

Design Pro LED

12V ACCENT | 12V IN-GROUND | 120V ACCENT

POWERED BY
DESIGN PRO LED
TECHNOLOGY

WITH
Radiax™
OPTICS



KICHLER



Medium Accent Fixture
(Shown in BBR) Available
in 12V (6.5W & 13W) &
120V (12.5W) Versions



Large Accent Fixture
(Shown in AZT) Available
in 12V (21W) & 120V
(19.5W & 29W) Versions

LED 12V Accent & In-Ground, 120V Accent

Discover the most technologically evolved lighting fixtures available in the landscape industry.

We've engineered our exclusive **Radiax™ optics** to generate **more lumens with less wattage** for **superior results**. We've also expanded your options for design with **multiple Kelvin temperatures** and **lumen output choices**. And, we've integrated it all into a unit that's **sealed and fully potted to protect it from the elements**. Then, we backed it up with a 10 year commercial and 15 year residential warranty*. Our latest Design Pro LED 12V accent or in-ground options, as well as our 120V accent products, deliver versatility that gives every **residential** and **commercial** job a **more professional look**.

*For warranty, go to landscapelighting.com

More Lumen
Output Choices
+

More Kelvin
Temperature
Options
+

More Lumens
Per Watt
=

**Superior
Light
Fixtures**

POWERED BY
DESIGN PRO LED
TECHNOLOGY
WITH
Radiax™
OPTICS



Small Accent Fixture
(Shown in WHT)
Available in 12V (3W
& 4W) Version Only



In-Ground Fixture
(Cast Brass) Available
in 12V (4W, 6.5W &
14W) Version Only

Design Pro LED Offers Multiple Kelvin Temperature Options



WARM WHITE
2700K



PURE WHITE
3000K



COOL WHITE
4250K

Radiax™ optics come in two forms – side-powered on larger fixtures, and center-powered on smaller ones. Both designs give Kichler® fixtures the greatest lumens per watt in the for comparable fixtures.

POWERED BY
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TECHNOLOGY

WITH
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OPTICS

Side-Powered Radiax™



Center-Powered Radiax™



Precise, powerful & efficient landscape lighting

**Design Pro LED
with Radiax™ Optics:
Superior LED Light
Fixtures, Superior
Results**

Wattage equals energy used – and in the old days, it also equated to how bright a light looked. Today, we know that lumens are a better indication of a light's brightness, and at Kichler we've engineered a solution to get the **most lumens with the least amount of wattage**. Our **Radiax™ optic**, a Kichler exclusive design, **drives increased output** from our LED chips, creating a **more focused** light at a **cooler operating temperature**. Plus, the Radiax high performance LED optics are engineered **specifically for landscape lighting use**. In addition, a range of Kelvin temperature options gives you the **precise light effects** you need on every job.

Superior Light Fixtures, Superior Results



Design Pro LED fixture
120V, 12.5 Watt

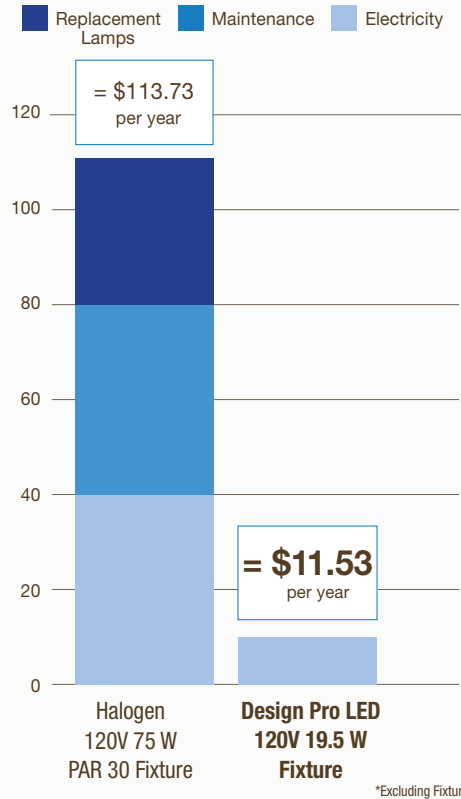


Competitor LED fixture
120V, 13 Watt



Money Saving Solutions!
Watch the Video on
Design Pro LED in action.

TOTAL ANNUAL COST COMPARISON*



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FEATURES

- Five lumen output options for just the right punch of light.
- Three beam spread options put light where you want it.
- A range of Kelvin color temperature choices from warm white 2,700K to pure white 3,000K.
- Radiax™ Optics deliver the greatest lumens per watt in the industry.
- Tight LED binning tolerances mean greater color consistency.
- Built-in adjustable cowl provides better glare control.
- 9V-15V operating range virtually eliminates voltage drop.

LED 12V Accent

With a variety of lumen output options you can install the intensity of light that best suits the environment – while still getting tremendous energy savings thanks to our Radiax™ Optics. Plus, our beam spread options assure more precise light distribution and beam control than the competition. Add accessory lenses specifically designed for Kichler® LED – amber, green or frosted – to create a more customized look.

