105°)		2000-Volt Fixture Surge Protection. 8" Slotted In-Ground Stake, 2 Gel-Filled Wire Nuts, Locknut, and Magnetic Key. 18 AWG, 105° C, 300V, 48" of usable #18-2 SPT-1W leads.		
	Riser Stems AZT/BKT (1/2"): 6" 15645 , 12" 15656 , 18" 15657 , 24" 15658 . Adjustable 15570 . Stem Coupler 15649 .		Riser Stems AZT/BKT (1/2"): 6" 15645 , 12" 15656 , 18" 15657 , 24" 15658 . Adjustable 15570 . Stem Coupler 15649 .		
	CBR (1/2"): 3" 15509 , 6" 15510 , 12"	15511 , 18" 15512 , 24" 15513 .	CBR (1/2"): 3" 15509 , 6" 15510 , 12" 15511 , 18" 15512 , 24" 15513 .		
Optional	Mounting Accessories AZT/BKT: Surface Flange 15601. Bracket 15607. Tree Mount 15609. Elbow 15647. Gutter Mount 15489.		Mounting Accessories AZT/BKT: Surface Flange 15601. Bracket 1560 Elbow 15647. Gutter Mount 15489.	7. Tree Mount 15609 .	
Accessories	CBR: Mounting Base 15493 . Elbow 15514 . Two Fixture "T" 15515 . Bracket 15516 . Tree Mount 15609 . Gutter Mount 15489 .		CBR: Mounting Base 15493 . Elbow 15514 . Two Fixture "T" 15515 . Bra et 15516 . Tree Mount 15609 . Gutter Mount 15489 .		
	Cowls: Long 16068.		Cowls: Long 16067.		
	Lenses: Hexcell 16075BK, Beam E	xpander 16091FRO.	Lenses: Hexcell 16073BK, Beam Exp	pander 16090FRO.	
	Stakes: 8" 15575 , 14" 15576 , Power	Post 15276 .	Stakes: 8" 15575 , 14" 15576 , Power P	ost 15276 .	

^{*}VLO factory setting.

VLO Collection









Name	VLO LED Mini Wall Wash	
SKU # Finish Beam Angle	16026AZT27 16026BKT27 16026CBR27	16026AZT30 16026BKT30 16026CBR30
Watt/VA	Level 1* = 2.5W/4VA, 150 lm, 60 lm/W Level 2 = 5W/7VA, 300 lm, 60 lm/W Level 3 = 8W/10.5VA, 450 lm, 56 lm/W Level 4 = 10W/14VA, 600 lm, 60 lm/W	
Kelvin & Lumens	2700K	3000K
Dimensions	4.25"W x 2.25"L x 5.25"H	
Included Accessories	2000-Volt Fixture Surge Protection. 8" Slotted Ground Stake, 2 Gel-Filled Wire Nuts, Locknut, and Magnetic Key. 18 AWG, 105°C, 300V, 48" of usable #18-2 SPT-1W leads.	
Beam Angle	Beam spread vertical of 86°, horizontal of 108°.	
Optional Accessories	Riser Stems AZT/BKT (1/2"): 6" 15645, 12" 15656, 18" 15657, 24" 15658. Adjustable 15570. Stem Coupler 15649. CBR (1/2"): 3" 15509, 6" 15510, 12" 15511, 18" 15512, 24" 15513.	

*VLO factory setting.



16023CBR27 - 15° 16024CBR27 - 35° 16025CBR27 - 60° 16023CBR30 - 15° 16024CBR30 - 35° 16025CBR30 - 60°

Level 1 = 5.3W/8VA, 350 lm, 66 lm/W Level 2* = 8.3W/11.75VA, 550 lm, 66 lm/W Level 3 = 12W/16VA, 850 lm, 71 lm/W

2700K 3000K

6"W x 7.5"H

2000-Volt Fixture Surge Protection. 4,600 lb Drive-Over Rating. Composite Installation Sleeve, 2 Replacement Screws, 2 Gel-Filled Wire Nuts, and Magnetic Key. 18 AWG, SPT-1W 105°C, 300V, 60' of usable length.

355° rotation, +/- 30 degree articulation

Tops: Side Fire 16093CBR, Four-Way 16094CBR, Cowl 16095CBR, Rock Guard 16096CBR. Concrete Kit 16099BK. Lens Clip 16097BK. Hexcell Louver 16075BK. Beam Expander 16091FRO.

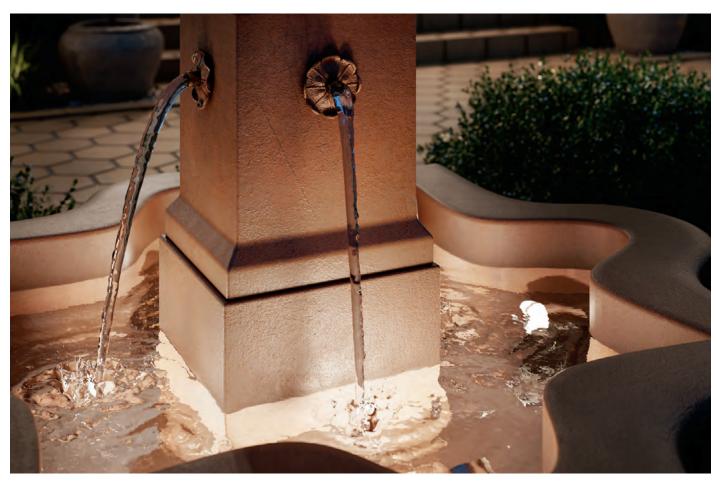






Name	VLO LED Underwater Accent					
SKU # Finish Beam Angle	16027SS27 - 60°	16027SS30 - 60°				
Watt/VA	Level 1 = 1.5W/3.5VA, 100 lm, 66 lm/W Level 2* = 3W/5VA, 200 lm, 66 lm/W Level 3 = 5.5W/7.5VA, 400 lm, 72 lm/W					
Kelvin & Lumens	2700K	3000K				
Dimensions	2"W x 2"L x 2"H					
Included Accessories	2000-Volt Fixture Surge Protection. Removable 316 Stainless Steel Adjustable Bracket and Cowl, 2 Gel-Filled Wire Nuts, and Magnetic Key. 18 AWG, 105°C, 300V, 25' usable length, SJTW or SJOW.					
Optional Accessories	Weighted Base 16084BK					

^{*}VLO factory setting.



Variable Lumen Output (VLO) Collection

Product Features & Benefits

Designed for Every Growing Application

Our Variable Lumen Output (VLO) product line with Lumen Effects System allows you to switch between lumen outputs easily within one fixture – all with the use of the Magnetic Key. Giving you and your team the flexibility to adjust on location before or after the initial installation has occurred.



The Advantage of Our VLO Product Line



Lumen Effects System eliminates the need to mechanically adjust or open the fixture, supporting product longevity.



Versatile IP66-IP68 rated design provides protection against dust particles and water, including powerful jets or submersion, based on rating.



Flexible lumen levels allows you to set and adjust the lumen levels as the landscape needs change.



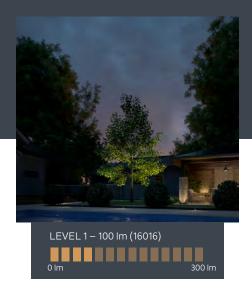
2,000-volt fixture surge protection protects against power surges and irregularities, especially when paired with one of our transformers.



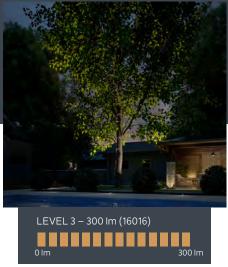
Sealed and fully encapsulated to safeguard from water ingression and the outdoor elements – helping to extend the life of the product.



10-15 year limited warranty. For details visit Kichler.com/Warranty



LEVEL 2 - 200 lm (16016)



YOUNG TREE

When lighting a young tree, we recommend using a cross-lighting technique with two VLO 3000K Small 35 Degree Floodlights (16016), as shown above.

MATURING TREE

As the tree grows, use the Magnetic Key to adjust the lumen output to Level 2.

MATURE TREE

Mature trees require more lumens; we recommend adjusting the lumen output to Level 3 for maximum light coverage.







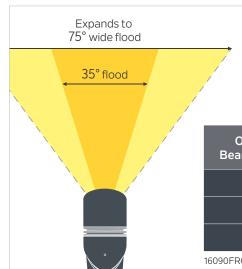






VLO Collection - Lumen Levels

Lumen Output	High Lumen Accent 16160-16162	Large Accent 16018-16020	Small Accent 16015-16017	Mini Wall Wash 16026	Underwater Accent 16027	In-Ground 16023-16025
LEVEL 1	1000 lm	400 lm	100 lm	150 lm	100 lm	350 lm
LEVEL 2	1200 lm	600 lm	200 lm	300 lm	200 lm	550 lm
LEVEL 3	-	835 lm	300 lm	450 lm	400 lm	850 lm
LEVEL 4	-	-	-	600 lm	-	-



VLO BEAM EXPANDER CAPABILITIES

This sophisticated yet straightforward optical system allows you to add additional beam spread to any of our VLO Accent, In-Ground and High Lumen Accent fixtures. The supplemental system shapes, controls, and distributes light within defined areas providing versatility and design flexibility.

Original Beam Spread	with Small Beam Expander 16090FRO	with Large Beam Expander 16091FRO
15°	58°	60°
35°	66°	75°
60°	79°	90°

16090FRO compatible with Small Accent (16015-16017).

16091FRO compatible with High Lumen (16160-16162), Large Accent (16018-16020), and In-Ground (16023-16025)

Accent







Name	200 Lumen	LED Accent	300 Lumen	LED Accent	500 Lumen	LED Accent	
	16150AZT27 - 10° 16150BKT27 - 10° 16150CBR27 - 10°	16150AZT30 - 10° 16150BKT30 - 10° 16150CBR30 - 10°	16153AZT27 - 10° 16153BKT27 - 10° 16153CBR27 - 10°	16153AZT30 - 10° 16153BKT30 - 10° 16153CBR30 - 10°	16156AZT27 - 10° 16156BKT27 - 10° 16156CBR27 - 10°	16156AZT30 - 10° 16156BKT30 - 10° 16156CBR30 - 10°	
SKU # Finish Beam Angle	16151AZT27 - 35° 16151BKT27 - 35° 16151CBR27 - 35°	16151AZT30 - 35° 16151BKT30 - 35° 16151CBR30 - 35°	16154AZT27 - 35° 16154BKT27 - 35° 16154CBR27 - 35°	16154AZT30 - 35° 16154BKT30 - 35° 16154CBR30 - 35°	16157AZT27 - 35° 16157BKT27 - 35° 16157CBR27 - 35°	16157AZT30 - 35° 16157BKT30 - 35° 16157CBR30 - 35°	
	16152AZT27 - 60° 16152BKT27 - 60° 16152CBR27 - 60°	16152AZT30 - 60° 16152BKT30 - 60° 16152CBR30 - 60°	16155AZT27 - 60° 16155BKT27 - 60° 16155CBR27 - 60°	16155AZT30 - 60° 16155BKT30 - 60° 16155CBR30 - 60°	16158AZT27 - 60° 16158BKT27 - 60° 16158CBR27 - 60°	16158AZT30 - 60° 16158BKT30 - 60° 16158CBR30 - 60°	
Watt/VA	2.5W/3.5VA		3.5W/5.25VA		7W/10VA		
Kelvin, Lumens & Efficacy	2700K, 200 lm, 80 lm/W	3000K, 200 lm, 80 lm/W	2700K, 300 lm, 86 lm/W	3000K, 300 lm, 86 lm/W	2700K, 500 lm, 71 lm/W	3000K, 500 lm, 71 lm/W	
Dimensions	3.2"W x 4"L x 5"H		3.2"W x 4"L x 5"H	3.2"W x 4"L x 5"H			
Included Accessories	2000-Volt Fixture Surg	e Protection. 8" Slotted G	round Stake, 2 Gel-Filled	Wire Nuts, and Locknut.	48" of usable #18-2, SPT-	1W leads.	
	Riser Stems AZT/BKT (1 Adjustable 15570 . Stem	1/2"): 6" 15645 , 12" 15656 , 1 Coupler 15649 .	18" 15657 , 24" 15658 . <i>CBR:</i> Mounting Base 15 Bracket 15516 . Gutter M		493 . Elbow 15514 . Two Fix 1 ount 15489 .	xture "T" 15515 .	
Optional Accessories	CBR (1/2"): 3" 15509 , 6"	15510 , 12" 15511 , 18" 15512	2 , 24" 15513 . <i>Stakes</i> : 14" Stake 15576 .		6 . Power Post 15276 .		
Accessories		AZT/BKT: Surface Flange 1 ow 15647 . Gutter Mount 15		Lenses: Amber 15875AN	/IB. Cowl: Long Cowl 1607	76	



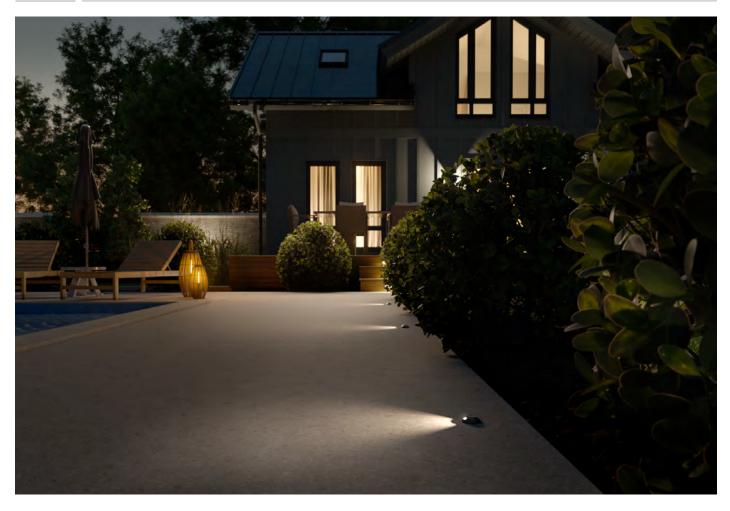








Name	100 Lumen LED Mini A	All-Purpose Recessed	200 Lumen LED Mini All-Purpose Recessed		
SKU# Finish	16140CBR27 16140BKB27 16140SS27	16140CBR30 16140BKB30 16140SS30	16141CBR27 16141BKB27 16141SS27	16141CBR30 16141BKB30 16141SS30	
Watt/VA	2W/	3.5VA	3.5W/5	5.5VA	
Kelvin, Lumens & Efficacy	2700K, 100 lm, 50 lm/W 3000K, 100 lm, 50 lm/W		2700K, 200 lm, 57 lm/W	3000K, 200 lm, 57 lm/W	
Dimensions	2.25"W x 2.25"H		2.25"W x 2.25"H		
Included Accessories			lled Wire Nuts, PVC Sleeve, and Spring " Schedule 40 or 80 PVC. 18 AWG, SJT-		
Beam Angle	20°, 40° (factory installed), and 75° C	optics			
Optional Accessories					

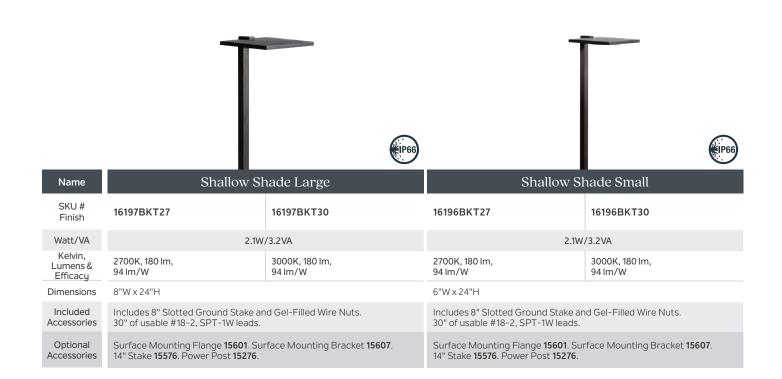








Name	Aimed Bollard		Round Bollard Tall		Round Bollard Short	
SKU # Finish	16263AZT27 16263BKT27	16263AZT30 16263BKT30	16265AZT27 16265BKT27	16265AZT30 16265BKT30	16264AZT27 16264BKT27	16264AZT30 16264BKT30
Watt/VA	5W/6.7VA		2.75W	//3.9VA	2.75W	//3.9VA
Kelvin, Lumens & Efficacy	2700K, 135 lm, 27 lm/W	3000K, 135 lm, 27 lm/W	2700K, 150 lm, 54 lm/W	3000K, 150 lm, 54 lm/W	2700K, 150 lm, 54 lm/W	3000K, 150 lm, 54 lm/W
Dimensions	4.6"W x 3.4"L x 25.4"H		3"Dia. x 24"H		3"Dia. x 15.2"H	
Included Accessories	Light source articulates 45° forward or backward. Includes 14" Slotted Ground Stake and Gel-Filled Wire Nuts. 30" of usable #18-2, SPT-1W leads.		Includes 8" Slotted Gro Gel-Filled Wire Nuts. 30 SPT-1W leads.		Includes 8" Slotted Gro Gel-Filled Wire Nuts. 30 SPT-1W leads.	
Optional Accessories	Surface Mounting Flange 15601 . Surface Mounting Bracket 15607 . Power Post 15276 .		Surface Mounting Flange 15601 . Surface Mounting Bracket 15607 . 14" Stake 15576 . Power Post 15276 .		Surface Mounting Flan Mounting Bracket 1560 Power Post 15276.	









Name	Fundame	ntals [™] LED	Fundame	ntals [™] LED	Traditional	Dome LED
SKU# Finish	15839CO27R		16120AZT27 16120AZT30 16120BKT27 16120BKT30 16120CBR27 16120CBR30		15878CBR27	15878CBR30
Watt/VA	3W/	4.5VA	3W/	4.5VA	3W/	4.5VA
Kelvin, Lumens & Efficacy	2700K, 250 lm, 83 lm/W		2700K, 250 lm, 83 lm/W	3000K, 250 lm, 83 lm/W	2700K, 250 lm, 83 lm/W	3000K, 250 lm, 83 lm/W
Dimensions	6"W x 21.5"H		6"W x 21"H		6.75"W x 22.75"H	
Included Accessories	Includes 8" Slotted Ground Stake and Gel-Filled Wire Nuts. 30" of usable #18-2, SPT-1W leads.		Includes 8" Slotted Ground Stake and Gel-Filled Wire Nuts. 30" of usable #18-2, SPT-1W leads.		Includes 8" Slotted Ground Stake and Gel-Filled Wire Nuts. 30" of usable #18-2, SPT-1W leads.	
Optional Accessories		ounting Bracket 15607 . 14" Stake 15576 .		ge 15601 . Surface 17 . 14" Stake 15576 .	Surface Mounting Flan Mounting Bracket 1560 Power Post 15276.	







				4.5		
Name	Stepped I	Dome LED	Short Steppe	ed Dome LED	d Dome LED 8" Dome	
SKU # Finish	15820BKT27 15820AZT27 15820CBR27 15820CO27	15820BKT30 15820AZT 15820CBR30	15821BKT27 15821BKT30 15821AZT27 15821AZT 15821CBR27 15821CBR30		15810AZT27R 15810BKT27R 15810CBR27	15810AZT30R 15810BKT30R 15810CBR30
Watt/VA	2W/3VA		2W	7/3VA	3W/4.5VA	
Kelvin, Lumens & Efficacy	2700K, 160 lm, 80 lm/W	3000K, 160 lm, 80 lm/W	2700K, 160 lm, 80 lm/W	3000K, 160 lm, 80 lm/W	2700K, 250 lm, 83 lm/W	3000K, 250 lm, 83 lm/W
Dimensions	6.25"W x 23.25"H		6.25"W x 15.75"H		8.25"W x 22"H	
Included Accessories	Includes 8" Slotted Ground Stake and Gel-Filled Wire Nuts. 20" of usable #18-2, SPT-1W leads.		Includes 8" Slotted Ground Stake and Gel-Filled Wire Nuts. 30" of usable #18-2, SPT-1W leads.		Includes 8" Slotted Ground Stake and Gel-Filled Wire Nuts. 30" of usable #18-2, SPT-1W leads.	
Optional Accessories	Surface Mounting Flan Mounting Bracket 1560 Power Post 15276.		Surface Mounting Flan Mounting Bracket 1560 Power Post 15276.		Surface Mounting Flan Mounting Bracket 1560 Power Post 15276.	







Name	8" Short Dome LED		6" Dome LED		Conical Center Mount LED	
SKU # Finish	15811AZT27R	15811AZT30R	15870AZT27R 15870BKT27R	15870AZT30R 15870BKT30R	15826AZT27R 15826BKT27R	15826AZT30R 15826BKT30R
Watt/VA	3W/4.5VA		3W/	4.5VA	3W/	4.5VA
Kelvin, Lumens & Efficacy	2700K, 250 lm, 83 lm/W	3000K, 250 lm, 83 lm/W	2700K, 250 lm, 83 lm/W	3000K, 250 lm, 83 lm/W	2700K, 250 lm, 83 lm/W	3000K, 250 lm, 83 lm/W
Dimensions	8.25"W x 16"H		6.25"W x 22"H		6"W x 22.25"H	
Included Accessories	Includes 8" Slotted Ground Stake and Gel-Filled Wire Nuts. 30" of usable #18-2, SPT-1W leads.		Includes 8" Slotted Ground Stake and Gel-Filled Wire Nuts. 30" of usable #18-2, SPT-1W leads.		Includes 8" Slotted Ground Stake and Gel-Filled Wire Nuts. 50" of usable #18-2, SPT-1W leads.	
Optional Accessories	Surface Mounting Flange 15601. Surface Mounting Bracket 15607. 14" Stake 15576. Power Post 15276.		Surface Mounting Flange 15601. Surface Mounting Bracket 15607. 14" Stake 15576. Power Post 15276.		Surface Mounting Flan Mounting Bracket 1560 Power Post 15276.	









