



KICHLER®





Illuminate the Outdoors

Bringing Your Vision to Light

Our landscape lights combined with your vision and expertise can create outdoor spaces that shine with depth and beauty. We bring more than 30 years of experience to the landscape lighting category, crafting fixtures that are designed to highlight all that nature brings. See for yourself, how our products can help bring your project to life.

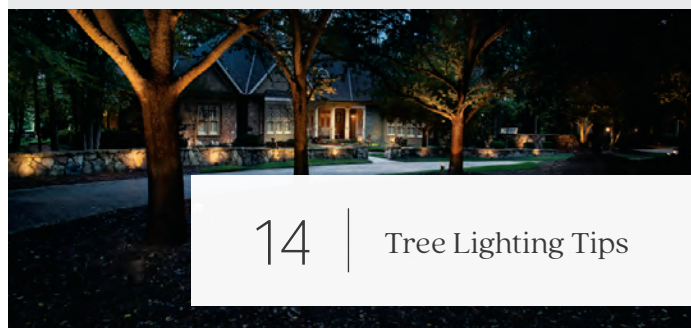
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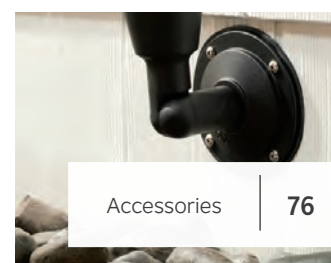
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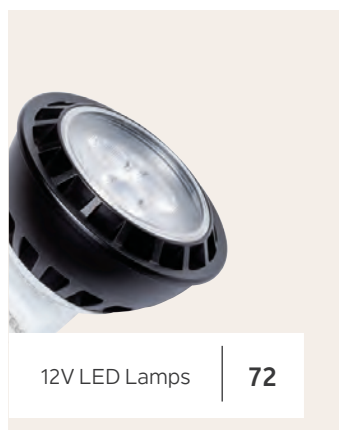
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At Your Service

Our programs are designed with you in mind.



LightPro™ Rewards

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.



Layout & Design

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.



Marketing Support

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.



Training & Education

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

1. 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.

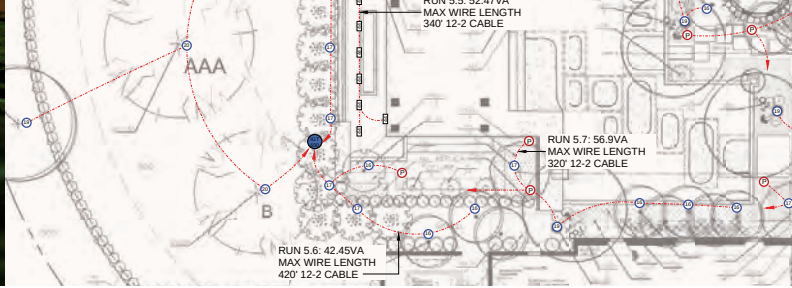


A Layout You'll Love

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. ”

Nick Rundo | Chief Navigator, Northern Territory Lighting



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.

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.

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®.



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.

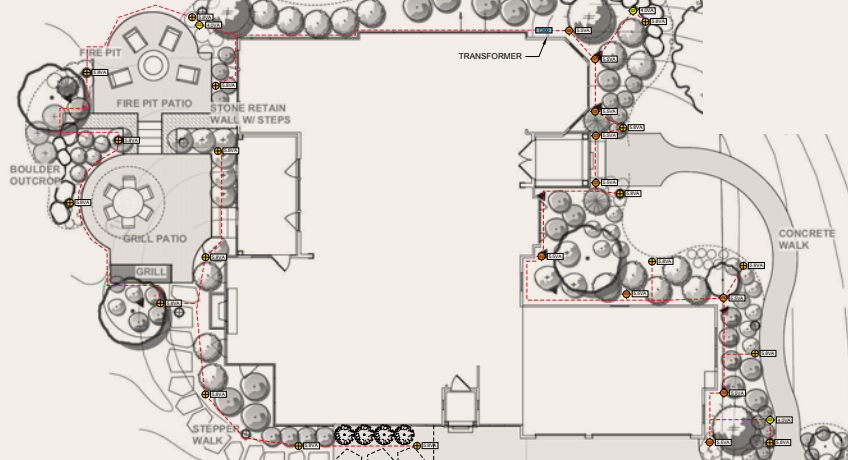


Security

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](https://www.kichler.com/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.

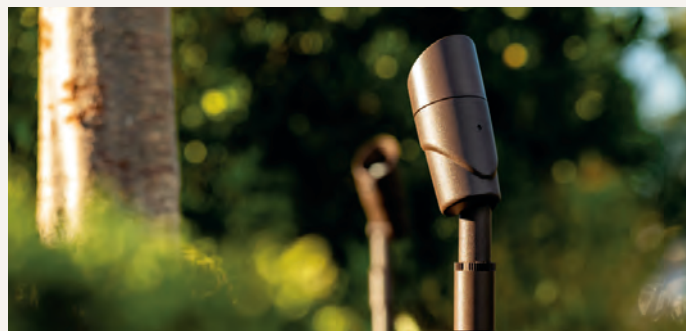


12V Integrated LED

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

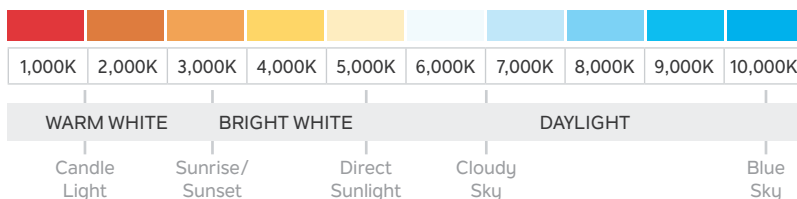
- Ideal for surroundings with dark materials, like deep slate, black or gray
- Foliage that is blue or purple (ex: highlighting blue spruce trees)

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



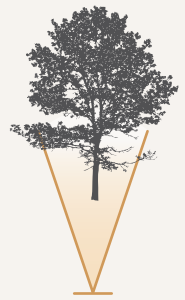
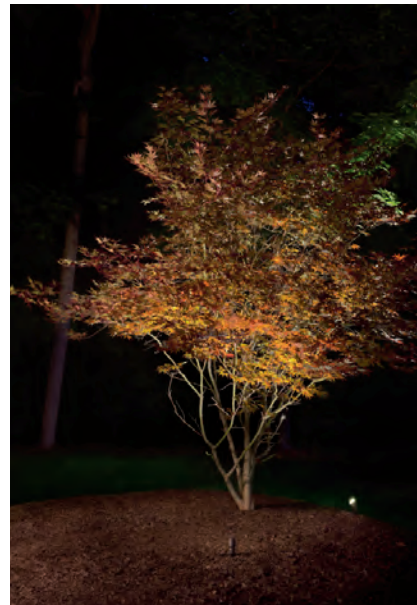
Choosing the Right Beam Spread

Our integrated LED fixtures and LED lamps are available in a variety of beam spreads so you can tailor the light to where it's needed the most.



10°-15°
Beam Spread

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



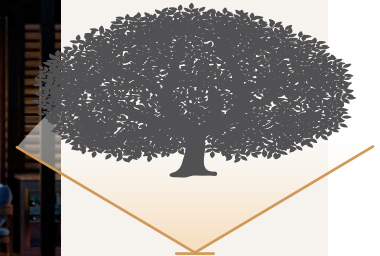
25°-45°
Beam Spread

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.



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.

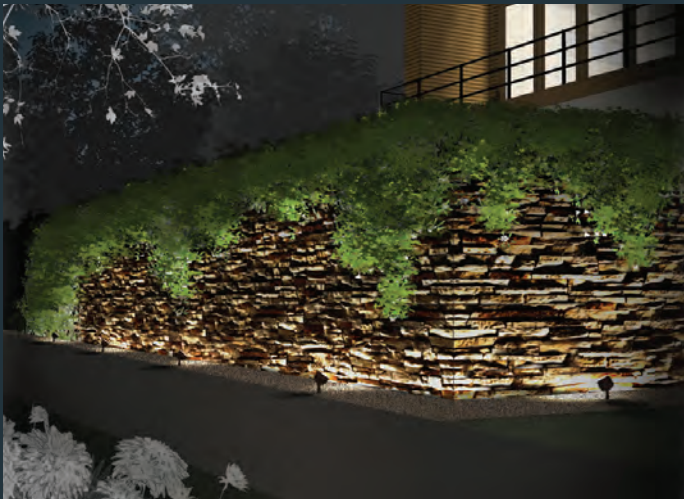
Recommended fixtures: VLO 12V LED Accent 15°-35° 16015-16016, 16018-16019. Also 120V-277V C-Series 15°-40° 16209-16210, 16212-16213, 16215-16216, 16218-16219.



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.

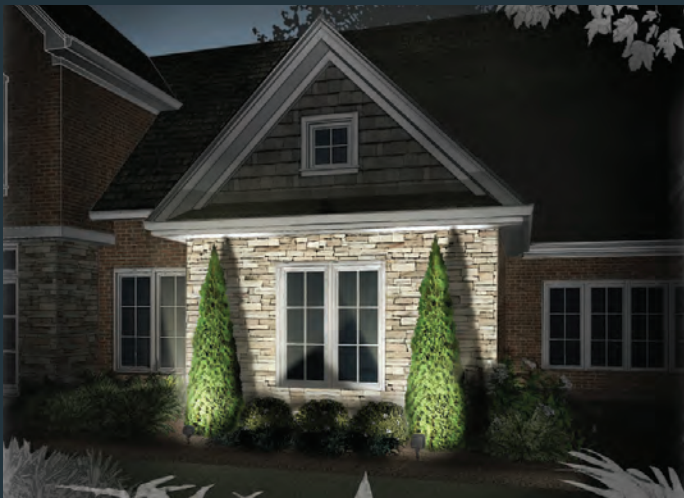
Recommended fixtures: VLO 12V LED Accent 60° 16017 & 16020. VLO Mini Wall Wash 16026. Also 120V-277V C-Series 40°-55° 16210-16211, 16213-16214, 16218-16224.



Silhouette Lighting

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

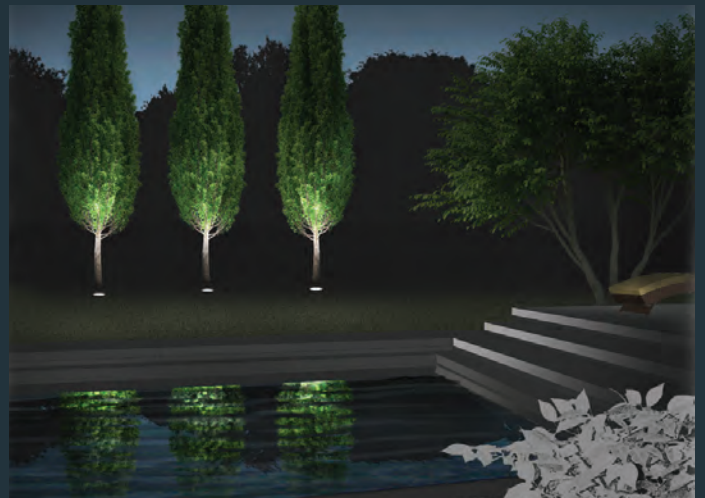
Recommended fixtures: VLO 12V LED Accent 15°-60° 16015-16020. Also 120V-277V C-Series 15°-55° 16209-16220.



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.

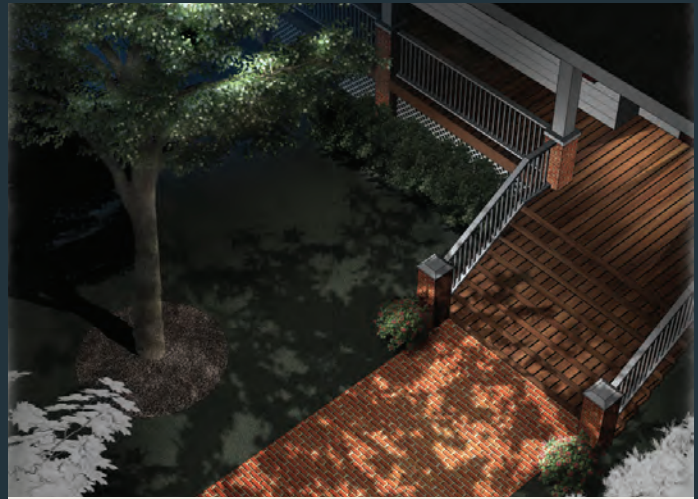
Recommended fixtures: VLO 12V LED Accent 15°-60° 16015-16020. Also 120V-277V C-Series 15°-55° 16209-16220.



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.

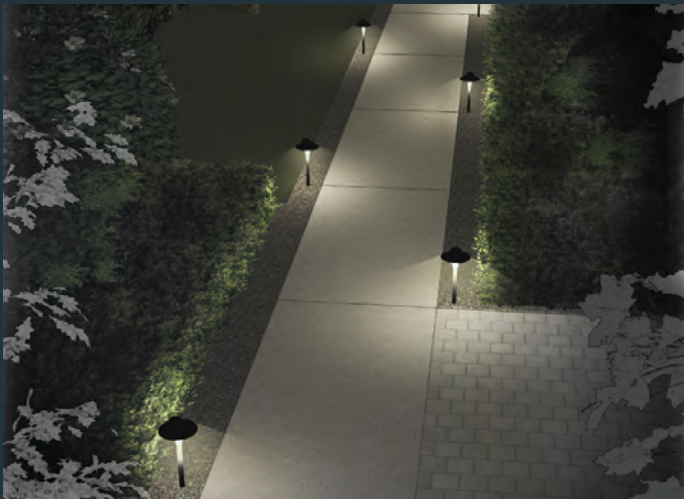
Recommended fixtures: VLO 12V LED In-Ground 16023-16025, 12V LED Mini All-Purpose Recessed 16140-16141. Also 120V-277V C-Series 16227-16228.



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.

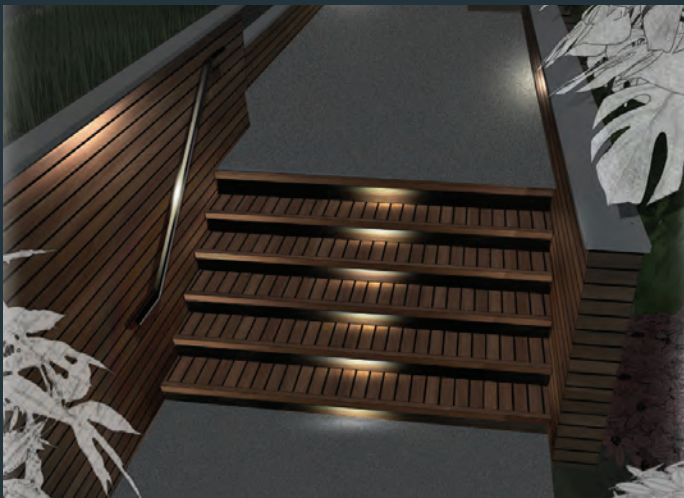
Recommended fixtures: 12V LED Path Fundamentals 16120, Stepped Dome 15820 or Dome 15810.



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.



Hardscape Lighting

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

Recommended fixture: 6" 12V LED 16101.



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	16161 (High - 1200 lm)		
Beam	35° Flood		
Candela	Max 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		4'

Item	16161 (Low - 1000 lm)		
Beam	35° Flood		
Candela	Max Candela: 2,394		
Distance	fc	1000 lm	Beam Width
84'	0.3		42'
72'	0.5		36'
60'	0.7		30'
48'	1		24'
36'	1.8		18'
24'	4.2		12'
12'	17		6'
8'	37		4'



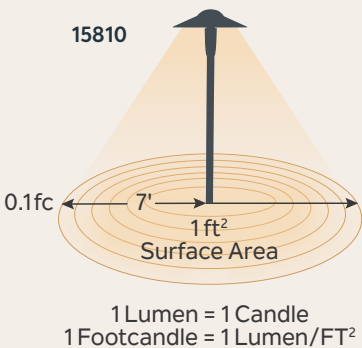
Reading Photometrics

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

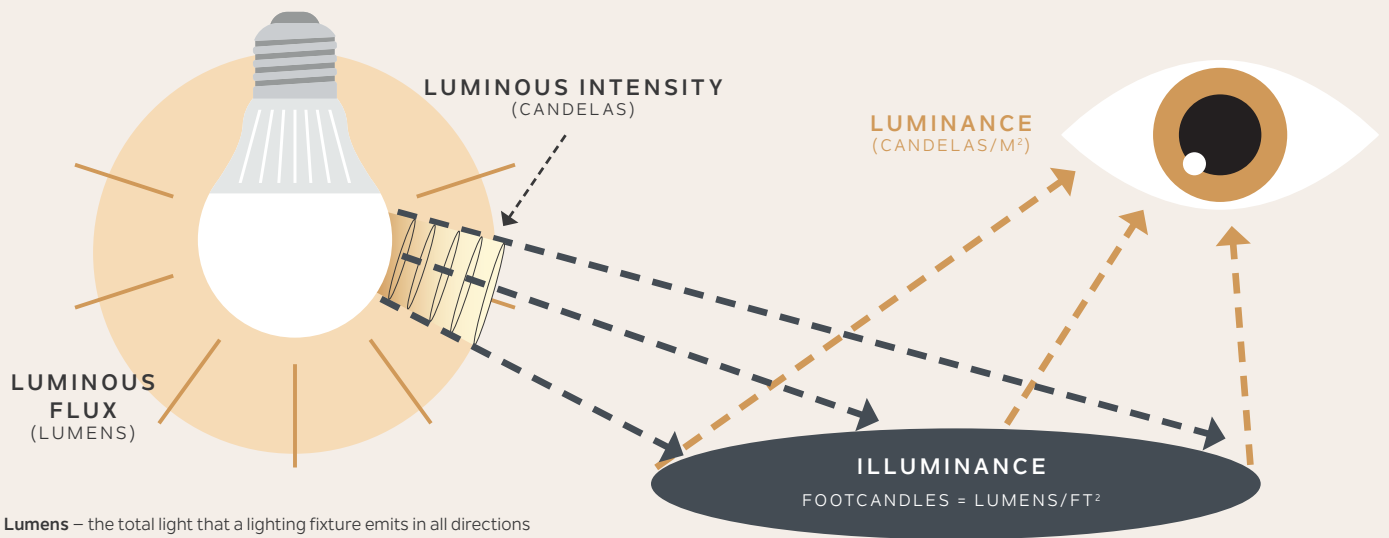
The amount of light falling on a surface or an object is called illuminance and it is measured in footcandles (where one footcandle equals one lumen per square foot).



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.

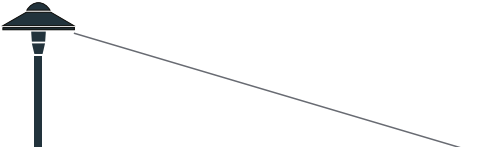




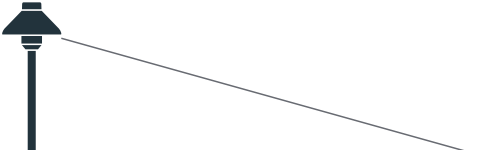
Lumens – the total light that a lighting fixture emits in all directions
Candelas – the light that a fixture emits in a certain direction
Footcandles – the measurement of how much light (lumens) hits a surface area (FT²)
FT² – the surface area measured in square feet

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

Photometric Chart Examples



Foot-candles (FC)	Distance from Light								
	0'	1 ft.	2 ft.	3 ft.	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.
	11.97	6.14	2.32	0.74	0.31	0.19	0.12	0.07	0.01



15820 – Stepped

Foot-candles (FC)	Distance from Light								
	0'	1 ft.	2 ft.	3 ft.	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.
	12.47	5.79	2.04	0.67	0.18	0.05	0.02	0.01	0.00

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

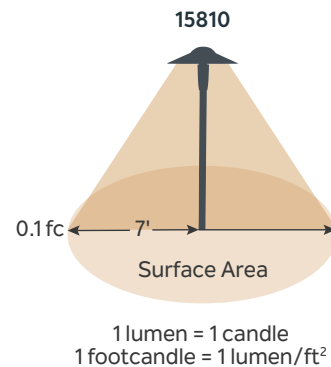
Path and spread lights help illuminate sidewalks, stone pathways, and lawn walkways while adding a hint of intrigue to boulders, plant beds and patio perimeters. Spread lighting uses a path light inside a landscape bed to illuminate the plantings and ground cover.