Easy to install
optional LED
lenses



Superior 12V Light Fixtures, Superior Results



Design Pro LED Accent
12V, 6.5W Flood



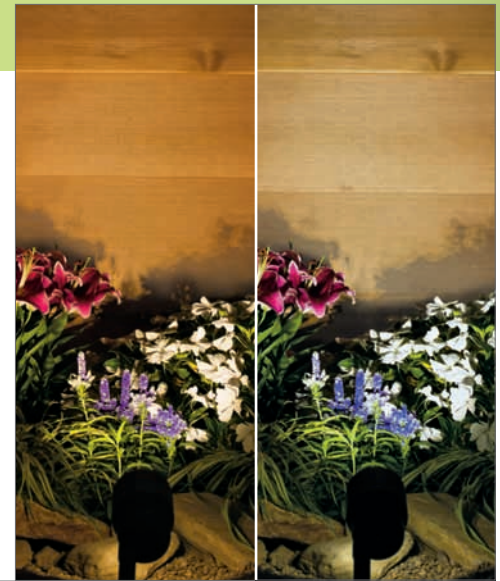
Competitor LED Accent
12V, 15W Flood

12V 3W LED ACCENT

ORDER GUIDE



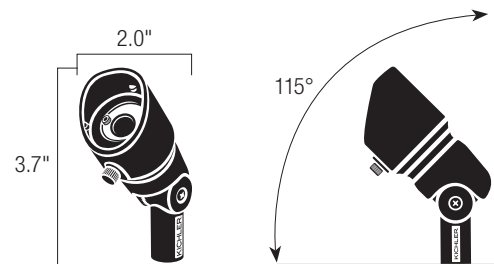
Name	12V 3W LED ACCENT
Description	A specification-grade LED fixture collection that features more lumen output packages, Kelvin options, and unparalleled performance.
Housing	Cast Aluminum, Cast Brass (brass will naturally patina over time)
Finish	Textured Architectural Bronze (Marine grade powder coat) Beach (Marine grade powder coat) Bronzed Brass Textured Black (Marine grade powder coat)
Light Source	Integrated LEDs and Constant Current Driver
LEDs	High Output Cree® LEDs tightly binned for color uniformity
Color Temp. (CCT)	2700K (-50/+100) Warm White, 3000K (-45/+130) Pure White
CRI	80s
Optics	Radiax™ Optic
Power Usage at 12V AC Input VA and Watts	3W, 4VA Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V – 15V AC/DC with no loss in light output due to constant current driver technology
Lumen Maintenance	Tested to an L-70 of 40,000 hours
Total Lumens	2,700K = 105 3,000K = 112
Efficacy	2,700K = 35 Lm/W 3,000K = 37 Lm/W
Wiring	24" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied.
Mounting Acces. Included	8" in-ground stake
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Tree/Surface Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. Not for use with electronic transformers. *Cree is a registered trademark of Cree, Inc.



Kelvin	2700K WARM WHITE	3000K PURE WHITE
Watts/Lumens	Compares to Halogen 10W MR16	
Beam Spread 10° Spot	16000 AZT27 16000 BBR27 16000 BKT27 16000 BE27	16000 AZT30 16000 BBR30 16000 BKT30 16000 BE30
Beam Spread 35° Flood	16001 AZT27 16001 BBR27 16001 BKT27 16001 BE27	16001 AZT30 16001 BBR30 16001 BKT30 16001 BE30
Beam Spread 60° Wide Flood	16002 AZT27 16002 BBR27 16002 BKT27 16002 BE27	16002 AZT30 16002 BBR30 16002 BKT30 16002 BE30

FINISH GUIDE

- AZT – Textured Architectural Bronze
- BBR – Bronzed Brass
- BKT – Textured Black
- BE – Beach

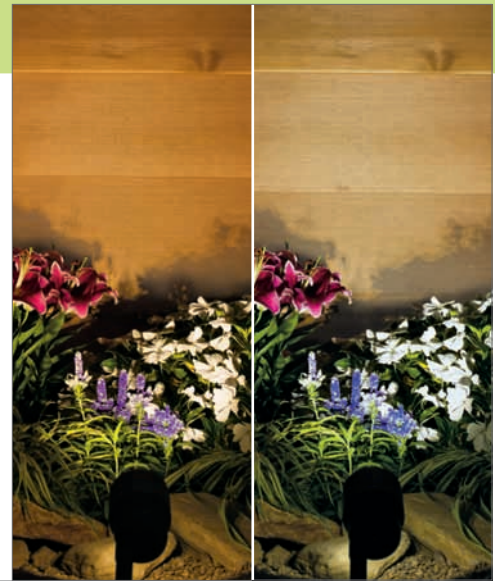


12V 4W LED ACCENT



Name	12V 4W LED ACCENT
Description	A specification-grade LED fixture collection that features more lumen output packages, Kelvin options, and unparalleled performance.
Housing	Cast Aluminum, Cast Brass (brass will naturally patina over time)
Finish	Textured Architectural Bronze (Marine grade powder coat) Beach (Marine grade powder coat) Bronzed Brass Textured Black (Marine grade powder coat) Textured White (Marine grade powder coat)
Light Source	Integrated LEDs and Constant Current Driver
LEDs	High Output Cree® LEDs tightly binned for color uniformity
Color Temp. (CCT)	2700K (-50/+100) Warm White, 3000K (-45/+130) Pure White
CRI	80s
Optics	Radiax™ Optic
Power Usage at 12V AC Input VA and Watts	4W, 5.5VA Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V – 15V AC/DC with no loss in light output due to constant current driver technology
Lumen Maintenance	Tested to an L-70 of 40,000 hours
Total Lumens	2,700K = 146 3,000K = 170
Efficacy	2,700K = 37 Lm/W 3,000K = 43 Lm/W
Wiring	24" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied.
Mounting Acces. Included	8" in-ground stake
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Tree/Surface Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. Textured White only available in 35° beam. Not for use with electronic transformers.*Cree is a registered trademark of Cree, Inc.

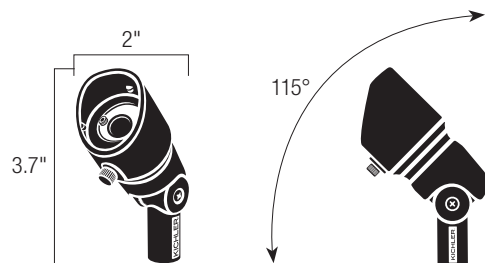
ORDER GUIDE



Kelvin	2700K WARM WHITE	3000K PURE WHITE
Watts/Lumens	Compares to Halogen 20W MR16	
Beam Spread 10° Spot	16003 AZT27 16003 BBR27 16003 BKT27 16003 BE27	16003 AZT30 16003 BBR30 16003 BKT30 16003 BE30
Beam Spread 35° Flood	16004 AZT27 16004 BBR27 16004 BKT27 16004 BE27 16004 WHT27	16004 AZT30 16004 BBR30 16004 BKT30 16004 BE30 16004 WHT30
Beam Spread 60° Wide Flood	16005 AZT27 16005 BBR27 16005 BKT27 16005 BE27	16005 AZT30 16005 BBR30 16005 BKT30 16005 BE30

FINISH GUIDE

- AZT** – Textured Architectural Bronze
- BBR** – Bronzed Brass
- BKT** – Textured Black
- BE** – Beach
- WHT** – Textured White