Name	Round Tiered LED		Pyramid LED		Forged LED	
SKU# Finish	16124AGZ27 16124BKT27	16124AGZ30 16124BKT30	15802TZT27R	15802TZT30R	15803AZT27R 15803BKT27R	15803AZT30R
Watt/VA	2W/3VA		2W	7/3VA	2W	//3VA
Kelvin, Lumens & Efficacy	2700K, 160 lm, 80 lm/W	3000K, 160 lm, 80 lm/W	2700K, 160 lm, 80 lm/W	3000K, 160 lm, 80 lm/W	2700K, 160 lm, 80 lm/W	3000K, 160 lm, 80 lm/W
Dimensions	8"W x 21"H		8"W x 27"H		8"W x 26.5"H	
Included Accessories	Features a decorative light-leak pattern. Includes 8" Slotted Ground Stake. 30" of usable #18-2, SPT-1W leads.		Has a square stem. Includes 8" Slotted Ground Stake and Gel-Filled Wire Nuts. 30" of usable #18-2, SPT-1W leads.		Has a square stem. Includes 8" Slotted Ground Stake and Gel-Filled Wire Nuts. 24" of usable #18-2, SPT-1W leads.	
Optional Accessories	Surface Mounting Flange 15601 . Surface Mounting Bracket 15607 . 14" Stake 15576 . Power Post 15276 .		Surface Mounting Flange 15601 . Surface Mounting Bracket 15607 . 14" Stake 15576 . Power Post 15276 .		Surface Mounting Flange 15601 . Surface Mounting Bracket 15607 . 14" Stake 15576 . Power Post 15276 .	

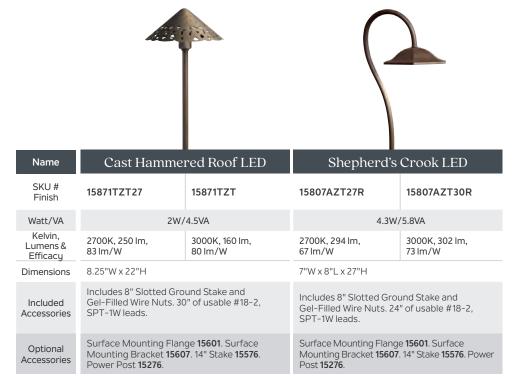






Name	Ripley	[™] LED	Copper	Hat LED	Pierced I	Dome LED	
SKU # Finish	15800BKT27R 15800AZT27R 15800CBR27	15800BKT30R 15800AZT30R 15800CBR30		15850CO30R	15857BKT27R 15857AZT27R	15857BKT30R 15857AZT30R	
Watt/VA	4.3W	4.3W/5.8VA		3W/4.5VA		2W/3VA	
Kelvin, Lumens & Efficacy	2700K, 294 lm, 67 lm/W	3000K, 302 lm, 73 lm/W		3000K, 250 lm, 83 lm/W	2700K, 160 lm, 80 lm/W	3000K, 160 lm, 80 lm/W	
Dimensions	7.25"W x 25.5"H		6"W x 21.5"H		6.25"W x 22.88"H		
Included Accessories	Has a square stem. Includes 8" Slotted Ground Stake and Gel-Filled Wire Nuts. 24" of usable #18-2, SPT-1W leads.		Includes 8" Slotted Gro Gel-Filled Wire Nuts. 30 SPT-1W leads.		Includes 8" Slotted Gro Gel-Filled Wire Nuts. 30 SPT-1W leads.		
Optional Accessories	Surface Mounting Flange 15601 . Surface Mounting Bracket 15607 . 14" Stake 15576 . Power Post 15276 .		Surface Mounting Flan Mounting Bracket 1560 Power Post 15276.		Surface Mounting Flan Mounting Bracket 1560 Power Post 15276.		













Name	Fundamentals [™] LED		Conical Mini LED		Half Moon LED Deck Light	
SKU# Finish	16110AZT27 16110BKT27 16110CO27	16110AZT30 16110BKT30	15765AZ1Z/R 15765AZ130R 15765BKT27R 15765BKT30R 15765WHT27P 15765WHT30P		15764AZT27R 15764BKT27R 15764CBR27 15764WHT27R	15764AZT30R 15764BKT30R 15764CBR30 15764WHT30R
Watt/VA	0.86W/1.86VA		0.86W/1.86VA		0.86W/1.86VA	
Kelvin, Lumens & Efficacy	2700K, 41 lm	3000K, 43 lm	2700K, 41 lm, 50 lm/W	3000K, 43 lm, 51 lm/W	2700K, 41 lm, 50 lm/W	3000K, 43 lm, 51 lm/W
Dimensions	3.25"W x 2"D x 2.5"H		3.75"W x 2.25"D x 2.25"H		4"W x 4"D x 2"H	
Included Accessories	Includes Gel-Filled Wire Nuts.		Includes Gel-Filled Wire Nuts. 72" of usable #18-2, SPT-1W leads, plus stainless steel Mounting Bracket and Hardware. White finish has coordinating white color leads.		Includes Gel-Filled Wire #18-2, SPT-1W leads, p Mounting Bracket and has coordinating white	lus stainless steel Hardware. White finish











Name	Four Corners LED		Louvered Surface Mount Step Light LED		Contemporary Step Li	Surface Mount ght LED
SKU # Finish	16111AZT27 16111BKT27	16111AZT30 16111BKT30	16171AZT27 16171BKT27 16171CBR27	16171AZT30 16171BKT30 16171CBR30	16172AZT27 16172BKT27 16172CBR27	16172AZT30 16172BKT30 16172CBR30
Watt/VA	0.86W/1.86VA		0.82W/1.45VA		0.82W/1.45VA	
Kelvin, Lumens & Efficacy	2700K, 41 lm	3000K, 43 lm	2700K, 7 lm, 8 lm/W	3000K, 7 lm, 8 lm/W	2700K, 17 lm, 20 lm/W	3000K, 17 lm, 20 lm/W
Dimensions	3.25"W x 1.4"D x 2.25"H		0.75"W x 6"L x 3"H		0.75"W x 6.2"L x 2.6"H	
Included Accessories	Includes Gel-Filled Wire Nuts.		2000-Volt Fixture Surg Diffuser, Mounting Har Template, and Wire Co 18 AWG 105 C, 300V, SP	dware, Mounting nnectors. 84" of usable	2000-Volt Fixture Surg Diffuser, Mounting Har Template, and Wire Cor 18 AWG 105 C, 300V, SP	dware, Mounting nnectors. 84" of usable



Name	Louvered Brick Light LED		
SKU # Finish	15773AZT27R	15773AZT30R	
Watt/VA	1.72W/3.72VA		
Kelvin, Lumens & Efficacy	2700K, 82 lm, 100 lm/W	3000K, 86 lm, 102 lm/W	
Dimensions	9.5"L x 4"H		
Included Accessories	Includes Gel-Filled Wire Nuts. Included stainless steel Mounting Hardware and Junction Box. Wire connection must be made inside fixture.		





GENERAL FIXTURE SPACING GUIDELINE

SKU#	16100 (3.5")	16101 (6")	16102 (12")	16103 (18")
Mounting Height		Recommended Spacing (ce	enter-to-center of fixtures)	
6" - 18"	3'-4'	4'-5'	-	-
18" - 24"	3'-4'	4'-5'	6'-8'	-
24" - 36"	-	4'-6'	6'-8'	6'-8'
36" - 48"	-	4'-6'	6'-8'	6'-8'
48" - 60"	-	-	6'-8'	6'-8'

Highlighted values are optimal selections for mounting height application.

Consider mounting height and potential to create glare if mounted too high and light source is directly visible.

Tip: Use centering notch on mounting bracket to aid in spacing layout during installation.









		•		_
Name	3.5" Hardscape LED		6" Hardscape LED	
SKU # Finish	16100AZT27 16100BKT27 16100CBR27 16100GRY27 16100SD27	16100AZT30 16100BKT30 16100CBR30 16100GRY30 16100SD30	16101AZT27 16101BKT27 16101CBR27 16101GRY27 16101SD27	16101AZT30 16101BKT30 16101CBR30 16101GRY30 16101SD30
Watt/VA	0.3W/0.5VA		0.9W/1.45VA	
Kelvin, Lumens & Efficacy	2700K, 10 lm, 33 lm/W	3000K, 10 lm, 33 lm/W	2700K, 40 lm, 45 lm/W	3000K, 40 lm, 48 lm/W
Dimensions	3"W x 3.5"L x 0.75"H		3"W x 6"L x 0.75"H	
Included Accessories	2000-Volt Fixture Surge Protection. On or off, customizable 3" deep mounting bracket with breakaway corner tabs. Adjustable fixture can pivot 180° for direct to surface install and pivot 270° when installed with mounting bracket. 304 Stainless Steel Masonry Bracket, Off-bracket Mounting Kit, and 2 Gel-Filled Wire Nuts. 84" of usable 18 AWG, 105 C, 300V, SPT-1W leads.		2000-Volt Fixture Surge Protection mounting bracket with breakaway of can pivot 180° for direct to surface in installed with mounting bracket. 30- Bracket, Off-bracket Mounting Kit, 84" of usable 18 AWG, 105 C, 300V, S	corner tabs. Adjustable fixture nstall and pivot 270° when 4 Stainless Steel Masonry and 2 Gel-Filled Wire Nuts.





		Θ		
Name	12" Hardscape LED		18" Hards	cape LED
SKU # Finish	16102AZT27 16102BKT27 16102CBR27 16102GRY27 16102SD27	16102AZT30 16102BKT30 16102CBR30 16102GRY30 16102SD30	16103AZT27 16103BKT27 16103CBR27 16103GRY27 16103SD27	16103AZT30 16103BKT30 16103CBR30 16103GRY30 16103SD30
Watt/VA	1.9W/2.8VA		2.7W/4.3VA	
Kelvin, Lumens & Efficacy	2700K, 85 lm, 44 lm/W	3000K, 85 lm, 44 lm/W	2700K, 125 lm, 40 lm/W	3000K, 125 lm, 40 lm/W
Dimensions	3"W x 12"L x 0.75"H		3"W x 18"L x 0.75"H	
Included Accessories	2000-Volt Fixture Surge Protection. On or off, customizable 3" deep mounting bracket with breakaway corner tabs. Adjustable fixture can pivot 180° for direct to surface install and pivot 270° when installed with mounting bracket. 304 Stainless Steel Masonry Bracket, Off-bracket Mounting Kit, and 2 Gel-Filled Wire Nuts. 84" of usable 18 AWG, 105 C, 300V, SPT-1W leads.		2000-Volt Fixture Surge Protection mounting bracket with breakaway of pivot 180° for direct to surface instal mounting bracket. 304 Stainless Sta Mounting Kit, and 2 Gel-Filled Wire 300V, SPT-1W leads.	corner tabs. Adjustable fixture can Il and pivot 270° when installed with eel Masonry Bracket, Off-bracket

Low-Voltage Transformers





Name	Pro Series		
SKU# Finish	15PR100SS 15PR200SS 15PR300SS	15PR600SS 15PR900SS 15PR1200SS	15PR75SS
Wattage	100W - 1200W		75W
Dimensions	100W-300W: 5.5"W x 5.75"D x 19"H 600W: 6.5"W x 6"D x 19"H	900W: 6.5"W x 6"D x 19" H 1200W: 8"W x 7.25"D x 19"H	5.25"W x 5.75"D x 16.25"H
Output Voltage Taps	All 15 Volt Taps, (2) Commons	12/13/14/15 Voltage Taps	15 Volt Tap
Optional Accessories	Smart Control Timer 16085BK, Mechanical Timer 15557BK, Digital Timer 15556WH, Plug-In Photocell 15565BK, Remote Photocell 15534BK.		





Name	Contractor Series		
SKU# Finish	15CS150SS 15CS300SS 15CS600SS	15CS75SS	
Wattage	150W - 600W	75W	
Dimensions	150W, 300W: 5.65"W x 5.84"D x 13.04"H 600W: 6.73"W x 6.2"D x 14.2"H	3.75"W x 4.6"D x 8.2"H	
Output Voltage Taps	12/13/14/15 Voltage Taps	12/15 Voltage Taps. Integrated timer and photocell outlet.	
Optional Accessories	Smart Control Timer 16085BK , Mechanical Timer 15557BK , Digital Timer 15556WH , Plug-In Photocell 15565BK , Remote Photocell 15534BK .		





Name	Plus Series			
SKU# Finish	15PL100AZT 15PL300AZT 15PL200AZT 15PL600AZT		15PL75AZT	
Wattage	100W - 600W		75W	
Dimensions	100W-300W: 5.5"W x 5.75"D x 19"H 600W: 6.5"W x 6"D x 19"H		5.25"W x 5.75"D x 16.25"H	
Output Voltage Taps	12/13/14/15	Voltage Taps	15 Volt Tap	
Optional Accessories	Smart Control Timer 16085BK, Mechanical Timer 15557BK, Digital Timer 15556WH, Plug-In Photocell 15565BK, Remote Photocell 15534BK.			

Low-Voltage Transformers







Name	Manual Series	Standard Series	In-Ground Series
SKU # Finish	15M100AZT 15M200AZT 15M300AZT	15E60BK 15E120BK	15IGT100 (AZT finish) 15IGT300 (AZT finish)
Wattage	100W - 300W	60W	100W - 300W
Dimensions	100W: 3"W x 3.25"D x 8"H 200W: 4"W x 3.5"D x 13.25"H 300W: 4"W x 4.5"D x 13.5"H	3.6"W x 3.96"D x 6.63"L	9.59"W x 13.05"H
Output Voltage Taps	100W-200W: 12 Volt Taps 300W: 12/13/15 Voltage Taps	12.5 Volt Taps	12/13/14/15 Voltage Taps
Optional Accessories			Concrete Installation Kit 15608AZ .



Name	Smart Control Transformer		
SKU # Finish	15SCT300SS		
Wattage	300W		
Dimensions	7.4"W x 6"D x 13.78"H		
Output Voltage Taps	(3) 15 Volt Taps		
Notes	Offers you the flexibility to design and schedule up to three separate lighting zones, so your customers can customize and control the areas they want to illuminate, all with the Kichler Connects" app.		



Transformer Accessories







Name	Smart Control Timer	Transformer Mechanical Timer	Transformer Digital Timer
SKU # Finish	16085BK	15557BK	15556WH
Notes	Plugs into the transformer and wirelessly controls lighting with the Kichler Connects app. Compatible with most transformers. Includes External Antenna and Nylon Knock-out Gasket.	Plug-in timer suitable for outdoor temperatures when enclosed in an outdoor transformer enclosure.	Battery backup included. Straight-forward programming and easy daylight savings change over. Compatible with most transformers.
Dimensions	2.27"W x 2.25"L x 3.94"H	2.75"W x 3"L x 3"H	2"W x 2.75"L x 4.5"H





Name	Transformer Plug-in Photocell	Transformer Remote Plug-in Photocell
SKU # Finish	15565BK	15534BK
Notes	Plug-in photocell is for use with all Professional Series, Contractor Series and Plus Series transformers.	Plug-in photocell with 10' cord for use with all Professional Series, Contractor Series and Plus Series transformers.
Dimensions	3"H	1"W x 120"L x 6"H



KICHLER.	SMART			PROF	PROFESSIO	ONAL			0	ONTR	CONTRACTOR	o ₄			PLUS			Σ	MANUAL		STANDARD	ARD
Low-Voltage Transformers	15SCT300SS	15PR75SS	15PR100SS	15PR200SS	15PR300SS	15PR600SS	15PR900SS	15PR1200SS	15CS75SS	15CS150SS	15CS300SS	15CS600SS	15PL75AZT	15PL100AZT	15PL200AZT	15PL300AZT	15PL600AZT	15M100AZT	15M200AZT	15M300AZT	15E60BK	15E120BK
	300	75	100	200	300	600	900	1200	75	150	300	600	75	100	200	300	600	100	200	300	60	120
	Yes	<u>8</u>	<u>0</u>	8	0 Z	<u>0</u>	2	2	2	2	o Z	ĝ	2	o Z	Š.	2	2	2	2	2	o Z	
Photo Cell Receptacle	2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	o Ž	Builtin	.⊑
	ln app	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Built in Timer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	2	Built in Timer	Timer
Taps & Terminal Block Configurations	(3) 15V easy connect taps	15V easy connect tap	easy cor	(2) 15V easy connect angled taps	ledtaps	12 easy	12, 13, 14, 15V easy connect taps	.V taps	12,15V screw type taps	12 easy	12, 13, 14, 15V easy connect taps		15V easy connect tap		12, 13, 14, 15V easy connect taps	14, 15V nect taps		12V screw type tap	12V easy . connect tap	12V easy 15V easy connect connect tap	12.5V screwtypetaps	V be taps
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Thermal Cut Off Primary	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	беW	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Therm	Therm	Mag	Therm	Therm
	Toroid	Toroid	Ë	Щ ::	Н	E.I. & Toroid	Toroid	Toroid	Toroid	Toroid	Toroid	Toroid	Toroid	і	шi	ä	Ë	ii	ii	ii	ij	긆
	6'3-wire #18-35JTW		6'3-wire #18-3 SJTW	18-3 SJTN	>	6'3- #16-3	6'3-wire #16-3SJTW	6'3-wire #14-GA SJTW		3-wire #	6'3-wire #18-3 SJTW	>	9	3-wire #	6'3-wire # 18-3 SJTW		6'3-wire #16-3 SJTW		6'3-wire#18-3SJTW	WTCS	6'2-wire #18-2SJTW	vire SJTW
	#304 Stainless Steel			#304	#304 Stainless Steel	Steel			746	#304 Stair	#304 Stainless Steel		¥	extured A Pc	rchitectui wder Coa	Textured Architectural Bronze Powder Coat	4)	Texture	Textured Architectural Bronze Powder Coat	ectural Coat	Composite	osite

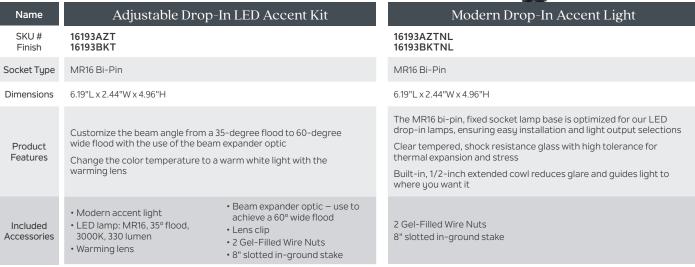
Mounting hardware included with all models, 600W, 900W and 1200W Transformer models are manufactured in intervals of 300W (VA) circuits. National Electric Code and Underwriters Laboratories require that wiring, where concealed or extended through a building wall, must be enclosed in conduit. All transformers 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. For warranty information visit Kichler com/warranty.



Adjustable Kits







Name	Adjustable Drop-In LED Path Light Kit
SKU # Finish	16195AZT 16195BKT
Socket Type	T3 Bi-Pin
Dimensions	6.3"W x 21.25"H
Product Features	Change the color temperature to a warm white light with the warming lens Custom white reflective paint ensures even distribution of light spread
Included Accessories	Modern path light LED lamp: T3 Bi-Pin, 300° omni-directional flood, 3000K, 180 lumen Warming dome Clear dome



Adjustable Drop-In LED Flood Kit

16194AZT 16194BKT	
MR16 Bi-Pin	
3.4"L x 3.75"W x 5.28"H	
Change the color temperature to warming lens	a warm white light with the
Built-in extended cowl reduces glawant it	are and guides light to where you
Modern flood light LED lamp: MR16, 330 lumen, 100°, 3000K Warming lens	• 2 Gel-Filled Wire Nuts • 8" slotted in-ground stake

Accent





Name	6" Mir	ni MR16	Long Cowl MR16
SKU # Finish	15384AZT 15384AZT24 15384BKB	15384BKT 15384BKT24 15384CBR	15484AZT
Socket Type	MR16 Bi-Pin		MR16 Bi-Pin
Dimensions	2.5"W x 6"L x 3.66"H		2.5"W x 10"L x 4"H
Included Accessories	Includes 8" Slotted Ground Stake, I 35" of usable #18-2, SPT-1W leads.	ocknut, and Gel-Filled Wire Nuts.	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 35" of usable #18-2, SPT-1W leads.
Optional	Riser Stems AZT/BKT (1/2"): 6" 1564 Adjustable 15570 . Stem Coupler 15 (CBR (1/2"): 3" 15509 , 6" 15510 , 12" 1 :	549.	CBR: Mounting Base 15493. Elbow 15514. Two Fixture "T" 15515. Bracket 15516. Tree Mount 15609. Gutter Mount 15489. Lens: Hexcell Louver Shield 15679BK (for use with 15384 and 15484).
Accessories	Mounting Accessories AZT/BKT: Su Tree Mount 15609. Elbow 15647. Gu	rface Flange 15601 . Bracket 15607 .	Stakes: 8" 15575BK. 14" 15576BK. Power Post 15276BK.