Typical Plot Plan Using Spread Light Fixtures

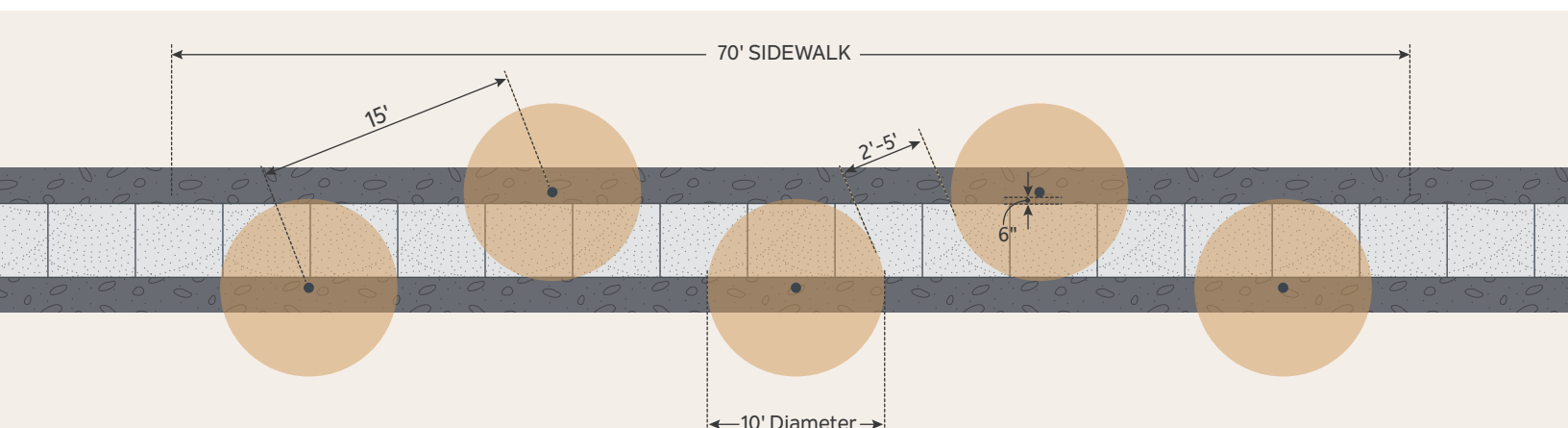
It is important to use a center-to-center measurement, rather than linear, along the sidewalk to help plan for path and spread lights. This will help ensure your fixture spacing is not subject to the width of the walkway. The chart below outlines that most path lights have a 5-7' light spread from the 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 by Item Number	DISTANCE FROM FIXTURE CENTER							
	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



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

1

Make sure to always review your application area first.

2

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](https://www.kichler.com) for additional details and information.

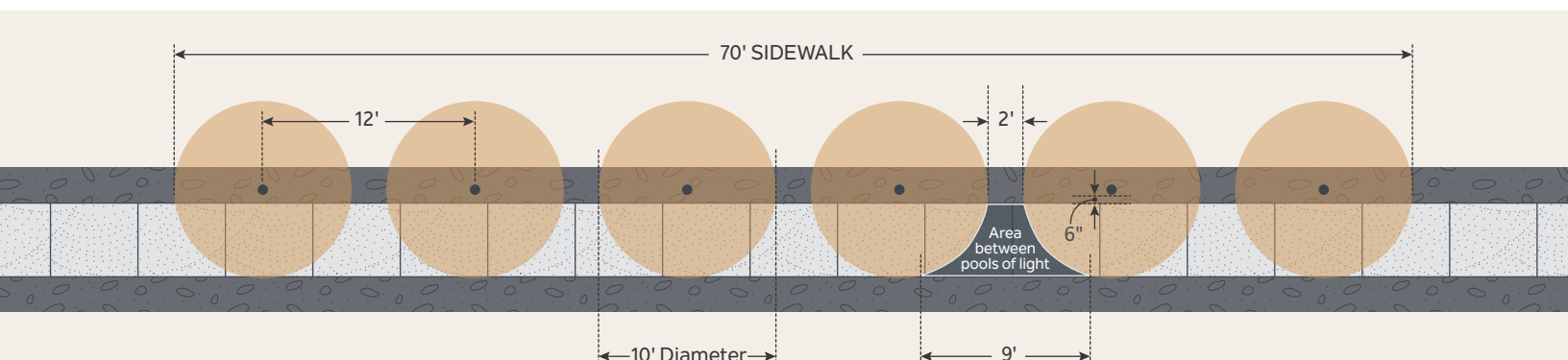
For help with layout planning, contact our **Landscape Lighting, Layout & Design Services team** at **844-KICHLER** (844-542-4537) or via email at techsupport@kichler.com.



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.

☒


+

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Lights

Transformer

Controls

Wire & Connectors

Accessories

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.

Voltage Drop Calculation Example

Transformer Tap Voltage	14V
Total Watts on Run	75 Watts
Length of Wire (ft)	85 Feet
Wire Constant (see chart)	7,490



Wire Constant	
18 gauge.....	1,380
16 gauge.....	2,200
12 gauge.....	7,490
10 gauge.....	11,920
8 gauge.....	18,960

End Fixture Voltage

14V

-

85'

x

75W

7,490

x

2

=

12.13V

Voltage Drop

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:

- 1 Straighten up lights at end of season
- 2 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.





12V Landscape Lighting





12V Integrated LED

34 VLO COLLECTION
& ACCENT LIGHTS

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48 DECK & PATIO

51 HARDSCAPES

52 LOW-VOLTAGE
TRANSFORMERS



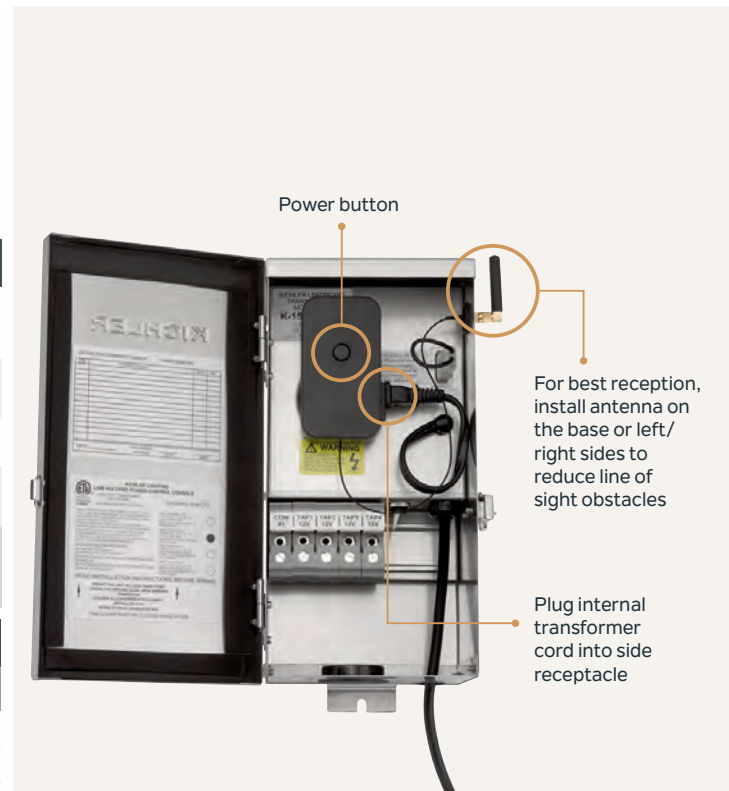
Name	Smart Control Transformer
SKU # Finish	15SCT300SS
Wattage	300W
Dimensions	7.4"W x 6"D x 13.78"H
Output Voltage Taps	(3) Commons, (3) 15V taps
Notes	Offers you the flexibility to design and schedule up to three separate lighting zones, so your customers can customize and control the areas they want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



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.

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](https://www.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

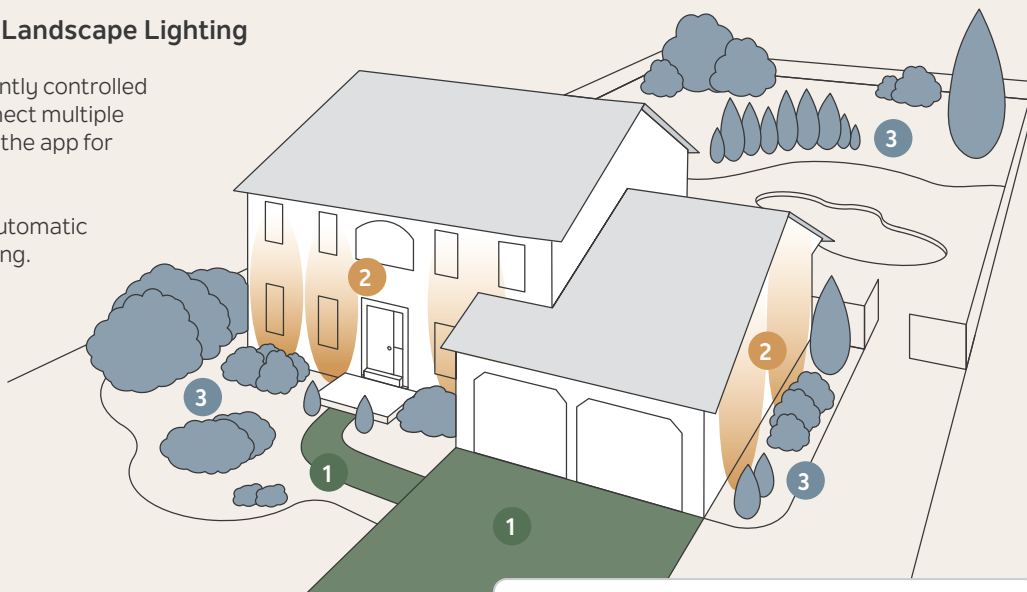
Our 300W low-voltage Smart Control Transformer offers you the flexibility to design and schedule up to three separate lighting zones, so your customers can customize and control the areas they want to illuminate, all with the Kichler Connects™ app.

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](https://www.kichler.com/Kichler-Connects)



Smart Control Timer

Compact and easy to install, the Smart Control Timer works with the Kichler Connects™ 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.



PLUG IT IN

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

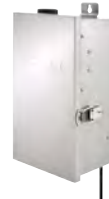
Open the Kichler Connects app and follow the prompts to set up your device. Enter your Wi-Fi password by selecting the 2.4GHz channel. *Must use 2.4ghz, not compatible with 5ghz.*



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
Kichler Connects



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	
SKU # Finish Beam Angle	16160AZT27 - 15° 16160BKT27 - 15° 16160CBR27 - 15°	16160AZT30 - 15° 16160BKT30 - 15° 16160CBR30 - 15°
	16161AZT27 - 35° 16161BKT27 - 35° 16161CBR27 - 35°	16161AZT30 - 35° 16161BKT30 - 35° 16161CBR30 - 35°
	16162AZT27 - 60° 16162BKT27 - 60° 16162CBR27 - 60°	16162AZT30 - 60° 16162BKT30 - 60° 16162CBR30 - 60°
Watt/VA	Level 1* = 14W/19VA, 1000 lm, 71 lm/W Level 2 = 18W/23VA, 1200 lm, 67 lm/W	
Kelvin & Lumens	2700K	3000K
Dimensions	2.75"W x 6"L x 4.5"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.	
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 .	
	Cowls: Long 16068 . Lenses: Hexcell 16075BK , Beam Expander 16091FRO . Stakes: 8" 15575 , 14" 15576 , Power Post 15276 .	



Name	VLO LED High Lumen Moonlighting Kit
16162AZT50 - 60°	
Watt/VA	Level 1* = 14W/19VA, 1000 lm, 71 lm/W Level 2 = 18W/23VA, 1200 lm, 67 lm/W
Kelvin & Lumens	5000K
Dimensions	2.75"W x 6"L x 4.5"H
Included Accessories	2000-Volt Fixture Surge Protection. 6500 CCT Mercury Vapor Green Lens, Long Cowl, 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.
Optional Accessories	See VLO High Lumen Accent 16160-16162 for additional accessory options

*VLO factory setting.





Name		VLO LED Large Accent		VLO LED Small Accent	
SKU # Finish Beam Angle	16018AZT27 - 15° 16018BKT27 - 15° 16018CBR27 - 15°	16018AZT30 - 15° 16018BKT30 - 15° 16018CBR30 - 15°	16015AZT27 - 15° 16015BKT27 - 15° 16015CBR27 - 15°	16015AZT30 - 15° 16015BKT30 - 15° 16015CBR30 - 15°	
	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°	
	Level 1* = 5.25W/8.5VA, 400 lm, 76 lm/W Level 2 = 8.5W/12.5VA, 600 lm, 70 lm/W Level 3 = 12W/17VA, 835 lm, 69 lm/W		Level 1 = 2W/3.5VA, 100 lm, 50 lm/W Level 2* = 3.5W/5.5VA, 200 lm, 57 lm/W Level 3 = 5.5W/7.5VA, 300 lm, 55 lm/W		
Watt/VA					
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	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.		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.		
Optional Accessories	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 .		
	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 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 .		CBR: Mounting Base 15493 . Elbow 15514 . Two Fixture "T" 15515 . Bracket 15516 . Tree Mount 15609 . Gutter Mount 15489 .		
	Cows: Long 16068 .		Cows: Long 16067 .		
	Lenses: Hexcell 16075BK , Beam Expander 16091FRO .		Lenses: Hexcell 16073BK , Beam Expander 16090FRO .		
	Stakes: 8" 15575 , 14" 15576 , Power Post 15276 .		Stakes: 8" 15575 , 14" 15576 , Power Post 15276 .		

*VLO factory setting.

VLO Collection



Name	VLO LED Mini Wall Wash		VLO LED In-Ground	
SKU #	16026AZT27	16026AZT30	16023CBR27 - 15°	16023CBR30 - 15°
Finish	16026BKT27	16026BKT30	16024CBR27 - 35°	16024CBR30 - 35°
Beam Angle	16026CBR27	16026CBR30	16025CBR27 - 60°	16025CBR30 - 60°
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		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	
Kelvin & Lumens	2700K	3000K	2700K	3000K
Dimensions	4.25"W x 2.25"L x 5.25"H		6"W x 7.5"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.		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.	
Beam Angle	Beam spread vertical of 86°, horizontal of 108°.		355° rotation, +/- 30 degree articulation	
Optional Accessories	<i>Riser Stems AZT/BKT (1/2")</i> : 6" 15645 , 12" 15656 , 18" 15657 , 24" 15658 . Adjustable 15570 . Stem Coupler 15649 . <i>CBR (1/2")</i> : 3" 15509 , 6" 15510 , 12" 15511 , 18" 15512 , 24" 15513 .		<i>Tops</i> : Side Fire 16093CBR , Four-Way 16094CBR , Cowl 16095CBR , Rock Guard 16096CBR . Concrete Kit 16099BK . Lens Clip 16097BK . Hexcell Louver 16075BK . Beam Expander 16091FRO .	

*VLO factory setting.





Name	VLO LED Underwater Accent	
SKU #	16027SS27 - 60°	16027SS30 - 60°
Finish		
Beam Angle		
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.



Switch between lumen outputs easily within one fixture – all with the use of the Magnetic Key.

LUMENS



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 ingress and the outdoor elements – helping to extend the life of the product.



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



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.



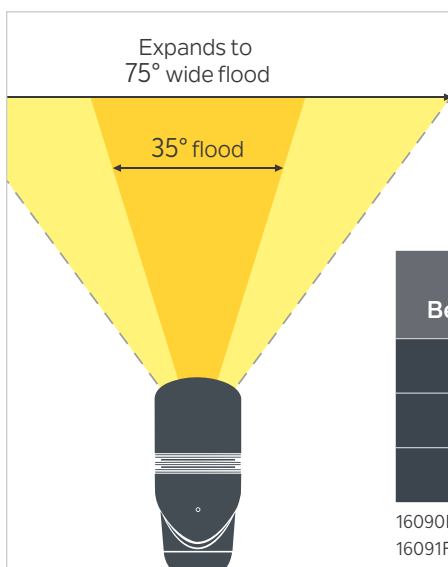
MATURE TREE

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	
SKU # Finish Beam Angle	16150AZT27 - 10°	16150AZT30 - 10°	16153AZT27 - 10°	16153AZT30 - 10°	16156AZT27 - 10°	16156AZT30 - 10°
	16150BKT27 - 10°	16150BKT30 - 10°	16153BKT27 - 10°	16153BKT30 - 10°	16156BKT27 - 10°	16156BKT30 - 10°
	16150CBR27 - 10°	16150CBR30 - 10°	16153CBR27 - 10°	16153CBR30 - 10°	16156CBR27 - 10°	16156CBR30 - 10°
	16151AZT27 - 35°	16151AZT30 - 35°	16154AZT27 - 35°	16154AZT30 - 35°	16157AZT27 - 35°	16157AZT30 - 35°
	16151BKT27 - 35°	16151BKT30 - 35°	16154BKT27 - 35°	16154BKT30 - 35°	16157BKT27 - 35°	16157BKT30 - 35°
	16151CBR27 - 35°	16151CBR30 - 35°	16154CBR27 - 35°	16154CBR30 - 35°	16157CBR27 - 35°	16157CBR30 - 35°
	16152AZT27 - 60°	16152AZT30 - 60°	16155AZT27 - 60°	16155AZT30 - 60°	16158AZT27 - 60°	16158AZT30 - 60°
	16152BKT27 - 60°	16152BKT30 - 60°	16155BKT27 - 60°	16155BKT30 - 60°	16158BKT27 - 60°	16158BKT30 - 60°
	16152CBR27 - 60°	16152CBR30 - 60°	16155CBR27 - 60°	16155CBR30 - 60°	16158CBR27 - 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 Surge Protection. 8" Slotted Ground Stake, 2 Gel-Filled Wire Nuts, and Locknut. 48" of usable #18-2, SPT-1W leads.					
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 . Gutter Mount 15489 . Stakes: 14" Stake 15576 . Power Post 15276 . Lenses: Amber 15875AMB . Cowl: Long Cowl 16076		



In-Ground

12V

INTEGRATED LED

NEW FINISH



NEW FINISH



Name	100 Lumen LED Mini 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/5.5VA	
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	2000-Volt Fixture Surge Protection. Drive-over rated to 1,500 lbs. 2 Gel-Filled Wire Nuts, PVC Sleeve, and Spring Expandable Retention Clip. Two sets of O-rings for either 1.5" Schedule 40 or 80 PVC. Fits any standard 1.5" Schedule 40 or 80 PVC. 18 AWG, SJT-W, 105°C, 300V, 72" usable length.			
Beam Angle	20°, 40° (factory installed), and 75° Optics			
Optional Accessories	<i>All tops available in CBR, BKB, or SS. See page 80.</i> <i>*Drive-over rated to 1,500 lbs.</i> Cowl 16142 Side Fire 16143* 1-Way Top 16148* 2-Way Top 16144 4-Way Top 16145 Louver 16146* Honeycomb Louver 16149* Square Trim 16147* Frosted Lens 16180FRO Ground Stake 16182BK			





NEW



NEW



NEW



Name	Ninety Degree		Curved		Flared Top	
SKU #	16261AZT27	16261AZT30	16260AZT27	16260AZT30	16262AZT27	16262AZT30
Finish	16261BKT27	16261BKT30	16260BKT27	16260BKT30	16262BKT27	16262BKT30
	16261CBR27	16261CBR30				
Watt/VA	2.75W/3.9VA		2.75W/3.9VA		2.75W/3.9VA	
Kelvin, Lumens & Efficacy	2700K, 120 lm, 44 lm/W	3000K, 120 lm, 44 lm/W	2700K, 165 lm, 60 lm/W	3000K, 165 lm, 60 lm/W	2700K, 135 lm, 49 lm/W	3000K, 135 lm, 49 lm/W
Dimensions	2.4"W x 7.3"L x 22.5"H		3"W x 7.6"L x 22.5"H		3.5"W x 4.2"L x 23.6"H	
Included Accessories	Includes 14" Slotted Ground Stake and Gel-Filled Wire Nuts. 30" of usable #18-2, SPT-1W leads.		Includes 14" 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 Flange 15601 . Surface Mounting Bracket 15607 . Power Post 15276 .		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 .	