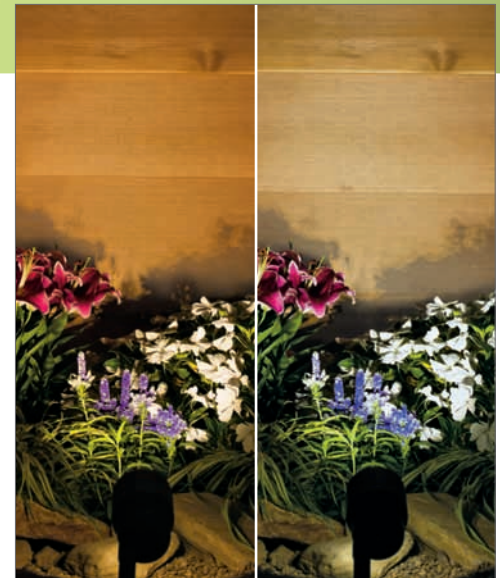


12V 6.5W LED ACCENT

ORDER GUIDE



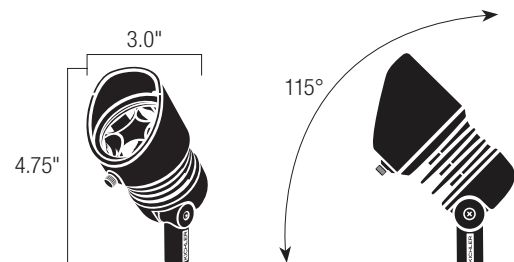
Name	12V 6.5W LED ACCENT
Description	A specification-grade LED fixture collection that features more lumen output packages, Kelvin options, and unparalleled performance.
Housing	Cast Aluminum, Cast Brass (brass will naturally patina over time)
Finish	Textured Architectural Bronze (Marine grade powder coat) Beach (Marine grade powder coat) Bronzed Brass Textured Black (Marine grade powder coat) Textured White (Marine grade powder coat)
Light Source	Integrated LEDs and Constant Current Driver
LEDs	High Output Cree® LEDs tightly binned for color uniformity
Color Temp. (CCT)	2700K (-50/+100) Warm White, 3000K (-45/+130) Pure White
CRI	80s
Optics	Radiax™ Optic
Power Usage at 12V AC Input VA and Watts	6.5W, 10.0VA Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V – 15V AC/DC with no loss in light output due to constant current driver technology
Lumen Maintenance	Tested to an L-70 of 40,000 hours
Total Lumens	2,700K = 306 3,000K = 348
Efficacy	2,700K = 47 Lm/W 3,000K = 54 Lm/W
Wiring	24" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied.
Mounting Acces. Included	8" in-ground stake
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Tree/Surface Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. Textured White only available in 35° beam. Not for use with electronic transformers.*Cree is a registered trademark of Cree, Inc.



Kelvin	2700K WARM WHITE	3000K PURE WHITE
Watts/Lumens	Compares to Halogen 35W MR16	
Beam Spread 10° Spot	16006 AZT27 16006 BBR27 16006 BKT27 16006 BE27	16006 AZT30 16006 BBR30 16006 BKT30 16006 BE30
Beam Spread 35° Flood	16007 AZT27 16007 BBR27 16007 BKT27 16007 BE27 16007 WHT27	16007 AZT30 16007 BBR30 16007 BKT30 16007 BE30 16007 WHT30
Beam Spread 60° Wide Flood	16008 AZT27 16008 BBR27 16008 BKT27 16008 BE27	16008 AZT30 16008 BBR30 16008 BKT30 16008 BE30

FINISH GUIDE

- AZT** – Textured Architectural Bronze
- BBR** – Bronzed Brass
- BKT** – Textured Black
- BE** – Beach
- WHT** – Textured White

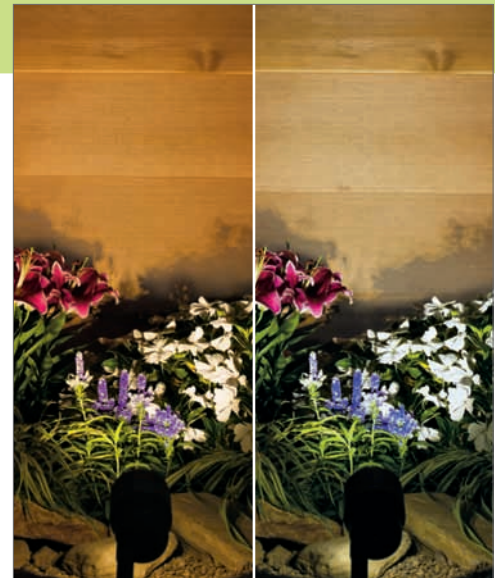


12V 13W LED ACCENT



Name	12V 13W LED ACCENT
Description	A specification-grade LED fixture collection that features more lumen output packages, Kelvin options, and unparalleled performance.
Housing	Cast Aluminum, Cast Brass (brass will naturally patina over time)
Finish	Textured Architectural Bronze (Marine grade powder coat) Beach (Marine grade powder coat) Bronzed Brass Textured Black (Marine grade powder coat) Textured White (Marine grade powder coat)
Light Source	Integrated LEDs and Constant Current Driver
LEDs	High Output Cree® LEDs tightly binned for color uniformity
Color Temp. (CCT)	2700K (-50/+100) Warm White, 3000K (-45/+130) Pure White
CRI	80s
Optics	Radiax™ Optic
Power Usage at 12V AC Input VA and Watts	13W, 18.5VA Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V – 15V AC/DC with no loss in light output due to constant current driver technology
Lumen Maintenance	Tested to an L-70 of 40,000 hours
Total Lumens	2,700K = 520 3,000K = 590
Efficacy	2,700K = 40 Lm/W 3,000K = 45 Lm/W
Wiring	24" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied.
Mounting Acces. Included	8" in-ground stake
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Tree/Surface Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. Textured White only available in 35° beam. Not for use with electronic transformers. *Cree is a registered trademark of Cree, Inc.

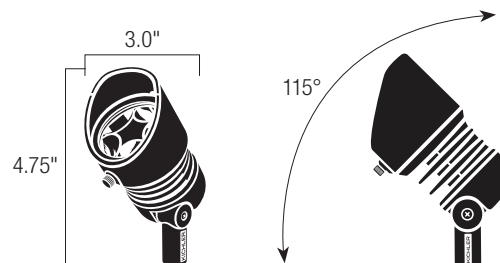
ORDER GUIDE



Kelvin	2700K WARM WHITE	3000K PURE WHITE
Watts/Lumens	Compares to Halogen 50W MR16	
Beam Spread 10° Spot	16009 AZT27 16009 BBR27 16009 BKT27 16009 BE27	16009 AZT30 16009 BBR30 16009 BKT30 16009 BE30
Beam Spread 35° Flood	16010 AZT27 16010 BBR27 16010 BKT27 16010 BE27 16010 WHT27	16010 AZT30 16010 BBR30 16010 BKT30 16010 BE30 16010 WHT30
Beam Spread 60° Wide Flood	16011 AZT27 16011 BBR27 16011 BKT27 16011 BE27	16011 AZT30 16011 BBR30 16011 BKT30 16011 BE30

FINISH GUIDE

- AZT** – Textured Architectural Bronze
- BBR** – Bronzed Brass
- BKT** – Textured Black
- BE** – Beach
- WHT** – Textured White