Name	7.25" MR16	7.5" Mini MR16	5" Brass MR16
SKU # Finish	15309AZT 15309BKT	15374AZT 15374BKT	15475BKB 15475CBR
Socket Type	MR16 Bi-Pin	MR16 Bi-Pin, spring-loaded socket	MR16 Bi-Pin, spring-loaded socket
Dimensions	3"W x 7.25"L x 3.25"H	3"W x 7.5"L x 3"H	2.25"Dia. x 5.25"L
Included Accessories	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 51" of usable #18-2, SPT-1W leads.	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 31" of usable #18-2, SPT-1W leads.	Includes 8" Slotted Ground Stake, Locknut, Gel-Filled Wire Nuts, and Cowl with Convex Lens. 30" of usable #18-2, SPT-1W leads. Not recommended for down light applications.
Optional Accessories	Riser Stems AZT/BKT (1/2"): 6" 15645, 12" 15656, 18" 15657, 24" 15658. Adjustable 15570. Stem Coupler 15649. CBR (1/2"): 3" 15509, 6" 15510, 12" 15511, 18" 15512, 24" 15513. Mounting Accessories AZT/BKT: Surface Flange 15601. Bracket 15607. Tree Mount 15609. Elbow 15647. Gutter Mount 15489.	CBR: Mounting Base 15493. Elbow 15514. Two Fixture "T" 15515. Bracket 15516. Tree Mount 15609. Gutter Mount 15489. Stakes: 8" 15575BK. 14" 15576BK. Power Post 15276BK.	Riser Stems CBR (1/2"): 3" 15509, 6" 15510, 12" 15511, 18" 15512, 24" 15513. Mounting Accessories: Surface Flange 15601. Bracket 15607. Mounting Base 15493. Elbow 15514. Two Fixture "T" 15515. Bracket 15516. Tree Mount 15609. Gutter Mount 15489. Stakes: 8" 15575BK. 14" 15576BK. Power Post 15276BK. Locknut LK87CBR.









Name	
SKU# Finish	

15485CBR

15517BKB 15517CBR

15483BKB 15483CBR

Socket Tupe

MR16 Bi-Pin

MR16 Bi-Pin

MR8 Bi-Pin

Dimensions

2.5"W x 6"L x 2.5"H

2.5"W x 10.25"L x 3"H

1.5"W x 5"L x 1.5"H

Included Accessories

Telescoping cowl allows for in-field beam adjustment. Includes 8" Slotted Ground Stake, Locknut, and has flat glass. Gel-Filled Wire Nuts not included. 30" of usable #18-2, SPT-1W leads.

Fixed Socket Adjustable

Cowl MR16

Includes 8" Slotted Ground Stake, Locknut. and has convex glass. Gel-Filled Wire Nuts not included. 30" of usable #18-2, SPT-1W leads.

Cowl allows for in-field beam adjustment by adjusting cowl up or down. Includes 8" Slotted Ground Stake and Locknut. Gel-Filled Wire Nuts not included. 30" of usable #18-2, SPT-1W leads.

Optional Accessories

Riser Stems CBR (1/2"): 3" 15509, 6" 15510, 12" **15511**, 18" **15512**, 24" **15513**. Mounting Accessories: Surface Flange 15601. Bracket 15607. Mounting Base 15493. Elbow 15514. Two Fixture "T" 15515. Bracket 15516. Tree Mount 15609. Gutter Mount 15489. Stakes: 8" 15575BK. 14" 15576BK. Power Post 15276RK

Riser Stems CBR (1/2"): 3" 15509, 6" 15510, 12" 15511, 18" 15512, 24" 15513.

Mounting Accessories: Surface Flange 15601. Bracket 15607. Mounting Base 15493. Elbow 15514. Two Fixture "T" 15515. Bracket 15516. Tree Mount 15609. Gutter Mount 15489. Stakes: 8" 15575BK. 14" 15576BK. Power Post 15276BK

Riser Stems CBR (1/2"): 3" 15509, 6" 15510, 12" **15511**, 18" **15512**, 24" **15513**. Mounting Accessories: Surface Flange 15601.

Bracket 15607. Mounting Base 15493. Elbow 15514. Two Fixture "T" 15515. Bracket 15516. Tree Mount 15609. Gutter Mount 15489. Stakes: 8" 15575BK. 14" 15576BK. Power Post 15276BK







Name
SKU#

15484BKB

15398A7T

Brass Uplight PAR36

Finish Socket Type

15484CBR MR11 Bi-Pin

MR11 Bi-Pin

Par36 Screw Terminal 4.5"W x 7.25"L x 5.75"H

15487CBR

Dimensions

1.67"W x 5.7"L x 2.3"H

2"W x 5"L x 5"H

Includes 8" Slotted Ground Stake, Locknut,

Included Accessories

Cowl allows for in-field beam adjustment by adjusting cowl up or down. Includes 8" Slotted Ground Stake and Locknut. Gel-Filled Wire Nuts not included. 30" of usable #18-2, SPT-1W leads.

Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 36" of usable #18-2, SPT-1W leads.

and Gel-Filled Wire Nuts. 30" of usable #18-2, SPT-1W leads.

Optional Accessories Riser Stems CBR (1/2"): 3" 15509, 6" 15510, 12" **15511**, 18" **15512**, 24" **15513**. Mounting Accessories: Surface Flange 15601. Bracket 15607. Mounting Base 15493. Elbow 15514. Two Fixture "T" 15515. Bracket 15516. Tree Mount 15609. Gutter Mount 15489 Lenses: Hexcell Louver Shield 15679BK. Stakes: 8" **15575BK**. 14" **15576BK**. Power Post 15276BK.

Riser Stems AZT/BKT (1/2"): 6" 15645, 12" 15656, 18" 15657, 24" 15658. Adjustable 15570. Stem Coupler 15649.

Mounting Accessories AZT/BKT: Surface Flange 15601. Bracket 15607. Tree Mount 15609. Elbow 15647. Gutter Mount 15489. CBR: Mounting Base 15493. Elbow 15514 Two Fixture "T" **15515**. Bracket **15516**. Tree Mount **15609**. Gutter Mount **15489**. Stakes: 8" 15575BK. 14" 15576BK. Power Post 15276BK

Riser Stems *CBR (1/2")*: 3" **15509**, 6" **15510**, 12" **15511**, 18" **15512**, 24" **15513**. Mounting Accessories: Surface Flange 15601. Bracket 15607. Mounting Base 15493. Elbow 15514. Two Fixture "T" 15515. Bracket 15516. Tree Mount 15609. Gutter Mount 15489. Stakes: 8" **15575BK**. 14" **15576BK**. Power Post 15276BK

Accent







				<u> </u>
Name	Mini V	Wall Wash	Large Wall Wash Dual Socket	Brass Downlight MR16
SKU # Finish	15476AZT 15476BKT	15476BKB 15476CBR	15786CBRD	15486CBR
Socket Type	T5 Wedge		MR16 Bi-Pin & T3/G4 Bi-Pin	MR16 Bi-Pin
Dimensions	4"W x 2.75"L x 3.75"H		5.25"W x 6.5"L x 6.25"H	2.25"W x 11.5"L x 3.25"H
Included Accessories	Wire Nuts, and Lockr	Ground Stake, 2 Gel-Filled nut, plus Clear and Frosted usable #18-2, SPT-1W	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 48" of usable #18-2, SPT-1W leads.	Includes Surface Mounting Bracket 15516CBR, Locknut, and Gel-Filled Wire Nuts. 30" of usable #18-2, SPT-1W leads.
Optional Accessories	18" 15657, 24" 15658. Coupler 15649. CBR 12" 15511, 18" 15512, 2 Mounting Accessorie 15601. Bracket 15607 15647. Gutter Mount Base 15493. Elbow 15 Bracket 15516. Tree M	T (1/2"): 6" 15645, 12" 15656, Adjustable 15570. Stem (1/2"): 3" 15509, 6" 15510, 4" 15513. 85 AZT/BKT: Surface Flange Tree Mount 15609. Elbow 15489. CBR: Mounting 1514. Two Fixture "T" 15515. Mount 15609. Gutter Mount 75BK. 14" 15576BK. Power	Riser Stems <i>CBR</i> (1/2"): 3" 15509 , 6" 15510 , 12" 15511 , 18" 15512 , 24" 15513 . <i>Mounting Accessories</i> : Surface Flange 15601 . Bracket 15607 . Mounting Base 15493 . Elbow 15514 . Two Fixture "T" 15515 . Bracket 15516 . Tree Mount 15609 . Gutter Mount 15489 . <i>Stakes</i> : 8" 15575BK . 14" 15576BK . Power Post 15276BK .	Mounting Accessories: Surface Flange 15601. Bracket 15607. Mounting Base 15493. Elbow 15514. Two Fixture "T" 15515. Bracket 15516. Tree Mount 15609. Gutter Mount 15489.

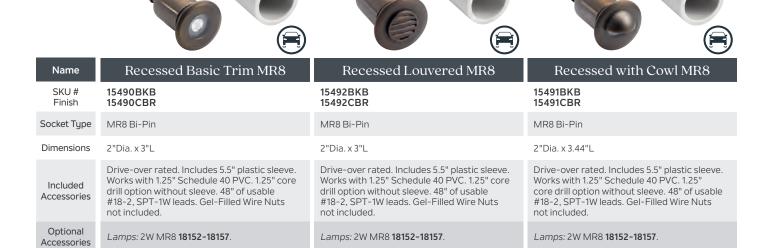






Name	Mini Downlight MR16	Mini Downlight MR16	Long Cowl Mini Downlight MR16
SKU # Finish	15087AZT	15093WHT	15494AZT 15494CBR
Socket Type	MR16 Bi-Pin	MR16 Bi-Pin	MR16 Bi-Pin
Dimensions	2.5"W x 4"H	2.5"W x 3.75"H	2.5"W x 10"L x 3.75"H
Included Accessories	For downlight use only. Includes Surface Mounting Bracket 15607, Locknut, and Gel-Filled Wire Nuts. 35" of usable #18-2, SPT-1W leads.	For downlight use only. Includes White Surface Mounting Bracket 15607, Hardware, Locknut, and Gel-Filled Wire Nuts. 35" of usable #18-2, SPT-1W leads.	Includes Junction Box Mounting Bracket 15609 and Locknut. 35" of usable #18-2, SPT-1W leads.
Optional Accessories	Mounting Accessories AZT/BKT: Surface Flange 15601. Bracket 15607. Tree Mount 15609. Elbow 15647. Gutter Mount 15489. Locknut LK87CBR.	Mounting Accessories: Surface Flange 15601. Bracket 15607. Tree Mount 15609. Elbow 15647. Gutter Mount 15489.	Mounting Accessories: Surface Flange 15601. Bracket 15607. Elbow 15647. Gutter Mount 15489.





In-Ground







Name	In-Ground with Brass Trim	In-Ground with Brass Beacon	In-Ground with Brass Rock Guard
SKU # Finish	15495BKB 15495CBR	15498CBR	15497BKB 15497CBR
Socket Type	MR16 Bi-Pin	MR16 Bi-Pin	MR16 Bi-Pin
Dimensions	5"Dia. x 4.25"L x 5"H	5"Dia. x 4.25"L x 5"H	5"Dia. x 4.25"L x 5"H
Included Accessories	Includes composite installation sleeve. 48" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included.	5-way directional top. Includes composite installation sleeve. 48" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included.	Includes composite installation sleeve. 48" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included.
Optional Accessories	Lamps: 4W MR16 18126-18133 and 18210-18215, 5W MR16 18134-18141, 7W MR16 18142-18149 and 18216-18221.	Lamps: 4W MR16 18126-18133 and 18210-18215, 5W MR16 18134-18141, 7W MR16 18142-18149 and 18216-18221.	Lamps: 4W MR16 18126-18133 and 18210-18215, 5W MR16 18134-18141, 7W MR16 18142-18149 and 18216-18221.







Name	In-Ground with Brass Cowl	In-Ground with Brass Side Throw	Well Light with Rock Guard MR16
SKU # Finish	15496CBR	15499CBR	15789CBR
Socket Type	MR16 Bi-Pin	MR16 Bi-Pin	MR16 Bi-Pin
Dimensions	5"Dia. x 4.25"L x 5"H	5"Dia. x 4.25"L x 5"H	6.25"Dia. x 7.5"L x 6.25"H
Included Accessories	Includes composite installation sleeve. 48" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included.	Includes composite installation sleeve. 48" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included.	30" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included.
Optional Accessories	Lamps: 4W MR16 18126-18133 and 18210-18215, 5W MR16 18134-18141, 7W MR16 18142-18149 and 18216-18221.	Lamps: 4W MR16 18126-18133 and 18210-18215, 5W MR16 18134-18141, 7W MR16 18142-18149 and 18216-18221.	Lamps: 4W MR16 18126-18133 and 18210-18215, 5W MR16 18134-18141, 7W MR16 18142-18149 and 18216-18221.

In-Ground









Name	Well Light with Brass Trim PAR36	Well Light with Brass Rock Guard PAR36	Brass In-Ground MR16
SKU # Finish	15507BKB 15507CBR	15508BKB 15508CBR	15481CBR
Socket Type	PAR36 Screw Terminal	PAR36 Screw Terminal	MR16 Bi-Pin
Dimensions	5.5"Dia. x 5.5"L x 6.75"H	5.5"Dia. x 5.5"L x 6.75"H	4.75"Dia. x 4.75"L x 4.75"H
Included Accessories	Stainless steel lamp holder with 25-degree articulation. Includes composite installation sleeve. 48" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included.	Stainless steel lamp holder with 25-degree articulation. Includes composite installation sleeve. 48" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included.	Drive-over rated. Can be installed in new concrete pour. Includes Composite Installation Sleeve, plus Frosted Lens. 34" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included.
Optional Accessories	Lamps: 4W PAR36 18170-18171, 6W PAR36 18178-18181, 10W PAR36 18184-18189, 14W PAR36 18194-18197.	Lamps: 4W PAR36 18170-18171, 6W PAR36 18178-18181, 10W PAR36 18184-18189, 14W PAR36 18194-18197.	CBR Rock Guard with Clear Lens 15482. Lamps: 4W MR16 18126-18133 and 18210-18215, 5W MR16 18134-18141, 7W MR16 18142-18149 and 18216-18221.





Name	Well Light PAR36	Enclosed In-Ground PAR36
SKU # Finish	15088BK	15194AZ
Socket Type	PAR36 Screw Terminal	PAR36 Screw Terminal
Dimensions	5.5"W x 8"H	7"Dia. x 8.25"H
Included Accessories	Supply wire with lugs attach directly to PAR36 lamp screw terminals. Also includes Gel-Filled Wire Nuts. 42" of usable #18-2, SPT-1W leads.	Supply wire with lugs attach directly to PAR36 lamp screw terminals. Also includes Gel-Filled Wire Nuts. 34" of usable #18-2, SPT-1W leads.
Optional Accessories	Lens Cover 15689BK . Rock Guard 15690BK .	Rock Guard 15694AZ





Name	Two Arm		Right Angle	Textured Bollard
SKU # Finish	15844AZT 15844BKB	15844BKT 15844CBR	15846AZT 15846BKT	15848AZT 15848BKT
Socket Type	T5 Wedge		T5 Wedge	T5 Wedge
Dimensions	3"W x 6"L x 22"H		1.5"W x 5.75"L x 22"H	4"W x 5.5"L x 27"H
Included Accessories			Includes 8" Slotted Ground Stake, Locknut, and 2 Gel-Filled Wire Nuts. 48" of usable #18-2, SPT-1W leads. Lamp sold separately.	Includes 14" Slotted Ground Stake, Locknut, and 2 Gel-Filled Wire Nuts. 48" of usable #18-2, SPT-1W leads. Lamp sold separately.
Optional Accessories	Power Post Stake 152761 Flange 15601AZT/BKT (r to junction box). <i>Lamps</i> : 1.5W T5 18120-18121 and 18198-18199.	needed for attachment 2.3W T5 18204-18205 ,*	Power Post Stake 15276BK. Surface Mounting Flange 15601AZT/BKT (needed for attachment to junction box). <i>Lamps</i> : 2.3W T5 18204-18205,* 1.5W T5 18120-18121 and 18224-18225, 1W T5 18198-18199.	Power Post Stake 15276BK . Bollard Mounting Stake 15578BK . <i>Lamps</i> : 2.3W T5 18204-18205 ,* 1.5W T5 18120-18121 .













Name	Traditional Dome	Adjustable Height Small	Adjustable Height Large
SKU# Finish	15478AZT 15478BKT 15478BKB 15478CBR	15502CBR	15503CBR
Socket Type	T3/G4 Bi-Pin	T3/G4 Bi-Pin	T3/G4 Bi-Pin
Dimensions	6.75"W x 6.75"L x 21"H	4"W x 19.5"L x 36"H	8.75"W x 19.5"L x 36"H
Included Accessories	Includes 8" Slotted Ground Stake, Lockr and Gel-Filled Wire Nuts. 48" of usable # SPT-1W leads. Lamp sold separately.		. Includes 8" Slotted Ground Stake and Locknut. 48" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included. Lamp sold separately.
Optional Accessories	Surface Mounting Flange 15601AZT, BK 3" Round Mounting Base 15493CBR. 14" In-ground Support Stake 15576BK. Power Post 15276BK. Lamps: 2.3W T3/G4 18206-18207,* 2.3W 18206-18207.	CBR 3" Mounting Base 15493 . 14" Stake 15576BK . Power Post 15276BK . Lamps: 2.3W T3/G4 18206-18207 ,* 2.3W T3/G4	CBR 3" Mounting Base 15493 . 14" Stake 15576BK . Power Post 15276BK . <i>Lamps:</i> 2.3W T3/G4 18206-18207 ,* 2.3W T3/G4 18206-18207 .









Name	Conical Three Tier**	Glass & Metal	Galaxy
SKU # Finish	15005BKT 15005AZT	15317AZT	15318AZT
Socket Type	S8 Wedge	S8 Wedge	S8 Wedge
Dimensions	6"W x 9.5"H	7"W x 22"H	6"W x 23"H
Included Accessories	**Stem not included. Includes Gel-Filled Wire Nuts. 52" of usable #18-2, SPT-1W leads. Lamp sold separately.	Includes 8" Slotted Ground Stake, 18" Stem, Locknut, and Gel-Filled Wire Nuts. 35" of usable #18-2, SPT-1W leads. Lamp sold separately.	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 35" of usable #18-2, SPT-1W leads. Lamp sold separately.
Optional Accessories	Requires: Surface Mounting Flange 15601. Flange Mounting Nipple 15602AL. Surface Mounting Bracket 15607. Optional: 14" Stake 15576BK. Power Post 15276BK. Lamps: 2.3W S8 18202-18203*	Surface Mounting Flange 15601. Surface Mounting Bracket 15607. 14" Stake 15576BK. Power Post 15276BK. Lamps: 2.3W S8 18202-18203.*	Surface Mounting Flange 15601 . Surface Mounting Bracket 15607 . 14" Stake 15576BK . Power Post 15276BK . <i>Lamps:</i> 2.3W S8 18202-18203 .*







Name	Mica Mission	Adjustable Copper	Decorative Hammered Roof
SKU # Finish	15450TZT	15350CO	15443TZT
Socket Type	T5 Wedge	S8 Wedge	S8 Wedge
Dimensions	6"W x 22.5"H	6"W x 21.5"H	8"W x 22"H
Included Accessories	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 22" of usable #18-2, SPT-1W leads. Lamp sold separately.	Adjustable head. Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 21" of usable #18-2, SPT-1W leads. Lamp sold separately.	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 35" of usable #18-2, SPT-1W leads. Lamp sold separately.
Optional Accessories	Surface Mounting Flange 15601. Surface Mounting Bracket 15607. 14" Stake 15576BK. Power Post 15276BK. Lamps: 2.3W T5 18204-18205,* 1.5W T5 18224-18225.	Surface Mounting Flange 15601. Surface Mounting Bracket 15607. 14" Stake 15576BK. Power Post 15276BK. Lamps: 2.3W S8 18202-18203.*	Surface Mounting Flange 15601. Surface Mounting Bracket 15607. 14" Stake 15576BK. Power Post 15276BK. Lamps: 2.3W S8 18202-18203.*





Name	Cast Hammered Roof	Pierced Dome
SKU# Finish	15471TZT	15457AZT
Socket Type	S8 Wedge	T5 Wedge
Dimensions	8"W x 22"H	6.5"W x 21.5"H
Included Accessories	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 35" of usable #18-2, SPT-1W leads. Lamp sold separately.	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 24" of usable #18-2, SPT-1W leads. Lamp sold separately.
Optional Accessories	Surface Mounting Flange 15601. Surface Mounting Bracket 15607. 14" Stake 15576BK. Power Post 15276BK. Lamps: 2.3W S8 18202-18203.*	Surface Mounting Flange 15601 . Surface Mounting Bracket 15607 . 14" Stake 15576BK . Power Post 15276BK . <i>Lamps</i> : 2.3W T5 18204-18205 ,* 1.5W T5 18224-18225 .





Name	Cotswold™	Cotswold [™] Lantern
SKU # Finish	15422AGZ	15420AGZ
Socket Type	T5 Wedge	T5 Wedge
Dimensions	8"W x 11"L x 26"H	6"W x 9"L x 25"H
Included Accessories	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 26" of usable #18-2, SPT-1W leads. Lamp sold separately.	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 28" of usable #18-2, SPT-1W leads. Lamp sold separately.
Optional Accessories	Surface Mounting Flange 15601. Surface Mounting Bracket 15607. 14" Stake 15576BK. Power Post 15276BK. Lamps: 2.3W T5 18204-18205.*	Surface Mounting Flange 15601 . Surface Mounting Bracket 15607 . 14" Stake 15576BK . Power Post 15276BK . <i>Lamps</i> : 2.3W T5 18204-18205 ,* 1.5W T5 18120-18121 .

Deck & Patio







Name	Conical Mini Deck Light	Louvered Down Deck Rail Light		Brass Deck Light
SKU # Finish	15065AZT 15065BKT	15066AZT 15066BKT	15066CBR 15066WHT	15477CBR
Socket Type	T5 Wedge	Mini Ceramic T5 Wedge		T5 Wedge
Dimensions	3.75"W x 2.25"L x 2.5"H	1.25"W x 1.25"L x 6"H		2"W x 3.5"L x 3.5"H
Included Accessories	72" of usable #18-2, SPT-1W leads.	Includes Stainless Steel Mounting Plate. 72" of usable #18-2, SPT-1W leads.		Includes (2) #8 Screws for mounting. 72" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included.
Optional Accessories	Lamps: 1.5W T5 18120-18121 and 18224-18225 , 1W T5 18198-18199 .	Lamps: 1W T5 18198-18199 .		Lamps: 1.5W T5 18120-18121 and 18224-18225 , 1W T5 18198-18199 .