Path & Spread

12V

INTEGRATED LED

NEW

NEW

Articulates 45°



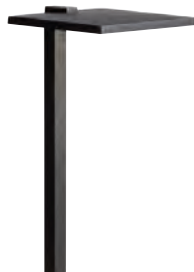
NEW



NEW



Name	Aimed Bollard		Round Bollard Tall		Round Bollard Short	
SKU #	16263AZT27	16263AZT30	16265AZT27	16265AZT30	16264AZT27	16264AZT30
Finish	16263BKT27	16263BKT30	16265BKT27	16265BKT30	16264BKT27	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 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 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 Flange 15601 . Surface Mounting Bracket 15607 . 14" Stake 15576 . Power Post 15276 .	



Name	Shallow Shade Large		Shallow Shade Small	
SKU #	16197BKT27	16197BKT30	16196BKT27	16196BKT30
Finish				
Watt/VA	2.1W/3.2VA		2.1W/3.2VA	
Kelvin, Lumens & Efficacy	2700K, 180 lm, 94 lm/W	3000K, 180 lm, 94 lm/W	2700K, 180 lm, 94 lm/W	3000K, 180 lm, 94 lm/W
Dimensions	8"W x 24"H		6"W x 24"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.	
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 .	

Path & Spread



Name	Fundamentals™ LED		Fundamentals™ LED		Traditional Dome LED	
SKU # Finish	15839CO27R		16120AZT27 16120BKT27 16120CBR27	16120AZT30 16120BKT30 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		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	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	Stepped Dome LED		Short Stepped Dome LED		8" Dome LED	
SKU # Finish	15820BKT27 15820AZT27 15820CBR27 15820CO27	15820BKT30 15820AZT 15820CBR30	15821BKT27 15821AZT27 15821CBR27	15821BKT30 15821AZT 15821CBR30	15810AZT27R 15810BKT27R 15810CBR27	15810AZT30R 15810BKT30R 15810CBR30
Watt/VA	2W/3VA		2W/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 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 .	

Path & Spread

12V

INTEGRATED LED



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 Flange 15601 . Surface Mounting Bracket 15607 . 14" Stake 15576 . Power Post 15276 .	



Name	Conical Side Mount LED		Tiered Dome LED	
SKU # Finish	15815AZT27R 15815BKT27R	15815AZT30R 15815BKT30R	15880CBR27	
Watt/VA	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	
Dimensions	6"W x 6"L x 20"H		8.5"W x 22.75"H	
Included Accessories	Includes 8" Slotted Ground Stake and Gel-Filled Wire Nuts. 52" 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 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 .	

Path & Spread



Name	Round Tiered LED		Pyramid LED		Forged LED	
SKU #	16124AGZ27	16124AGZ30	15802Tzt27R	15802Tzt30R	15803AZT27R	15803AZT30R
Finish	16124BKT27	16124BKT30			15803BKT27R	
Watt/VA	2W/3VA		2W/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 .	



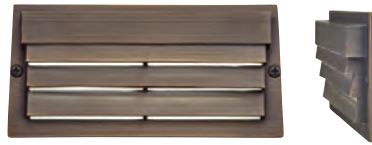
Name	Ripley™ LED		Copper Hat LED		Pierced Dome LED	
SKU #	15800BKT27R	15800BKT30R		15850CO30R	15857BKT27R	15857BKT30R
Finish	15800AZT27R	15800AZT30R			15857AZT27R	15857AZT30R
	15800CBR27	15800CBR30				
Watt/VA	4.3W/5.8VA		3W/4.5VA		2W/3VA	
Kelvin, Lumens & Efficacy	2700K, 294 lm, 67 lm/W	3000K, 302 lm, 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 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 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	Cast Hammered Roof LED		Shepherd's Crook LED	
SKU # Finish	15871TZZT27	15871TZZT	15807AZT27R	15807AZT30R
Watt/VA	2W/4.5VA		4.3W/5.8VA	
Kelvin, Lumens & Efficacy	2700K, 250 lm, 83 lm/W	3000K, 160 lm, 80 lm/W	2700K, 294 lm, 67 lm/W	3000K, 302 lm, 73 lm/W
Dimensions	8.25"W x 22"H		7"W x 8"L x 27"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. 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 .	



Name	Fundamentals™ LED		Conical Mini LED		Half Moon LED Deck Light	
SKU # Finish	16110AZT27 16110BKT27 16110CO27	16110AZT30 16110BKT30	15765AZT27R 15765BKT27R 15765WHT27R	15765AZT30R 15765BKT30R 15765WHT30R	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 Nuts. 72" of usable #18-2, SPT-1W leads, plus stainless steel Mounting Bracket and Hardware. White finish has coordinating white color leads.	



Name	Four Corners LED		Louvered Surface Mount Step Light LED		Contemporary Surface Mount Step Light 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 Surge Protection. Includes Diffuser, Mounting Hardware, Mounting Template, and Wire Connectors. 84" of usable 18 AWG 105 C, 300V, SPT-1W leads.		2000-Volt Fixture Surge Protection. Includes Diffuser, Mounting Hardware, Mounting Template, and Wire Connectors. 84" of usable 18 AWG 105 C, 300V, SPT-1W leads.	



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.	





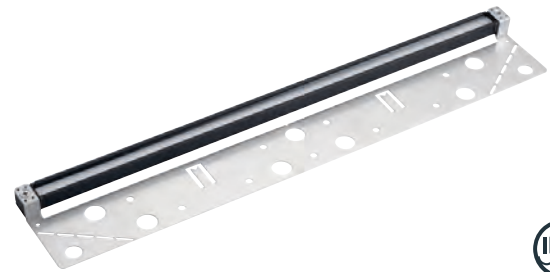
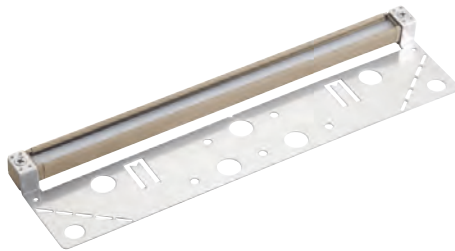
GENERAL FIXTURE SPACING GUIDELINE

SKU #	16100 (3.5")	16101 (6")	16102 (12")	16103 (18")
Mounting Height	Recommended Spacing (center-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. 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.	



Name	12" Hardscape LED		18" Hardscape 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. 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.	

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 15PL200AZT	15PL300AZT 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

12V

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



Low-Voltage Transformers

	SMART			PROFESSIONAL			CONTRACTOR			PLUS			MANUAL			STANDARD		
	15SCT300SS	300	Yes	15PR75SS	75	No	Yes	Yes	15V easy connect tap	1	1	2	2	2	2	2	15E120BK	120
Wattage (VA)				15PR100SS	100	No	Yes	Yes	(2) 15V easy connect angled taps	1	2	3	4	3	4	3	15E60BK	60
App controlled, Wi-Fi* enabled			Yes	15PR200SS	200	No	Yes	Yes	12, 13, 14, 15V easy connect taps	2	2	3	4	3	4	3		
Photo Cell Receptacle			No	15PR300SS	300	No	Yes	Yes	12, 13, 14, 15V easy connect taps	2	2	3	4	3	4	3	No	No
Timer Compatible			In app	15PR600SS	600	No	Yes	Yes	12, 13, 14, 15V easy connect taps	2	2	3	4	3	4	3	Built in	Built in
Taps & Terminal Block Configurations			(3) 15V easy connect taps	15PR900SS	900	No	Yes	Yes	12, 13, 14, 15V easy connect taps	3	3	4	5	4	5	4	Built in Timer	Built in Timer
Commons			3	15PR1200SS	1200	No	Yes	Yes	12, 13, 14, 15V easy connect taps	4	4	5	6	5	6	4	12.5V screw type taps	12.5V screw type taps
Zoning			3															
Thermal Cut Off Primary			Yes														Yes	Yes
Secondary Breaker			Mag														Therm	Therm
Core and Coil Type			Toroid														E.I.	E.I.
Power Cord			6' 3-wire # 18-3 SJTW														6' 2-wire # 18-2 SJTW	
Housing Finish			#304 Stainless Steel														Composite	

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](https://www.kichler.com/warranty).



12V Drop-In

57 ADJUSTABLE KITS

58 ACCENT LIGHTS

61 IN-GROUND

65 PATH & SPREAD

70 DECK & PATIO



Name	Adjustable Drop-In LED Accent Kit	
SKU # Finish	16193AZT 16193BKT	
Socket Type	MR16 Bi-Pin	
Dimensions	6.19"L x 2.44"W x 4.96"H	
Product Features	Customize the beam angle from a 35-degree flood to 60-degree wide flood with the use of the beam expander optic Change the color temperature to a warm white light with the warming lens	
Included Accessories	• Modern accent light • LED lamp: MR16, 35° flood, 3000K, 330 lumen • Warming lens • Beam expander optic – use to achieve a 60° wide flood • Lens clip • 2 Gel-Filled Wire Nuts • 8" slotted in-ground stake	



Name	Modern Drop-In Accent Light	
SKU # Finish	16193AZTNL 16193BKTNL	
Socket Type	MR16 Bi-Pin	
Dimensions	6.19"L x 2.44"W x 4.96"H	
Product Features	The MR16 bi-pin, fixed socket lamp base is optimized for our LED drop-in lamps, ensuring easy installation and light output selections Clear tempered, shock resistance glass with high tolerance for thermal expansion and stress Built-in, 1/2-inch extended cowl reduces glare and guides light to where you want it	
Included Accessories	2 Gel-Filled Wire Nuts 8" slotted in-ground stake	



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 • 2 Gel-Filled Wire Nuts • 8" slotted in-ground stake	



Name	Adjustable Drop-In LED Flood Kit	
SKU # Finish	16194AZT 16194BKT	
Socket Type	MR16 Bi-Pin	
Dimensions	3.4"L x 3.75"W x 5.28"H	
Product Features	Change the color temperature to a warm white light with the warming lens Built-in extended cowl reduces glare and guides light to where you want it	
Included Accessories	• 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" Mini MR16	
SKU # Finish	15384AZT 15384AZT24 15384BKB	15384BKT 15384BKT24 15384CBR
Socket Type	MR16 Bi-Pin	
Dimensions	2.5"W x 6"L x 3.66"H	
Included Accessories	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 35" of usable #18-2, SPT-1W leads.	
Optional Accessories	<i>Riser Stems AZT/BKT (1/2")</i> : 6" 15645 , 12" 15656 , 18" 15657 , 24" 15658 . Adjustable 15570 . Stem Coupler 15649 . <i>CBR (1/2")</i> : 3" 15509 , 6" 15510 , 12" 15511 , 18" 15512 , 24" 15513 . <i>Mounting Accessories AZT/BKT</i> : Surface Flange 15601 . Bracket 15607 . Tree Mount 15609 . Elbow 15647 . Gutter Mount 15489 .	



Long Cowl MR16	
SKU # Finish	15484AZT
Socket Type	MR16 Bi-Pin
Dimensions	2.5"W x 10"L x 4"H
Included Accessories	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 35" of usable #18-2, SPT-1W leads.
Optional Accessories	<i>CBR</i> : Mounting Base 15493 . Elbow 15514 . Two Fixture "T" 15515 . Bracket 15516 . Tree Mount 15609 . Gutter Mount 15489 . <i>Lens</i> : Hexcell Louver Shield 15679BK (for use with 15384 and 15484). <i>Stakes</i> : 8" 15575BK . 14" 15576BK . Power Post 15276BK .

NEW FINISH



Name	7.25" MR16
SKU # Finish	15309AZT 15309BKT
Socket Type	MR16 Bi-Pin
Dimensions	3"W x 7.25"L x 3.25"H
Included Accessories	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 51" of usable #18-2, SPT-1W leads.
Optional Accessories	<i>Riser Stems AZT/BKT (1/2")</i> : 6" 15645 , 12" 15656 , 18" 15657 , 24" 15658 . Adjustable 15570 . Stem Coupler 15649 . <i>CBR (1/2")</i> : 3" 15509 , 6" 15510 , 12" 15511 , 18" 15512 , 24" 15513 . <i>Mounting Accessories AZT/BKT</i> : Surface Flange 15601 . Bracket 15607 . Tree Mount 15609 . Elbow 15647 . Gutter Mount 15489 .



Name	7.5" Mini MR16
SKU # Finish	15374AZT 15374BKT
Socket Type	MR16 Bi-Pin, spring-loaded socket
Dimensions	3"W x 7.5"L x 3"H
Included Accessories	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 31" of usable #18-2, SPT-1W leads.
Optional Accessories	<i>CBR</i> : 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 .



Name	5" Brass MR16
SKU # Finish	15475BKB 15475CBR
Socket Type	MR16 Bi-Pin, spring-loaded socket
Dimensions	2.25"Dia. x 5.25"L
Included Accessories	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	<i>Riser Stems CBR (1/2")</i> : 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 . Locknut LK87CBR .

NEW FINISH

NEW FINISH



Name	Fixed Socket Adjustable Cowl MR16
SKU # Finish	15485CBR
Socket Type	MR16 Bi-Pin
Dimensions	2.5"W x 6"L x 2.5"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.
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 15276BK.



Name	Fixed Socket MR16
SKU # Finish	15517BKB 15517CBR
Socket Type	MR16 Bi-Pin
Dimensions	2.5"W x 10.25"L x 3"H
Included Accessories	Includes 8" Slotted Ground Stake, Locknut, and has convex glass. 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 15276BK.



Name	Adjustable Cowl MR8
SKU # Finish	15483BKB 15483CBR
Socket Type	MR8 Bi-Pin
Dimensions	1.5"W x 5"L x 1.5"H
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.
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 15276BK.

NEW FINISH



Name	Adjustable Cowl MR11
SKU # Finish	15484BKB 15484CBR
Socket Type	MR11 Bi-Pin
Dimensions	1.67"W x 5.7"L x 2.3"H
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.
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.



Name	Mini MR11
SKU # Finish	15398AZT
Socket Type	MR11 Bi-Pin
Dimensions	2"W x 5"L x 5"H
Included Accessories	Includes 8" Slotted Ground Stake, Locknut, and Gel-Filled Wire Nuts. 36" of usable #18-2, SPT-1W leads.
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. 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.



Name	Brass Uplight PAR36
SKU # Finish	15487CBR
Socket Type	Par36 Screw Terminal
Dimensions	4.5"W x 7.25"L x 5.75"H
Included Accessories	Includes 8" Slotted Ground Stake, Locknut, 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. Stakes: 8" 15575BK. 14" 15576BK. Power Post 15276BK.

Accent

NEW FINISH



Name	Mini 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	Includes 8" Slotted Ground Stake, 2 Gel-Filled Wire Nuts, and Locknut, plus Clear and Frosted Glass Lenses. 48" of usable #18-2, SPT-1W leads.		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	<i>Riser Stems AZT/BKT (1/2"):</i> 6" 15645 , 12" 15656 , 18" 15657 , 24" 15658 . Adjustable 15570 . Stem Coupler 15649 . <i>CBR (1/2"):</i> 3" 15509 , 6" 15510 , 12" 15511 , 18" 15512 , 24" 15513 . <i>Mounting Accessories AZT/BKT:</i> Surface Flange 15601 . Bracket 15607 . Tree Mount 15609 . Elbow 15647 . Gutter Mount 15489 . <i>CBR:</i> 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 .		<i>Riser Stems CBR (1/2"):</i> 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 .	<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 .



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	<i>Mounting Accessories AZT/BKT:</i> Surface Flange 15601 . Bracket 15607 . Tree Mount 15609 . Elbow 15647 . Gutter Mount 15489 . Locknut LK87CBR .	<i>Mounting Accessories:</i> Surface Flange 15601 . Bracket 15607 . Tree Mount 15609 . Elbow 15647 . Gutter Mount 15489 .	<i>Mounting Accessories:</i> Surface Flange 15601 . Bracket 15607 . Elbow 15647 . Gutter Mount 15489 .



Name	Recessed Basic Trim MR8	Recessed Louvered MR8	Recessed with Cowl MR8
SKU # Finish	15490BKB 15490CBR	15492BKB 15492CBR	15491BKB 15491CBR
Socket Type	MR8 Bi-Pin	MR8 Bi-Pin	MR8 Bi-Pin
Dimensions	2"Dia. x 3"L	2"Dia. x 3"L	2"Dia. x 3.44"L
Included Accessories	Drive-over rated. Includes 5.5" plastic sleeve. Works with 1.25" Schedule 40 PVC. 1.25" core drill option without sleeve. 48" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included.	Drive-over rated. Includes 5.5" plastic sleeve. Works with 1.25" Schedule 40 PVC. 1.25" core drill option without sleeve. 48" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included.	Drive-over rated. Includes 5.5" plastic sleeve. Works with 1.25" Schedule 40 PVC. 1.25" core drill option without sleeve. 48" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included.
Optional Accessories	Lamps: 2W MR8 18152-18157 .	Lamps: 2W MR8 18152-18157 .	Lamps: 2W MR8 18152-18157 .

In-Ground

NEW FINISH



NEW FINISH



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	<i>Lamps:</i> 4W MR16 18126-18133 and 18210-18215 , 5W MR16 18134-18141 , 7W MR16 18142-18149 and 18216-18221 .	<i>Lamps:</i> 4W MR16 18126-18133 and 18210-18215 , 5W MR16 18134-18141 , 7W MR16 18142-18149 and 18216-18221 .	<i>Lamps:</i> 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	<i>Lamps:</i> 4W MR16 18126-18133 and 18210-18215 , 5W MR16 18134-18141 , 7W MR16 18142-18149 and 18216-18221 .	<i>Lamps:</i> 4W MR16 18126-18133 and 18210-18215 , 5W MR16 18134-18141 , 7W MR16 18142-18149 and 18216-18221 .	<i>Lamps:</i> 4W MR16 18126-18133 and 18210-18215 , 5W MR16 18134-18141 , 7W MR16 18142-18149 and 18216-18221 .