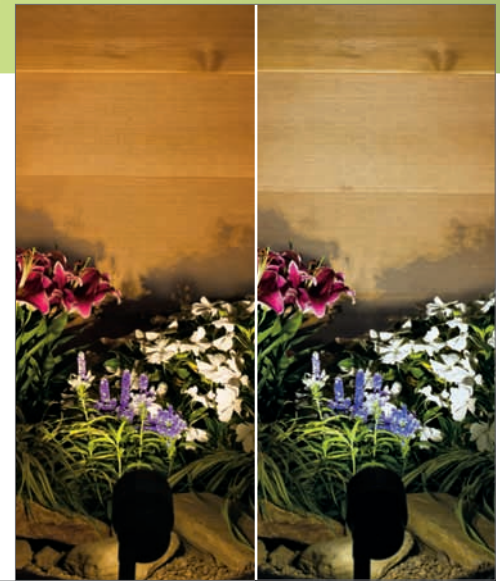
12V 21W LED ACCENT

ORDER GUIDE



16012 (21W 10° Spot)
16013 (21W 35° Flood)
16014 (21W 60° Wide Flood)

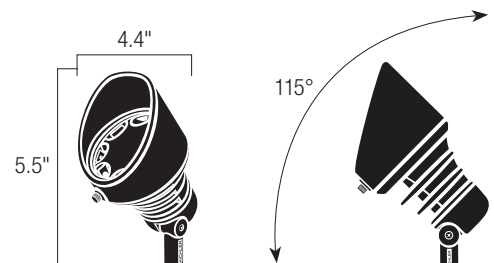
Name	12V 21W LED ACCENT
Description	A specification-grade LED fixture collection that features more lumen output packages, Kelvin options, and unparalleled performance.
Housing	Cast Aluminum, Cast Brass (brass will naturally patina over time)
Finish	Textured Architectural Bronze (Marine grade powder coat) Beach (Marine grade powder coat) Bronzed Brass Textured Black (Marine grade powder coat) Textured White (Marine grade powder coat)
Light Source	Integrated LEDs and Constant Current Driver
LEDs	High Output Cree® LEDs tightly binned for color uniformity
Color Temp. (CCT)	2700K (-50/+100) Warm White, 3000K (-45/+130) Pure White
CRI	80s
Optics	Radiax™ Optic
Power Usage at 12V AC Input VA and Watts	21W, 27.0VA Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V – 15V AC/DC with no loss in light output due to constant current driver technology
Lumen Maintenance	Tested to an L-70 of 40,000 hours
Total Lumens	2,700K = 839 3,000K = 939
Efficacy	2,700K = 40 Lm/W 3,000K = 45 Lm/W
Wiring	24" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied.
Mounting Acces. Included	8" in-ground stake
Optional Mounting Accessories	15601 – Surface Mounting Flange 15607 – Tree/Surface Bracket 15609 – Junction Box Mounting Bracket 15647 – 90° Elbow
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. Textured White only available in 35° beam. Not for use with electronic transformers.*Cree is a registered trademark of Cree, Inc.



Kelvin	2700K WARM WHITE	3000K PURE WHITE
Watts/Lumens	Compares to Halogen 75W MR16	
Beam Spread 10° Spot	16012 AZT27 16012 BBR27 16012 BKT27 16012 BE27	16012 AZT30 16012 BBR30 16012 BKT30 16012 BE30
Beam Spread 35° Flood	16013 AZT27 16013 BBR27 16013 BKT27 16013 BE27 16013 WHT27	16013 AZT30 16013 BBR30 16013 BKT30 16013 BE30 16013 WHT30
Beam Spread 60° Wide Flood	16014 AZT27 16014 BBR27 16014 BKT27 16014 BE27	16014 AZT30 16014 BBR30 16014 BKT30 16014 BE30

FINISH GUIDE

- AZT** – Textured Architectural Bronze
- BBR** – Bronzed Brass
- BKT** – Textured Black
- BE** – Beach
- WHT** – Textured White





FEATURES

- Three lumen output options for just the right punch of light.
- Three beam spread options put light where you want it.
- A range of Kelvin color temperature choices from warm white 2,700K to pure white 3,000K.
- Radiax™ Optics deliver the greatest lumens per watt in the industry for comparable fixtures.
- All brass construction is corrosion-free and stronger than aluminum or composite built designs.
- 15° adjustable aiming.
- Auger stake, with anti-heaving feature included.
- Durable 9V-15V operating range.
- Drive-over and walk-over rated.

LED 12V In-Ground

Go ahead and drive on them – our 12V in-ground products are designed to take it all. Multi-application design can be embedded in hardscaping materials or concrete and the durable construction is designed to hold up against the elements. Customize to your application with the accessories shown here.



Anti-heaving, Auger-style In-Ground Stake – Included



Rockguard – Polycarbonate
Optional accessory, see page 20-21.



Cowl – Cast Brass
Optional accessory, see page 20-21.



Concrete Installation Kit
Optional accessory, see page 20-21.

12V 4W LED IN-GROUND



BBR

16030 (4W 10° Spot)
16031 (4W 35° Flood)
16032 (4W 60° Wide Flood)



Name	12V 4W LED IN-GROUND
Description	A specification-grade LED in-ground fixture collection that features a corrosion-free all brass construction that can be utilized in many types of commercial and residential applications.
Housing	Cast Brass (brass will naturally patina over time)
Finish	Bronzed Brass
Light Source	Integrated LEDs and Constant Current Driver
LEDs	High Output Cree® LEDs tightly binned for color uniformity
Color Temp. (CCT)	2700K (-50/+100) Warm White, 3000K (-45/+130) Pure White
CRI	80s
Optics	Radiax™ Optic
Power Usage at 12V AC Input VA and Watts	4W, 5.8VA Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V – 15V AC/DC with no loss in light output due to constant current driver technology
Lumen Maintenance	Tested to an L-70 of 40,000 hours
Total Lumens	2,700K = 146 3,000K = 170
Efficacy	2,700K = 37 Lm/W 3,000K = 43 Lm/W
Wiring	24" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied.
Mounting Acces. Included	Anti-heaving, auger-style in-ground stake
Optional Mounting Accessories	16501BBRP – Concrete Kit Drive-over and walk-over rated. Rated for a 4500lb car or truck.
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. Aimable up to 15° on the vertical. Not for use with electronic transformers. *Cree is a registered trademark of Cree, Inc.