Name	Half Moon Deck Light	Up & Do	wn Deck Light
SKU# Finish	15064AZT	15079AZT 15079BKT	15079CBR
Socket Type	T3/G4 Bi-Pin	Mini Ceramic T5 We	edge
Dimensions	4"W x 2"L x 4"H	2.25"W x 3.25"L x 6"	Н
Included Accessories	Includes Gel-Filled Wire Nuts. 72" of usable #18-2, SPT-1W leads.	Hardware. BKT & C	Steel Screws and Mounting BR includes Heat-Resistant 9AZT sold separately. , SPT-1W leads.
Optional Accessories	Lamps: 1W T3/G4 18200-18201 ,* 1.5W T3/G4 18222-18223 .	Lamps: 1W T5 18198 2.3W T5 18204-182	

Deck & Patio







Name	Small Downlight Sconce	Large Up & Down Sconce	Mini Louvered Step Light
SKU # Finish	15795BKB 15795CBR	15794BKB 15794CBR	15072AZT
Socket Type	MR16 Bi-Pin	MR16 Bi-Pin	T5 Wedge
Dimensions	2.5"W x 4.25"D x 5"H	2.5"W x 4.25"D x 7"H	5"W x 2.5"L x 3.5"H
Included Accessories	Includes Stainless Steel Screws and Mounting Hardware. 25' of usable #18-2, SPT-1W leads. Bracket size compatible with most pool cages, lanai, and screen room structures.	Includes Stainless Steel Screws and Mounting Hardware. 25' of usable #18-2, SPT-1W leads. Bracket size compatible with most pool cages, lanai, and screen room structures.	Includes Mounting Hardware and Junction Box.
Optional Accessories	Lamps: 4W MR16 18126-18133 and 18210-18215, 5W MR16 18134-18141, 7W MR16 18142-18149 and 18216-18221.	Lamps: 4W MR16 18126-18133 and 18210-18215, 5W MR16 18134-18141, 7W MR16 18142-18149 and 18216-18221.	Lamps: 2.3W T5 18204-18204 ;* 1.5W T5 18224-18225 .





Name	Solid Mini Pendant	Twinkler Mini Pendant
SKU # Finish	15500CBR	15501CBR
Socket Type	MR16 Bi-Pin	MR16 Bi-Pin
Dimensions	2.25"W x 4.25"L x 2.5"H	2.25"W x 5.75"L x 2.25"H
Included Accessories	Includes 72" of Brass Chain with Removable Links, Stainless Steel Screws, and Mounting Hardware. 48" of usable #18-2, SPT-1W leads.	Includes 72" of Brass Chain with Removable Links, Stainless Steel Screws, and Mounting Hardware. 48" of usable #18-2, SPT-1W leads.
Optional Accessories	Lamps: 4W MR16 18214-18215,* 2W MR8 18152-18157, 2.5W MR11 18162, 4W MR16 18126-18133 and 18210-18215, 5W MR16 18134-18141, 7W MR16 18142-18149 and 18216-18221, 1W T3/G4 18200-18201, 1W T5 18198-18199.	Lamps: 4W MR16 18214-18215,* 2W MR8 18152-18157, 2.5W MR11 18162, 4W MR16 18126-18133 and 18210-18215, 5W MR16 18134-18141, 7W MR16 18142-18149 and 18216-18221, 1W T3/G4 18200-18201, 1W T5 18198-18199.

Key Components When Choosing LED Lamps

We know that each landscape project is unique – an application may look better with a warmer color temperature versus a cooler one, or an area may need a tighter beam spread while others might need a larger one. To get the perfect design, you need to make sure you have the right fixture and the correct LED lamp before you get started. That is why it is important to consider the socket base, lamp type, beam angle, lumen level, and color temperature when selecting LED lamps for your project.



Beam Angle and Color Temperature Options

CHOOSE THE RIGHT BEAM ANGLE

- Use a 10-15° spot to light the trunk of a tree or highlight a column.
- One 35° flood light works well for a small deciduous tree or create a cross lighting effect using two 35° floods for a medium-sized tree.
- For wide tree canopies a 60° works best. Cross lighting can be achieved using two 60° floods on each opposing side of the tree.
- 180°-300° Omni-directional lamps are suitable for hanging lights, path & spread, deck, and wall wash fixtures - anywhere indirect light spread is desired.



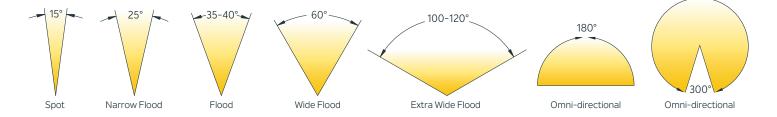
WARM WHITE - 2700K

- 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 gray
- Foliage that is blue or purple (ex: highlighting blue spruce trees)



Contractor Series LED Lamps

Our Contractor Series provides top LED lamp lighting styles and color temps at a professional performance value. These include:

- Popular LED lamp styles in 2700K and 3000K
- Compatible with all Kichler drop-in fixtures
- Consistent results: 9-15V operating range with no loss in light output
- 7-step binning for close color consistency
- CRI of 80+

Offering a 3-year warranty, the Contractor Series LED Lamps provide the flexibility of selecting from a simplified portfolio while still meeting your clients' landscaping needs and budget.

Professional Series LED Lamps

Our Professional Series is designed to last and offers the quality, variety, and design options you are looking for in a LED lamp. These include:

- Consistent results: 9-15V operating range with no loss in light output
- Custom TIR acrylic optics: superior control and light uniformity
- 4-step binning gives the most consistent color output from lamp to lamp
- High lumens per watt & total lumen output
- Fully encapsulated: protects internal components from the outdoor elements
- CRI of 85+

With a 6-year warranty and our widest selection, these lamps are designed to meet the unique landscape needs of your clients with top performance.

Contractor Series

LAMP	BASE/	WATTAGE	KELVIN/LUMENS		ORDERING INFO	
LAIVIP	LAMP TYPE	WATTAGE	(Im for Bare Lamps)	35° Flood	60° Wide Flood	100° Extra Wide Flood
	MR16 Damp Location	4W, 5.7VA Compares	2700K - 330 lm	18210	18212	18214
	D	to 20-35W Halogen	3000K - 330 lm	18211	18213	18215
	MR16 Damp Location	7W, 10VA Compares	2700K - 550 lm	18216	18218	18220
	D	to 50W Halogen	3000K - 550 lm	18217	18219	18221

OMNI-DIRECTIONAL LAMPS

LAMP	BASE/	WATTAGE	KELVIN/LUMENS	ORDERING INFO
	LAMP TYPE		(Im for Bare Lamps)	300° Omni-Directional Flood Beam
	T3/G4 Bi-Pin* Wet Location	1.5W, 2.4VA	2700K - 180 lm	18222
	W	Compares to 20W Halogen	3000K - 180 lm	18223
	T5 Wedge* Wet Location	1.5W, 2.4VA	2700K - 180 lm	18224
	W	Compares to 20W Halogen	3000K - 180 lm	18225

^{*} Ideal for path, deck/step, wall wash fixtures and more.

Professional Series

LAMP	BASE/	WATTAGE	KELVIN/LUMENS		ORDERIN	IG INFO	
	LAMP TYPE		(Im for Bare Lamps)	15° Spot	25° Narrow Flood	40° Flood	60° Wide Flood
	MR8 Bi-Pin Damp Location	2W, 3.1VA Compares	2700K - 150 lm			18154	18156
	O	up to 15W Halogen	3000K - 150 lm			18155	18157
	MR11 Bi-Pin Damp Location	2.5W, 3.8VA Compares	2700K - 180 lm			18162	
	O	up to 20W Halogen	3000K - 180 lm				
	MR16 Damp Location	4W, 5.4VA Compares	2700K - 285 lm	18126	18128	18130	18132
	O	up to 20W Halogen	3000 - 285 lm	18127		18131	18133
	MR16 Damp Location	5W, 6.6VA Compares	2700K - 365 lm	18134	18136	18138	18140
	O	up to 35W Halogen	3000K - 365 lm	18135	18137	18139	18141
	MR16 Damp Location	7.2W, 9.9VA Compares	2700K - 615 lm	18142	18144	18146	18148
W	O	up to 50W Halogen	3000K - 615 lm	18143		18147	18149
	PAR36 Wet Location	4.2W, 6.3VA Compares	2700K - 290 lm			18170	
	W	up to 20W Halogen	3000K - 290 lm			18171	
	PAR36 Wet Location	6W, 8.5VA Compares	2700K - 475 lm			18178	
	W	up to 35W Halogen	3000K - 475 lm			18179	
	PAR36 Wet Location	10W, 13.2VA Compares	2700K - 700 lm		18184	18186	18188
	W	up to 50W Halogen	3000K - 700 lm			18187	18189

OMNI-DIRECTIONAL LAMPS

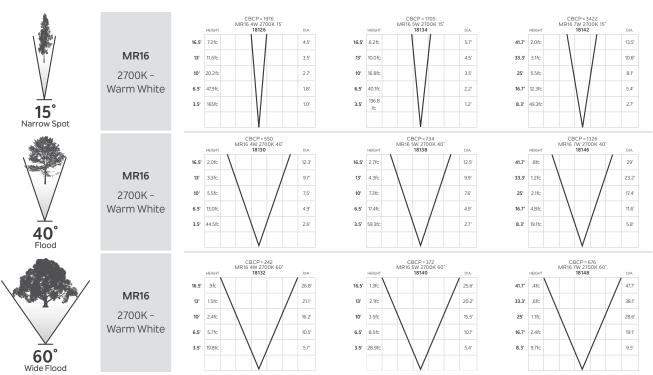
LAMP	BASE/	WATTS	KELVIN/LUMENS	ORDERING INFO
_,	LAMP TYPE		(Im for Bare Lamps)	120° Extra Wide Flood
	T5 Wedge* Wet Location	1.5W, 2.4VA	2700K - 130 lm	18120
	W	Compares up to 16W Xenon	3000K - 130 lm	18121
	S8 Wedge* Wet Location	1.5W, 2.4VA	2700K - 130 lm	18122
	W	Compares up to 18.5W Krypton	3000K - 130 lm	18123

 $[\]ensuremath{^*}$ Ideal for side mount path, deck/step, wall wash fixtures and more.

LAMP	BASE/	WATTAGE	KELVIN/LUMENS	ORDERI	NG INFO
	LAMP TYPE		(Im for Bare Lamps)	180° Omni-Directional	300° Omni-Directional
1458 / F	T5 Wedge Mini Ceramic Wet Location	1W, 1.2VA Compares up to	2700K - 85 lm	18198	
1120	Wet Education	10W Halogen	3000K - 85 lm	18199	
NS:	T3/G4 Bi-Pin Micro Ceramic Wet Location	1W, 1.2VA Compares up to	2700K - 85 lm	18200	
	Wet Education	10W Halogen	3000K - 85 lm	18201	
	T5 Wedge High Lumen Mini Wet Location	2.3W, 3.3VA Compares up to	2700K - 215 lm		18204
	Wet Education	20W Halogen	3000K - 215 lm		18205
	S8 Wedge High Lumen Mini Wet Location	2.3W, 3.3VA Compares up to	2700K - 215 lm		18202
-	Wet Location	20W Halogen	3000K - 215 lm		18203
	T3/G4 Bi-Pin High Lumen Mini Wet Location	2.3W, 3.3VA Compares up to	2700K - 215 lm		18206
	Wet Education	20W Halogen	3000K - 215 lm		18207
	BA15 Single Contact High Lumen Mini	2.3W, 3.3VA	2700K - 215 lm		18208
11	Wet Location	Compares up to 20W Halogen	3000K - 215 lm		

Popular 12V Lamp Photometrics

The curves indicate the illuminated area and the average illumination when the luminaire is at different distances. Stated footcandles are for bare lamps only. For additional landscape product information tools and resources, visit Kichler.com/Landscape.





ACCESSORIES

79 VLO ACCESSORIES

80 ALL-PURPOSE IN-GROUND

81 IN-GROUND ACCESSORIES

82 TRANSFORME ACCESSORIES TRANSFORMER

Accessories



12"

18"

Fixture Mounting Stems Name 1/4" NPSM Thd.

SKU & 15651AZT Finish 15652AZT

Notes

1/4" NPSM



Fixture Mounting Stems 1/2" NPSM Thd.

15645AZT, BKT 15656AZT, BKT 12" 18" 15657AZT, BKT 15658AZT, BKT 24"

1/2" NPSM. Coupler 15649 or Elbow 15647 needed for accent light use.



Accent Adjustable Height Stem

15570AZT 15570BKT

1/2-14 NPSM stems will require additional Coupler 15649 or Elbow 15647 for accent light use. Extends from 18" to 33".



Bollard Template Kit

15671ST

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



Bollard Mounting Stake Name

SKU & Finish

Notes

15578BK

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



Polymeric Support Stakes

15575BK 8" 15576BK 14"



Power Post Stake

15276BK

Works with 1/2 NPSM threaded fixtures.



Male and Female Riser

15509BKB, CBR 15510BKB, CBR 6" 12" 18" 15511BKB, CBR 15512BKB, CBR 15513BKB, CBR 24"

No couplers needed.





3" Round Mounting Base

SKU & Finish

Name

15493BKB 15493CBR

Notes



90 Degree Elbow

15647AZT

90 Degree Elbow

15514BKB 15514CBR

Stem Coupler

15649AZT 15649BKT

1/2-14 NPSM Thd.





Two Fixture Mount

SKU & Finish

Name

15515BKB 15515CBR

1/2-14 NPSM Thd. Notes



4" Surface Mounting Flange

15601AZT 15601BKT 15601WHT

1/2-14 NPSM Thd.



Flange Mounting Nipple

15602AL

1/2-14 NPSM Thd.

Accessories



16016BKT with 15489CBR Gutter Mount



NEW FINISH



Tree Bracket





Name	Surface Mounting Bracke
SKU &	15607AZT
Finish	15607BKT

1/2-14 NPSM Thd.

15516BKB 15516CBR

1/2-14 NPSM Thd.

Junction Box Mounting Bracket

15609AZT 15609BKT 15609CBR

1/2-14 NPSM Thd.

Gutter Mount

15489CBR

1/2-14 NPSM Thd.



Name Mini Accent and Well Hexcell Louver

15679BK

For drop-in Accents 15384, 15484, 15494.



Up/Down Deck Light Heat-Resistant Lens

15659AZT

For Deck Light 15079.



6" Long Cowl 16076AZT 16076BKT 16076CBR

For LED Accent 16150-16158.

Notes

SKU &

Finish

Notes

VLO Accessories



Name	VLO Hexc	ell Louver
SKU & Finish	16073BK	16075BK
Notes	For VLO Small Accent 16015-16017.	For VLO Large Accent 16018-16020, VLO High Lumen 16160-16162, VLO In-Ground 16023-16025.



VLO Beam	Expander
16090FRO	16091FRO
For VLO Small Accent 16015-16017. Widens VLO fixture beam angle on average of 30°.	For VLO Large Accent 16018-16020, VLO High Lumen 16160-16162, VLO In-Ground 16023-16025.





Name

Long Cowl for VLO Small Accent

SKU & 16067AZT 16067BKT 16067CBR

For VLO Small Accent 16015-16017.



16068AZT 16068BKT 16068CBR For VLO Large Accent

VLO Large Accent

For VLO Large Accent 16018-16020, VLO High Lumen 16160-16166.



VLO Underwater Weighted Base

For VLO Underwater 16027.



VLO In-Ground Side Fire



VLO In-Ground Four-Way



VLO In-Ground Cowl

16095CBR

Name SKU & Finish

Notes

Notes

16084BK

16093CBR

For VLO In-Ground 16023-16025. Includes plastic dome lens that directs light out of the accessory opening for superior distribution. 16094CBR

For VLO In-Ground 16023-16025. F Includes plastic dome lens that directs light out of the accessory opening for superior distribution.

For VLO In-Ground 16023-16025.





VLO In-Ground Rock	Guard

16096CBR

16097BK

For VLO In-Ground 16023-16025. Works with VLO lenses, VLO Beam Expander and VLO Hexcell Louver.

VLO In-Ground Lens Clip

VLO In-Ground Concrete Kit

16099BK

For VLO In-Ground 16023-16025.

SKU & Finish

Name

For VLO In-Ground 16023-16025.

Mini All-Purpose Accessories





16141SS with 16145SS 4-Way Opening

16141CBR with 16148CBR Single Opening



Name LED Mini All-Purpose Cowl

16142BKB 16142CBR

16142SS

Notes For Mini All Purpose Recessed 16140, 16141. Not recommended for drive-over.



LED Mini All-Purpose Side Fire Sconce

16143BKB 16143CBR

16143SS

For Mini All Purpose Recessed 16140, 16141. Drive-over rated to 1,500 lbs.



LED Mini All-Purpose Single Opening

16148BKB 16148CBR

16148SS

For Mini All Purpose Recessed 16140, 16141. Drive-over rated to 1,500 lbs.

NEW FINISH



LED Mini All-Purpose 2-Way Opening

16144BKB 16144CBR

16144SS

For Mini All Purpose Recessed 16140, 16141. Not recommended for drive-over.

EW FINISH



LED Mini All-Purpose 4-Way Opening

SKU & Finish

Notes

Name

SKU &

Finish

16145BKB

16145CBR

16145SS

For Mini All Purpose Recessed 16140, 16141. Not recommended for drive-over.

NEW FINISE



LED Mini All-Purpose Louver

16146BKB 16146CBR

16146SS

For Mini All Purpose Recessed 16140, 16141. Drive-over rated to 1.500 lbs.

NEW FINISF



LED Mini All-Purpose Honeycomb

16149BKB 16149CBR

16149SS

For Mini All Purpose Recessed 16140, 16141. Drive-over rated to 1500 lbs

NEW FINISH



LED Mini All-Purpose Square Trim

16147BKB 16147CBR

16147SS

For Mini All Purpose Recessed 16140, 16141. Drive-over rated to 1,500 lbs.



LED Mini All-Purpose Frosted Lens

SKU & Finish

Name

16180FRO

Notes

For Mini All Purpose Recessed 16140, 16141.



LED Mini All-Purpose Blunt Cut Ground Stake

16182BK

For Mini All Purpose In-Ground 16140, 16141.



16141SS with 16146SS Louver

In-Ground Accessories







16190BK with 16191CBR Brass Trim, 16192CBR Brass Rock Guard, and 16787BK Rock Guard.



Name	Uni-Sleeve Well Light Gimbal Kit
SKU &	16190BK

Finish

Notes

Name

SKU &

Finish

Notes

Accepts any 1/2" threaded accent fixture.



Uni-Sleeve Brass Trim

16191CBR

For uni-sleeve 16190BK.



Uni-Sleeve Brass Rock Guard

16192CBR

For uni-sleeve 16190BK.



LED Well Light Rock Guard

15787BK

For uni-sleeve 16190BK.



PAR36 Well Light Heat-Resistant Lens

15689BK

For drop-in PAR36 well light 15088BK.



Rock Guard 7" Glare Shield

15694AZ

For drop-in In-Ground 15194AZ and 120V In-Ground 15268AZ.





Solid Brass Rock Guard Name with Clear Lens SKU &

15482CBR Finish

Notes

For drop-in In-Ground 15481CBR.



Transformer Accessories





15CS300SS with 16085BK Smart Control Timer

15556WH shown installed









	<u> </u>			
Name	Smart Control Timer	Mechanical Timer	Digital Timer	Plug-In Photocell
SKU & Finish	16085BK	15557BK	15556WH	15565BK
Notes	For Pro, Contractor and Plus Series Transformers. Controlled with Kichler Connects™ app from your mobile device or tablet.	For Pro, Contractor and Plus Series Transformers.	For Pro, Contractor and Plus Series Transformers. Battery backup included. Easy programming and daylight savings change over.	For Pro, Contractor and Plus Series Transformers.

|--|

	TOTAL PRINTED TOTAL TO
Remote Plug-In Photocell	10-Gauge Low Voltage Ca





		and the same of			MATERIAL (1987)	
Name	Remote Plug-In Photocell	10-Gauge Lo	w Voltage Cable	12-Gauge Lo	w Voltage Cable	Gel Filled Wire Connector 12-Gauge
SKU & Finish	15534BK	15504BK	250'	15501BK 15502BK 15505BK 15506BK	100' 250' 500' 1000'	15589BK
Notes	For Pro, Contractor and Plus Series Transformers. Includes 10' cord.					Pack of 10.

120V Accessories





Name

Well Light Concrete Installation Kit

In-Ground 9.5" Rock Guard

SKU & Finish

15608AZ

15688AZ

Notes

For 120V In-Ground 15295AZ. For In-Ground Transformers 15IGT100, 15IGT300.