In-Ground

12V

DROP-IN

NEW FINISH



NEW FINISH



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	<i>Lamps:</i> 4W PAR36 18170-18171 , 6W PAR36 18178-18181 , 10W PAR36 18184-18189 , 14W PAR36 18194-18197 .	<i>Lamps:</i> 4W PAR36 18170-18171 , 6W PAR36 18178-18181 , 10W PAR36 18184-18189 , 14W PAR36 18194-18197 .	CBR Rock Guard with Clear Lens 15482 . <i>Lamps:</i> 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



NEW FINISH



Name	Two Arm		Right Angle	Textured Bollard
SKU #	15844AZT	15844BKT	15846AZT	15848AZT
Finish	15844BKB	15844CBR	15846BKT	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. Cast Brass has 14" Slotted in-ground stake. 36" of usable #18-2, SPT-1W leads. Lamp sold separately.		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 15276BK. Surface Mounting Flange 15601AZT/BKT (needed for attachment to junction box). Lamps: 2.3W T5 18204-18205,* 1.5W T5 18120-18121 and 18224-18225, 1W T5 18198-18199.		Power Post Stake 15276BK. Surface Mounting Flange 15601AZT/BKT (needed for attachment to junction box). Lamps: 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. Lamps: 2.3W T5 18204-18205,* 1.5W T5 18120-18121.



NEW FINISH



Name	Tube	Small Hat Brass	Fundamentals™
SKU #	15845BKT	15506BKB	15439OB
Finish		15506CBR	15439TZT
Socket Type	T5 Wedge	T3/G4 Bi-Pin	S8 Wedge
Dimensions	2.25"W x 7"L x 23"H	4.25"W x 17.25"L x 4.25"H	6"W x 20.25"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 8" Slotted Ground Stake and Locknut. 48" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included. 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	Power Post Stake 15276BK. Surface Mounting Flange 15601AZT/BKT (needed for attachment to junction box). Lamps: 2.3W T5 18204-18205,* 1.5W T5 18120-18121 and 18224-18225, 1W T5 18198-18199.	CBR 3" Mounting Base 15493. 14" Stake 15576BK. Power Post 15276BK. Lamps: 2.3W T3/G4 18206-18207,* 2.3W T3/G4 18206-18207.	Surface Mounting Flange 15601. Surface Mounting Bracket 15607. 14" Stake 15576BK. Power Post 15276BK. Lamps: 2.3W S8 18202-18203.*

Path & Spread



Name	Eclipse™		Eclipse™ Side Mount		8" Dome	
SKU #	15323AZT		15423AZT		15310AZT	
Finish	15323BKT		15423BKT		15310BKT	
Socket Type	S8 Wedge		S8 Wedge		T5 Wedge	
Dimensions	4.5"W x 18.5"H		4.5"W x 19.5"H		8.25"W x 21"H	
Included Accessories	Includes 8" Slotted Ground Stake, 18" Stem, Locknut and Gel-Filled Wire Nuts. 34" of usable #18-2, SPT-1W leads. Lamp sold separately.		Includes 8" Slotted Ground Stake, Locknut and Gel-Filled Wire Nuts. 34" 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 . Lamps: 2.3W S8 18202-18203 .*		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 .	



NEW FINISH



Name	Short 8" Dome	6" Dome	Stepped Dome
SKU #	15410AZT	15470AZT	15505BKB
Finish		15470BKT	15505CBR
		15470CBR	
Socket Type	T5 Wedge	T5 Wedge	T3/G4 Bi-Pin
Dimensions	8.25"W x 15"H	6"W x 21"H	6.25"W x 6.25"L x 20.25"H
Included Accessories	Includes 8" Slotted Ground Stake, Locknut and Gel-Filled Wire Nuts. 30" of usable #18-2, SPT-1W leads. Lamp sold separately.	Includes 8" Slotted Ground Stake, 18" Stem and Locknut. 24" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts included with AZT and BKT. Gel-Filled Wire Nuts not included with CBR. Lamp sold separately.	Includes 8" Slotted Ground Stake, Locknut and Gel-Filled Wire Nuts. 48" 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 T5 18204-18205 *, 1.5W T5 18224-18225 .	CBR 3" Mounting Base 15493 . 14" Stake 15576BK . Power Post 15276BK . Lamps: 2.3W T3/G4 18206-18207 *, 2.3W T3/G4 18206-18207 .

Path & Spread

12V

DROP-IN

NEW FINISH



Name	Traditional Dome		Adjustable Height Small	Adjustable Height Large
SKU # Finish	15478AZT 15478BKB	15478BKT 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, Locknut and Gel-Filled Wire Nuts. 48" of usable #18-2, 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.	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, BKT . 3" Round Mounting Base 15493CBR . 14" In-ground Support Stake 15576BK . Power Post 15276BK . Lamps: 2.3W T3/G4 18206-18207* , 2.3W T3/G4 18206-18207 .		CBR 3" Mounting Base 15493 . 14" Stake 15576BK . Power Post 15276BK . Lamps: 2.3W T3/G4 18206-18207* , 2.3W T3/G4 18206-18207 .	CBR 3" Mounting Base 15493 . 14" Stake 15576BK . Power Post 15276BK . Lamps: 2.3W T3/G4 18206-18207* , 2.3W T3/G4 18206-18207 .



Name	Missionary Solid Brass	Conical Center Mount	Conical Side Mount
SKU # Finish	15480CBR	15326AZT 15326BKT	15315AZT 15315BKT
Socket Type	T3/G4 Bi-Pin	S8 Wedge	S8 Wedge
Dimensions	8.5"W x 8.5"L x 23.25"H	6"W x 22.75"H	6"W x 19.5"H
Included Accessories	Includes 8" Slotted Ground Stake and Locknut. 30" of usable #18-2, SPT-1W leads. Gel-Filled Wire Nuts not included. Brass will naturally patina over time. 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, 18" Stem, Locknut, and Gel-Filled Wire Nuts. 34" of usable #18-2, SPT-1W leads. Lamp sold separately.
Optional Accessories	3" Round Mounting Base 15493CBR . 14" In-ground Support Stake 15576BK . Power Post 15276BK . Lamps: 2.3W T3/G4 18206-18207* , 2.3W T3/G4 18206-18207 .	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* .

Path & Spread



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 . Lamps: 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*

Path & Spread



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 . Lamps: 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 . Lamps: 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 & Down Deck Light
SKU # Finish	15064AZT	15079AZT 15079BKT 15079CBR
Socket Type	T3/G4 Bi-Pin	Mini Ceramic T5 Wedge
Dimensions	4"W x 2"L x 4"H	2.25"W x 3.25"L x 6"H
Included Accessories	Includes Gel-Filled Wire Nuts. 72" of usable #18-2, SPT-1W leads.	Includes Stainless Steel Screws and Mounting Hardware. BKT & CBR includes Heat-Resistant Lens. AZT lens 15659AZT sold separately. 70" of usable #18-2, SPT-1W leads.
Optional Accessories	Lamps: 1W T3/G4 18200-18201,* 1.5W T3/G4 18222-18223.	Lamps: 1W T5 18198-18199 and 2.3W T5 18204-18205.



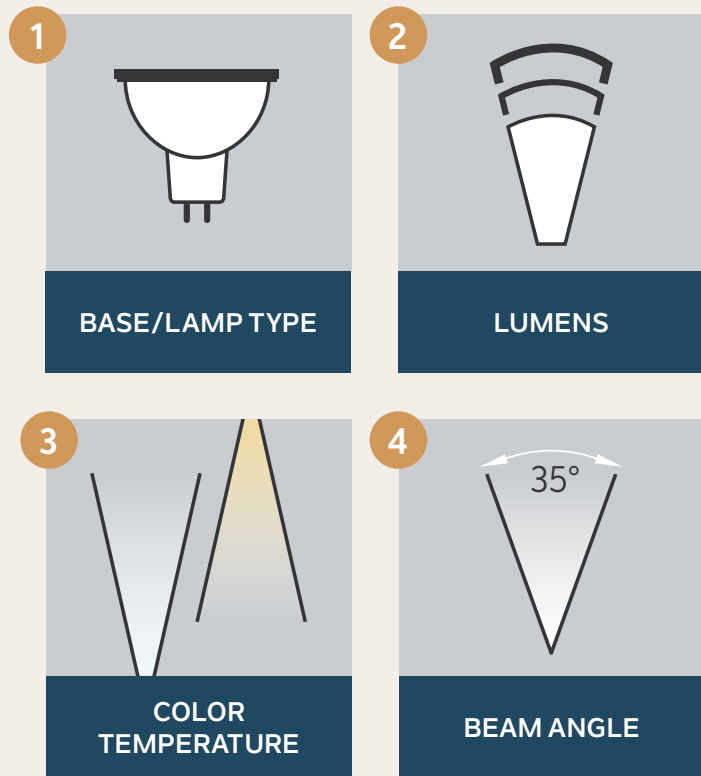
Name	Small Downlight Sconce	Large Up & Down Sconce	Mini Louvered Step Light
SKU # Finish	15795BKB 15795CBR	15794BKB 15794CBR	15072AZT
Socket Type	MR16 Bi-Pin	MR16 Bi-Pin	T5 Wedge
Dimensions	2.5"W x 4.25"D x 5"H	2.5"W x 4.25"D x 7"H	5"W x 2.5"L x 3.5"H
Included Accessories	Includes Stainless Steel Screws 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	<i>Lamps:</i> 4W MR16 18126-18133 and 18210-18215 , 5W MR16 18134-18141 , 7W MR16 18142-18149 and 18216-18221 .	<i>Lamps:</i> 4W MR16 18126-18133 and 18210-18215 , 5W MR16 18134-18141 , 7W MR16 18142-18149 and 18216-18221 .	<i>Lamps:</i> 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	<i>Lamps:</i> 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 .	<i>Lamps:</i> 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.



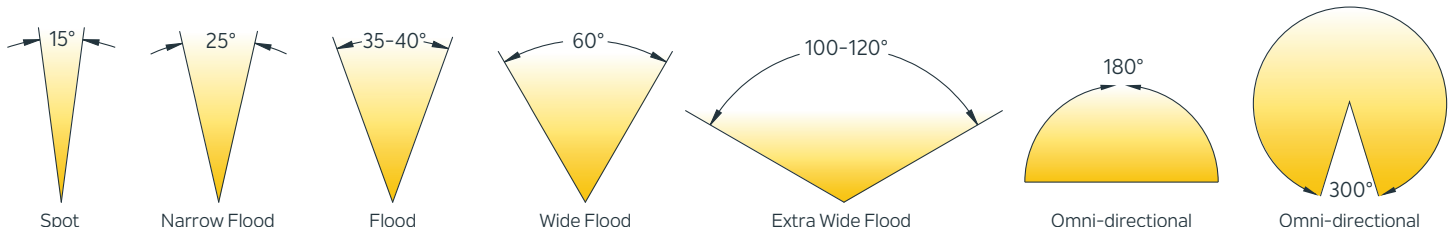
WARM WHITE - 2700K

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

OMNI-DIRECTIONAL LAMPS

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

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

Professional Series

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

OMNI-DIRECTIONAL LAMPS

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

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

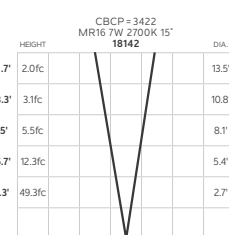
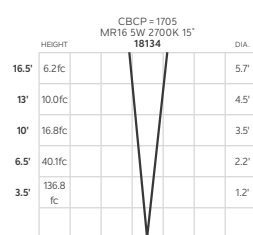
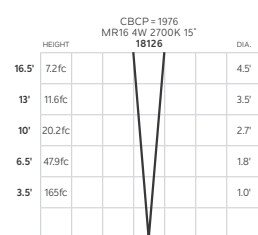
LAMP	BASE/ LAMP TYPE	WATTAGE	KELVIN/LUMENS (lm for Bare Lamps)	ORDERING INFO	
				180° Omni-Directional	300° Omni-Directional
	T5 Wedge Mini Ceramic Wet Location 	1W, 1.2VA Compares up to 10W Halogen	2700K - 85 lm	18198	--
			3000K - 85 lm	18199	--
	T3/G4 Bi-Pin Micro Ceramic Wet Location 	1W, 1.2VA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

Popular 12V Lamp Photometrics

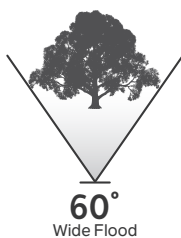
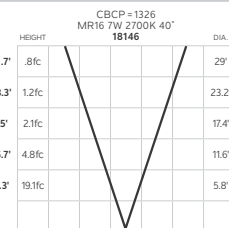
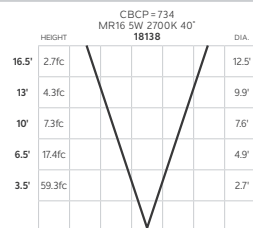
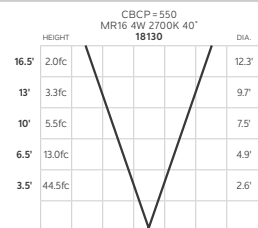
The curves indicate the illuminated area and the average illumination when the luminaire is at different distances. Stated footcandles are for bare lamps only. For additional landscape product information tools and resources, visit Kichler.com/Landscape.



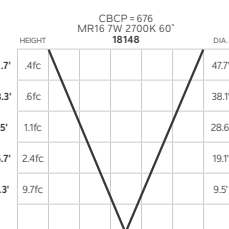
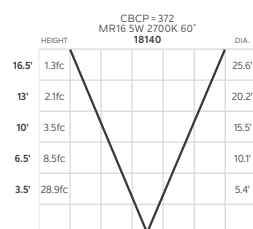
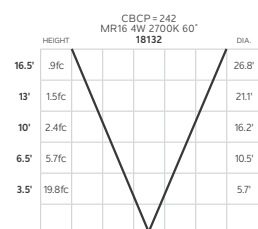
MR16
2700K -
Warm White



MR16
2700K -
Warm White



MR16
2700K -
Warm White





12V and 120V Accessories

77 ACCENT LIGHT
ACCESSORIES

79 VLO
ACCESSORIES

80 MINI
ALL-PURPOSE
IN-GROUND

81 IN-GROUND
ACCESSORIES

82 TRANSFORMER
ACCESSORIES

Accessories

						
Name	Fixture Mounting Stems 1/4" NPSM Thd.		Fixture Mounting Stems 1/2" NPSM Thd.		Accent Adjustable Height Stem	Bollard Template Kit
SKU & Finish	15651AZT 15652AZT	12" 18"	15645AZT, BKT 15656AZT, BKT 15657AZT, BKT 15658AZT, BKT	6" 12" 18" 24"	15570AZT 15570BKT	15671ST
Notes	1/4" NPSM		1/2" NPSM. Coupler 15649 or Elbow 15647 needed for accent light use.		1/2-14 NPSM stems will require additional Coupler 15649 or Elbow 15647 for accent light use. Extends from 18" to 33".	For use with all bollard mounting kits on 12V and 120V fixtures.

					NEW FINISH 
Name	Bollard Mounting Stake	Polymeric Support Stakes		Power Post Stake	Male and Female Riser
SKU & Finish	15578BK	15575BK 15576BK	8" 14"	15276BK	15509BKB, CBR 3" 15510BKB, CBR 6" 15511BKB, CBR 12" 15512BKB, CBR 18" 15513BKB, CBR 24"
Notes	For use with all bollard mounting kits on 12V and 120V fixtures.			Works with 1/2 NPSM threaded fixtures.	No couplers needed.

NEW FINISH		NEW FINISH		
				
Name	3" Round Mounting Base	90 Degree Elbow	90 Degree Elbow	Stem Coupler
SKU & Finish	15493BKB 15493CBR	15647AZT	15514BKB 15514CBR	15649AZT 15649BKT
Notes				1/2-14 NPSM Thd.

NEW FINISH

			
Name	Two Fixture Mount	4" Surface Mounting Flange	Flange Mounting Nipple
SKU & Finish	15515BKB 15515CBR	15601AZT 15601BKT 15601WHT	15602AL
Notes	1/2-14 NPSM Thd.	1/2-14 NPSM Thd.	1/2-14 NPSM Thd.

Accessories

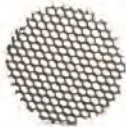


16016BKT with 15489CBR Gutter Mount

NEW FINISH



Name	Surface Mounting Bracket	Tree Bracket	Junction Box Mounting Bracket	Gutter Mount
SKU & Finish	15607AZT 15607BKT	15516BKB 15516CBR	15609AZT 15609BKT 15609CBR	15489CBR
Notes	1/2-14 NPSM Thd.	1/2-14 NPSM Thd.	1/2-14 NPSM Thd.	1/2-14 NPSM Thd.



Name	Mini Accent and Well Hexcell Louver	Up/Down Deck Light Heat-Resistant Lens	6" Long Cowl
SKU & Finish	15679BK	15659AZT	16076AZT 16076BKT 16076CBR
Notes	For drop-in Accents 15384, 15484, 15494.	For Deck Light 15079.	For LED Accent 16150-16158.

VLO Accessories



Name	VLO Hexcell Louver		VLO Beam Expander	
SKU & Finish	16073BK	16075BK	16090FRO	16091FRO
Notes	For VLO Small Accent 16015-16017.	For VLO Large Accent 16018-16020, VLO High Lumen 16160-16162, VLO In-Ground 16023-16025.	For VLO Small Accent 16015-16017. <i>Widens VLO fixture beam angle on average of 30°.</i>	For VLO Large Accent 16018-16020, VLO High Lumen 16160-16162, VLO In-Ground 16023-16025.



Name	Long Cowl for VLO Small Accent	Long Cowl for VLO Large Accent
SKU & Finish	16067AZT 16067BKT 16067CBR	16068AZT 16068BKT 16068CBR
Notes	For VLO Small Accent 16015-16017.	For VLO Large Accent 16018-16020, VLO High Lumen 16160-16166.



Name	VLO Underwater Weighted Base	VLO In-Ground Side Fire	VLO In-Ground Four-Way	VLO In-Ground Cowl
SKU & Finish	16084BK	16093CBR	16094CBR	16095CBR
Notes	For VLO Underwater 16027.	For VLO In-Ground 16023-16025. Includes plastic dome lens that directs light out of the accessory opening for superior distribution.	For VLO In-Ground 16023-16025. Includes plastic dome lens that directs light out of the accessory opening for superior distribution.	For VLO In-Ground 16023-16025.



Name	VLO In-Ground Rock Guard	VLO In-Ground Lens Clip	VLO In-Ground Concrete Kit
SKU & Finish	16096CBR	16097BK	16099BK
Notes	For VLO In-Ground 16023-16025.	For VLO In-Ground 16023-16025. Works with VLO lenses, VLO Beam Expander and VLO Hexcell Louver.	For VLO In-Ground 16023-16025.

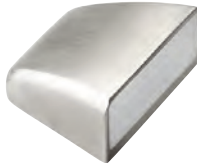
Mini All-Purpose Accessories



16141SS with 16145SS 4-Way Opening



16141CBB with 16148CBB Single Opening

NEW FINISH 			NEW FINISH  			NEW FINISH  			NEW FINISH 					
Name			LED Mini All-Purpose Cowl			LED Mini All-Purpose Side Fire Sconce			LED Mini All-Purpose Single Opening			LED Mini All-Purpose 2-Way Opening		
SKU & Finish			16142BKB 16142CBR 16142SS			16143BKB 16143CBR 16143SS			16148BKB 16148CBR 16148SS			16144BKB 16144CBR 16144SS		
Notes			For Mini All Purpose Recessed 16140, 16141. Not recommended for drive-over.			For Mini All Purpose Recessed 16140, 16141. Drive-over rated to 1,500 lbs.			For Mini All Purpose Recessed 16140, 16141. Drive-over rated to 1,500 lbs.			For Mini All Purpose Recessed 16140, 16141. Not recommended for drive-over.		