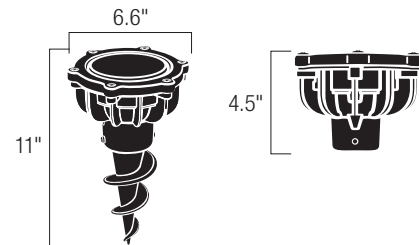
ORDER GUIDE



Kelvin	2700K WARM WHITE	3000K PURE WHITE
Watts/Lumens	Compares to Halogen 20W MR16	
Beam Spread 10° Spot	16030 BBR27	16030 BBR30
Beam Spread 35° Flood	16031 BBR27	16031 BBR30
Beam Spread 60° Wide Flood	16032 BBR27	16032 BBR30

FINISH GUIDE

BBR – Bronzed Brass



12V 6.5W LED IN-GROUND



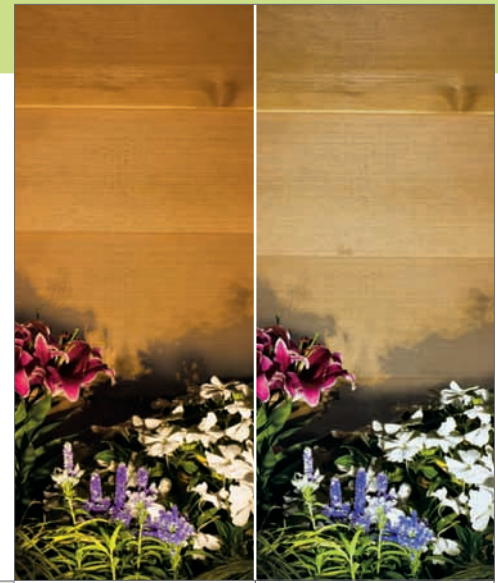
BBR

16033 (6.5W 10° Spot)
16034 (6.5W 35° Flood)
16035 (6.5W 60° Wide Flood)



Name	12V 6.5W LED IN-GROUND
Description	A specification-grade LED in-ground fixture collection that features a corrosion-free all brass construction that can be utilized in many types of commercial and residential applications.
Housing	Cast Brass (brass will naturally patina over time)
Finish	Bronzed Brass
Light Source	Integrated LEDs and Constant Current Driver
LEDs	High Output Cree® LEDs tightly binned for color uniformity
Color Temp. (CCT)	2700K (-50/+100) Warm White, 3000K (-45/+130) Pure White
CRI	80s
Optics	Radiax™ Optic
Power Usage at 12V AC Input VA and Watts	6.5W, 9.3VA Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V – 15V AC/DC with no loss in light output due to constant current driver technology
Lumen Maintenance	Tested to an L-70 of 40,000 hours
Total Lumens	2,700K = 306 3,000K = 348
Efficacy	2,700K = 47 Lm/W 3,000K = 54 Lm/W
Wiring	24" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied.
Mounting Acces. Included	Anti-heaving, auger-style in-ground stake
Optional Mounting Accessories	16501BBRP – Concrete Kit Drive-over and walk-over rated. Rated for a 4500lb car or truck.
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. Aimable up to 15° on the vertical. Not for use with electronic transformers. *Cree is a registered trademark of Cree, Inc.

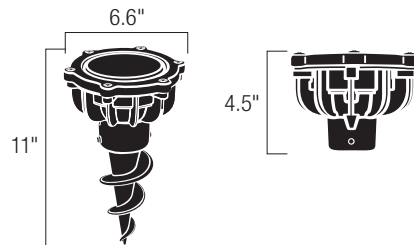
ORDER GUIDE



Kelvin	2700K WARM WHITE	3000K PURE WHITE
Watts/Lumens	Compares to Halogen 35W MR16	
Beam Spread 10° Spot	16033 BBR27	16033 BBR30
Beam Spread 35° Flood	16034 BBR27	16034 BBR30
Beam Spread 60° Wide Flood	16035 BBR27	16035 BBR30

FINISH GUIDE

BBR – Bronzed Brass



15° Adjustable Aiming

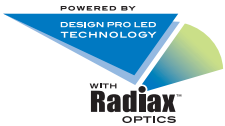


12V 14W LED IN-GROUND



BBR

16036 (14W 10° Spot)
16037 (14W 35° Flood)
16038 (14W 60° Wide Flood)



Name	12V 14W LED IN-GROUND
Description	A specification-grade LED in-ground fixture collection that features a corrosion-free all brass construction that can be utilized in many types of commercial and residential applications.
Housing	Cast Brass (brass will naturally patina over time)
Finish	Bronzed Brass
Light Source	Integrated LEDs and Constant Current Driver
LEDs	High Output Cree® LEDs tightly binned for color uniformity
Color Temp. (CCT)	2700K (-50/+100) Warm White, 3000K (-45/+130) Pure White
CRI	80s
Optics	Radiax™ Optic
Power Usage at 12V AC Input VA and Watts	14W, 18.5VA Multiply fixture VA by the number of fixtures used to determine size of transformer
Operating Voltage Range	9V – 15V AC/DC with no loss in light output due to constant current driver technology
Lumen Maintenance	Tested to an L-70 of 40,000 hours
Total Lumens	2,700K = 520 3,000K = 590
Efficacy	2,700K = 37 Lm/W 3,000K = 42 Lm/W
Wiring	24" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied.
Mounting Acces. Included	Anti-heaving, auger-style in-ground stake
Optional Mounting Accessories	16501BBRP – Concrete Kit Drive-over and walk-over rated. Rated for a 4500lb car or truck.
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. Aimable up to 15° on the vertical. Not for use with electronic transformers. *Cree is a registered trademark of Cree, Inc.

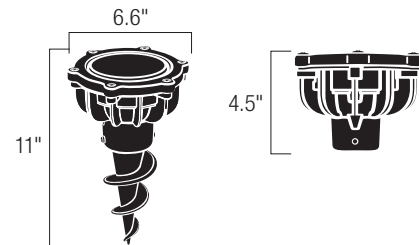
ORDER GUIDE



Kelvin	2700K WARM WHITE	3000K PURE WHITE
Watts/Lumens	Compares to Halogen 50W MR16	
Beam Spread 10° Spot	16036 BBR27	16036 BBR30
Beam Spread 35° Flood	16037 BBR27	16037 BBR30
Beam Spread 60° Wide Flood	16038 BBR27	16038 BBR30

FINISH GUIDE

BBR – Bronzed Brass





FEATURES

- Three lumen output options for just the right punch of light.
- Two beam spread options put light where you want it.
- A range of Kelvin color temperature choices from pure white 3,000K to cool white 4,250K.
- Radiax™ Optics deliver the greatest lumens per watt in the industry for comparable fixtures.
- Constructed from durable, specification grade materials.

LED 120V Accent

In the commercial world, ROI counts – and you can count on our 120V fixtures to pay for themselves on average in less than two years with lower cost of ownership. Plus, our Radiax™ Optics deliver more efficient lumens per watt, for energy savings that help the bottom line. There's no better solution for replacing your halogen PAR and metal halide lamps.