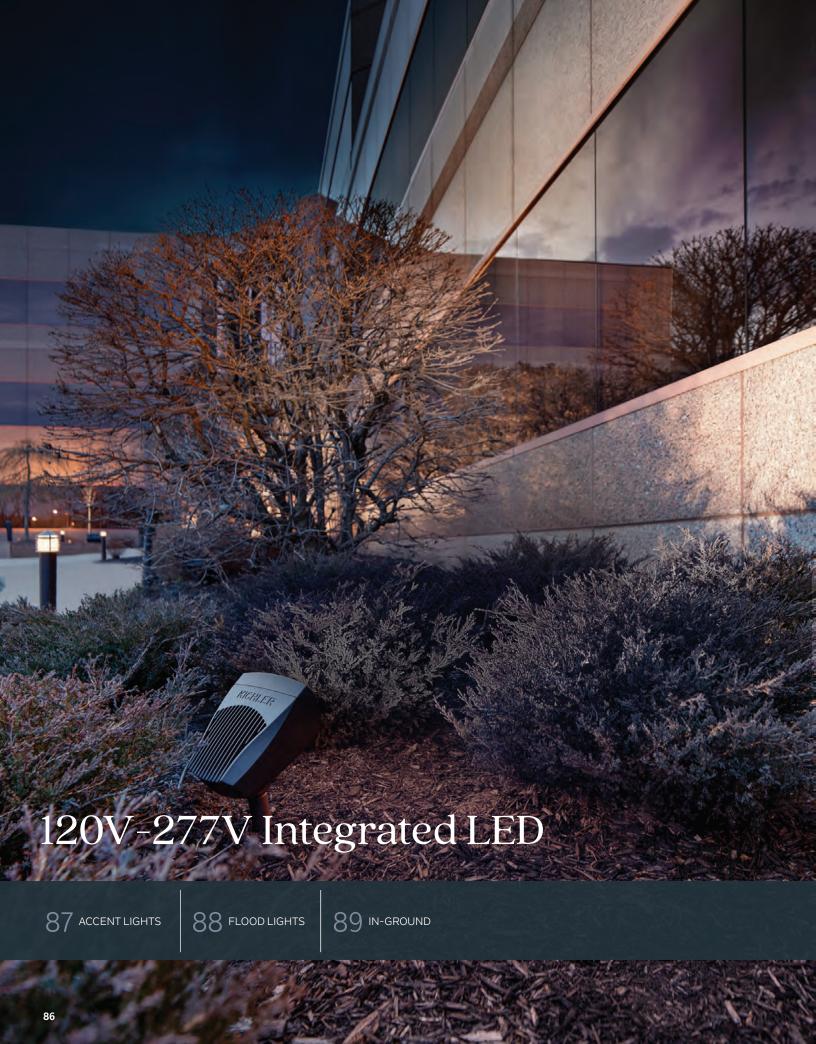
For 120V In-Ground 15295AZ.



15609AZT Junction Box Mounting Bracket, 15658AZT 24" Riser Stem, 15647AZT 90° Elbow with 16017AZT30 - 60° VLO Small Accent















Name	C-Series 5W Small Accent	C-Series 10W Small Accent			
SKU # Finish Beam Angle	16209AZT30 - 15° 16210AZT30 - 40° 16210BKT30 - 40° 16211AZT30 - 55°	16212AZT30 - 15° 16213AZT30 - 40° 16213BKT30 - 40° 16214AZT30 - 55°			
Watt/pf	5.2W/.9pf	10W/.9pf			
Kelvin, Lumens & Efficacy	3000K, 473 lm, 91lm/W	3000K, 831 lm, 84 lm/W			
Dimensions	2.75"W x 7"L x 5.25"H	2.75"W x 7"L x 5.25"H			
Included Accessories	Includes 3 gel-filled wire nuts. Vandal-proof hardware installed.	Includes 3 gel-filled wire nuts. Vandal-proof hardware installed.			
Optional Accessories	Riser Stems AZT/BKT (1/2"): 6" 15645 , 12" 15656 , 18" 15657 , 24" 15658 . Adjustable 15570 . Stem Coupler 15649 .	Mounting Accessories AZT/BKT: Surface Flange 15601 . Bracket 15607 . Tree Mount 15609 . Elbow 15647 . Stakes: 8" 15575 . 14" 15576 . Power Post 15276 .			









Name	C-Series 14W Large Accent	C-Series 21W Large Accent				
SKU # Finish Beam Angle	16215AZT30 - 15° 16216AZT30 - 33° 16216BKT30 - 33° 16217AZT30 - 55°	16218AZT30 - 15° 16218BKT30 - 15° 16219AZT30 - 33° 16219BKT30 - 33° 16220AZT30 - 55° 16220BKT30 - 55°				
Watt/pf	14.6W/.9pf	21W/.9pf				
Kelvin, Lumens & Efficacy	3000K, 1312 lm, 90 lm/W	3000K, 2033 lm, 96 lm/W				
Dimensions	4"W x 8.5"L x 6.5"H	3.75"W x 8.5"L x 6.5"H				
Included Accessories	Includes 3 gel-filled wire nuts. Vandal-proof hardware installed.	Includes 3 gel-filled wire nuts. Vandal-proof hardware installed.				
Optional Accessories	Riser Stems AZT/BKT (1/2"): 6" 15645 , 12" 15656 , 18" 15657 , 24" 15658 . Adjustable 15570 . Stem Coupler 15649 .	Mounting Accessories AZT/BKT: Surface Flange 15601 . Bracket 15607 . Tree Mount 15609 . Elbow 15647 . Stakes: 8" 15575 . 14" 15576 . Power Post 15276 .				

Flood







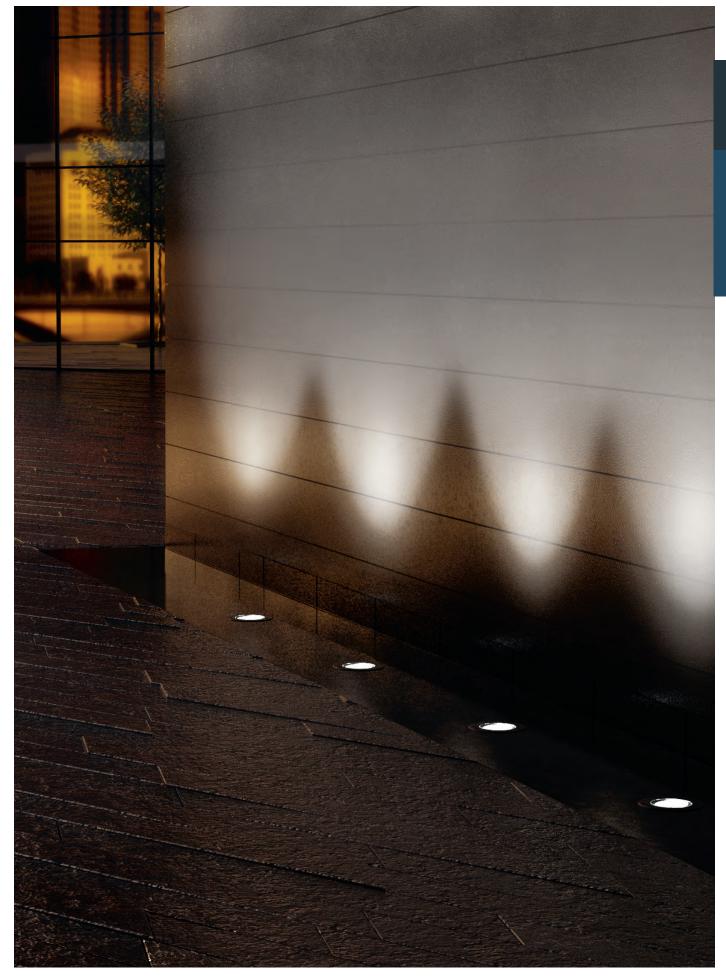
Name	C-Series 12W Small Flood	C-Series 23W Small Flood				
SKU # Finish Beam Angle	16221AZT30	16222AZT30				
Watt/pf	12W/.9pf	23W/.9pf				
Kelvin, Lumens & Efficacy	3000K, 1120 lm, 89 lm/W	3000K, 2050 lm, 86 lm/W				
Dimensions	6"W x 7"L x 7"H	6"W x 7"L x 7"H				
Included Accessories	Includes 3 gel-filled wire nuts.	Includes 3 gel-filled wire nuts.				
Optional Accessories	Riser Stems AZT/BKT (1/2"): 6" 15645 , 12" 15656 , 18" 15657 , 24" 15658 . Adjustable 15570 . Stem Coupler 15649 .	Mounting Accessories AZT/BKT: Surface Flange 15601. Bracket 15607. Tree Mount 15609. Elbow 15647. Stakes: 8" 15575. 14" 15576. Power Post 15276.				

In-Ground





	(IP67)
Name	C-Series 20W In-Ground
SKU # Finish Beam Angle	16230CBR30 - 45° 16258CBR30 - 60°
Watt/pf	20W
Kelvin, Lumens & Efficacy	3000K, 1625 lm, 80 lm/W
Dimensions	6.25"W x 6.25"L x 10.3"H
Included Accessories	Drive-over rated up to 4,500 lbs with +/-15° articulation. Includes 3 gel-filled wire nuts. Composite installation sleeve included for direct in-ground or concrete commercial installations.
Optional Accessories	Accessory trim ring in Stainless Steel 16290SS .





Accent







Name	4" Small Accent	4" Small Accent 5" Medium Accent						
SKU # Finish	15231AZT 15231BKT	15241AZT 15241BKT	15251AZT					
Socket Type	PAR20	PAR30L	PAR38/R40					
Dimensions	4"W x 7.25"L x 6.5"H	5"W x 9"L x 7"H	6.5"W x 9.75"L x 7.75"H					
Included Accessories	8" of usable 200°C, 18 AWG wire leads.	8" of usable 200°C, 18 AWG wire leads.	8" of usable 200°C, 18 AWG wire leads.					
Optional Accessories	Power Post 15276BK . Surface Mounting Bracket 15601 . Junction Box Mounting Bracket 15609 .	Power Post 15276BK . Surface Mounting Bracket 15601 . Junction Box Mounting Bracket 15609 .	Power Post 15276BK . Surface Mounting Bracket 15601 . Junction Box Mounting Bracket 15609 .					

In-Ground







Name	10" PAR38 In-Ground	7" Small PAR20/PAR30 In-Ground
SKU # Finish	15295AZ	15268AZ
Socket Type	E26 (Medium) for use with PAR20 and PAR30 Lamps	E26 (Medium) for use with PAR20 and PAR30 Lamps
Dimensions	10"W x 13.5"H	7"W x 8.25"H
Included Accessories	Adjustable Aim: 15° vertical tilt, 358° rotation with wing-nut locking mechanism. Drive-over rated to 3,000 lbs.	Adjustable Aim: 25° tilt, 358° rotation.
Optional Accessories	Concrete Installation Kit 15608AZ . Rock Guard 15688AZ .	Rock Guard 15694AZ.

Path & Spread







Name	Eclipse [™] Large Path Light	Conical Large One Tier Path Light*	Conical Three Tier Path Light*
SKU # Finish	15236BKT 15236TZT	15211AZT 15211BKT	15205AZT 15205BKT
Socket Type	E26 (Medium)	E26 (Medium)	E26 (Medium)
Dimensions	9"W x 25"H	11.5"W x 9.5"H	6"W x 9.5"H
Included Accessories	6" of usable 105°C, #18 AWG wire leads. Lamp sold separately. *Mounting Stem sold separately. 30" of usable 105°C, #18 AWG wire leads. Lamp sold separately.		*Mounting Stem sold separately. 30" of usable 105°C, #18 AWG wire leads. Lamp sold separately.
Optional Accessories	Power Post 15276BK . Surface Mounting Flange (needed for attachment to junction box) 15601 . Flange Mounting Nipple 15602AL .	Stems 15645, 15656, 15657 or 15658. Power Post 15276BK. Bollard Mounting Stakes 15578. Bollard Template Kit 15671. Surface Mounting Flange (needed for attachment to junction box) 15601. Flange Mounting Nipple 15602AL.	Stems 15645, 15656, 15657 or 15658. Power Post 15276BK. Bollard Mounting Stakes 15578. Bollard Template Kit 15671. Surface Mounting Flange (needed for attachment to junction box) 15601. Flange Mounting Nipple 15602AL.



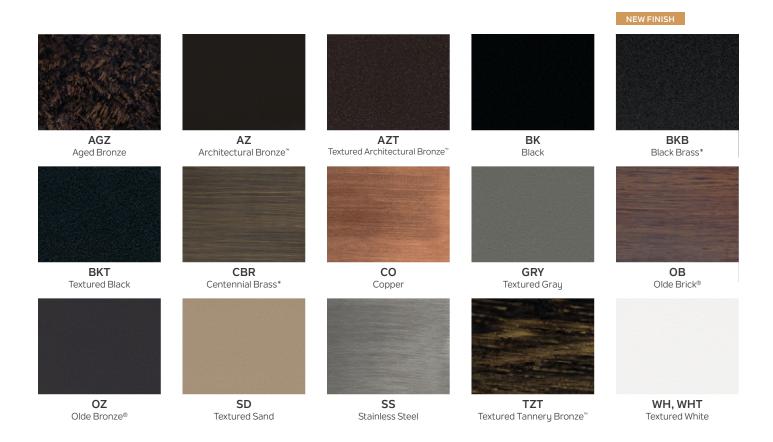


Name	Cross Creek [™] Path Light	Seaside Path Light			
SKU# Finish	15232AGZ	15239OZ			
Socket Type	E26 (medium)	E26 (medium)			
Dimensions	7"W x 7.5"L x 27"H	8"W x 10.75"L x 26.25"H			
Included Accessories	6" of usable 105°C, #18 AWG wire leads. Lamp sold separately.	6" of usable 105°C, #18 AWG wire leads. Lamp sold separately.			
Optional Accessories	Power Post 15276BK . Surface Mounting Flange (needed for attachment to junction box) 15601 .	Power Post 15276BK . Surface Mounting Flange (needed for attachment to junction box) 15601 .			

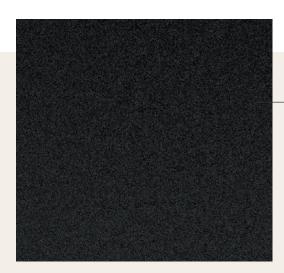




Finish Guide



^{*}BKB Black Brass and CBR Centennial Brass finishes are rated for coastal environments



NEW Black Brass Finish

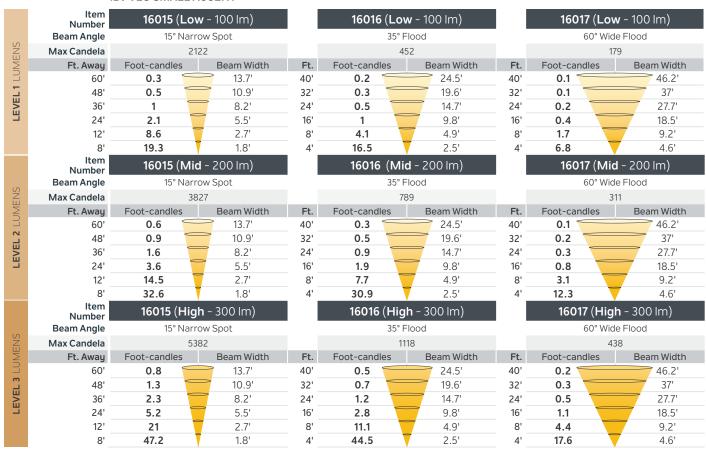
Delivering both style and durability, this new finish combines the modern look of a black finish with the corrosion resistance of brass. Perfect for coastal environments, this new landscape finish doesn't patina overtime – delivering stylish, long-lasting results for years to come.



97 VLO COLLECTION 100 12V LED ACCENT 101 12V LED HARDSCAPE

VLO Photometrics

12V VLO SMALL ACCENT





VLO Photometrics

12V VLO HIGH LUMEN ACCENT

	Item	16160	(Lov	v - 10	000 lm)	Item	1616	1 (Lov	v - 100	00 lm)	Item	16	16
	Beam	15	5° Narr	ow S	pot	Beam		35° Flood			Beam		
()	Candela	Max	Max Candela: 12,200		Candela	M	Max Candela: 2,394			Candela		1	
Ž	Distance	fc	1000	0 lm	Beam Width	Distance	fc	100	0 Im	Beam Width	Distance	fc	
UMENS	84'	1.7			18'	84'	0.3			42'	84'	0.1	
\preceq	72'	2.4			15'	72'	0.5			36'	72'	0.2	
Ξ.	60'	3.4			13'	60'	0.7			30'	60'	0.2	
LEVE	48'	5.3			10'	48'	1			24'	48'	0.4	
=	36'	9.4			7'	36'	1.8			18'	36'	0.6	
	24'	21			5'	24'	4.2			12'	24'	1.4	
	12'	85			2.5'	12'	17			6'	12'	5.8	
	8'	190			1.7'	8'	37		7	4'	8'	13	

lt	em	16162 (Low - 1000 lm)						
Ве	am				60° Wide Floc	d		
Cano	lela			Ν	1ax Candela: 8	330		
Dista	nce	fc			1000 lm	_	Beam Width	
	84'	0.1					120'	
	72'	0.2				7	103'	
	60'	0.2					86'	
	48'	0.4					68.5'	
	36'	0.6					51.5'	
	24'	1.4					34.5'	
	12'	5.8					17'	
	8'	13					11.5'	

	Item	16160	(High - 1	200 lm)
	Beam	15	s° Narrow S	Spot
S	Candela	Max	« Candela: 1	14,600
LEVEL 2 LUMENS	Distance	fc	1200 lm	Beam Width
\leq	84'	2.1		18'
	72'	2.8		15'
.L 2	60'	4.1		13'
3	48'	6.4		10'
=	36'	11		7'
	24'	25		5'
	12'	102		2.5'
	8'	229	V	1.7'

Item	16161 (High - 1200 lm)		
Beam		35° Flood	
Candela	M	lax Candela: 2,	872
Distance	fc	1200 lm	Beam Width
84'	0.4		42'
72'	0.6		36'
60'	0.8		30'
48'	1.2		24'
36'	2.2		18'
24'	5		12'
12'	20		6'
8'	45	V	4'

ı	ltem	16162 (High - 1200 lm)			
	Beam			60° Wide Flood	
	Candela		1	Max Candela: 996	
	Distance	fc	_	1200 lm	Beam Width
	84'	0.1	1		120'
	72'	0.2			103'
	60'	0.3			86'
	48'	0.4			68.5'
	36'	0.8			51.5'
	24'	1.7			34.5'
	12'	6.9			17'
Г	8'	15.6		<u> </u>	11.5'

12V VLO IN-GROUND

	ltem	16023 (Low - 350 lm)			
	Beam	15	s° Narrow S	pot	
SZ	Candela	Ma	x Candela:	3699	
¥	Distance	fc	350 lm	Beam Width	
S	60'	0.8		15.8'	
	50'	1.1		13.2'	
LEVEL1 LUMENS	40'	1.7		10.5'	
回	30'	3.1		7.9'	
_	20'	6.9		5.3'	
	10'	27.6		2.6'	
	5'	110.3	V	1.3'	

Item	16024 (Low - 350 lm)		
Beam		35° Flood	
Candela	1	Max Candela: 8	883
Distance	fc	350 lm	Beam Width
60'	0.2		35.5'
50'	0.3		29.6'
40'	0.4		23.7'
30'	0.7		17.8'
20'	1.6		11.8'
10'	6.4		5.9'
5'	25.8	V	3.0'

lt	em	16025 (Low - 350 lm)			
Ве	am		60° Wide Flood		
Cand	ela		Max Candela: 287		
Dista	nce	fc	350 lm	Beam Width	
	60'	0.1		82.5'	
	50'	0.1		68.7'	
	40'	0.1		55.0'	
	30'	0.2		41.2'	
	20'	0.5		27.5'	
	10'	2.0		13.7'	
	5'	8.1		6.9'	

	ltem	1602:	3 (Mid - 5	550 lm)	
	Beam	15° Narrow Spot			
SZ	Candela	Ma	ax Candela:	5651	
¥	Distance	fc	550 lm	Beam Width	
2 LUMENS	60'	1.2		15.8'	
	50'	1.7		13.2'	
LEVEL	40'	2.6		10.5'	
Ξ	30'	4.7		7.9'	
_	20'	10.5		5.3'	
	10'	42.1		2.6'	
	5'	168.6	V	1.3'	

Item	1602	24 (Mid - 55	50 lm)
Beam		35° Flood	
Candela	N	1ax Candela: 1	344
Distance	fc	550 lm	Beam Width
60'	0.3		35.5'
50'	0.4		29.6'
40'	0.6		23.7'
30'	1.1		17.8'
20'	2.5		11.8'
10'	9.8		5.9'
5'	39.2	V	3.0'

	ltem	16025 (Mid - 550 lm)			
	Beam		60° Wide Flood		
	Candela		Max Candela: 441		
h	Distance	fc	550 lm	Beam Width	
	60'	0.1		82.5'	
	50'	0.1		68.7'	
	40'	0.2		55.0'	
	30'	0.3		41.2'	
	20'	0.8		27.5'	
	10'	3.1		13.7'	
	5'	12.4		6.9'	

	Item	16023	(High -	350 lm)			
	Beam	15	15° Narrow Spot				
SZ	Candela	Ma	7913				
3 LUMENS	Distance	fc	850 lm	Beam Width			
S	60'	1.6		15.8'			
	50'	2.4		13.2'			
-EVEL	40'	3.7		10.5'			
甸	30'	6.6		7.9'			
Ī	20'	14.8		5.3'			
	10'	59.0		2.6'			
	5'	236.1	V	1.3'			

ltem	16024 (High - 850 lm)		
Beam		35° Flood	
Candela	N	1 Nax Candela: 1	858
Distance	fc	850 lm	Beam Width
60'	0.4		35.5'
50'	0.5		29.6'
40'	0.8		23.7'
30'	1.5		17.8'
20'	3.4		11.8'
10'	13.6		5.9'
5'	54.2	V	3.0'

	Item	16	025 (High - 850	lm)
	Beam		60° Wide Flood	
	Candela		Max Candela: 601	
h	Distance	fc	850 lm	Beam Width
	60'	0.1		82.5'
	50'	0.2		68.7'
	40'	0.3		55.0'
	30'	0.5		41.2'
	20'	1.1		27.5'
	10'	4.2		13.7'
	5'	16.9		6.9'

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12V VLO MINI WALL WASH

	Item		16026 (Low - 150	lm)								
	Beam Angle		6x5 NEMA Flood									
S	Max. Candela		79.7									
LUMENS	Distance in Feet	Foot-candles Average*	150 lm	Beam Vert.	Width Horiz.							
	20'	0.2		30'	46'							
LEVEL 1	15'	0.4		22.6'	34.5'							
N.	10'	0.8		15'	23'							
=	8'	1.3		12'	18.4'							
	6'	2.2		9'	13.8'							
	4'	5.0		6'	9'							
	2'	19.9	V	3'	4.6'							