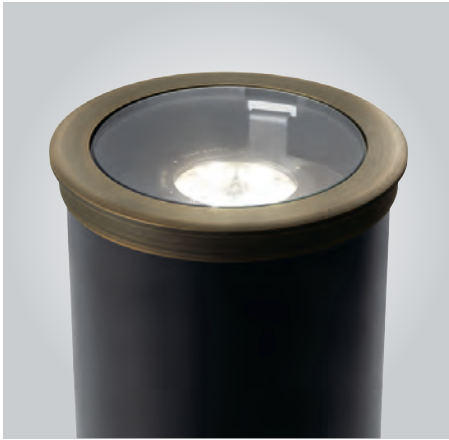
NEW FINISH		NEW FINISH		NEW FINISH		NEW FINISH						
												
Name	LED Mini All-Purpose 4-Way Opening			LED Mini All-Purpose Louver			LED Mini All-Purpose Honeycomb			LED Mini All-Purpose Square Trim		
SKU & Finish	16145BKB 16145SS			16146BKB 16146SS			16149BKB 16149SS			16147BKB 16147SS		
Notes	For Mini All Purpose Recessed 16140, 16141. Not recommended for drive-over.			For Mini All Purpose Recessed 16140, 16141. Drive-over rated to 1,500 lbs.			For Mini All Purpose Recessed 16140, 16141. Drive-over rated to 1,500 lbs.			For Mini All Purpose Recessed 16140, 16141. Drive-over rated to 1,500 lbs.		

			
Name		LED Mini All-Purpose Blunt Cut Ground Stake	
SKU & Finish		16182BK	
Notes		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	Uni-Sleeve Brass Trim	Uni-Sleeve Brass Rock Guard	LED Well Light Rock Guard
SKU & Finish	16190BK	16191CBR	16192CBR	15787BK
Notes	Accepts any 1/2" threaded accent fixture.	For uni-sleeve 16190BK.	For uni-sleeve 16190BK.	For uni-sleeve 16190BK.



15481CBR In-ground works with 15482CBR Rock Guard

Name	PAR36 Well Light Heat-Resistant Lens	Rock Guard 7" Glare Shield
SKU & Finish	15689BK	15694AZ
Notes	For drop-in PAR36 well light 15088BK.	For drop-in In-Ground 15194AZ and 120V In-Ground 15268AZ.



Name	Solid Brass Rock Guard with Clear Lens
SKU & Finish	15482CBR
Notes	For drop-in In-Ground 15481CBR.



Transformer Accessories



15CS300SS with 16085BK Smart Control Timer



15556WH shown installed



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.



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



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



120V-277V Landscape Lighting





120V-277V Integrated LED

87 ACCENT LIGHTS

88 FLOOD LIGHTS

89 IN-GROUND



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

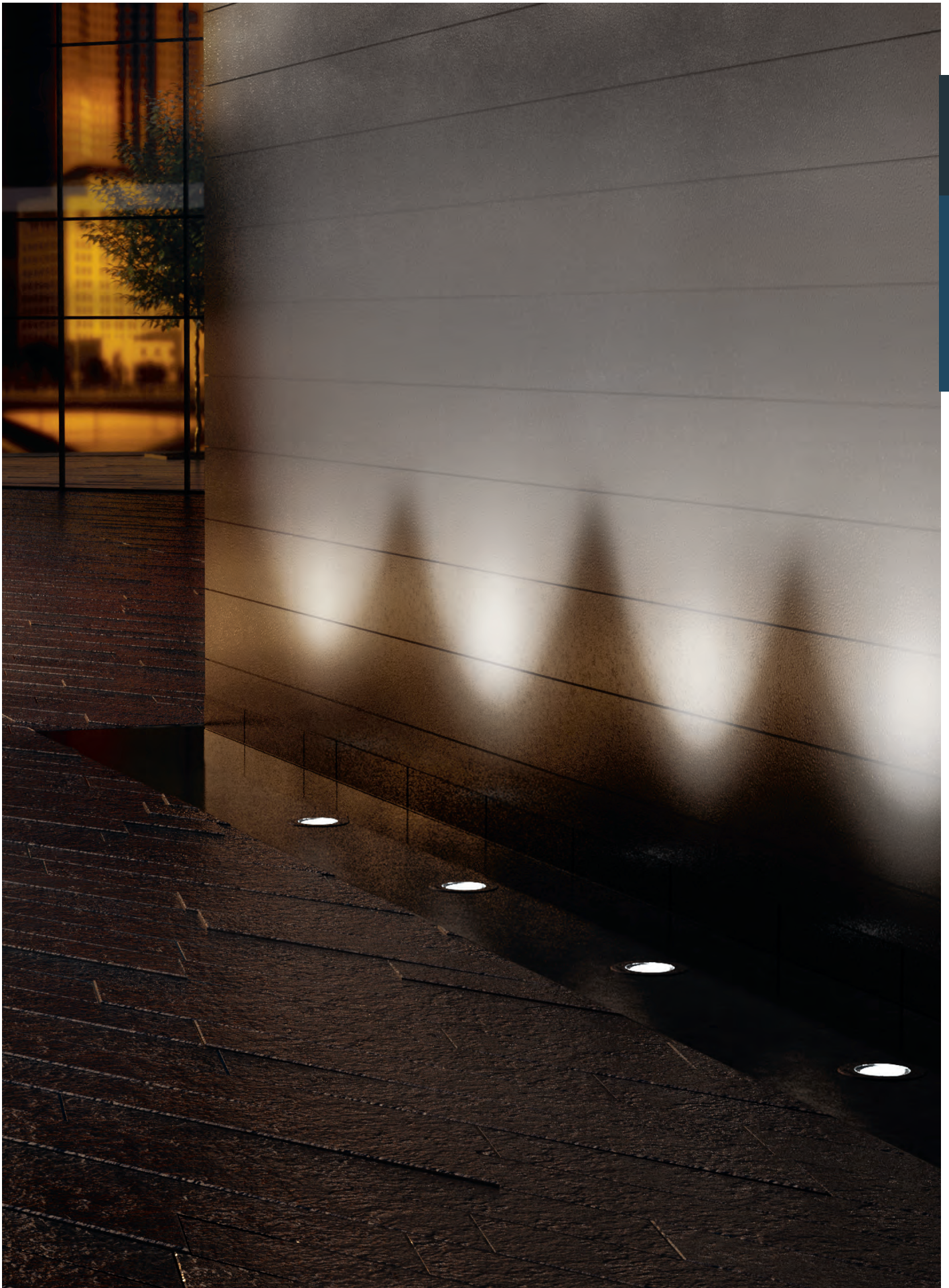


Name	C-Series 12W Small Flood	C-Series 23W Small Flood
SKU # Finish Beam Angle	16221AZT30	16222AZT30
Watt/pf	12W/.9pf	23W/.9pf
Kelvin, Lumens & Efficacy	3000K, 1120 lm, 89 lm/W	3000K, 2050 lm, 86 lm/W
Dimensions	6"W x 7"L x 7"H	6"W x 7"L x 7"H
Included Accessories	Includes 3 gel-filled wire nuts.	Includes 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



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 .





120V Drop-In

91 ACCENT &
IN-GROUND

92 PATH & SPREAD

Accent



Name	4" Small Accent	5" Medium Accent	7" Large 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 .

120V
DROP-IN

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 .





Flared Path Light,
Textured Black
16262BKT



Nintety Degree
Path Light,
Centennial Brass
16261CBR

Finish Guide

NEW FINISH



AGZ
Aged Bronze



AZ
Architectural Bronze™



AZT
Textured Architectural Bronze™



BK
Black



BKB
Black Brass*



BKT
Textured Black



CBR
Centennial Brass*



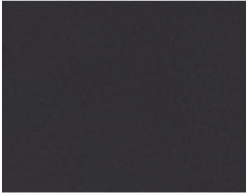
CO
Copper



GRY
Textured Gray



OB
Olde Brick®



OZ
Olde Bronze®



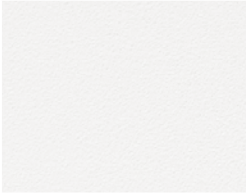
SD
Textured Sand



SS
Stainless Steel

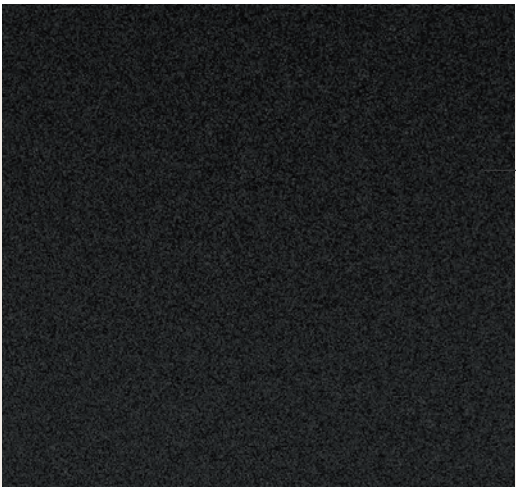


TZT
Textured Tannery Bronze™



WH, WHT
Textured White

**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.



Photometrics

97	VLO COLLECTION	100	12V LED ACCENT	101	12V LED HARDSCAPE	102	12V LED PATH LIGHTS	107	120V-277V C-SERIES
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12V VLO SMALL ACCENT

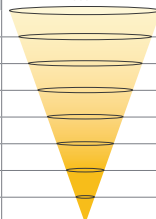
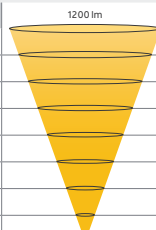
LEVEL 1 LUMENS	Item Number	16015 (Low - 100 lm)			16016 (Low - 100 lm)			16017 (Low - 100 lm)				
	Beam Angle	15° Narrow Spot			35° Flood			60° Wide Flood				
	Max Candela	2122			452			179				
	Ft. Away	Foot-candles	Beam Width		Ft.	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width		
	60'	0.3		13.7'	40'	0.2		24.5'	40'	0.1		46.2'
	48'	0.5		10.9'	32'	0.3		19.6'	32'	0.1		37'
	36'	1		8.2'	24'	0.5		14.7'	24'	0.2		27.7'
	24'	2.1		5.5'	16'	1		9.8'	16'	0.4		18.5'
	12'	8.6		2.7'	8'	4.1		4.9'	8'	1.7		9.2'
	8'	19.3		1.8'	4'	16.5		2.5'	4'	6.8		4.6'
LEVEL 2 LUMENS	Item Number	16015 (Mid - 200 lm)			16016 (Mid - 200 lm)			16017 (Mid - 200 lm)				
	Beam Angle	15° Narrow Spot			35° Flood			60° Wide Flood				
	Max Candela	3827			789			311				
	Ft. Away	Foot-candles	Beam Width		Ft.	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width		
	60'	0.6		13.7'	40'	0.3		24.5'	40'	0.1		46.2'
	48'	0.9		10.9'	32'	0.5		19.6'	32'	0.2		37'
	36'	1.6		8.2'	24'	0.9		14.7'	24'	0.3		27.7'
	24'	3.6		5.5'	16'	1.9		9.8'	16'	0.8		18.5'
	12'	14.5		2.7'	8'	7.7		4.9'	8'	3.1		9.2'
	8'	32.6		1.8'	4'	30.9		2.5'	4'	12.3		4.6'
LEVEL 3 LUMENS	Item Number	16015 (High - 300 lm)			16016 (High - 300 lm)			16017 (High - 300 lm)				
	Beam Angle	15° Narrow Spot			35° Flood			60° Wide Flood				
	Max Candela	5382			1118			438				
	Ft. Away	Foot-candles	Beam Width		Ft.	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width		
	60'	0.8		13.7'	40'	0.5		24.5'	40'	0.2		46.2'
	48'	1.3		10.9'	32'	0.7		19.6'	32'	0.3		37'
	36'	2.3		8.2'	24'	1.2		14.7'	24'	0.5		27.7'
	24'	5.2		5.5'	16'	2.8		9.8'	16'	1.1		18.5'
	12'	21		2.7'	8'	11.1		4.9'	8'	4.4		9.2'
	8'	47.2		1.8'	4'	44.5		2.5'	4'	17.6		4.6'

12V VLO LARGE ACCENT

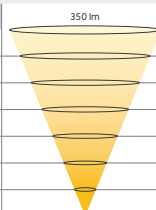
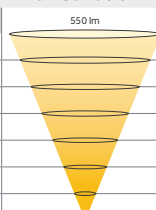
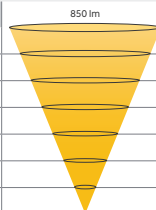
LEVEL 1 LUMENS	Item Number	16018 (Low - 400 lm)			16019 (Low - 400 lm)			16020 (Low - 400 lm)				
	Beam Angle	15° Narrow Spot			35° Flood			60° Wide Flood				
	Max Candela	3521			948			396				
	Ft. Away	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width			
	60'	0.7		15.8'	40'	0.4		24.5'	40'	0.2		49'
	48'	1.1		12.6'	32'	0.6		19.6'	32'	0.3		39.2'
LEVEL 2 LUMENS	36'	2		9.5'	24'	1		14.7'	24'	0.5		29.4'
	24'	4.5		6.3'	16'	2.3		9.8'	16'	1.1		19.6'
	12'	17.9		3.2'	8'	9.3		4.9'	8'	4.3		9.8'
	8'	40.2		2.1'	4'	37.3		2.5'	4'	17.1		4.9'
	Item Number	16018 (Mid - 600 lm)			16019 (Mid - 600 lm)			16020 (Mid - 600 lm)				
	Beam Angle	15° Narrow Spot			35° Flood			60° Wide Flood				
LEVEL 3 LUMENS	Max Candela	4925			1315			560				
	Ft. Away	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width			
	60'	1.3		15.8'	40'	0.7		24.5'	40'	0.3		49'
	48'	2.1		12.6'	32'	1		19.6'	32'	0.5		39.2'
	36'	3.7		9.5'	24'	1.8		14.7'	24'	0.8		29.4'
	24'	8.3		6.3'	16'	4.1		9.8'	16'	1.8		19.6'
LEVEL 4 LUMENS	12'	33.2		3.2'	8'	16.4		4.9'	8'	7.3		9.8'
	8'	74.7		2.1'	4'	65.6		2.5'	4'	29.1		4.9'
	Item Number	16018 (High - 835 lm)			16019 (High - 835 lm)			16020 (High - 835 lm)				
	Beam Angle	15° Narrow Spot			35° Flood			60° Wide Flood				
	Max Candela	6576			1816			750				
	Ft. Away	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width			
LEVEL 5 LUMENS	60'	1.8		15.8'	40'	0.9		24.5'	40'	0.4		49'
	48'	2.8		12.6'	32'	1.3		19.6'	32'	0.6		39.2'
	36'	5		9.5'	24'	2.4		14.7'	24'	1.1		29.4'
	24'	11.2		6.3'	16'	5.4		9.8'	16'	2.6		19.6'
	12'	44.8		3.2'	8'	21.5		4.9'	8'	10.2		9.8'
	8'	100.8		2.1'	4'	86		2.5'	4'	40.8		4.9'

VLO Photometrics

12V VLO HIGH LUMEN ACCENT

LEVEL 1 LUMENS	Item	16160 (Low - 1000 lm)				Item	16161 (Low - 1000 lm)				Item	16162 (Low - 1000 lm)			
	Beam	15° Narrow Spot				Beam	35° Flood				Beam	60° Wide Flood			
	Candela	Max Candela: 12,200				Candela	Max Candela: 2,394				Candela	Max Candela: 830			
	Distance	fc		Beam Width	Distance	fc		Beam Width	Distance	fc		Beam Width	Distance	fc	Beam Width
	84'	1.7		18'	84'	0.3		42'	84'	0.1		120'	84'		
	72'	2.4		15'	72'	0.5		36'	72'	0.2		103'	72'		
	60'	3.4		13'	60'	0.7		30'	60'	0.2		86'	60'		
	48'	5.3		10'	48'	1		24'	48'	0.4		68.5'	48'		
LEVEL 2 LUMENS	Item	16160 (High - 1200 lm)				Item	16161 (High - 1200 lm)				Item	16162 (High - 1200 lm)			
	Beam	15° Narrow Spot				Beam	35° Flood				Beam	60° Wide Flood			
	Candela	Max Candela: 14,600				Candela	Max Candela: 2,872				Candela	Max Candela: 996			
	Distance	fc		Beam Width	Distance	fc		Beam Width	Distance	fc		Beam Width	Distance	fc	Beam Width
	84'	2.1		18'	84'	0.4		42'	84'	0.1		120'	84'		
	72'	2.8		15'	72'	0.6		36'	72'	0.2		103'	72'		
	60'	4.1		13'	60'	0.8		30'	60'	0.3		86'	60'		
	48'	6.4		10'	48'	1.2		24'	48'	0.4		68.5'	48'		

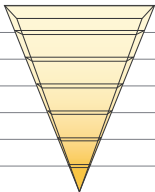
12V VLO IN-GROUND

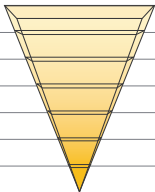
LEVEL 1 LUMENS	Item	16023 (Low - 350 lm)				Item	16024 (Low - 350 lm)				Item	16025 (Low - 350 lm)			
	Beam	15° Narrow Spot				Beam	35° Flood				Beam	60° Wide Flood			
	Candela	Max Candela: 3699				Candela	Max Candela: 883				Candela	Max Candela: 287			
	Distance	fc		Beam Width	Distance	fc		Beam Width	Distance	fc		Beam Width	Distance	fc	Beam Width
	60'	0.8		15.8'	60'	0.2		35.5'	60'	0.1		82.5'	60'		
	50'	1.1		13.2'	50'	0.3		29.6'	50'	0.1		68.7'	50'		
	40'	1.7		10.5'	40'	0.4		23.7'	40'	0.1		55.0'	40'		
	30'	3.1		7.9'	30'	0.7		17.8'	30'	0.2		41.2'	30'		
LEVEL 2 LUMENS	Item	16023 (Mid - 550 lm)				Item	16024 (Mid - 550 lm)				Item	16025 (Mid - 550 lm)			
	Beam	15° Narrow Spot				Beam	35° Flood				Beam	60° Wide Flood			
	Candela	Max Candela: 5651				Candela	Max Candela: 1344				Candela	Max Candela: 441			
	Distance	fc		Beam Width	Distance	fc		Beam Width	Distance	fc		Beam Width	Distance	fc	Beam Width
	60'	1.2		15.8'	60'	0.3		35.5'	60'	0.1		82.5'	60'		
	50'	1.7		13.2'	50'	0.4		29.6'	50'	0.1		68.7'	50'		
	40'	2.6		10.5'	40'	0.6		23.7'	40'	0.2		55.0'	40'		
	30'	4.7		7.9'	30'	1.1		17.8'	30'	0.3		41.2'	30'		
LEVEL 3 LUMENS	Item	16023 (High - 850 lm)				Item	16024 (High - 850 lm)				Item	16025 (High - 850 lm)			
	Beam	15° Narrow Spot				Beam	35° Flood				Beam	60° Wide Flood			
	Candela	Max Candela: 7913				Candela	Max Candela: 1858				Candela	Max Candela: 601			
	Distance	fc		Beam Width	Distance	fc		Beam Width	Distance	fc		Beam Width	Distance	fc	Beam Width
	60'	1.6		15.8'	60'	0.4		35.5'	60'	0.1		82.5'	60'		
	50'	2.4		13.2'	50'	0.5		29.6'	50'	0.2		68.7'	50'		
	40'	3.7		10.5'	40'	0.8		23.7'	40'	0.3		55.0'	40'		
	30'	6.6		7.9'	30'	1.5		17.8'	30'	0.5		41.2'	30'		

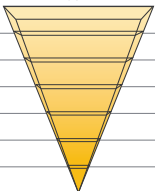
VLO Photometrics

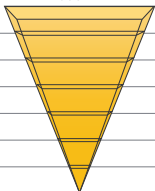
PHOTOMETRICS

12V VLO MINI WALL WASH

LEVEL 1 LUMENS	Item	16026 (Low - 150 lm)			
	Beam Angle	6x5 NEMA Flood			
	Max. Candela	79.7			
	Distance in Feet	Foot-candles Average*		Beam Width	
				Vert.	Horiz.
	20'	0.2		30'	46'
	15'	0.4		22.6'	34.5'
	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		3'	4.6'