75W Halogen

= \$113.73
per year

19.5W Design Pro LED

= \$11.53
per year

Superior Light Fixtures, Superior Results



Design Pro LED fixture
120V, 12.5 Watt



Competitor LED Fixture
120V, 13 Watt

120V 12.5W LED ACCENT

ORDER GUIDE



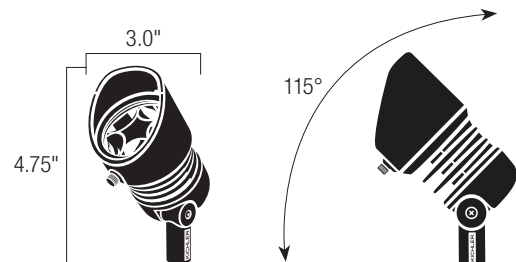
Name	120V 12.5W LED ACCENT
Description	A specification-grade LED fixture collection for both new installations and existing fixture replacement.
Housing	Cast Aluminum, Cast Brass (brass will naturally patina over time)
Finish	Textured Architectural Bronze (marine grade powder coat) Bronzed Brass
Light Source	Integrated LEDs, Driver and Transformer
LEDs	High Output Cree® LEDs tightly binned for color uniformity
Color Temp. (CCT)	3000K (-45/+130) Pure White, 4250K (-250/+250) Cool White
CRI	3000K = 80s, 4250K = High 70s
Optics	Radiax™ Optic
Power Usage	12.5W, .13A, .85pf
Operating Voltage Range	108-132VAC, 50-60 Hz
Lumen Maintenance	Tested to an L-70 of 40,000 hours
Total Lumens	3,000K = 590 4,250K = 646
Efficacy	3,000K = 47 Lm/W 4,250K = 52 Lm/W
Wiring	8" of usable 200° C 18AWG wire leads
Mounting Acces. Included	N/A
Optional Mounting Accessories	15276 – Power Post® 15601 – Surface Mounting Flange, for attachment to junction box 15609 – Junction Box Mounting Bracket
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. *Cree is a registered trademark of Cree, Inc.



Kelvin	3000K PURE WHITE	4250K COOL WHITE
Watts/Lumens	Compares to Halogen 50W PAR30	
Beam Spread 10° Spot	16200 AZT30 16200 BBR30	16200 AZT42 16200 BBR42
Beam Spread 35° Flood	16201 AZT30 16201 BBR30	16201 AZT42 16201 BBR42

FINISH GUIDE

AZT – Textured Architectural Bronze
BBR – Bronzed Brass

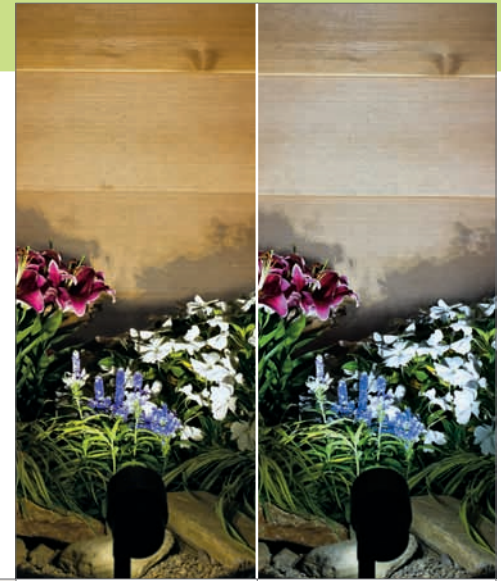


120V 19.5W LED ACCENT



Name	120V 19.5W LED ACCENT
Description	A specification-grade LED fixture collection for both new installations and existing fixture replacement
Housing	Cast Aluminum, Cast Brass (brass will naturally patina over time)
Finish	Textured Architectural Bronze (marine grade powder coat) Bronzed Brass
Light Source	Integrated LEDs, Driver and Transformer
LEDs	High Output Cree® LEDs tightly binned for color uniformity
Color Temp. (CCT)	3000K (-45/+130) Pure White, 4250K (-250/+250) Cool White
CRI	3000K = 80s, 4250K = High 70s
Optics	Radiax™ Optic
Power Usage	19.5W, .18A, .90pf
Operating Voltage Range	108-132V AC, 50-60 Hz
Lumen Maintenance	Tested to an L-70 of 40,000 hours
Total Lumens	3,000K = 947 4,250K = 993
Efficacy	3,000K = 49 Lm/W 4,250K = 51 Lm/W
Wiring	8" of usable 200° C 18AWG wire leads
Mounting Acces. Included	N/A
Optional Mounting Accessories	15276 – Power Post® 15601 – Surface Mounting Flange, for attachment to junction box 15609 – Junction Box Mounting Bracket
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. *Cree is a registered trademark of Cree, Inc.

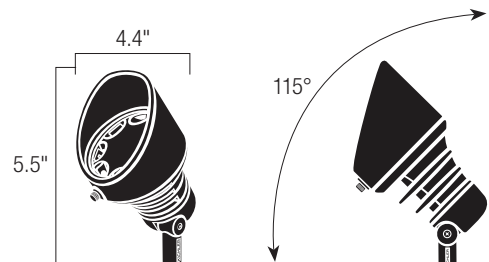
ORDER GUIDE



Kelvin	3000K PURE WHITE	4250K COOL WHITE
Watts/Lumens	Compares to Halogen 75W PAR30	
Beam Spread 10° Spot	16202 AZT30 16202 BBR30	16202 AZT42 16202 BBR42
Beam Spread 35° Flood	16203 AZT30 16203 BBR30	16203 AZT42 16203 BBR42