	Item		16026 (Mid - 450	lm)								
	Beam Angle		6x5 NEMA Flood									
S	Max. Candela		239.2									
LUMENS	Distance in Feet	Foot-candles Average*	450 lm	Beam Vert.	Width Horiz.							
	20'	0.6		30'	46'							
.L 3	15'	1.1		22.6'	34.5'							
LEVEL	10'	2.4		15'	23'							
=	8'	3.8		12'	18.4'							
	6'	6.7		9'	13.8'							
	4'	14.9		6'	9'							
	2'	59.8	$\overline{}$	3'	4.6'							

	ltem		16026 (Mid - 300	lm)								
	Beam Angle		6x5 NEMA Flood									
S	Max. Candela		159.5									
LUMENS	Distance in Feet	Foot-candles Average*	300 lm	Beam Vert.	Width Horiz.							
	20'	0.4		30'	46'							
:L 2	15'	0.7		22.6'	34.5'							
LEVEL	10'	1.6		15'	23'							
==	8'	2.5		12'	18.4'							
	6'	4.5		9'	13.8'							
	4'	10.0		6'	9'							
	2'	39.9	V	3'	4.6'							

	ltem	1	6026 (High - 600	lm)								
	Beam Angle		6x5 NEMA Flood									
S	Max. Candela		319.0									
LUMENS	Distance in Feet	Foot-candles Average*	600 lm	Beam Vert.	Width Horiz.							
	20'	0.8		30'	46'							
L 4	15'	1.4		22.6'	34.5'							
LEVEL	10'	3.2		15'	23'							
=	8'	5.0		12'	18.4'							
	6'	8.9		9'	13.8'							
	4'	19.9		6'	9'							
	2'	79.7	V	3'	4.6'							



12V VLO UNDERWATER

	Item	160	027 (Low - 100 In	n)					
(0	Beam Angle		60° Wide Flood						
LUMENS	CBCP.	105.3 at	cal 13°						
\leq	Distance	Foot-candles	100 lm	Beam Width					
	40'	.06		50'					
Ξ.	32'	.09		40'					
LEVE	24'	.16		30'					
ä	16'	.36		20'					
	8'	1.4		10'					
	4'	5.7		5'					

	ltem	160)27 (High - 400 lr	n)									
10	Beam Angle		60° Wide Flood										
LUMENS	CBCP.	385.6 at	Horizontal 135°, Verti	ical 15°									
\leq	Distance	Foot-candles	400 lm	Beam Width									
	40'	.22		50'									
.E 3	32'	.34		40'									
EVEL	24'	.60		30'									
==	16'	1.4		20'									
	8'	5.5		10'									
	4'	21.5		5'									

	ltem	160	027 (Mid - 200 lm	1)						
(0	Beam Angle		60° Wide Flood							
LUMENS	CBCP.	214.2 at	: Horizontal 135°, Verti	cal 16°						
\geq	Distance	Foot-candles	200 lm	Beam Width						
7 -	40'	.12		50'						
	32'	.18		40'						
LEVEL	24'	.32		30'						
ä	16'	.72		20'						
	8'	2.9		10'						
	4'	11.5		5'						

 $^{{}^*\}mathsf{Center}\,\mathsf{Beam}\,\mathsf{Candle}\,\mathsf{Power}\,\mathsf{measured}\,\mathsf{in}\,\mathsf{candela}.$

200 LM 12V ACCENT

Item Number	161	50		16151			161	152
Beam Angle	10° Spot			35° F	lood		60° Wid	e Flood
Max Candela	38	67		5		22	21	
Ft. Away	Away Foot-candles Beam Width		Ft.	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width
60'	60' 0.7 11.1 40'		40'	0.2	24.5	40'	0.1	41.7
48'	1.1	8.9	32'	0.3	19.6	32'	0.1	33.3
36'	1.9	6.7	24'	0.6	14.7	24'	0.2	25
24'	4.3	4.5	16'	1.4	9.8	16'	0.5	16.7
12'	12' 17.1 2.2 8' 38.4 1.5		8'	5.4	4.9	8'	2.1	8.3
8'			4'	21.7	2.5	4'	8.3	4.2

300 LM 12V ACCENT

ltem Number					154		16155		
Beam Angle	10° 9	Spot		35° I	Flood		60° Wic	le Flood	
Max Candela	52	13		7	38		2	82	
Ft. Away	Foot-candles Beam Width		Ft.	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width	
60')' 1.2 11.5		40'	0.3	24.8	40'	0.1	43.4	
48'	1.8	9.2	32'	0.5	19.8	32'	0.2	34.8	
36'	3.3	6.9	24'	0.9	14.9	24'	0.3	26.1	
24'	29.4 2.3		16'	1.9	9.9	16'	0.8	17.4	
12'			8'	7.6	5	8'	2.7	8.7	
8'			4'	30.5	2.5	4'	10.7	4.3	

500 LM 12V ACCENT

Item Number	161	56		16	157		16158		
Beam Angle	10° S	Spot		35° F	lood		60° Wio	de Flood	
Max Candela	92	36		12	98		51	4.4	
Ft. Away	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width	
60'	2	10.9	40'	0.5	24.2	40'	0.2	42	
48'	3.1	8.7	32'	0.8	19.3	32'	0.3	33.6	
36'	5.5	6.6	24'	1.5	14.5	24'	0.5	25.2	
24'	12.3	4.4	16'	3.4	9.7	16'	1.2	16.8	
12'	49.3	2.2	8'	13.5	4.8	8'	4.8	8.4	
8'	111	1.5	4'	54	2.4	4'	19.2	4.2	



12V MINI ALL-PURPOSE RECESSED

Item Number	161	40	161	141		161	40	16 ⁻	141		161	40	161	141
Beam Angle	2	O.	20	O.		40	0°	4	O.		7:	5°	75	5°
Max Candela	358	3.52	594	1.23		170	.85	308	3.33		67.	58	139	.54
Ft. Away	Foot Candles	Beam Width Ft.	Foot Candles	Beam Width Ft.	Ft. Away	Foot Candles	Beam Width Ft.	Foot Candles	Beam Width Ft.	Ft. Away	Foot Candles	Beam Width Ft.	Foot Candles	Beam Width Ft.
20'	0.9	8.95	1.5	9.92	20'	0.4	16.62	0.8	14.75	20'	0.2	34.36	0.3	29.3
18'	1.1	8.05	1.8	8.93	18'	0.5	14.96	1	13.27	18'	0.2	30.92	0.4	26.37
16'	1.4	7.16	2.3	7.94	16'	0.7	13.3	1.2	11.8	16'	0.3	27.49	0.5	23.44
14'	1.8	6.26	3	6.94	14'	0.9	11.64	1.6	10.32	14'	0.3	24.05	0.7	20.51
12'	2.5	5.37	4.1	5.95	12'	1.2	9.97	2.1	8.85	12'	0.5	20.62	1	17.58
10'	3.6	4.47	5.9	4.96	10'	1.7	8.31	3.1	7.37	10'	0.7	17.18	1.4	14.65
8'	5.6	3.58	9.3	3.97	8'	2.7	6.65	4.8	5.9	8'	1.1	13.74	2.2	11.72
6'	10	2.68	16.5	2.98	6'	4.7	4.99	8.6	4.42	6'	1.9	10.31	3.9	8.79
4'	22.4	1.79	37.1	1.98	4'	10.6	3.32	19.2	2.95	4'	4.2	6.87	8.7	5.86
2'	89.6	0.89	148.6	0.99	2'	42.6	1.66	77	1.47	2'	16.8	3.44	34.8	2.93



12V HARDSCAPE

	1610	16101 - 6" Hardscape												
		I	_ateral di	stance fro	om fixture	Э			Lateral distance from fixture					
	Mounting Height	0	1 ft.	2 ft.	3 ft.	4 ft.		Mounting Height	0	1ft.	2 ft.	3 ft.	4 ft.	
Foot- candles	6 in.	17.96	0.44	0.01	0.00	0.00	Foot- candles	6 in.	72.60	0.88	0.00	0.00	0.00	
caridies	1ft.	4.49	1.14	0.11	0.01	0.02	caridies	1ft.	18.15	3.78	0.22	0.01	0.03	
	2 ft.	1.12	0.76	0.28	0.09	0.03		2 ft.	4.54	2.88	0.94	0.23	0.05	
	3 ft.	0.50	0.42	0.25	0.13	0.06		3 ft.	2.02	1.65	0.93	0.42	0.16	

16102 - 12" Hardscape						16103 - 18" Hardscape							
		Lateral distance from fixture						Lateral distance from fixture					
Foot- candles	Mounting Height	0	1 ft.	2 ft.	3 ft.	4 ft.		Mounting Height	0	1ft.	2 ft.	3 ft.	4 ft.
	6 in.	143.2	2.68	0.02	0.00	0.00	Foot- candles	6 in.	216.4	3.25	0.01	0.00	0.00
Caridies	1ft.	35.81	8.31	0.67	0.06	0.11	Carioles	1ft.	54.10	12.28	0.81	0.05	0.13
	2 ft.	8.95	5.86	2.08	0.58	0.17		2 ft.	13.53	8.88	3.07	0.79	0.20
	3 ft.	3.98	3.29	1.93	0.92	0.39		3 ft.	6.01	4.99	2.90	1.36	0.56

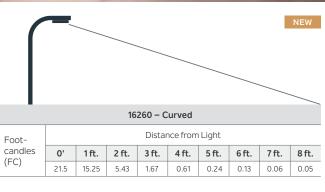
Foot-candles 108° Beam Angle

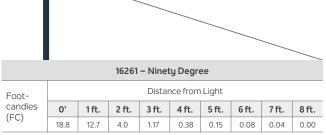
General Hardscape Fixture Spacing Guideline									
Item	16100 (3.5")	16101 (6")	16102 (12")	16103 (18")					
Mounting Height	Recor	Recommended Spacing (center-to-center of fixtures)							
6" - 18"	3'-4'	4'-5'	-	-					
18" - 24"	3'-4'	4'-5'	6'-8'	-					
24" - 36"	3'-4'	4'-6'	6'-8'	6'-8'					
36" - 48"	-	4'-6'	6'-8'	6'-8'					
48" - 60"	-	-	6'-8'	6'-8'					

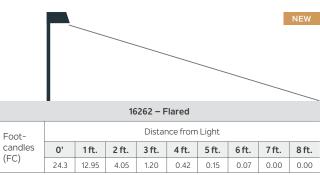
 $Highlighted\ values\ are\ optimal\ selections\ for\ mounting\ height\ application$

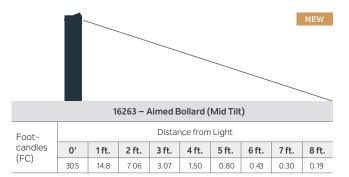
 $\label{thm:continuous} {\it Tip: Use centering notch on mounting bracket to aid in spacing layout during installation. } \\$

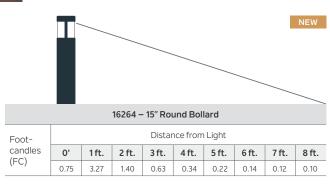


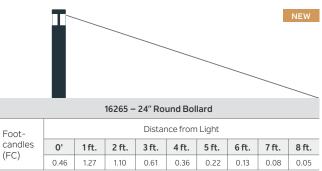


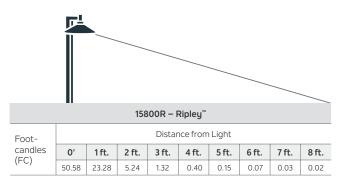


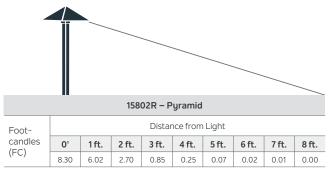


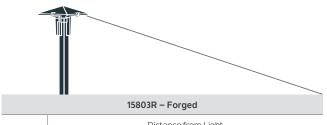




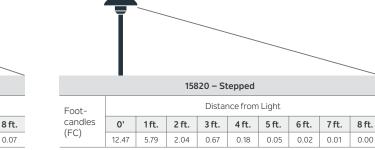


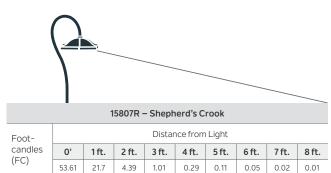




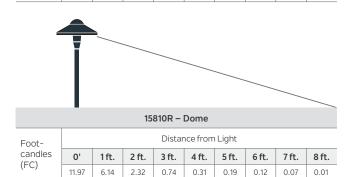


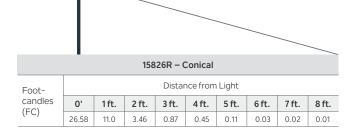
Foot- candles				Distar	nce from	Light			
	0'	1ft.	2 ft.	3 ft.	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.
(FC)	8.42	5.86	2.35	1.12	0.42	0.20	0.16	0.12	0.07

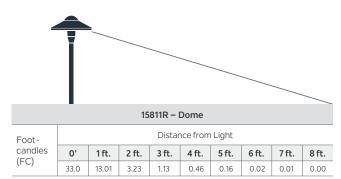


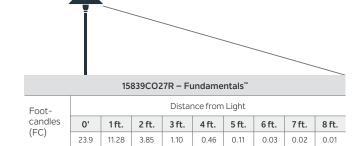


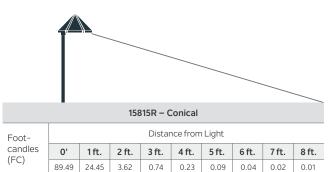
	Ī								
			158	321 – St	epped				
Foot-				Distar	nce from	Light			
candles	0'	1ft.	2 ft.	3 ft.	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.
(FC)	27.75	7.65	1.32	0.16	0.03	0.01	0.00	0.00	0.00

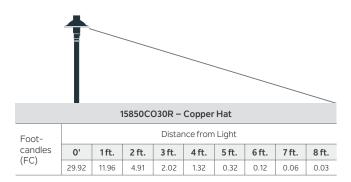


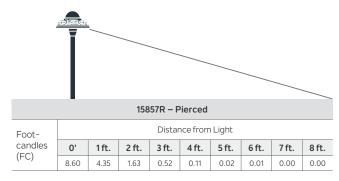


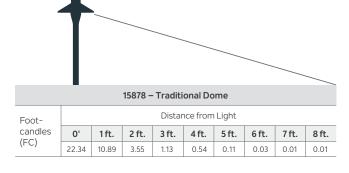


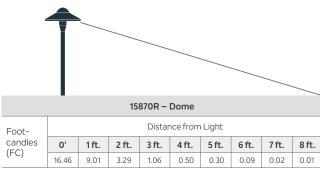


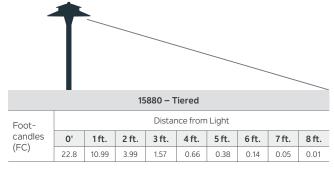


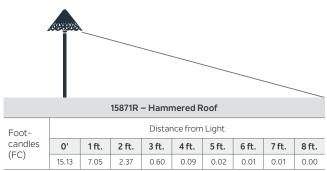


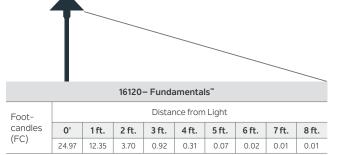




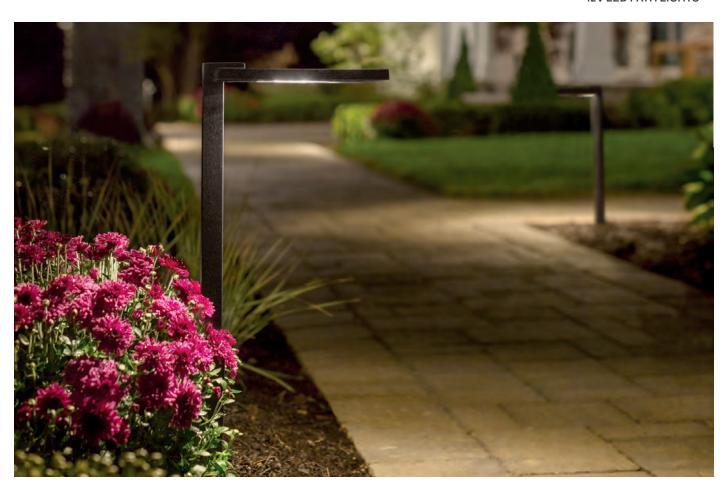


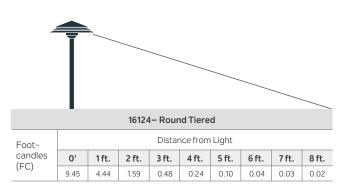


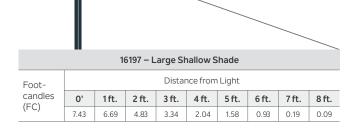














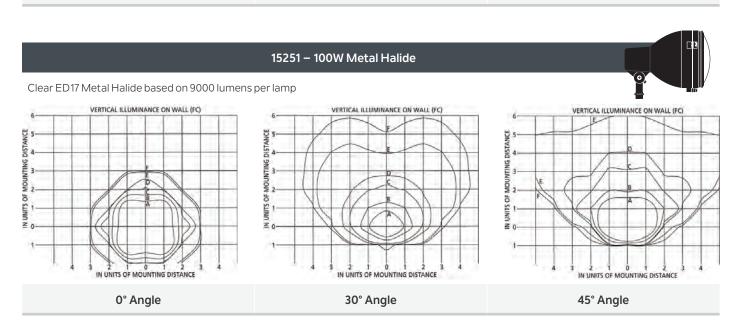
120V Drop-in Photometrics

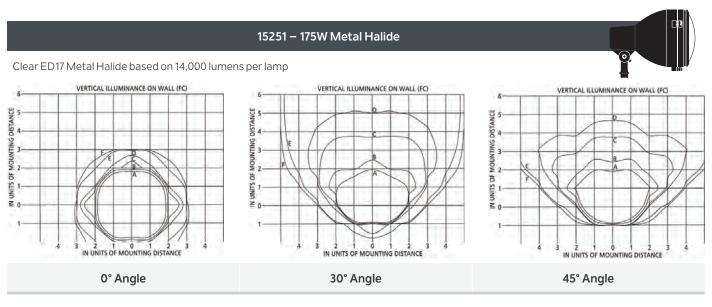
0° Angle

15251 – 75W Metal Halide Clear ED17 Metal Halide based on 5000 lumens per lamp Vertical ILLUMINANCE ON WALL (FC) Vertical ILLUMINANCE ON WALL (FC)

30° Angle

45° Angle





Popular C-Series 120V-277V Photometrics

5W SMALL ACCENT

16209										
	15° Spot Beam Angle									
	fc		Ø							
3.3'	172		1							
6.6'	43		1.9							
9.8'	19		2.9							
13.1'	10.8		3.8							
16.4'	6.9		4.8							
19.7'	4.8		5.8							
23'	3.5		6.8							
26.3'	2.7		7.7							
29.5'	2.1		8.7							
32.8'	1.7		9.7							

16210									
	40° FI	ood Beam Angle							
	fc		Ø						
3.3'	79.4		2.1						
6.6'	19.9		4.3						
9.8'	8.8		6.4						
13.1'	5		8.5						
16.4'	3.2		10.6						
19.7'	2.2		12.8						
23'	1.6		14.9						
26.3'	1.2		17						
29.5'	1		19.1						
32.8'	.8		21.3						

16211										
55	55° Wide Flood Beam Angle									
	fc		Ø							
3.3'	41.1		3.4							
6.6'	10.3		6.8							
9.8'	4.6		10.2							
13.1'	2.6		13.6							
16.4'	1.6		17							
19.7'	1.1		20.3							
23'	.8		23.7							
26.3'	.6		27.1							
29.5'	.5		30.5							
32.8'	.4		33.9							

10W SMALL ACCENT

16212											
	15° Spot Beam Angle										
	fc				Ø						
3.3'	321.3				1						
6.6'	80.3				1.9						
9.8'	35.7				2.9						
13.1'	20.1				3.8						
16.4'	12.9				4.8						
19.7'	8.9				5.7						
23'	6.6				6.7						
26.3'	5				7.6						
29.5'	4				8.6						
32.8'	3.2			5	9.5						

16213										
	40° Flood Beam Angle									
	fc		Ø							
3.3'	137		2.1							
6.6'	34.3		4.3							
9.8'	15.2		6.4							
13.1'	8.6		8.6							
16.4'	5.5		10.7							
19.7'	3.8		12.9							
23'	2.8		15							
26.3'	2.1		17.2							
29.5'	1.7		19.3							
32.8'	1.4		21.5							

16214									
55	55° Wide Flood Beam Angle								
	fc		Ø						
3.3'	76.4		3.3						
6.6'	19.1		6.5						
9.8'	8.5		9.8						
13.1'	4.8		13.1						
16.4'	3.1		16.3						
19.7'	2.1		19.6						
23'	1.6		22.9						
26.3'	1.2		26.1						
29.5'	1		29.4						
32.8'	.8		32.7						

14W LARGE ACCENT

	16215									
	15° Spot Beam Angle									
	fc				Ø					
3.3'	967.7				.7					
6.6'	241.9				1.3					
9.8'	107.5				2					
13.1'	60.5				2.7					
16.4'	38.7				3.4					
19.7'	26.9				4					
23'	19.8				4.7					
26.3'	15.1				5.4					
29.5'	12		\equiv		6					
32.8'	9.7				6.7					

16216								
33° FI	ood Beam Angle							
fc		Ø						
244		1.7						
61		3.4						
27.1		5.2						
15.2		6.9						
9.8		8.6						
6.8		10.3						
5		12						
3.8		13.7						
3		15.5						
2.4		17.2						
	fc 244 61 27.1 15.2 9.8 6.8 5 3.8	33° Flood Beam Angle fc 244 61 27.1 15.2 9.8 6.8 5 3.8 3						

		16217	
55	° Wide	Flood Beam Angle	
	fc		Ø
3.3'	115.4		3.3
6.6'	28.9		6.5
9.8'	12.8		9.7
13.1'	7.2		13
16.4'	4.6		16.3
19.7'	3.2		19.5
23'	2.4		22.8
26.3'	1.8		26
29.5'	1.4		29.3
32.8'	1.2		32.5

21W LARGE ACCENT

16218						
15° Spot Beam Angle						
	fc					Ø
3.3'	924.2					.9
6.6'	231					1.7
9.8'	102.7					2.6
13.1'	57.8					3.5
16.4'	37					4.3
19.7'	25.7					5.2
23'	18.9					6.1
26.3'	14.4					6.9
29.5'	11.4					7.8
32.8'	9.2					8.7

16219						
33° Flood Beam Angle						
	fc		Ø			
3.3'	324.2		2			
6.6'	81.1		4			
9.8'	36		6			
13.1'	20.3		8			
16.4'	13		10			
19.7'	9		12			
23'	6.6		14			
26.3'	5.1		16			
29.5'	4		18			
32.8'	3.2		20			

		16220				
55	55° Wide Flood Beam Angle					
	fc		Ø			
3.3'	165.9		3.2			
6.6'	41.5		6.4			
9.8'	18.4		9.7			
13.1'	10.4		12.9			
16.4'	6.6		16.1			
19.7'	4.6		19.3			
23'	3.4		22.5			
26.3'	2.6		25.7			
29.5'	2		29			
32.8'	1.7		32.2			
32.8'	1.7		32.2			



Outdoor Lighting

Light Up the Great Outdoors

The outdoor space should feel like an extension of the home. Comfortable, welcoming and a reflection of one's style. But with outdoor spaces, you can go a step further. With a little décor and the right light, you can make a backyard feel like an outdoor oasis.