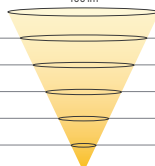
LEVEL 2 LUMENS	Item	16026 (Mid - 300 lm)			
	Beam Angle	6x5 NEMA Flood			
	Max. Candela	159.5			
	Distance in Feet	Foot-candles Average*		Beam Width	
				Vert.	Horiz.
	20'	0.4		30'	46'
	15'	0.7		22.6'	34.5'
	10'	1.6		15'	23'
	8'	2.5		12'	18.4'
	6'	4.5		9'	13.8'
	4'	10.0		6'	9'
	2'	39.9		3'	4.6'

LEVEL 3 LUMENS	Item	16026 (Mid - 450 lm)			
	Beam Angle	6x5 NEMA Flood			
	Max. Candela	239.2			
	Distance in Feet	Foot-candles Average*		Beam Width	
				Vert.	Horiz.
	20'	0.6		30'	46'
	15'	1.1		22.6'	34.5'
	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		3'	4.6'

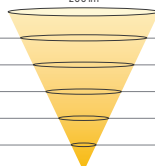
LEVEL 4 LUMENS	Item	16026 (High - 600 lm)			
	Beam Angle	6x5 NEMA Flood			
	Max. Candela	319.0			
	Distance in Feet	Foot-candles Average*		Beam Width	
				Vert.	Horiz.
	20'	0.8		30'	46'
	15'	1.4		22.6'	34.5'
	10'	3.2		15'	23'
	8'	5.0		12'	18.4'
	6'	8.9		9'	13.8'
	4'	19.9		6'	9'
	2'	79.7		3'	4.6'



12V VLO UNDERWATER

LEVEL 1 LUMENS	Item	16027 (Low - 100 lm)		
	Beam Angle	60° Wide Flood		
	CBCP*	105.3 at Horizontal 180°, Vertical 13°		
	Distance	Foot-candles		Beam Width
	40'	.06		50'
	32'	.09		40'
	24'	.16		30'
	16'	.36		20'
	8'	1.4		10'
	4'	5.7		5'

LEVEL 3 LUMENS	Item	16027 (High - 400 lm)		
	Beam Angle	60° Wide Flood		
	CBCP*	385.6 at Horizontal 135°, Vertical 15°		
	Distance	Foot-candles		Beam Width
	40'	.22		50'
	32'	.34		40'
	24'	.60		30'
	16'	1.4		20'
	8'	5.5		10'
	4'	21.5		5'

LEVEL 2 LUMENS	Item	16027 (Mid - 200 lm)		
	Beam Angle	60° Wide Flood		
	CBCP*	214.2 at Horizontal 135°, Vertical 16°		
	Distance	Foot-candles		Beam Width
	40'	.12		50'
	32'	.18		40'
	24'	.32		30'
	16'	.72		20'
	8'	2.9		10'
	4'	11.5		5'

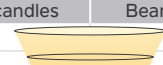
*Center Beam Candle Power measured in candela.

12V LED Photometrics

200 LM 12V ACCENT

Item Number	16150			16151			16152				
Beam Angle	10° Spot			35° Flood			60° Wide Flood				
Max Candela	3867			527			221				
Ft. Away	Foot-candles	Beam Width		Ft.	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width		
60'	0.7		11.1	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'	17.1		2.2	8'	5.4		4.9	8'	2.1		8.3
8'	38.4		1.5	4'	21.7		2.5	4'	8.3		4.2

300 LM 12V ACCENT

Item Number	16153			16154			16155				
Beam Angle	10° Spot			35° Flood			60° Wide Flood				
Max Candela	5213			738			282				
Ft. Away	Foot-candles		Beam Width	Ft.	Foot-candles		Beam Width	Ft.	Foot-candles		Beam Width
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'	7.4		4.6	16'	1.9		9.9	16'	0.8		17.4
12'	29.4		2.3	8'	7.6		5	8'	2.7		8.7
8'	66.2		1.5	4'	30.5		2.5	4'	10.7		4.3

500 LM 12V ACCENT

Item Number	16156			16157			16158		
Beam Angle	10° Spot			35° Flood			60° Wide Flood		
Max Candela	9236			1298			514.4		
Ft. Away	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width	Ft.	Foot-candles	Beam Width	
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	16140		16141		16140		16141		16140		16141			
Beam Angle	20°		20°		40°		40°		75°		75°			
Max Candela	358.52		594.23		170.85		308.33		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

16100 - 3.5" Hardscape							16101 - 6" Hardscape						
Foot-candles	Lateral distance from fixture						Foot-candles	Lateral distance from fixture					
	Mounting Height	0	1 ft.	2 ft.	3 ft.	4 ft.		Mounting Height	0	1 ft.	2 ft.	3 ft.	4 ft.
	6 in.	17.96	0.44	0.01	0.00	0.00		6 in.	72.60	0.88	0.00	0.00	0.00
	1 ft.	4.49	1.14	0.11	0.01	0.02		1 ft.	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						
Foot-candles	Lateral distance from fixture						Foot-candles	Lateral distance from fixture					
	Mounting Height	0	1 ft.	2 ft.	3 ft.	4 ft.		Mounting Height	0	1 ft.	2 ft.	3 ft.	4 ft.
	6 in.	143.2	2.68	0.02	0.00	0.00		6 in.	216.4	3.25	0.01	0.00	0.00
	1 ft.	35.81	8.31	0.67	0.06	0.11		1 ft.	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	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'

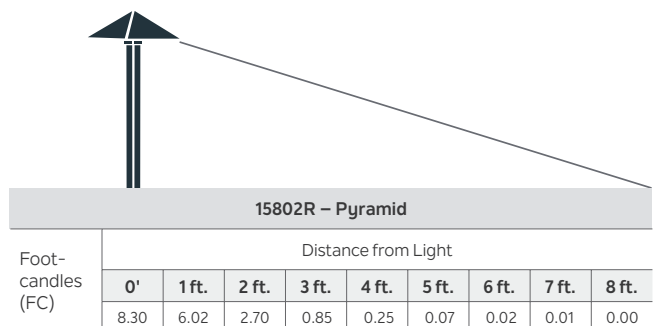
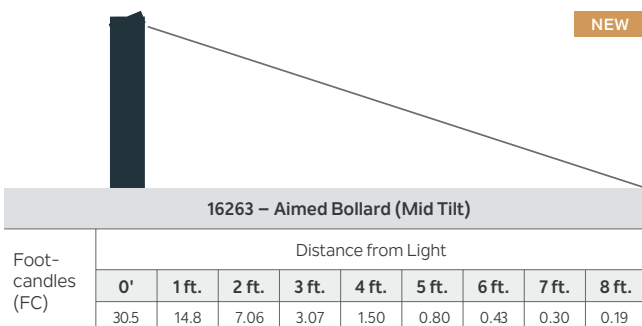
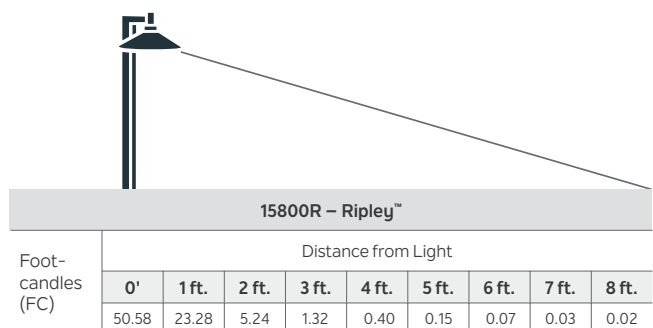
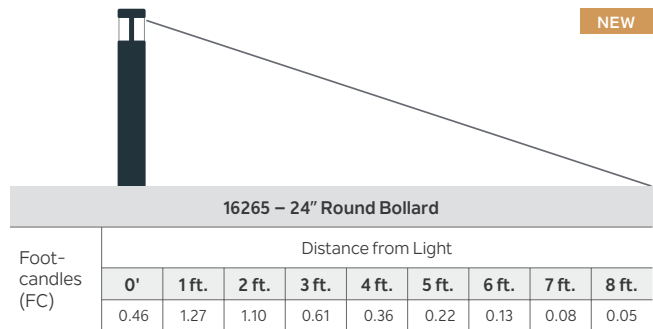
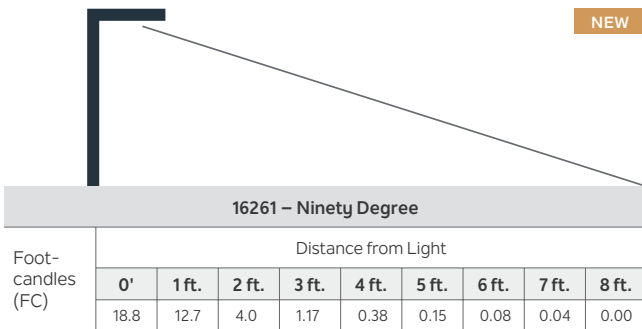
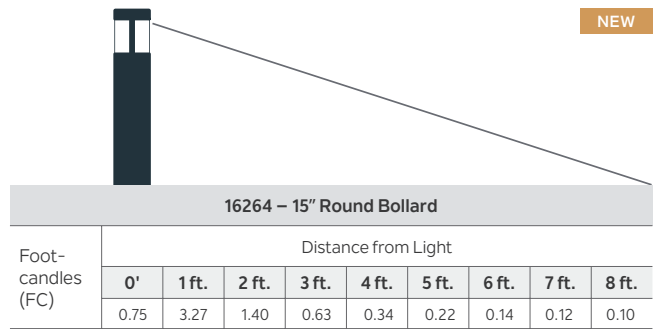
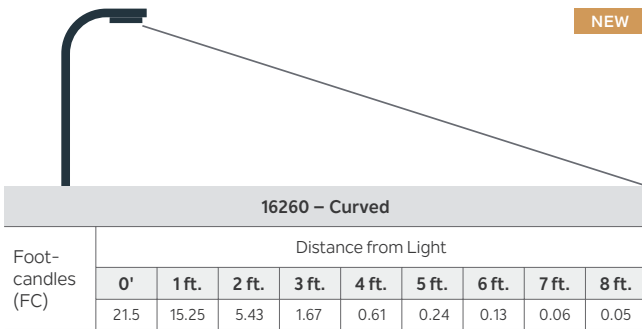
Highlighted values are optimal selections for mounting height application

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



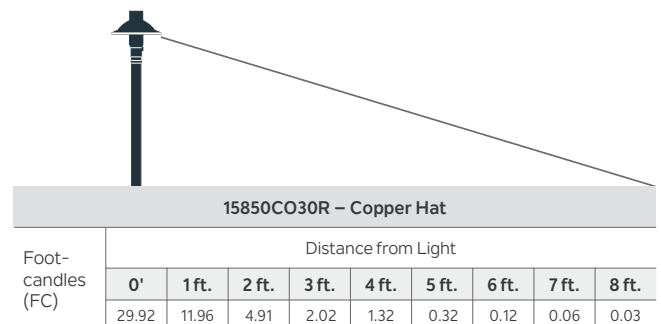
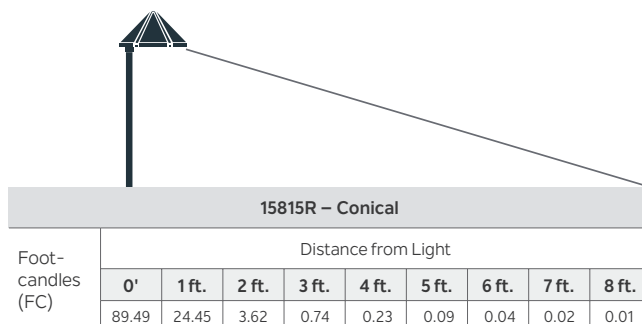
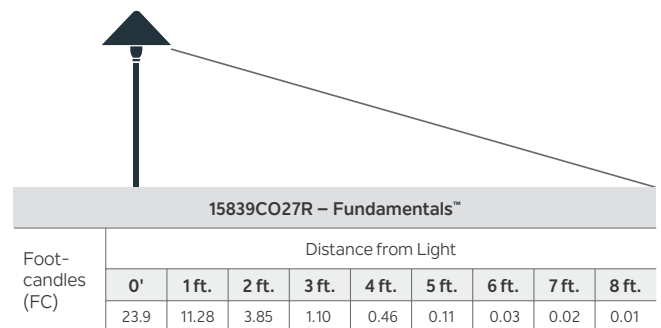
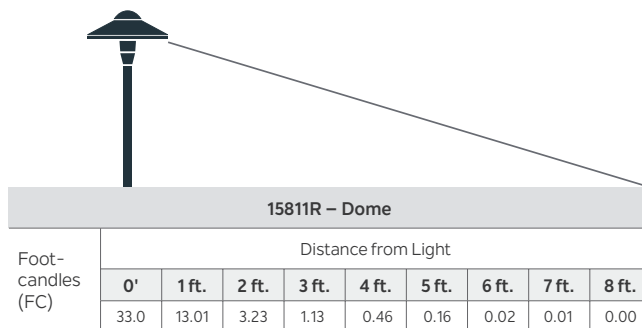
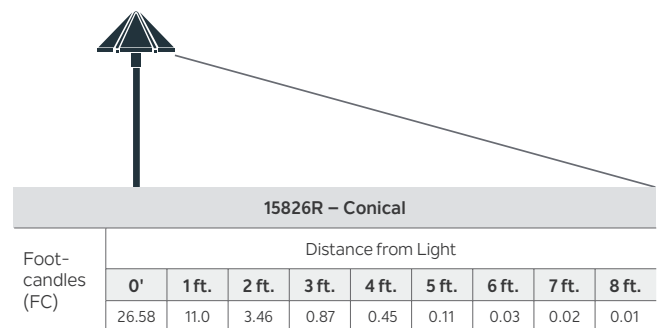
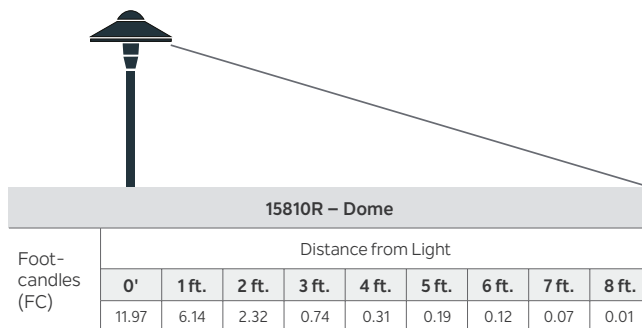
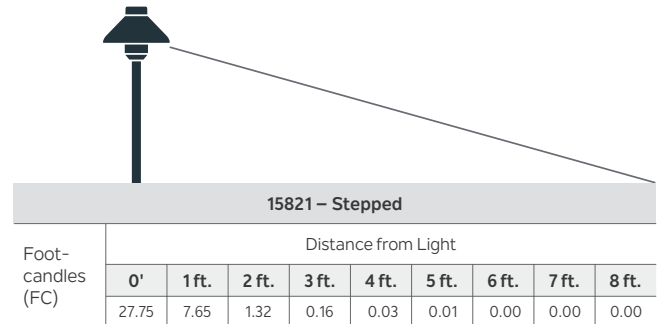
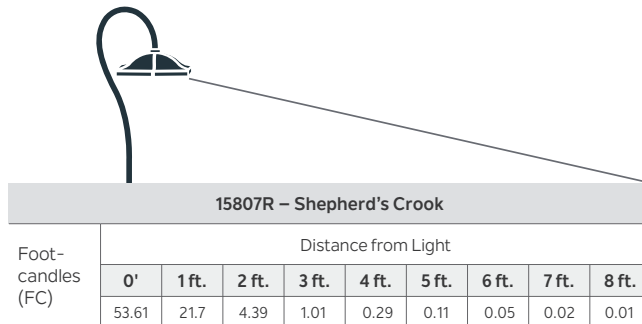
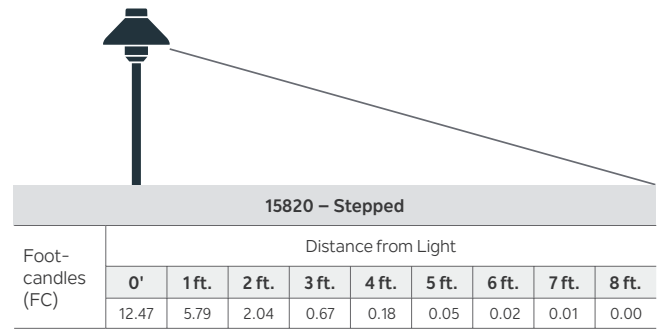
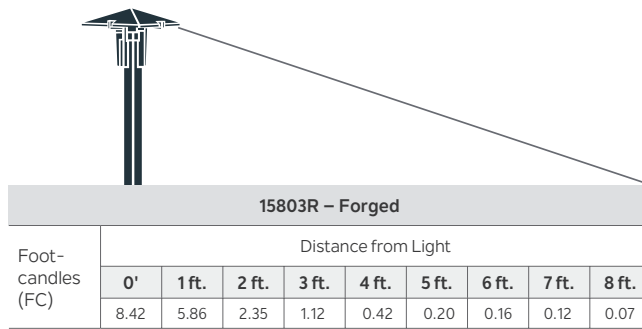
12V LED Photometrics

12V LED PATH LIGHTS



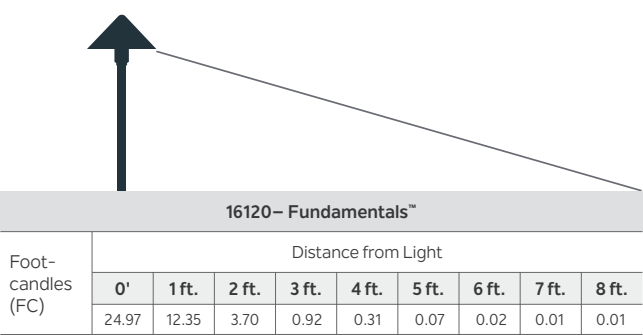
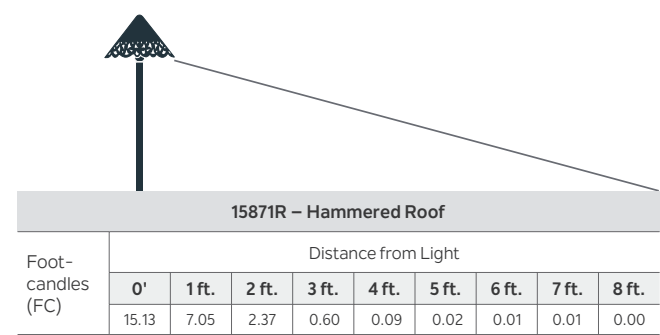
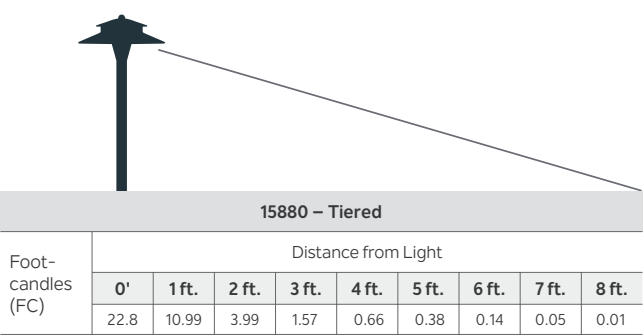
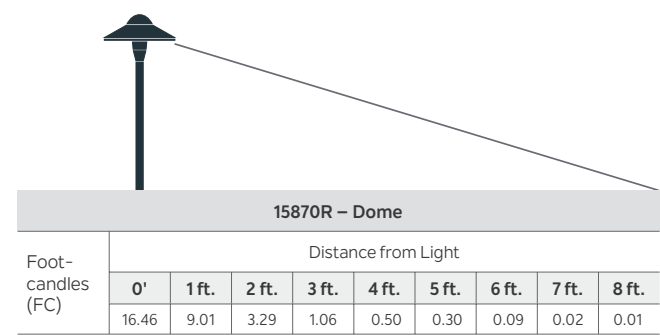
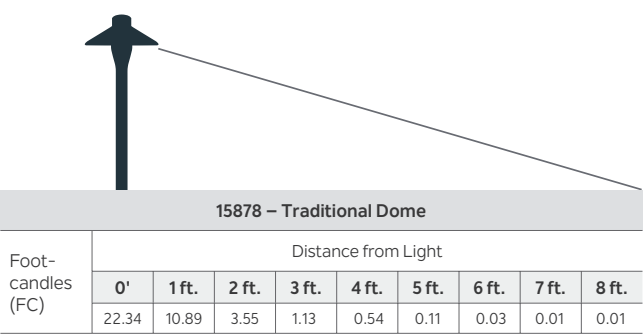
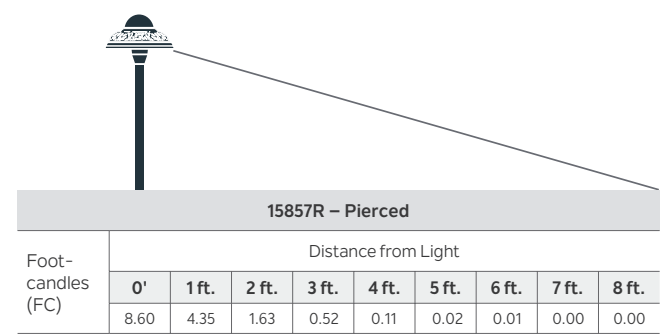
12V LED Photometrics