FINISH GUIDE

AZT – Textured Architectural Bronze
BBR – Bronzed Brass

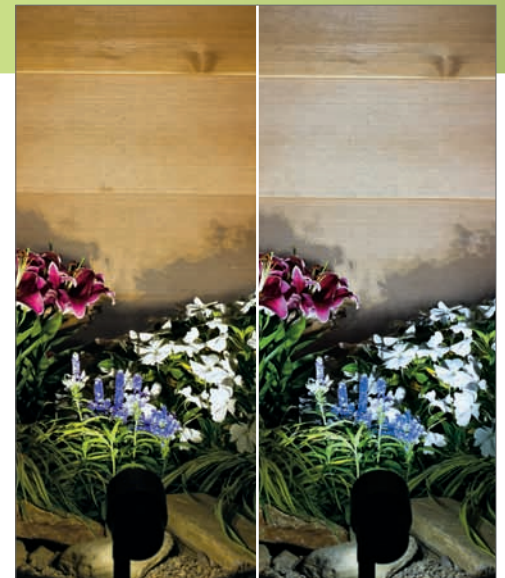


120V 29W LED ACCENT

ORDER GUIDE



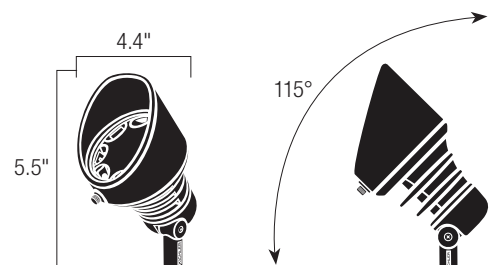
Name	120V 29W LED ACCENT
Description	A specification-grade LED fixture collection for both new installations and existing fixture replacement.
Housing	Cast Aluminum, Cast Brass (brass will naturally patina over time)
Finish	Textured Architectural Bronze (marine grade powder coat) Bronzed Brass
Light Source	Integrated LEDs, Driver and Transformer
LEDs	High Output Cree® LEDs tightly binned for color uniformity
Color Temp. (CCT)	3000K (-45/+130) Pure White, 4250K (-250/+250) Cool White
CRI	3000K = 80s, 4250K = High 70s
Optics	Radiax™ Optic
Power Usage	29W, .27A, .90pf
Operating Voltage Range	108-132V AC, 50-60 Hz
Lumen Maintenance	Tested to an L-70 of 40,000 hours
Total Lumens	3,000K = 1,131 4,250K = 1,368
Efficacy	3,000K = 39 Lm/W 4,250K = 47 Lm/W
Wiring	8" of usable 200° C 18AWG wire leads
Mounting Acces. Included	N/A
Optional Mounting Accessories	15276 – Power Post® 15601 – Surface Mounting Flange, for attachment to junction box 15609 – Junction Box Mounting Bracket
Notes	Subjected to Highly Accelerated Life Testing – 3rd party reliability testing. *Cree is a registered trademark of Cree, Inc.



Kelvin	3000K PURE WHITE	4250K COOL WHITE
Watts/Lumens	Compares to Halogen 100W PAR38	
Beam Spread 10° Spot	16204 AZT30 16204 BBR30	16204 AZT42 16204 BBR42
Beam Spread 35° Flood	16205 AZT30 16205 BBR30	16205 AZT42 16205 BBR42


FINISH GUIDE

AZT – Textured Architectural Bronze
BBR – Bronzed Brass



12V & 120V LED ACCESSORIES

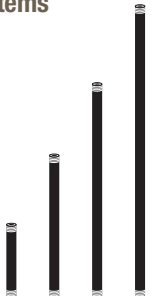


LENS/SHIELD ACCESSORIES	12V LED COMPATIBLE FIXTURE	120V LED COMPATIBLE FIXTURE	ITEM NUMBER
LED Amber Lens for a warmer light 	3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	—	16064 AMB
	6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	12.5W – 16200, 16201	16065 AMB
	21W – 16012, 16013, 16014	19.5W & 29W – 16202, 16203, 16204, 16205	16066 AMB
LED Green Lens for a cooler light 	3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	—	16064 GRN
	6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	12.5W – 16200, 16201	16065 GRN
	21W – 16012, 16013, 16014	19.5W & 29W – 16202, 16203, 16204, 16205	16066 GRN
LED Frosted Lens for a softer/diffused light 	3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	—	16064 FRO
	6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	12.5W – 16200, 16201	16065 FRO
	21W – 16012, 16013, 16014	19.5W & 29W – 16202, 16203, 16204, 16205	16066 FRO
Long Cowl   Shown Installed	3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	—	—
	6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	12.5W – 16200, 16201	16060 AZT 16060 BBR 16060 BKT 16060 WHT
	21W – 16012, 16013, 16014	19.5W & 29W – 16202, 16203, 16204, 16205	16062 AZT 16062 BBR 16062 BKT 16062 WHT
360° Cowl   Shown Installed	3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	—	—
	6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	12.5W – 16200, 16201	16061 AZT 16061 BBR 16061 BKT 16061 WHT
	21W – 16012, 16013, 16014	19.5W & 29W – 16202, 16203, 16204, 16205	16063 AZT 16063 BBR 16063 BKT 16063 WHT
Rockguard – Polycarbonate Walk-over rated 	4W, 6.5W & 14W – 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038	—	16051 BBRP
Rockguard – Cast Brass Drive-over & walk-over rated 	4W, 6.5W & 14W – 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038	—	16051 BBR
Cowl – Polycarbonate 	4W, 6.5W & 14W – 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038	—	16050 BBRP

LENS/SHIELD ACCESSORIES	12V LED COMPATIBLE FIXTURE	120V LED COMPATIBLE FIXTURE	ITEM NUMBER
Cowl – Cast Brass 	4W, 6.5W & 14W – 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038	—	16050 BBR

MOUNTING ACCESSORIES	12V LED COMPATIBLE FIXTURE	120V LED COMPATIBLE FIXTURE	ITEM NUMBER
Concrete Installation Kit Drive-over & walk-over rated Throw-away debris lid 	4W, 6.5W & 14W – 16030, 16031, 16032, 16033, 16034, 16035, 16036, 16037, 16038	—	16501 BBRP
Surface Mounting Flange 4" D 1/2" NPSM thd. 	3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	—	15601 AZT 15601 BBR 15601 BKT
	6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	12.5W – 16200, 16201	15601 AZT 15601 BBR 15601 BKT
	21W – 16012, 16013, 16014	19.5W & 29W – 16202, 16203, 16204, 16205	15601 AZT 15601 BBR 15601 BKT
Junction Box Mounting Bracket 2.39" W 5.56" H 1/2" NPSM thd. 	3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	—	15609 AZT 15609 BKT
	6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	12.5W – 16200, 16201	15609 AZT 15609 BKT
	21W – 16012, 16013, 16014	19.5W & 29W – 16202, 16203, 16204, 16205	15609 AZT 15609 BKT
Tree/Surface Mounting Bracket 1.5" x 2.5" x 1" 1/2" NPSM thd. 	3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	—	15607 AZT 15607 BBR 15607 BKT 15607 WHT
	6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	—	15607 AZT 15607 BBR 15607 BKT 15607 WHT
	21W – 16012, 16013, 16014	—	15607 AZT 15607 BBR 15607 BKT 15607 WHT
90° Elbow 1.18" W 2.09" H 1.35" L 1/2" NPSM thd. 	3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	—	15647 AZT 15647 BBR 15647 BKT
	6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	—	15647 AZT 15647 BBR 15647 BKT
	21W – 16012, 16013, 16014	—	15647 AZT 15647 BBR 15647 BKT
Power Post® 19" 4.375" 1/2" NPSM thd. 2.25" 	—	—	15276 BKT
	—	12.5W – 16200, 16201	15276 BKT
	—	19.5W & 29W – 16202, 16203, 16204, 16205	15276 BKT