With your customer's front porch or doorway area, they have a chance to welcome guests to their home before they even set foot in the door. A large, outdoor wall-mounted fixture next to the door will say 'welcome' even better than a clever welcome mat. And a ceiling light and pendant will put polish on a front porch.



GARAGE LIGHTS

One of the safest ways for one to arrive home at night is with the right garage light. A wall mounted fixture is a stylish and versatile way to bring light to a garage. To determine how large the fixture should be, simply multiply the width of the garage door in inches by .25 (for a single car garage) or by .33 (for a two-car garage).

Mix. Match & Maximize

The style of a home shouldn't be limited to the space within the walls. The décor outside a home can express your customer's style with the use of mix and matching fixtures and finishes.



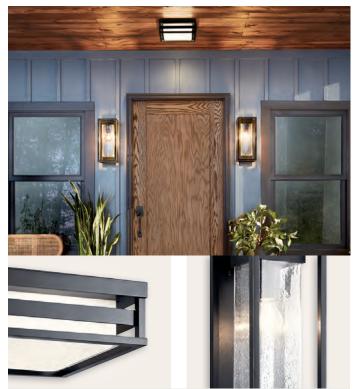






Mixing finishes is a simple way to keep a patio, deck or outdoor space from looking too uniform. When mixing finishes or metals, stick with two to three metals max. Opt for opposing colors, like black and brass, or stick to a similar cool or warm shade, like chrome and nickel. Also consider the finishes of the outdoor furniture, door hardware, or outdoor kitchen knobs as part of the mix and match plan.





MIX TEXTURES

When talking textures, you can mix the texture of the finish, like shiny with matte, but you can also mix the texture of the glass. For instance, clear seeded glass casts an ambient glow and pairs well with etched glass, which diffuses the light. When combined, these glass types create a unique and inviting look to a home's exterior.





Coordinating the Outdoors

Exterior lighting elevates an outdoor space while also adding a touch of style and function. See how you can expand the beauty and security of the outdoors with these coordinating collections.





Ninety Degree & Walden

Curve & Estella





Flared & Wesley

Aimed Bollard & Dahlia





Round Bollard & River Path

Shallow Shade & Nocar & Ryler



Fundamentals[™] & Elias & Goson



Traditional & Camillo



Stepped & Barras & Talman



Dome & Hampshire & Northland



Two Arm & Manhattan



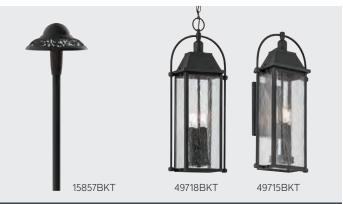
Tube & Cylinder



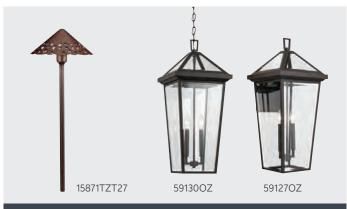




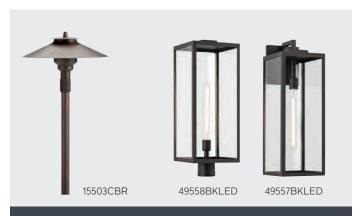
Copper Hat & Mathus



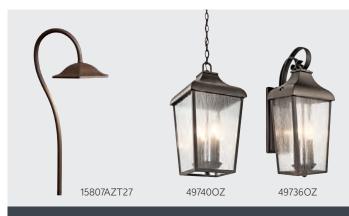
Pierced Dome & Harbor Row



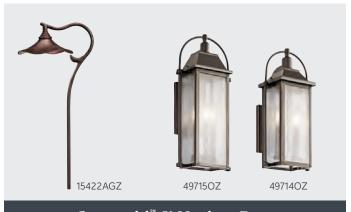
Hammered Roof & Regence



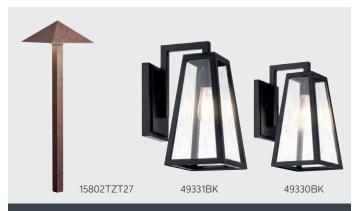
Adjustable Height & Branner



Shepherd's Crook & Forestdale



Cotswold[™] & Harbor Row





Pyramid & Delison







Ripley™

Conical & Ryler & Camillo





Tiered & Noward

Round Tiered & Hone





Illuminate the Exterior With Style

From the front of the home to the backyard deck and garden, our outdoor lights and landscape lighting come in a wide variety of sizes and styles to help extend the life of homeowners' outdoor spaces well after dark.



- 1 | Accent/Up Lights Shown: 16023CBR
- 2 | In-Ground Lights Shown: 16023CBR, 16141CBR
- 3 | Outdoor Fans (Wet) Shown: 310765SBK
- 4 | Outdoor Wall Lights Shown: 59137BKT
- 5 | Deck & Patio Lights Shown: 15764CBR30
- 6 | Path Lights Shown: 16261CBR

7 | Transformers 15SCT300SS



Illuminate the Exterior With Style

Accent/Up Lights

Outdoor accent lights are perfect for illuminating trees, shrubs, boulders or stone walls. These types of lights are also nice for creating silhouettes and highlighting prominent features in the landscape.

In-Ground Lights

Great for providing light to permanent and semi-permanent installations such as sidewalks, large mature trees, walls, and driveways.

Outdoor Fans (Wet)

Our outdoor ceiling fans add a decorative element to outdoor kitchens, patios and pergolas while providing comfort during warm days. Designed to withstand the outdoor elements, our outdoor fans are classified as: damp, wet or Weather+.

Outdoor Wall Lights

Exterior lighting elevates your outdoor space while also adding a touch of style and function. Extra-large to small, no matter the outdoor fixture size you select, a good rule of thumb is to choose fixtures about 1/4 to 1/3 the height of your front door and hang them around 6 feet from the ground. For added safety and illumination, consider adding outdoor wall lights on each side of your garage door.

Deck & Patio Lights

Decorative and functional, our integrated deck and patio lights are optimized for all-weather performance and deliver clean, even light. Available in a variety of sizes, styles, and finishes, these lights spread outward and downward for aesthetic appeal, highlighting boundaries and providing functional light when used on stairs, posts, and short walls.

Path Lights

Path lights are used to illuminate walkways and highlight low-growing foliage in landscaping beds. With a wide selection of fixtures, finish options, and color temperatures, you are sure to find path lights to deliver the right amount of illumination and beauty for any space.

Transformers

Low-voltage landscape lighting transformers converts the line voltage (120V) to a low voltage for landscape lighting installations. Our landscape transformers should be placed within 8 feet of a standard GFCI outlet and can be placed inside or outdoors, depending on outlet access.



From Climates[™] and Weather+[™] to Centennial and Black Brass, our outdoor finishes are designed to take on some of Mother Nature's toughest conditions, while providing comfort and illumination all season long.



119 SELECT OUTDOOR COLLECTIONS

135 EXTERIOR HANGING LIGHTS



59143BKT | Outdoor Wall (1) 19.25W, 676Im, 3094K, 93 CRI, 35.25 LPW 5"W x 16"H | Ext. 3.5"



59144BKT | Outdoor Wall (1) 19.25W, 1171lm, 3016K, 93 CRI, 60.83 LPW 5"W x 22.25"H | Ext. 3.5"





59145BKT | Outdoor Wall (1) 37.75W, 1837lm, 3123K, 92 CRI, 48.75 LPW 5"W x 30"H | Ext. 3.5" **W** (E)









59139BKT | Outdoor Wall (1) 17.5W, 688lm, 3000K, 92 CRI, 39.1 LPW 5.5"W x 12"H | Ext. 5.5" ₩⊕∰



59140BKT | Outdoor Wall (1) 17.6W, 683lm, 3000K, 92 CRI, 38.9 LPW 5.5"W x 15.75"H | Ext. 5.5"





59141BKT | Outdoor Wall (1) 18W, 674lm, 3000K, 92 CRI, 37.3 LPW 6"W×20"H | Ext. 6.75" ₩₩







FEATURE
Incandescent
options are available
in BK and NBR finishes





59137BKT | Outdoor Wall (1) 60W, E26 (Medium) 5.5"W x 13"H | Ext. 6.5"





59138BKT | Outdoor Wall (1) 60W, E26 (Medium) 7"W x 18"H | Ext. 7.75"



COORDINATING Path light



FEATURE

Climates™ for harsh weather conditions – extreme cold, heat or sun, or in coastal



DESIGN **DETAIL** Dual finish



FEATURE

Channel slide for easy bulb replacement





59123BKT | Outdoor Wall (1) 60W, E26 (Medium) 6.25"W x 16"H | Ext. 6.5"



59124BKT | Outdoor Wall (1) 60W, E26 (Medium) 7"W x 19.25"H | Ext. 7.25"

DESIGN DETAIL Thick ribbed glass









59146BKT | Outdoor Wall (1) 60W, E26 (Medium) 7"W x 13.25"H | Ext. 7.75"





59147BKT | Outdoor Wall (1) 60W, E26 (Medium) 9"W x 18"H | Ext. 10"





DESIGN DETAIL Dual finish



DESIGN DETAIL Knurling detail





59125BKT | Outdoor Wall (2) 60W, E12 (Candelabra) 8.5"W x 14"H | Ext. 9.5" ₩₩



59126BKT | Outdoor Wall (2) 60W, E12 (Candelabra) 8.5"W x 19.25"H | Ext. 9.5" ₩



59127BKT | Outdoor Wall (2) 60W, E12 (Candelabra) 11.5"W x 26"H | Ext. 12.5"



59128BKT | Outdoor Wall (4) 60W, E12 (Candelabra) 13.25"W x 30.25"H | Ext. 14.25" ₩





59129BKT | Outdoor Post Light (3) 60W, E12 (Candelabra), 11.5"W x 28.75"H Post Not Included



FEATURE Thick, premium beveled glass panels



FEATURE 30"H oversized option for larger spaces

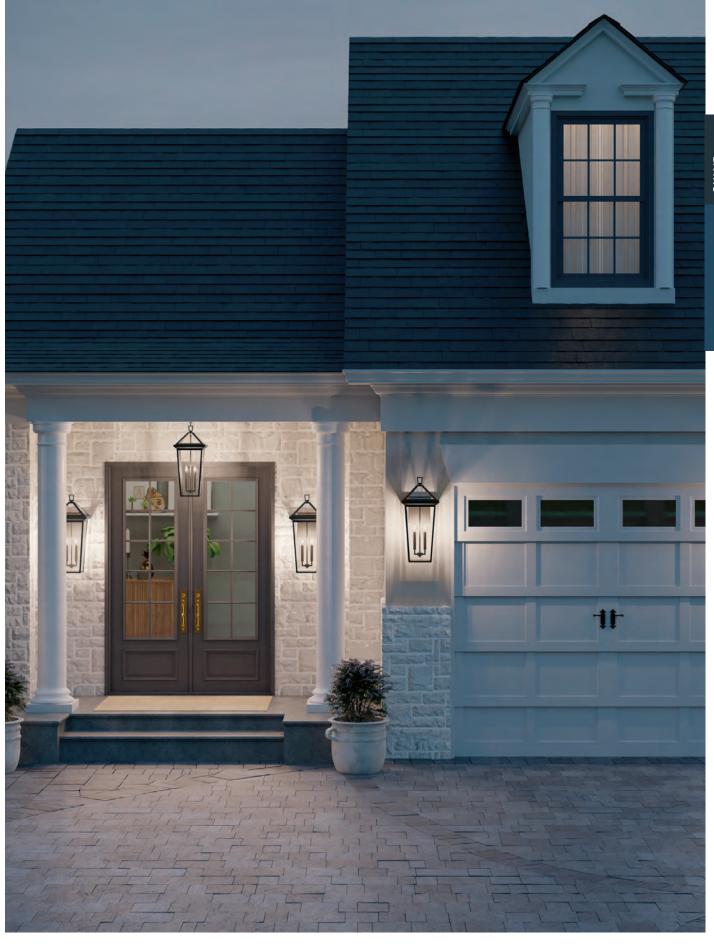


FEATURE Rigid Stay Straight Stem secures lamp base in place



COORDINATINGPath light







59118BKT | Outdoor Wall (1) 75W, E26 (Medium) 7.25"W x 13"H | Ext. 8.25" ₩€



59119BKT | Outdoor Wall (1) 75W, E26 (Medium) 8"W x 18"H | Ext. 9.25" ₩€



59120BKT | Outdoor Wall (2) 60W, E12 (Candelabra) 10.75"W x 24.25"H | Ext. 11.25"



59121BKT | Outdoor Wall (3) 60W, E12 (Candelabra) 13.5"W x 30.25"H | Ext. 14.5" **₩**



59122BKT | Outdoor Pendant (2) 60W, E12 (Candelabra), 10.75"W x 22"H Overall Ht. 99.25", Chain/Stem 72"*







FEATURERigid Stay Straight
Stem secures
lamp base in place

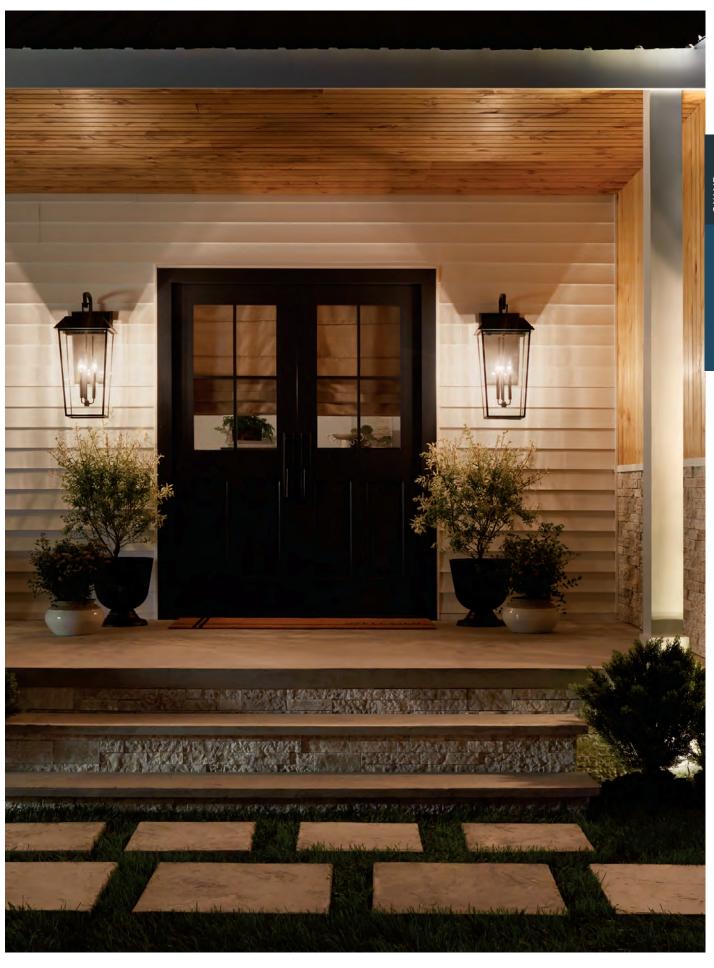


COORDINATING Regence outdoor post light 59129OZ



COORDINATINGPath light







59131BKT | Outdoor Wall (1) 60W, E12 (Candelabra) 7"W x 14"H | Ext. 7.5" ₩



59132BKT | Outdoor Wall (2) 60W, E12 (Candelabra) 7"W x 20.5"H | Ext. 7.5" **₩**



59133BKT | Outdoor Wall (2) 60W, E12 (Candelabra) 8"W x 24"H | Ext. 8.5" ₩



59134BKT | Outdoor Wall (2) 60W, E12 (Candelabra) 9"W x 28"H | Ext. 8.5" ₩₩





DESIGN DETAIL Interchangeable candle sleeves in white and black



FEATURE
Watertight frame
with finished
interior edges



COORDINATINGPath light







59111BKT | Outdoor Wall (1) 60W, E26 (Medium) 5.75"W x 14"H | Ext. 6.5" ₩ ※



59112BKT | Outdoor Wall (1) 60W, E26 (Medium) 7"W x 17.75"H | Ext. 8" ₩⊛



59113BKT | Outdoor Wall (1) 60W, E26 (Medium) 8.5"W x 24"H | Ext. 9.25"



59114BKT | Outdoor Wall (1) 60W, E26 (Medium) 12"W x 30"H | Ext. 13"



59115BKT | Outdoor Post Light (1) 60W, E26 (Medium), 9.5"W x 25.5"H Post Not Included **₩**



7" T9/T10 Bulb - 59111, 59112 11" T9/T10 Bulb - 59113, 59114, 59115





FEATURE 30"H oversized option for larger spaces



COORDINATINGPath light



COLLECTIONS



49714BK | Outdoor Wall (2) 60W Candelabra 8.25"W x 18.5"H | Ext. 7.75" **W** 🟵



49715BK | Outdoor Wall (3) 60W Candelabra 10.5"W x 23.25"H | Ext. 8" **W** 🚱



49716BK | Outdoor Wall (4) 60W Candelabra 12.5"W x 28.75"H | Ext. 9.25" **W** 🕃



49717BK | Outdoor Post (4) 60W Candelabra 6"W x 27.25"H Post Not Included





49718BK | Outdoor Pendant (4) 60W Candelabra 6"W x 25.75"H Overall Ht. 98.75", Chain/Stem 72"

①
③







49059BK | Indoor/Outdoor Wall (1) 40W, Medium R14 Type 8"W x 7.5"H | Ext. 9.25"

₩©

49060BK | Indoor/Outdoor Wall (1) 40W, Medium R14 Type 10"W x 9"H | Ext. 11.25"

₩©

49061BK | Indoor/Outdoor Wall (1) 40W, Medium R14 Type 12"W x 10"H | Ext. 13"

₩©

49063BK | Outdoor Post (1) 40W, Medium R14 Type, 12"W x 16"H Post Not Included

₩©



490590Z | Indoor/Outdoor Wall (1) 40W, Medium R14 Type 8"W x 7.5"H | Ext. 9.25"

₩©③

490600Z | Indoor/Outdoor Wall (1) 40W, Medium R14 Type 10"W x 9"H | Ext. 11.25" **WO**

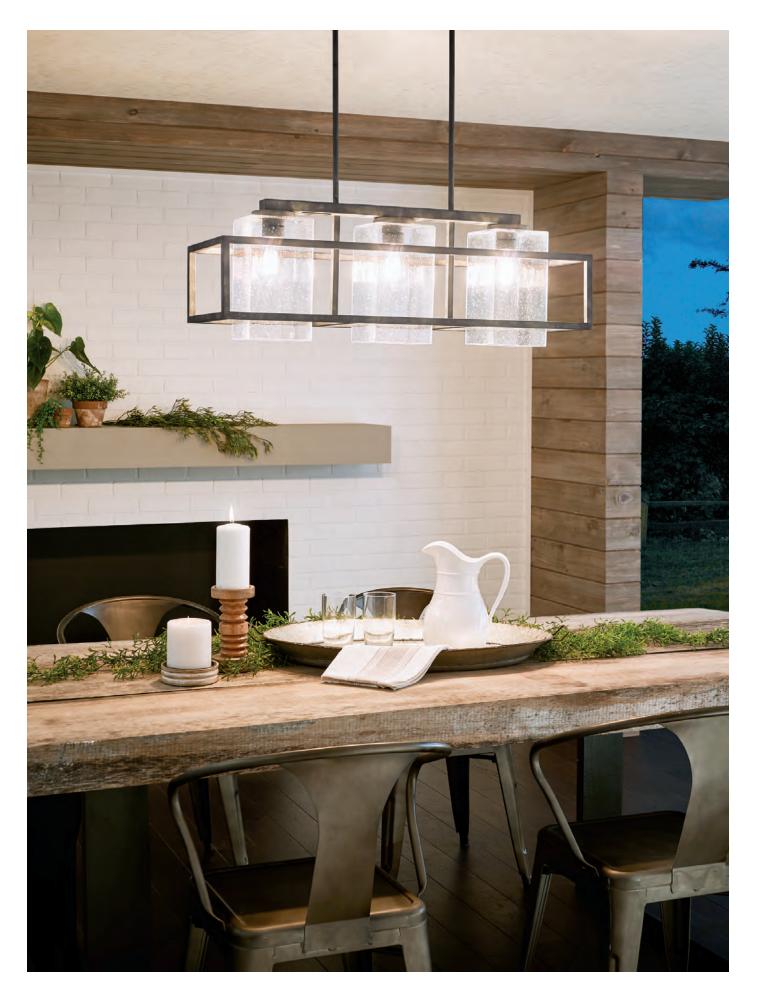
490610Z | Indoor/Outdoor Wall (1) 40W, Medium R14 Type 12"W x 10"H | Ext. 13"

W@

COORDINATING Path light 15800BKT27R

490630Z | Outdoor Post (1) 40W, Medium R14 Type, 12"W x 16"H Post Not Included **W@**

COORDINATING 15800AZT27R



Outdoor Hanging Lights



591300Z | Regence (2) 60W, E12 Candelabra, 26"H x 11.5"W Overall Ht. 101.75", Chain/Stem 72"*



(2) 60W, E12 Candelabra, 22"H x 10.75"W Overall Ht. 99.25", Chain/Stem 72"*



49805WZC | Wright (3) 150W, Medium, 12"W x 13.25"H x 36"L Overall Ht. 52", Chain /Stem 36" **D**⊕



49667WZC | Ashland Bay (5) 60W, Medium, 26"W x 20"H Overall Ht. 58", Chain /Stem 36" **D**



49835AZ | Lyndon[™] (6) 100W, Medium 17"W x 13.75"H x 36.75"L Overall Ht. 52", Chain /Stem 36"



59008WZC | Lahden™ (1) 100W, Medium, 9"W x 17.25"H Overall Ht. 91", Chain /Stem 72" \mathbf{D}



59082BKT | Camillo (1) 100W, E26 (Medium), 17.5"H x 8"Dia. Overall Ht. 57", Chain/Stem 36" **D** ③



49777BK | Northland (1) 150W, E26 (Medium), 14.25"H x 18"Dia. Overall Ht. 54", Chain/Stem 36"* **D (3)**



49556BKT | Tolerand (1) 150W, E26 (Medium), 19.75"H x 9.5"Dia. Overall Ht. 94", Chain/Stem 72"*



49982BKT | Allenbury™ CLIMATES™ (1) 100W, Medium, 12"W x 8.25"H Overall Ht. 45", Chain /Stem 36" C



49982WH | Allenbury™CLIMATES™ (1) 100W, Medium, 12"W x 8.25"H Overall Ht. 45", Chain /Stem 36" C



49982OZ | Allenbury™CLIMATES™ (1) 100W, Medium, 12"W x 8.25"H Overall Ht. 45", Chain /Stem 36"







Outdoor Ceiling Fans

Keep the Outdoors Cool

Our outdoor ceiling fans bring style and airflow to your customer's favorite outdoor space. Each ceiling fan offers premium finishes and hardware designed to withstand the elements, delivering worry-free performance year after year.