12V LED PATH LIGHTS



12V LED Photometrics

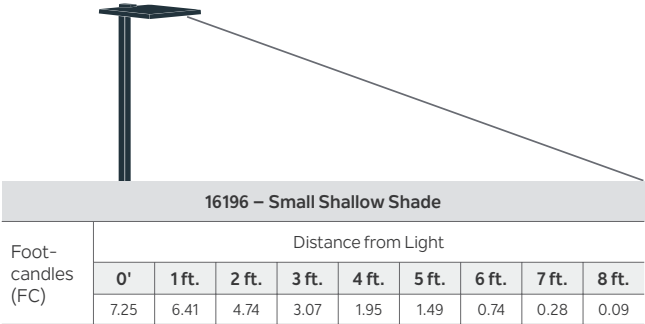
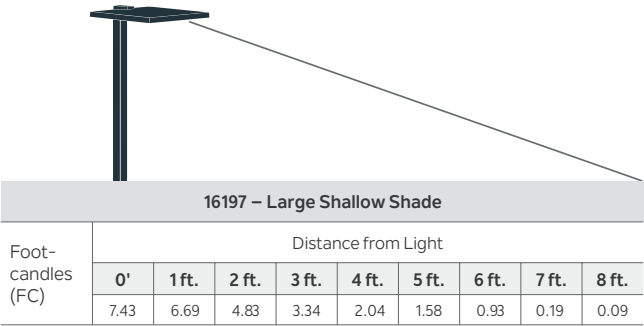
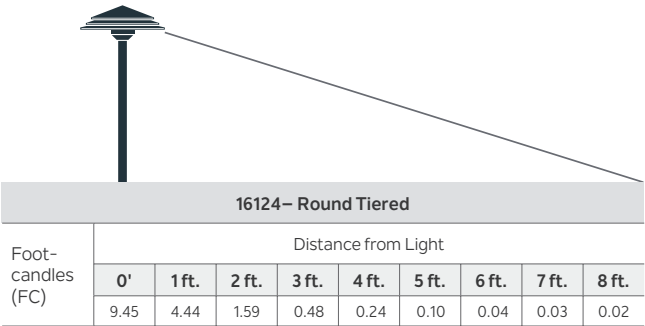
12V LED PATH LIGHTS



12V LED Photometrics

12V LED PATH LIGHTS

PHOTOMETRICS

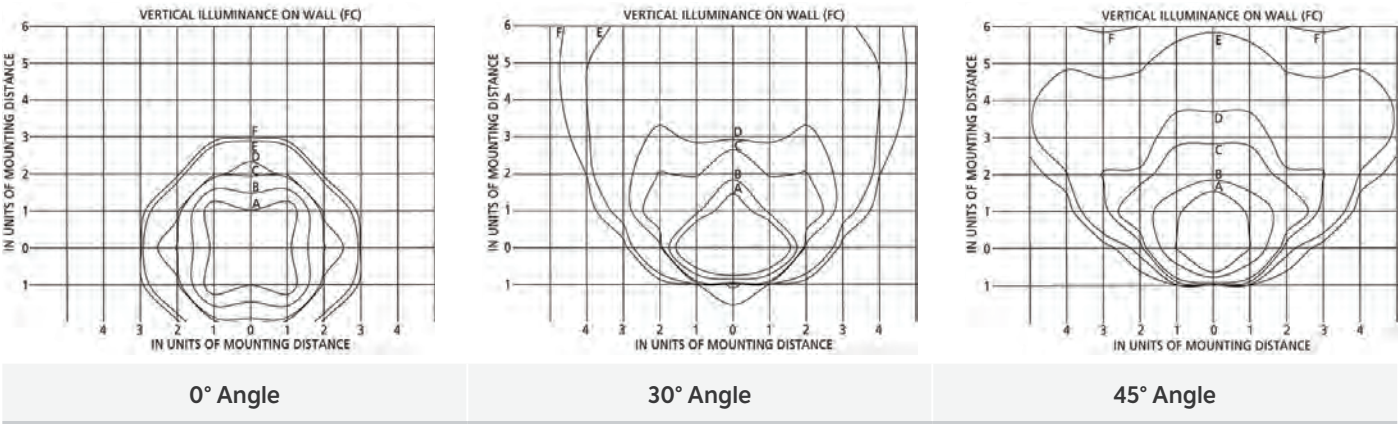


120V Drop-in Photometrics

120V DROP-IN ACCENT

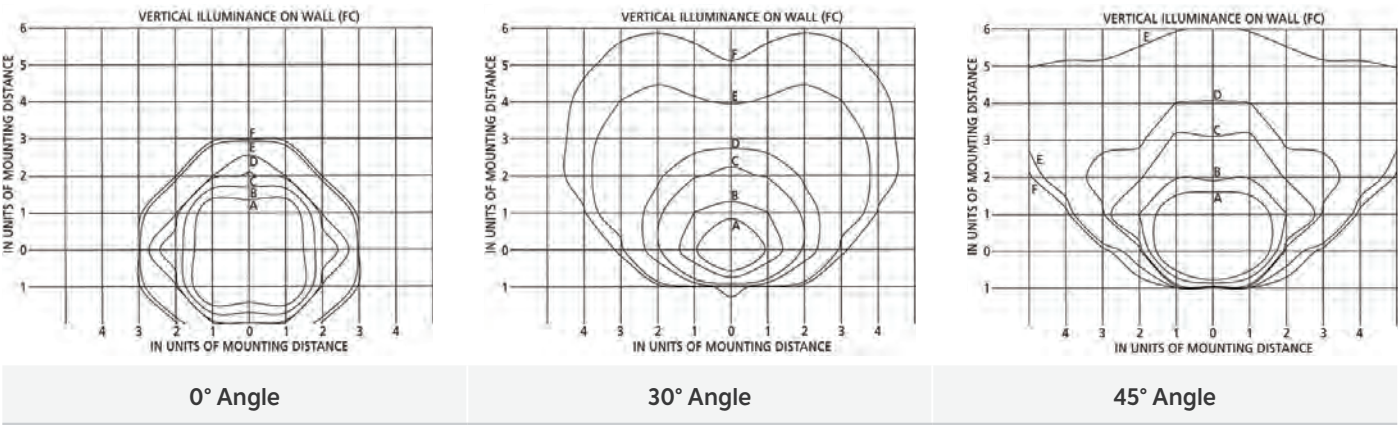
15251 – 75W Metal Halide

Clear ED17 Metal Halide based on 5000 lumens per lamp



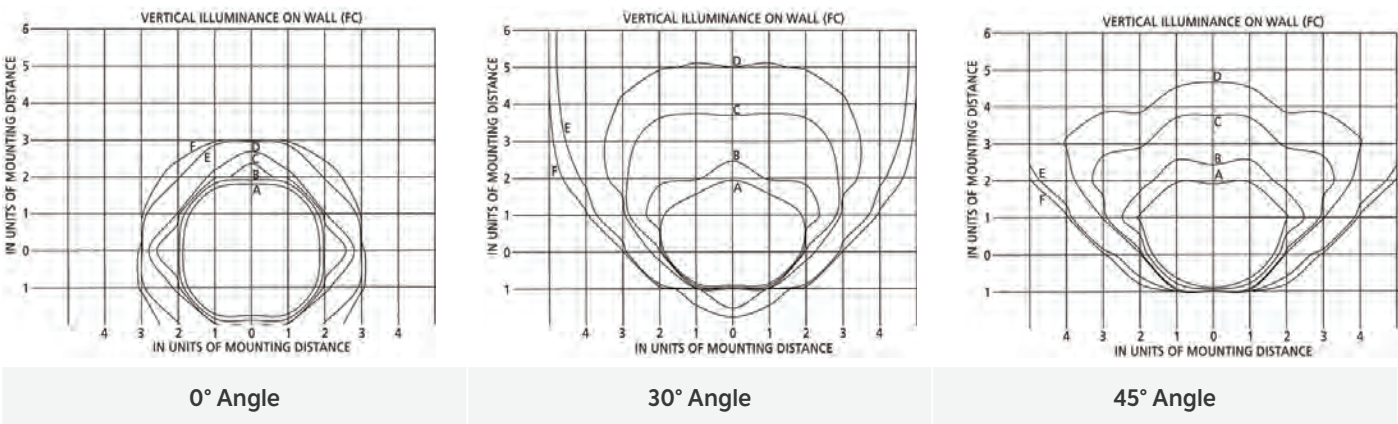
15251 – 100W Metal Halide

Clear ED17 Metal Halide based on 9000 lumens per lamp



15251 – 175W Metal Halide

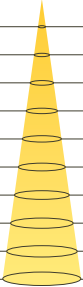
Clear ED17 Metal Halide based on 14,000 lumens per lamp



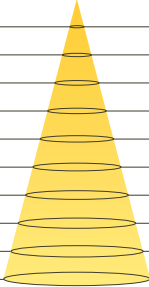
Popular C-Series 120V-277V Photometrics

5W SMALL ACCENT

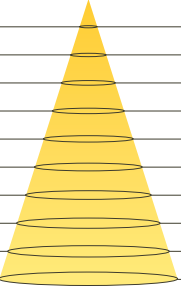
16209			
15° Spot Beam Angle			
	fc		Ø
3.3'	172		1
6.6'	43		1.9
9.8'	19		2.9
13.1'	10.8		3.8
16.4'	6.9		4.8
19.7'	4.8		5.8
23'	3.5		6.8
26.3'	2.7		7.7
29.5'	2.1		8.7
32.8'	1.7		9.7



16210			
40° Flood 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

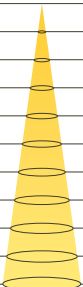


16211			
55° Wide Flood Beam Angle			
	fc		Ø
3.3'	41.1		3.4
6.6'	10.3		6.8
9.8'	4.6		10.2
13.1'	2.6		13.6
16.4'	1.6		17
19.7'	1.1		20.3
23'	.8		23.7
26.3'	.6		27.1
29.5'	.5		30.5
32.8'	.4		33.9



10W SMALL ACCENT

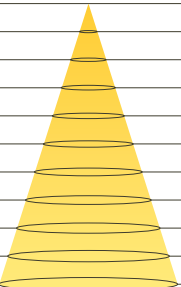
16212			
15° Spot Beam Angle			
	fc		Ø
3.3'	321.3		1
6.6'	80.3		1.9
9.8'	35.7		2.9
13.1'	20.1		3.8
16.4'	12.9		4.8
19.7'	8.9		5.7
23'	6.6		6.7
26.3'	5		7.6
29.5'	4		8.6
32.8'	3.2		9.5



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

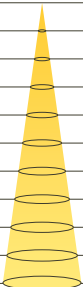


16214			
55° Wide Flood Beam Angle			
	fc		Ø
3.3'	76.4		3.3
6.6'	19.1		6.5
9.8'	8.5		9.8
13.1'	4.8		13.1
16.4'	3.1		16.3
19.7'	2.1		19.6
23'	1.6		22.9
26.3'	1.2		26.1
29.5'	1		29.4
32.8'	.8		32.7

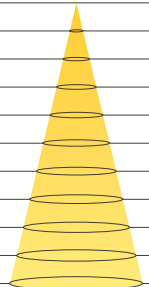


14W LARGE ACCENT

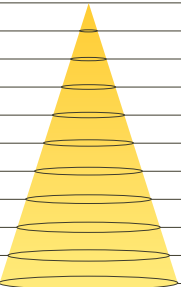
16215			
15° Spot Beam Angle			
	fc		Ø
3.3'	967.7		.7
6.6'	241.9		1.3
9.8'	107.5		2
13.1'	60.5		2.7
16.4'	38.7		3.4
19.7'	26.9		4
23'	19.8		4.7
26.3'	15.1		5.4
29.5'	12		6
32.8'	9.7		6.7



16216			
33° Flood Beam Angle			
	fc		Ø
3.3'	244		1.7
6.6'	61		3.4
9.8'	27.1		5.2
13.1'	15.2		6.9
16.4'	9.8		8.6
19.7'	6.8		10.3
23'	5		12
26.3'	3.8		13.7
29.5'	3		15.5
32.8'	2.4		17.2

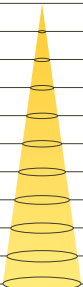


16217			
55° Wide Flood Beam Angle			
	fc		Ø
3.3'	115.4		3.3
6.6'	28.9		6.5
9.8'	12.8		9.7
13.1'	7.2		13
16.4'	4.6		16.3
19.7'	3.2		19.5
23'	2.4		22.8
26.3'	1.8		26
29.5'	1.4		29.3
32.8'	1.2		32.5

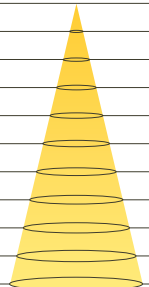


21W LARGE ACCENT

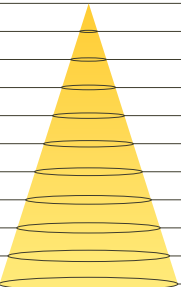
16218			
15° Spot Beam Angle			
	fc		Ø
3.3'	924.2		.9
6.6'	231		1.7
9.8'	102.7		2.6
13.1'	57.8		3.5
16.4'	37		4.3
19.7'	25.7		5.2
23'	18.9		6.1
26.3'	14.4		6.9
29.5'	11.4		7.8
32.8'	9.2		8.7



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° 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

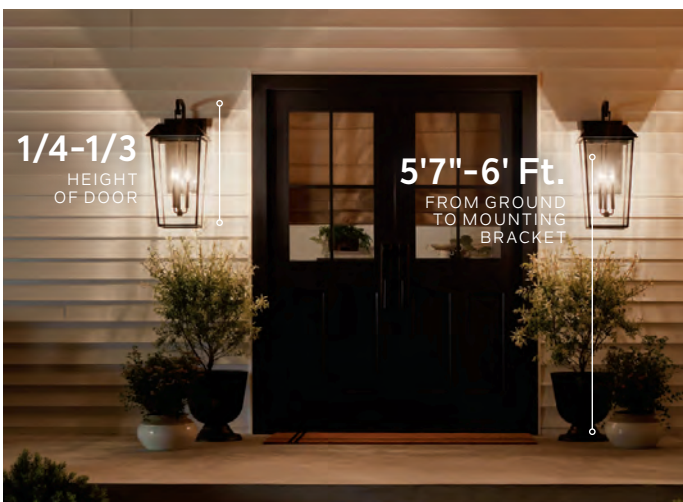




Outdoor Lighting

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.



SUPERB APPEAL

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).

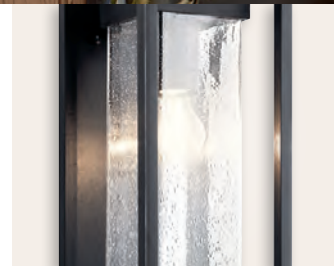
Mix, Match & Maximize

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.



MIX 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.



16261BKT30

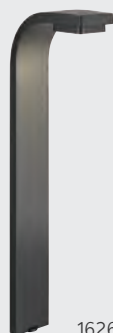


49551BKTLED



49550BKTLED

Ninety Degree & Walden



16260BKT30



49608BKT



49607BKT

Curve & Estella



16262BKT30



49279BKTLED



49278BKTLED

Flared & Wesley



16263BKT30



49558BKTLED



49557BKTLED

Aimed Bollard & Dahlia



16264BKT30
16265BKT30



49946BKTLED



49945BKTLED

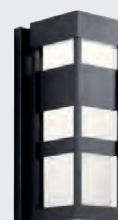
Round Bollard & River Path



16196BKT30
16197BKT30



59144BKTLED

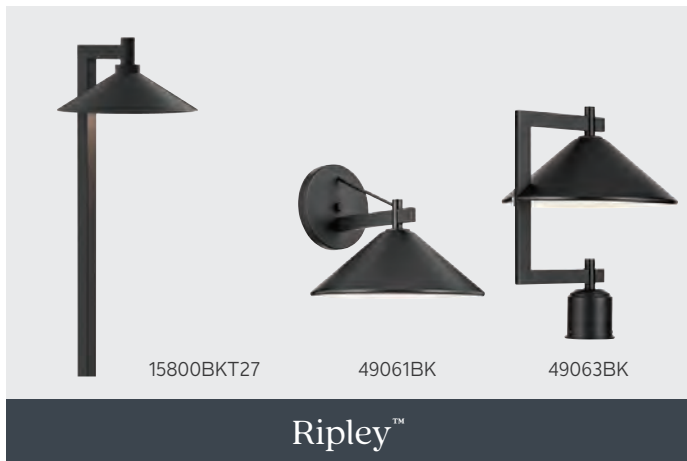


29036BKTLED

Shallow Shade & Nocar & Ryler









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

1

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.

2

In-Ground Lights

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

3

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+.

4

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.

5

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.

6

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.

7

Transformers

Low-voltage landscape lighting transformers convert 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.

Hone Wall Light,
Climates™
59137BKT

Loa Ceiling Fan,
Wet-Rated
310780SBK

Half Moon,
Centennial Brass
15764CBR30

VLO In-Ground,
Centennial Brass
16023CBR30

FIND YOUR OUTDOOR
INSPIRATION
KICHLER.COM

Ninety Degree,
Centennial Brass
16261CBR

Stylish Finishes.
Outdoor Strong.

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.



Outdoor Collections

119 SELECT
OUTDOOR
COLLECTIONS

135 EXTERIOR
HANGING
LIGHTS





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



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



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

COORDINATING
Path light



16196, 16197BKT30

FEATURE
Integrated LED
and downlight
accent



FEATURE
Backlit for a
wall wash effect





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 x 20"H | Ext. 6.75"
  



59142BKT | Outdoor Post Light
(1) 17.6W, 636lm, 3000K, 93 CRI, 36.1 LPW
6"W x 22.5"H, Post Not Included
  

DESIGN
DETAIL

Dual finish



FEATURE

Incandescent
options are available
in BK and NBR finishes



COORDINATING
Path light



15827CBR30



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



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

COORDINATING
Path light



FEATURE
Climates™ for harsh weather conditions – extreme cold, heat or sun, or in coastal saltwater areas.



