

12V INTEGRATED LED

Accent Lights with VLO

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

Our Finest Integrated LED Technology



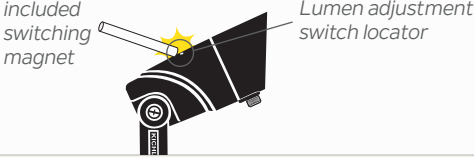
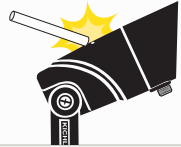
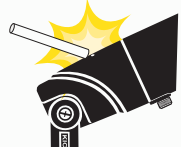
Backed by Kichler's industry-leading 15-year warranty.
For details, visit Kichler.com/Warranty

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

- Create more customized landscape designs while carrying less fixtures in your inventory.
- Quickly adjust the lighting design during the initial installation for the right amount of light output — or years down the road as the landscape application needs changed.
- Two discrete sized fixture platforms give all the lumen options you need without the bulk.

Incredibly easy to adjust.

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

VLO Adjustment Settings			Small Accent	Large Accent
Level 1	1: Flashes once		100 lm	*400 lm
Level 2	2: Flashes twice		*200 lm	600 lm
Level 3	3: Flashes three times		300 lm	835 lm

*Factory setting

(VLO) Variable Lumen Output

			12V LED Small Accent	
			Level 1	100 Lumens (shown: 16016 Small Accent, 35° Flood, 2W, 3000K)
			Level 2*	200 Lumens (shown: 16016 Small Accent, 35° Flood, 3.5W, 3000K) *Factory setting
			Level 3	300 Lumens (shown: 16016 Small Accent, 35° Flood, 5.5W, 3000K)
Level 1	Level 2	Level 3	12V LED Large Accent	
			Level 1*	400 Lumens (shown: 16019 Large Accent, 35° Flood, 6W, 3000K) *Factory setting
			Level 2	600 Lumens (shown: 16019 Large Accent, 35° Flood, 11W, 3000K)
			Level 3	835 Lumens (shown: 16019 Large Accent, 35° Flood, 16W, 3000K)



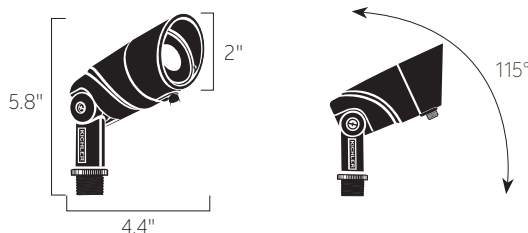
Note: Beam width/cut-off is dependent on how close the fixture is to the object.
Lumen levels are the same for 2700K and 3000K.

Accent with VLO

Integrated LED Small/Large






Small Accent with Variable Lumen Output

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



Large Accent with Variable Lumen Output

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

Dimensions