MOUNTING ACCESSORIES & PHOTOMETRICS

MOUNTING ACCESSORIES


ACCESSORIES	12V LED COMPATIBLE FIXTURE	120V LED COMPATIBLE FIXTURE	ITEM NUMBER
Fixture Mounting Stems 	3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	—	1/2" NPSM thd. Stems 3/4" Dia. Overall 6" – 15645 AZT 18" – 15657 AZT 15645 BBR * 15657 BBR 15645 BKT 15657 BKT 12" – 15656 AZT 24" – 15658 AZT 15656 BBR 15658 BBR 15656 BKT 15658 BKT 1/2" stems will require additional Coupler (15649) or Elbow (15647) for accent light use
	6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	12.5W – 16200, 16201	
	21W – 16012, 16013, 16014	19.5W & 29W – 16202, 16203, 16204, 16205	
Adjustable Height Stems  Extends from 18" to 33" 1/2" NPSM thd.	3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	—	15570 AZT 15570 BKT 1/2" stems will require additional Coupler (15649) or Elbow (15647) for accent light use
	6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	12.5W – 16200, 16201	
	21W – 16012, 16013, 16014	19.5W & 29W – 16202, 16203, 16204, 16205	
Stem Coupler  1/2" NPSM thd. 1.5" H	3W & 4W – 16000, 16001, 16002, 16003, 16004, 16005	—	15649 AZT 15649 BBR 15649 BKT
	6.5W & 13W – 16006, 16007, 16008, 16009, 16010, 16011	12.5W – 16200, 16201	
	21W – 16012, 16013, 16014	19.5W & 29W – 16202, 16203, 16204, 16205	


12V ACCENT PHOTOMETRICS

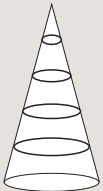
10° SPOT		16000		16003		16006		16009		16012	
Feet	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	
8	20	1.8	22.2	2.1	106.3	1.6	187.2	1.5	171.6	2	
12	8.9	2.7	9.9	3.1	48.4	2.4	83.2	2.3	76.3	3	
24	2.2	5.4	2.5	6.2	12.2	4.8	20.8	4.6	19.1	6	
36	1	8.1	1.1	9.3	5.4	7.2	9.2	6.9	8.5	8.9	
48	0.6	10.8	0.6	12.4	3.1	9.6	5.2	9.2	4.8	11.9	
60	0.4	13.5	0.4	15.5	2	12	3.3	11.6	3.1	14.9	
35° FLOOD		16001		16004		16007		16010		16013	
Feet	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	
4	16.3	2.2	21.7	2.3	66.1	2.3	99.6	2.3	138.8	2.5	
8	4.1	4.5	5.4	4.5	16.5	4.5	24.9	4.6	34.7	4.9	
16	1	9	1.4	9	4.1	9.1	6.2	9.1	8.7	9.8	
24	0.5	13.5	0.6	13.5	1.8	13.6	2.8	13.7	3.9	14.8	
32	0.3	18	0.3	18	1	18.1	1.6	18.2	2.2	19.7	
40	0.2	22.5	0.2	22.5	0.7	22.6	1	22.8	1.4	24.6	
60° WIDE FLOOD		16002		16005		16008		16011		16014	
Feet	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width	
4	6.8	4	11.2	4.3	15	4.2	26.4	4.4	43.2	4.2	
8	1.7	7.9	2.8	8.6	3.7	8.5	6.6	8.8	10.8	8.5	
16	0.4	15.8	0.7	17.3	0.9	17	1.7	17.5	2.7	16.9	
24	0.2	23.7	0.3	25.9	0.4	25.5	0.7	26.3	1.2	25.4	
32	0.1	31.6	0.2	34.6	0.2	34	0.4	35	0.7	33.9	
40	0.1	39.5	0.1	43.2	0.2	42.4	0.3	43.8	0.4	42.3	

PHOTOMETRICS


12V IN-GROUND PHOTOMETRICS


10° SPOT		16030		16033		16036	
	Feet	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width
	8	32.6	1.6	113.8	1.4	214.7	1.4
	12	14.5	2.3	50.6	2.1	95.4	2
	24	3.6	4.7	12.6	4.3	23.8	4.1
	36	1.6	7	5.6	6.4	10.6	6.1
	48	0.9	9.3	3.2	8.6	6	8.1
60	0.6	11.7	2	10.7	3.8	10.1	

35° FLOOD		16031		16034		16037	
	Feet	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width
	4	21.7	2.3	53	2.4	98.5	2.3
	8	5.4	4.5	13.3	4.7	24.6	4.5
	16	1.4	9	3.3	9.4	6.1	9.1
	24	0.6	13.5	1.5	14.1	2.7	13.6
	32	0.3	18	0.8	18.9	1.5	18.1
40	0.2	22.5	0.5	23.6	1	22.6	

60° WIDE FLOOD		16032		16035		16038	
	Feet	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width
	4	11.2	4.3	14.7	4.5	25.1	4.4
	8	2.8	8.6	3.7	9.1	6.3	8.8
	16	0.7	17.3	0.9	18.1	1.6	17.7
	24	0.3	25.9	0.4	27.2	0.7	26.5
	32	0.2	34.6	0.2	36.2	0.4	35.3
40	0.1	43.2	0.1	45.3	0.3	44.2	

120V ACCENT PHOTOMETRICS

10° SPOT		16200		16202		16204	
	Feet	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width
	8	238.9	1.4	313.3	1.6	394.5	1.6
	12	106.2	2.1	139.2	2.4	175.3	2.5
	24	26.5	4.1	34.8	4.9	43.8	4.9
	36	11.8	6.2	15.5	7.3	19.5	7.4
	48	6.6	8.3	8.7	9.7	11	9.8
60	4.2	10.3	5.6	12.1	7	12.3	

35° FLOOD		16201		16203		16205	
	Feet	Foot Candles	Beam Width	Foot Candles	Beam Width	Foot Candles	Beam Width
	4	112.6	2.3	153.2	2.5	205.8	2.4
	8	28.1	4.5	38.3	4.9	51.5	4.8
	16	7	9	9.6	9.9	13.2	9.6
	24	3.1	13.6	4.3	14.8	5.9	14.4
	32	1.8	18.1	2.4	19.8	3.3	19.2
40	1.1	22.6	1.5	24.7	2.1	24	

- All Foot Candle values shown for 3000K color temperature.
- For 2700K reduce by 10%.
- For 4250K increase by 20%.

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What “Powered by Design Pro LED Technology” means to you!

Professional grade LED lighting and systems components, designed and engineered for optimum all-weather performance with natural lighting effects ...

The result is an extremely efficient, state-of-the-art LED fixture that delivers a pure, white light with the right amount of lumens to enhance any exterior design – and illuminate your specific application the way it was intended.

For your clients, Kichler® Design Pro LED offers long-term cost savings since the fixtures use 80% less electricity than traditional lighting. Plus, our complete Landscape Lighting collection features an extensive selection that allows you to reap the benefits of LED on any outdoor landscape lighting job.

See our complete line of professional grade landscape lighting at:
www.landscapelighting.com

LED Energy & Cost Comparison