**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"
WC*



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

DESIGN
DETAIL

Thick ribbed
glass



COORDINATING
Path light



15326BKT



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



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

COORDINATING
Path light



15821BKT27

**DESIGN
DETAIL**
Dual finish



**DESIGN
DETAIL**
Knurling detail





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



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



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



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



59130BKT | Outdoor Pendant
(2) 60W, E12 (Candelabra), 11.5"W x 26"H
Overall Ht. 101.75", Chain/Stem 72"**
D



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

FEATURE
Thick, premium
beveled
glass panels



FEATURE
30"H oversized option
for larger spaces



FEATURE
Rigid Stay Straight
Stem secures lamp
base in place



COORDINATING
Path light



15871TZZ





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



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



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



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



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

FEATURE
Thick, premium
beveled
glass panels



FEATURE
Rigid Stay Straight
Stem secures
lamp base in place



COORDINATING
Regence outdoor
post light
59129OZ



COORDINATING
Path light



15850CO30R





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



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



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



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

FEATURE
Thick, premium
glass panels



**DESIGN
DETAIL**
Interchangeable
candle sleeves in
white and black



FEATURE
Watertight frame
with finished
interior edges



COORDINATING
Path light



15350CO





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



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



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



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



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

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



FEATURE
Thick, premium
glass panels



FEATURE
30"H oversized option
for larger spaces



COORDINATING
Path light



15503CBR





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
W*



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

COORDINATING
Path light



15422AGZ



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

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

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

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



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

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

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

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

COORDINATING
Path light



15800BKT27R

COORDINATING
Path light



15800AZT27R



Outdoor Hanging Lights



59130OZ | Regence
(2) 60W, E12 Candelabra, 26"H x 11.5"W
Overall Ht. 101.75", Chain/Stem 72"**
D



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



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"
D



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



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



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



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



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"
C



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.

Air Performance*		
Airflow Cubic Ft. Per Minute on High	Power Usage 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

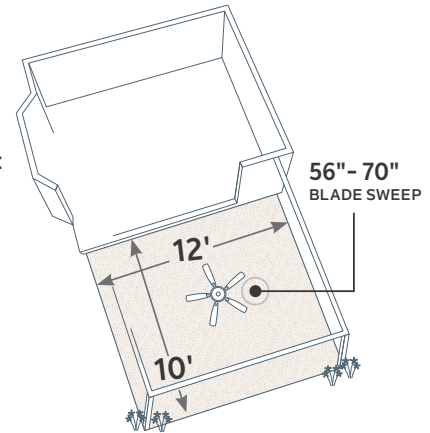
1

STEP ONE

Determine the Square Footage of Your Space

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

$$\begin{array}{ccccc} \text{10 Ft.} & \times & \text{12 Ft.} & = & \text{120 Sq. Ft.} \\ \text{Width} & & \text{Length} & & \text{Space Area} \end{array}$$



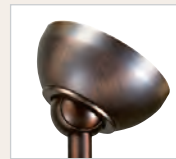
2

STEP TWO

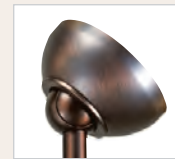
Have a Tall Space With Sloped or Vaulted Ceilings?

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.

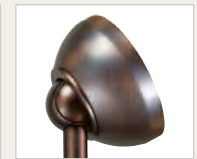
For sloped ceilings, especially in coastal/windy areas, a slope adapter is recommended. For ceilings in excess of 15° of slope, please utilize our 60° slope adapter (337005).



30°



45°



60°

3

STEP THREE

Determine the Fan Size You Need:

Outdoor Spaces		
		 
75-100 SQ. FT.	100-200 SQ. FT.	200+ SQ. FT.
		
Recommended FAN BLADE SWEEP 50"-54"	Recommended FAN BLADE SWEEP 56"-70" or multiple fans	Recommended FAN BLADE SWEEP 70"+ or multiple fans

* 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.



Outdoor
Ceiling Fans

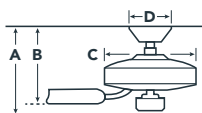
Tide Weather+™

Finish: Brushed Nickel, Olde Bronze®, Satin Black, White

52" BLADE SWEEP



HANGING GUIDE DIAGRAM



W+ WEATHER+™

LED INTEGRATED LED

DIMMABLE

AC AC MOTOR

310126NI
Silver Blades

NI

Fan Finish

Blade Finish

310126OZ
Weathered Medium Oak Blades

OZ

Fan Finish

Blade Finish

310126SBK
Satin Black Blades

SBK

Fan Finish

Blade Finish

310126WH
White Blades

WH

Fan Finish

Blade Finish

HANGING MEASUREMENTS - WITH 4.5" DOWNROD

Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 13.9"	B 8.8"	C 9.1"	D 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
5091	57	89

INCLUDED CONTROL



65K CoolTouch™
Control System – Full Function

OPTIONAL CONTROL



AC Standard Wall Control
System - Full Function
370156

OUTDOOR
+ SALT

CEILING FANS - WEATHER+

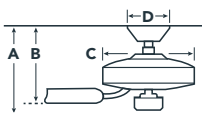
Tranquil Weather+™

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

56" BLADE SWEEP



HANGING GUIDE DIAGRAM



W+ WEATHER+™

LED INTEGRATED LED

DIMMABLE

AC AC MOTOR

310130NI
Silver Blades

NI

Fan Finish

Blade Finish

310130OZ
Weathered Medium Oak Blades

OZ

Fan Finish

Blade Finish

310130SBK
Satin Black Blades

SBK

Fan Finish

Blade Finish

310130WH
White Blades

WH

Fan Finish

Blade Finish

HANGING MEASUREMENTS - WITH 4.5" DOWNROD

Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 14.3"	B 10"	C 9.6"	D 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

INCLUDED CONTROL



65K CoolTouch™
Control System – Full Function

OPTIONAL CONTROL



AC Standard Wall Control
System - Full Function
370156

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

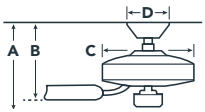
Nani Weather+™

Finish: Matte White, Satin Natural Bronze

56" BLADE SWEEP



HANGING GUIDE DIAGRAM

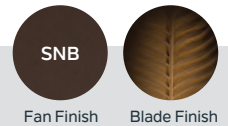


W+ WEATHER+™
AC AC MOTOR

310095MWH
Ivory with Walnut Highlight Blades



310095SNB
Ivory with Walnut Highlight Blades



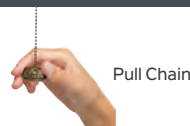
HANGING MEASUREMENTS - WITH 4.5" DOWNROD

Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 13.25"	B 10.25"	C 8.75"	D 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

INCLUDED CONTROL



OPTIONAL CONTROLS



AC Standard Wall Control System - Limited Function 370146

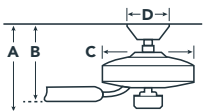
Surrey Weather+™

Finish: Matte White, Satin Black, Satin Natural Bronze

60" BLADE SWEEP



HANGING GUIDE DIAGRAM

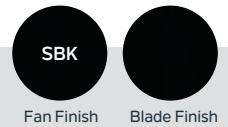


W+ WEATHER+™
AC AC MOTOR

300250MWH
Matte White Blades



300250SBK
Satin Black Blades



300250SNB
Satin Natural Bronze Blades



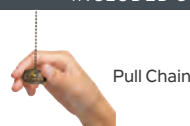
HANGING MEASUREMENTS - WITH 4.5" DOWNROD

Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 14.0"	B 11.5"	C 9.0"	D 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

INCLUDED CONTROL



OPTIONAL CONTROLS



AC Standard Wall Control System - Limited Function 370146

Breda Fans

Finish: Brushed Nickel, Satin Black, Satin Natural Bronze

84" 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
9760	28.6	341

310285NI
Brushed Nickel
Blades



Fan Finish



Blade Finish

310285SBK
Satin Black Blades



Fan Finish



Blade Finish

310285SNB
Satin Natural
Bronze Blades



Fan Finish



Blade Finish

BREDA 84" | 310285 and BREDA 75" | 310275

HANGING MEASUREMENTS - WITH 6" DOWNROD

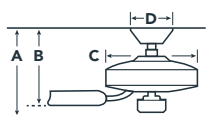
Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 16.5"	B 15.5"	C 8.25"	D 5.5"

INCLUDED CONTROL



6-Speed DC CoolTouch™
Handheld Transmitter -
Full Function
371075

HANGING GUIDE DIAGRAM



W WET

DC DC MOTOR

75" 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
9100	28.6	319

310275NI
Brushed Nickel
Blades



Fan Finish



Blade Finish

310275SBK
Satin Black Blades



Fan Finish



Blade Finish

310275SNB
Satin Natural
Bronze Blades



Fan Finish



Blade Finish

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

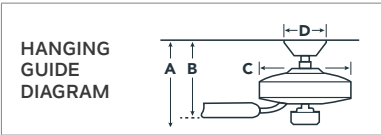
Breda

Finish: Brushed Nickel, Satin Black, Satin Natural Bronze

65" BLADE SWEEP



HANGING MEASUREMENTS - WITH 4.5" DOWNROD			
Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 16.5"	B 15.5"	C 8.25"	D 5.5"

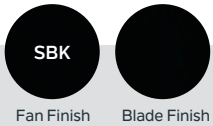


- W WET
- DC DC MOTOR

310265NI
Brushed Nickel
Blades



310265SBK
Satin Black Blades



310265SNB
Satin Natural
Bronze Blades



INCLUDED CONTROL



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

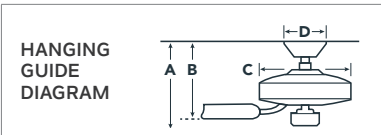
Fit

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

54" BLADE SWEEP



HANGING MEASUREMENTS - WITH 4.5" DOWNROD			
Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 13.25"	B 10.25"	C 7.25"	D 5.25"

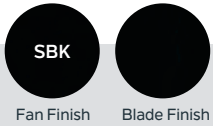


- W WET
- LED INTEGRATED LED
- DIMMABLE
- DC DC MOTOR

310254NI
Silver Blades



310254SBK
Satin Black Blades



310254WH
White Blades



INCLUDED CONTROL



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
7080	31.5	225

Lyndon™ Patio

Finishes: Distressed Black, Olde Bronze® | Glass: Clear Seeded

60" BLADE SWEEP



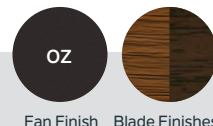
310240DBK

Walnut Shadowed, Light Walnut Blades



310240OZ

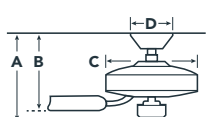
Medium Walnut, Dark Walnut Blades



HANGING MEASUREMENTS - WITH 4.5" DOWNROD

Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 19.0"	B 13.25"	C 12.25"	D 6.75"

HANGING GUIDE DIAGRAM



- W** WET-RATED
- V** REVERSIBLE BLADES
- AC** AC MOTOR

INCLUDED CONTROL



Wall Control System - Limited Function (16 freq.)

OPTIONAL CONTROL



AC Standard Handheld Remote Control System - Limited Function 370126

AIR PERFORMANCE*

Airflow Cubic Ft. Per Minute on High	Power Usage Watts on High (Excludes Lights)	Airflow Efficiency Cubic Ft. Per Minute Per Watt
5393	74	72

OUTDOOR
CEILING FANS - WET

Pola Wall Fan

Finishes: Brushed Nickel, Satin Natural Bronze

24" BLADE SWEEP



339224NI

Brushed Nickel Blades

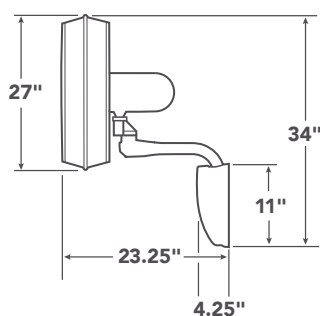


339224SNB

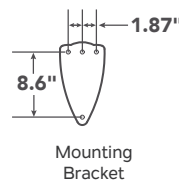
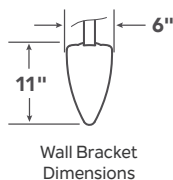
Satin Natural Bronze Blades



HANGING MEASUREMENTS



Please Note: Wall plug comes standard with this model (not shown).



INCLUDED CONTROL



Pull Chain

- W** WET-RATED
- AC** AC MOTOR

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

Gentry LED Fans

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

300285AVI
Distressed Antique Gray,
Walnut Blades



Fan Finish



Blade Finishes

300285DBK
Walnut, Walnut
Shadowed Blades



Fan Finish



Blade Finishes

300285WZC
Weathered White Walnut,
Dark Walnut Blades



Fan Finish



Blade Finishes

GENTRY XL 85" | 300285 and GENTRY 65" | 300265

HANGING MEASUREMENTS - WITH 6" DOWNROD

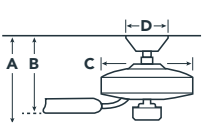
Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 16.5"	B 14"	C 7"	D 6"

INCLUDED CONTROL



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

HANGING GUIDE DIAGRAM



DAMP-RATED



INTEGRATED LED



DIMMABLE



REVERSIBLE
BLADES



DC MOTOR

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

300265AVI
Distressed Antique Gray,
Walnut Blades



Fan Finish



Blade Finishes

300265DBK
Walnut, Walnut
Shadowed Blades



Fan Finish



Blade Finishes

300265WZC
Weathered White Walnut,
Dark Walnut Blades



Fan Finish

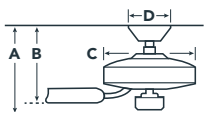


Blade Finishes

60" BLADE SWEEP

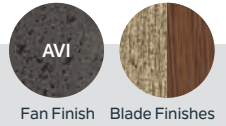


HANGING GUIDE DIAGRAM



- D** DAMP-RATED
- LED** INTEGRATED LED
- DC** DC MOTOR
- REVERSIBLE BLADES**
- DIMMABLE**

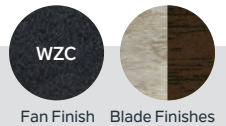
300260AVI
Distressed Antique Gray,
Walnut Blades



300260DBK
Walnut, Walnut
Shadowed Blades



300260WZC
Weathered White Walnut,
Dark Walnut Blades



HANGING MEASUREMENTS - WITH 4.5" DOWNROD

Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 16.5"	B 14"	C 7"	D 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



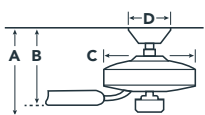
6-Speed DC Wall Control System -
Full Function (65K)
370036

Gentry Lite

52" BLADE SWEEP

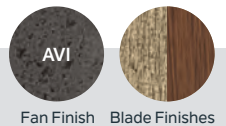


HANGING GUIDE DIAGRAM



- D** DAMP-RATED
- LED** INTEGRATED LED
- AC** AC MOTOR
- REVERSIBLE BLADES**
- DIMMABLE**

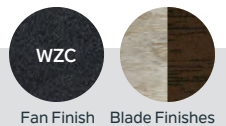
300241AVI
Distressed Antique Gray,
Walnut Blades



300241DBK
Walnut, Walnut
Shadowed Blades



300241WZC
Weathered White Walnut,
Dark Walnut Blades



HANGING MEASUREMENTS - WITH 4.5" DOWNROD

Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 14.25"	B 10"	C 8"	D 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

OPTIONAL CONTROL



AC Standard Wall Control
System - Full Function
370156

Ample

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

54" BLADE SWEEP



D DAMP-RATED
LED INTEGRATED LED

DIMMABLE
AC AC MOTOR

310354NI
Silver Blades



Fan Finish



Blade Finish

310354SBK
Satin Black Blades



Fan Finish



Blade Finish

310354WH
White Blades



Fan Finish



Blade Finish

HANGING MEASUREMENTS - WITH 6" DOWNROD

Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 16.75"	B 13"	C 10.75"	D 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

INCLUDED CONTROL



65K CoolTouch™
Control System –
Full Function
371085

OPTIONAL CONTROL

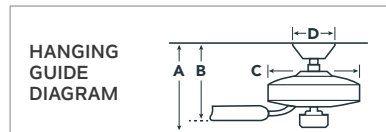


AC Standard Wall Control
System - Full Function
370156

True

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

52" BLADE SWEEP



D DAMP-RATED
DC DC MOTOR

310452BSS
Silver Blades



Fan Finish



Blade Finish

310452SBK
Satin Black Blades



Fan Finish



Blade Finish

310452SNB
Satin Natural
Bronze Blades



Fan Finish



Blade Finish

310452WH
White Blades



Fan Finish



Blade Finish

HANGING MEASUREMENTS - WITH 6" DOWNROD

Fixture Drop from Ceiling	Blade Drop from Ceiling	Housing Width	Ceiling Canopy Width
A 13.5"	B 11.75"	C 6.25"	D 5.25"

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

INCLUDED CONTROL



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)
Szepló II 80" 300301 (Wet)
Szepló 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 (lm/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**

LIGHTING & FANS BY
KICHLER®

Shown: 2024 St. Jude Dream Home – Wichita



Symbol Guide

- D** **Damp-Rated:** Used in sheltered areas that are protected from direct contact with rain, snow or excessive moisture. **Damp-Rated Ceiling Fans:** Engineered for high-humidity areas. Requires a solid covering over the full fan to avoid direct contact with the elements.
- W** **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.
- C** **Climates™:** Ideal for areas with extreme temperatures, saltwater spray and consistent UV exposure.
- W+** **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** AC Motor
- DC** DC Motor
- LED** Integrated LED
- ☼** Dimmable
- ⚡** Fixture requires supply wire rated for at least 90° C
- IP66** **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.
- IP67** **Versatile IP67** rated design provides a dust-tight housing that can protected against temporary water submersion.
- IP68** **Versatile IP68** rated design provides a dust-tight housing that can protect against water submersion.
- 24** **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.
- FCC** 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
ANSI	.....	American National Standards Institute
AWG	.....	American Wire Gauge system
CAND	.....	Candelabra Socket Type
CBCP	.....	Center Beam Candlepower
CCT	.....	Color Corrected Temperature
CFM	.....	Cubic Feet Per Minute
CLR	.....	Clear
CRI	.....	Color Rendering Index
D	.....	Depth
dB	.....	Decibel
DC	.....	Direct Current
Dia.	.....	Diameter
FC, fc	.....	Foot-candles
FL	.....	Flood Light
Ft.	.....	Feet
GA	.....	Gauge
H	.....	Height
hrs.	.....	Hours
Hz	.....	Hertz
ID or I.D.	.....	Inside Diameter
K	.....	Kelvin temperature
kV	.....	Kilovolt
L	.....	Length
lbs	.....	Pounds
LED	.....	Light Emitting Diode
lm	.....	Lumens
lm/W	.....	Lumens per Watt
LPW	.....	Lumens per Watt
LVPC	.....	Low Voltage Power Conditioner
Max.	.....	Maximum
mm	.....	Millimeter
NFL	.....	Narrow Flood Light
NSP	.....	Narrow Spot Light
NPSM	.....	National Pipe & Thread - Straight, Male
OD or O.D.	.....	Outside Diameter
pf	.....	Power Factor
RPM	.....	Revolutions Per Minute
SECO	.....	Satin Etched Cased Opal glass
SP	.....	Spot Light
Sq. Ft.	.....	Square Feet
V	.....	Volt
VA	.....	Volt-Amp
VLO	.....	Variable Lumen Output
VNSP	.....	Very Narrow Spot Light
WFL	.....	Very Wide Flood Light
W	.....	Watt, when directly next to a number
W	.....	Width, when paired with L and/or H
WFL		Wide Flood Light
Thd.		Thread

Champagne Bronze™ is a trademark of Delta Faucet.

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