Ceiling Fan Performance Guide

Here's What the Numbers Mean to You

Designing ceiling fans that maximize performance for our customers has always been how we do business. We display a rating system for each fan we offer, so you can compare fans with confidence.

Look for this rating guide listed with every Kichler® fan.

Airflow Power Usage Cubic Ft. Per Minute on High Watts on High (Excludes Lights)		Airflow Efficiency Cubic Ft. Per Minute Per Watt
7308	32	225
Engineered for Optimal AIRFLOW	Designed for Minimum POWER USAGE	Built for Enhanced AIRFLOW EFFICIENCY
 Airflow is measured in Cubic Feet Per Minute (CFM) – a U.S. Government-mandated standard. • The higher the airflow number, the more air the fan is circulating. 	Power usage for your fan motor is measured in watts. The lower the watts, the less energy the fan consumes. DC motor ceiling fans are the most energy-efficient, using the least amount of wattage.	Airflow efficiency gives you the total picture: dividing the fan's CFMs by the watts of power it consumes. • The higher the airflow efficiency number, the more air the fan is moving per watt.

^{*}Performance values are based on indoor applications and may vary when used in outdoor applications.

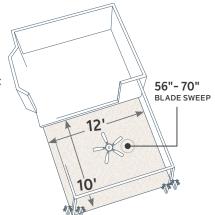
Choosing The Right Size Ceiling Fan

For Your Outdoor Space

STEP ONE

Determine the Square Footage of Your Space

Measure the length and the width of the space and then multiply. For example:



STEP TWO

Have a Tall Space With Sloped or Vaulted Ceilings?

Size up! These spaces require a larger fan for better airflow. Ideal fan installation should have a clearance of 8-9 feet (minimum of 7 feet) under the blades to circulate the air efficiently. Many of our ceiling fans work with 8 or 9 foot ceilings. If your ceiling is higher, you'll need a downrod.

For sloped ceilings, especially in coastal/windy areas, a slope adapter is recommended. For ceilings in excess of 15° of slope, please utilize our 60° slope adapter (337005).

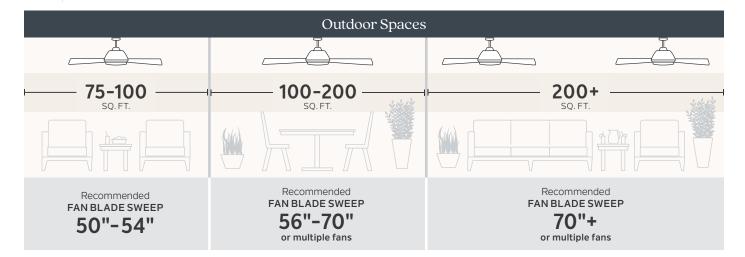






STEP THREE

Determine the Fan Size You Need:

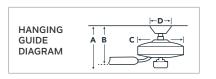


^{*} The recommended square footage shown here accounts for outdoor variances for fan use to better guide your blade sweep selections. As outdoor wind and temperature variances can interfere with the anticipated airflow, we suggest referencing the indoor air performance data available for each fan to aid in selecting a fan with higher air performance.













65K CoolTouch™ Control System -

Full Function

	Write blades	Fan Finish Blade Fir	nish
L		OPTIONAL CONTROL	
		AC Standard Wall Contro System - Full Function	ol

370156

HAN	HANGING MEASUREMENTS - WITH 4.5" DOWNROD		
Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 13.9"	В 8.8"	€ 9.1"	□ 5.9"

Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
5091	57	89

Tranquil Weather+[™]

Finishes: Brushed Nickel, Olde Bronze®, Satin Black, White | Glass: Etched Cased Opal



HANGING MEASUREMENTS - WITH 4.5" DOWNROD			NROD
Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 14.3"	В 10"	○ 9.6"	□ 5.9"

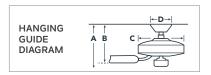
	AIR PERFORMANCE*	
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
6102	71	86



Nani Weather+[™]

Finish: Matte White, Satin Natural Bronze











HANGING MEASUREMENTS - WITH 4.5" DOWNROD			
Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 13.25"	В 10.25"	€ 8.75"	□ 6.5"

AIR PERFORMANCE*			
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt	
4298	64.1	67	



Surrey Weather+[™]

Finish: Matte White, Satin Black, Satin Natural Bronze



300250MWH Matte White Blades	MWH Fan Finish Blade Finish
300250SBK Satin Black Blades	SBK Fan Finish Blade Finish
300250SNB Satin Natural Bronze Blades	SNB Fan Finish Blade Finish

HANGING MEASUREMENTS - WITH 4.5" DOWNROD			NROD
Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 14.0"	В 11.5"	○ 9.0"	□ 6.5"

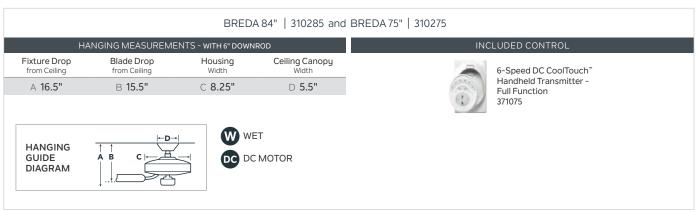
AIR PERFORMANCE*		
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
6246	65	96

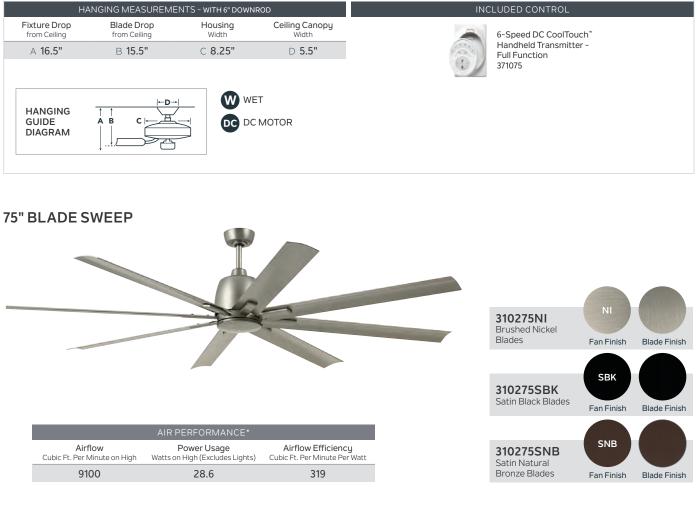




OPTIONAL CONTROLS







Breda

Finish: Brushed Nickel, Satin Black, Satin Natural Bronze











6-Speed DC CoolTouch™ Handheld Control System - Full Function (65K) 371075

AIR PERFORMANCE*			
	Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
	6220	13.7	457

INCLUDED CONTROL

Fit

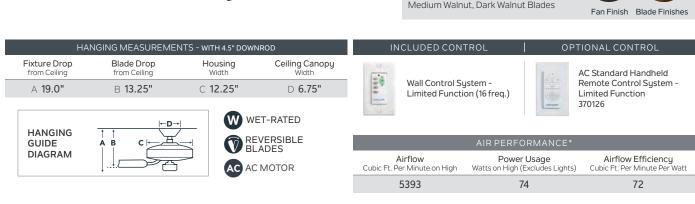
Finish: Brushed Nickel, Satin Black, White | Glass: Satin Etched Cased Opal



					Write Diades	Fan Finish	Blade Finish
H	ANGING MEASUREMENTS	- WITH 4.5" DOWN	IROD		INCLUDED CONTROL		
Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width		6-Speed DC CoolTou		
A 13.25"	В 10.25"	€ 7.25"	D 5.25 "	Handheld Control System - Full Function (65K) 371075			
HANGING	←D→	W WE	г	72	371073		
GUIDE	A B C	(LED) INTI	EGRATED LED		AIR PERFORMANCE*		
DIAGRAM		DIM	MABLE	Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)		Efficiency Minute Per Watt
		DC DC I	MOTOR	7080	31.5	2	25

60" BLADE SWEEP





Pola Wall Fan

Fan Finish

SNB

Fan Finish

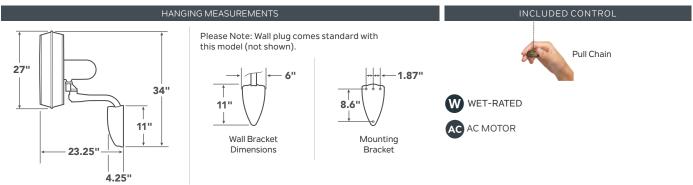
Blade Finish

Blade Finish

Finishes: Brushed Nickel, Satin Natural Bronze







Finishes: Anvil Iron, Distressed Black, Weathered Zinc | Glass: Etched Cased Opal

85" XL BLADE SWEEP



	AIR PERFORMANCE*	
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
9290	31	298









Fan Finish Blade Finishes

300285DBK Walnut, Walnut







300285WZC

Weathered White Walnut, Dark Walnut Blades





GENTRY XL 85" | 300285 and GENTRY 65" | 300265 HANGING MEASUREMENTS - WITH 6" DOWNROD INCLUDED CONTROL Fixture Drop from Ceiling Blade Drop from Ceiling Ceiling Canopy Width Housing Width 6-Speed DC Wall Control System -A 16.5" B 14" € 7" □ 6" Full Function (65K) 370036 REVERSIBLE BLADES D DAMP-RATED -D→ HANGING **GUIDE** (LED) INTEGRATED LED DC DC MOTOR DIAGRAM DIMMABLE

65" BLADE SWEEP

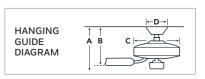


AIR PERFORMANCE*				
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt		
8060	34	237		



60" BLADE SWEEP

















Fan Finish Blade Finishes

300260DBK Walnut, Walnut Shadowed Blades





Fan Finish Blade Finishes







HANGING MEASUREMENTS - WITH 4.5" DOWNROD			
Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 16.5"	В 14"	€ 7"	□ 6"

	AIR PERFORMANCE*	
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
7450	34.4	217

INCLUDED CONTROL



REVERSIBLE BLADES

DC DC MOTOR

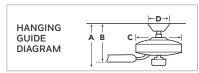
6-Speed DC Wall Control System -Full Function (65K) 370036

Gentry Lite

Finish: Anvil Iron, Distressed Black, Weathered Zinc | Glass: Etched Cased Opal

52" BLADE SWEEP





DAMP-RATED

(LED) INTEGRATED LED

DIMMABLE







	AND DESCRIPTION OF THE PERSON
	AV
ique Gray,	
	Fan Fi





inish Blade Finishes

300241DBK Walnut, Walnut Shadowed Blades

300241AVI Distressed Ant Walnut Blades





Fan Finish Blade Finishes

300241WZC Weathered White Walnut, Dark Walnut Blades



HANGING MEASUREMEN IS - WITH 4.5" DOWNROD			
Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 14.25"	В 10"	€ 8"	□ 6"

	AIR PERFORMANCE*	
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
4678	62	75

INCLUDED CONTROL

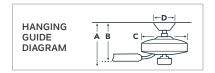
65K CoolTouch™
Control System -
Full Function
371085



AC Standard Wall Control System - Full Function 370156

54" BLADE SWEEP







INTEGRATED LED

Ceiling Canopy

Width

D 5.25"





HANGING MEASUREMENTS - WITH 6" DOWNROD			
Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 16.75"	В 13"	€ 10.75"	□ 6.5"

	AIR PERFORMANCE*	
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
4670	61.7	75





AC Standard Wall Control System - Full Function 370156

True

HANGING

A 13.5"

GUIDE

Finishes: Brushed Nickel, Satin Black, White | Glass: Etched Cased Opal





В 11.75"

	AIR PERFORMANCE*	
Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
4940	38	130

€ 6.25"





65K Wall Control System -Limited Function 371042



Additional Kichler Damp, Wet-Rated & Weather+[™] Fans

Ahrendale 60" 310240 (Wet)

Basics Pro Designer 52" 330019 (Damp)

Basics Pro Legacy Patio 52" 330021 (Damp)

Basics Pro Patio 52' 330015 (Damp)

Cameron 52" 310204 (Wet)

Canfield Patio 52" 310192 (Wet)

Canfield 30" 300103 (Damp)

Daya 54" 310072 (Damp)

Eads Patio XL 65" 310165 (Wet)

Eads Patio 52" 310152 (Wet)

Hatteras Bay 60" 310017 (Damp)

Hatteras Bay 52" 310018 (Damp)

Imari 65" 300365 (Damp)

Jace[™] 60" 310360 (Damp)

Kevlar[™] 60" 310150 (Weather+)

Lehr 80" 310115 (Wet)

Lehr II 54" 310112 (Wet)

Lydra 52" 310073 (Damp)

Monarch Patio 70" 310206 (Wet)

Monarch II Patio 52" 310103 (Wet)

Rana 60" 310155 (Wet)

Renew[™] Designer 52" 330163 (Damp)

Renew™ Patio 52" 330165 (Damp)

Ried 56" 300356 (Damp)

Seaside 54" 310181 (Wet)

Sola 54" 330152 (Wet)

Sola 44" 330151 (Wet)

Sola 34" 330150 (Wet)

Szeplo II 80" 300301 (Wet)

Szeplo II 60" 300300 (Wet)

Verdi 56" 310100 (Damp)

NOTES

- Bulbs not included unless otherwise noted.
- Wattages stated are the maximum allowed; however, you may use lower wattage lamps to suit your lighting needs. Some recommended lamps are not available in the maximum allowable wattage.
- All electrical products are rated as 120-volt, AC unless otherwise noted.
- All electrical products are certified and listed to UL/CSA standards for use in U.S.A. and Canada except where noted.







- All chain drop products equipped with at least 72" of chain unless otherwise noted.
- All products featured in the outdoor section are certified and listed to UL/CSA standards for wet location except where noted.

- On some products, in order to accommodate higher-than-normal ceiling height, extra lead wire is supplied and specified. With additional sections of chain or stems (not included), this allows an added measure of design flexibility.
- Finishes for fixtures installed outdoors are subject to change due to prolonged exposure to sunlight, airborne pollutants, and other forms of weathering.
- In outdoor settings, the optional handheld ceiling fan controls are recommended and should be stored in an area protected from the elements. Wall-mounted controls that come standard with many fans are not damp or wet-rated.
- To serve you better, Kichler Lighting reserves the right to make improvements to the products in this catalog. Therefore, some products may change during the life of the catalog and the product information contained in this catalog may also have changed.



Kichler Lighting 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.

For warranty information visit Kichler.com/Warranty

CONSUMER NOTICE

Reese's Law was enacted in October of 2023 with the purpose of reducing the risk of injury from ingestion of button cell or coin batteries by children six years old and younger. Consumer Products using button cell or coin batteries are required to meet their corresponding test standards and shall carry all required markings moving forward. Kichler Lighting is committed to ensuring our products, packaging, and instruction sheets meet these requirements.

For additional information regarding this regulation, please visit: https://www.ecfr.gov/current/title-16/chapter-II/subchapter-B/part-1263

General Service Lamp (GLS) energy conservation standards became effective in 2023, including an expanded definition of lamps that are now considered general service. With this ruling, the U.S. Department of Energy codified the Code of Federal Regulations to include a 45 lumens per watt (Im/W) efficiency requirement for all GLS lamps moving forward.

For more information on this regulation and the expanded definition of General Service Lamps, please visit:

https://www.energy.gov/eere/buildings/standards-and-test-procedures

We go to great lengths to assure the metal and glass finishes shown in the catalog match the actual products, but printing variations and variations in chemical finishes and the nature of hand-applied finishing will cause some differences between the printed images and actual product, and from one product to another

We use only non-ferrous materials on the exterior parts of our outdoor lantern products, and use the best available weather-resistant finishes. However, due to some extreme environmental conditions such as acid rain, salt air and ultraviolet exposure, we cannot guarantee our exterior finishes, with the exception of our LifeBrite® lanterns.

Due to environmental conditions such as soil acidity, concrete alkalinity and other corrosive soil and air conditions, we cannot guarantee our direct burial posts.

A PROUD NATIONAL SPONSOR



St. Jude Dream Home[®] Giveaway

KICHLER

Shown: 2024 St. Jude Dream Home – Wichita



Symbol Guide



Wet-Rated: Suitable for direct contact with rain, snow or excessive moisture (such as fog or ocean spray). Wet-Rated Ceiling Fans: For open or direct exposure to sun, rain or water spray. Can be installed on a structure with less cover, like a pergola, and withstand contact with moisture.

Climates[™]: Ideal for areas with extreme temperatures, saltwater spray and consistent UV exposure.

Weather+™: Designed to withstand wet-rated weather conditions, plus combat the effect of certain environmental factors, such as saltwater spray and the impact from UV rays.

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.

AC Motor

DC Motor

Integrated LED

Dimmable

Fixture requires supply wire rated for at least 90° C

Versatile IP66 rated design provides a dust and water tight housing that can protect against strong jets of water that can occur in coastal areas with strong storms or applications close to sprinklers.

Versatile IP67 rated design provides a dust-tight housing that can protected against temporary water submersion.

Versatile IP68 rated design provides a dust-tight housing that can protect against water submersion.

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 labeled as JA8-2019 or JA8-2019-E have been found to meet the requirements stated in 2019 T24, Part 6. For more information, visit www.energy.ca.gov/title24.

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

To find an Authorized Dealer, visit Kichler.com/Where-to-buy

Kichler Lighting 30455 Solon Rd | Solon, OH 44139

Abbreviation Key

AC	Alternating Current				
Amp	Amperage				
ADA	Americans with Disabilities Act				
	American National Standards Institute				
	American Wire Gauge system				
	Candelabra Socket Type				
	Center Beam Candlepower				
	Color Corrected Temperature				
	Cubic Feet Per Minute				
CLR					
CRI	Color Rendering Index				
D					
dB	· · · · · · · · · · · · · · · · · · ·				
DC					
Dia.					
FC, fc					
FL					
Ft					
GA	9				
Н	Height				
hrs	Hours				
Hz	Hertz				
ID or I.D.	Inside Diameter				
K					
kV					
L					
lbs	9				
	Light Emitting Diode				
lm					
lm/W	·				
LPW					
	Low Voltage Power Conditioner				
Max	Maximum				
mm	Millimeter				
NFL	Narrow Flood Light				
NSP	Narrow Spot Light				
	National Pipe & Thread - Straight, Male				
OD or O.D.					
pf					
	Revolutions Per Minute				
	Satin Etched Cased Opal glass				
SP	Spot Light				
Sq. Ft					
V					
VA					
VLO	Variable Lumen Output				
	Very Narrow Spot Light				
VWFL	Very Wide Flood Light				
W	Watt, when directly next to a number				
	Width, when paired with L and/or H				
WFL	Wide Flood Light				
Thd.					
111 u.	IIII edu				

Champagne Bronze™ is a trademark of Delta Faucet.

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16084BK	79	16155CBR27, CBR30	40, 100	18130	74
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16085BK	82	16156CBR27, CBR30	40,100	18133	74
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16094CBR	79	16158AZT27, AZT30	40,100	18137	74
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