

TRANSFORMER LOCATION TO BE DETERMINED BY INSTALLER / ELECTRICIAN
EACH WIRE RUN SHOULD BE CONNECTED BACK TO THE TRANSFORMER FROM THE
NEAREST FIXTURE ON THAT RUN

INDICATES SUGGESTED LUMEN LEVEL SETTING

16015-16017
●○ 100LM
●● 200LM
●●● 300LM

TRANSFORMER LOCATION SHOWN FOR
REFERENCE ONLY AND MAY BE SUBJECT TO
CHANGE AT RECOMMENDATION OF
ELECTRICIAN OR INSTALLER

ALL GROUND MOUNTED ACCENT LIGHTING TO
BE INSTALLED NEAR BASE OF HOME

ACCENT LIGHTING INSTALLATION POSTIONED
TO AVOID GLARE & HOT SPOTS

LOW VOLTAGE CABLE RUNS TO
BE DETERMINED DURING INSTALLATION

LUMEN LEVEL SETTINGS ADJUSTED
ON LOCATION



1 LANDSCAPE LIGHTING
NOT TO SCALE

POWER SUPPLY TOTAL LOAD = 144.0VA

SYMBOL LEGEND

FIXTURES

- 15 16015 - 12V, 15 DEG. VLO SPOT LT. (7.5VA)
- 16 16016 - 12V, 35 DEG. VLO FLOOD LT. (7.5VA)
- 17 16017 - 12V, 60 DEG. VLO FLOOD LT. (7.5VA)

WIRE

--- 15502BK - 12 GAUGE LOW VOLTAGE CABLE



1 LANDSCAPE LIGHTING
NOT TO SCALE

SYMBOL LEGEND	
TRANSFORMER	
T300	15PR300SS - 300W TRANSFORMER
FIXTURES	
P	15810 - DOME LED PATH LT. (4.5VA)
WIRE	
---	15502BK - 12 GAUGE LOW VOLTAGE CABLE

15556WH - Digital Transformer Timer

- Dimensions: 2.73" W x 3.84" H x 1.89" L
- Plug-In Digital Timer For Use With All Plus and Professional Series Transformers
- Battery Backup Included
- Straightforward Programming & Easy Daylight Savings Changeover

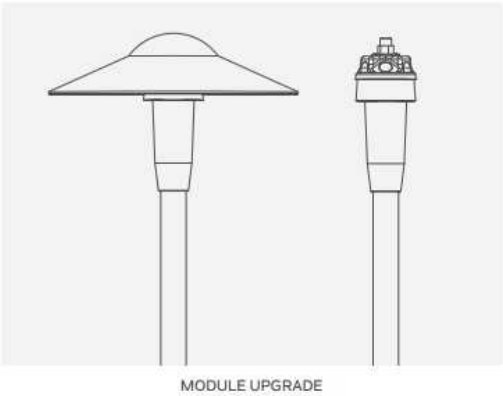


12V VLO SMALL ACCENT

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'
LEVEL 2 LUMENS	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'
	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'



The updated Kichler® integrated LED path and spread light module offers smooth illumination by directing the LEDs upward, reflecting off the shade at an optimized angle to provide an even spread on sidewalks, walkways, and flower beds. This upgraded module also offers glare control, optimal lumen levels, and robust construction that stands up against the elements.



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FEATURES & BENEFITS

- Optimal and efficient: 250 lumens at only 3W of power
- Strategically placed angled LEDs provide an effective omni-directional distribution
- Uniform illumination with even spreads of light
- Improved photometrics provide up to 12' of light per fixture
- Indirect design controls glare, especially when used in elevations
- Integrated LED module is fully encapsulated and protected from the elements
- Field replaceable module
- 15 year module warranty

Accent VLO 2" Small Long Cowl Textured Architectural Bronze

16067AZT

SPECIFICATIONS

Certifications/Qualifications		www.kichler.com/warranty
Dimensions		
Height	4.50"	
Width	2.00"	
Mounting/Installation		
Location Rating	Wet	
FIXTURE ATTRIBUTES		
Housing		
Primary Material	ALUMINUM	
Product/Ordering Information		
SKU	16067AZT	
Finish	Textured Architectural Bronze	
UPC	783927542869	
Finish Options		

- Centennial Brass
- Textured Architectural Bronze
- Textured Black



USING 15 VOLT TAP			
Feet	8AWG	10AWG	12AWG
160	240	230	145
180	240	200	130
200	240	185	115
220	240	170	105
240	240	155	95
260	225	140	90
280	210	130	80
300	195	120	75
320	180	115	70
340	175	110	65
360	165	100	65
380	155	95	60
400	145	90	55
420	140	85	55
440	135	85	50
460	125	80	50
480	120	75	45
500	115	70	45
520	110	70	45
540	110	65	40
560	105	65	40
580	100	60	40
600	95	60	35
620	95	60	35
640	90	55	35
660	90	55	35
680	85	55	30
700	85	50	30
720	80	50	30
740	80	50	30
760	75	45	30
780	75	45	30
800	70	45	25
820	70	45	25
840	70	40	25
860	65	40	25
880	65	40	25
900	65	40	25
920	60	40	25
940	60	35	25
960	60	35	20
980	60	35	20
1000	55	35	20

12V LED Accent Light
with Variable Lumen Output (VLO)

16015-16017



OVERVIEW

The VLO Accent Light is unsurpassed in both style and performance. The VLO combines advanced LED, Driver & Optic technology with premium materials. A single fixture provides the installer the option to select three different lumen outputs reducing installation complexity and increasing infield versatility.

FEATURES

- High lumens in small body
- Variable lumen output
- Advanced optics provide superb center to edge uniformity
- Available beam angle: 10°, 35° & 60°
- Complete sealed system for improved reliability
- Advanced ESD protection (6 kV)
- IP66 rated

PERFORMANCE

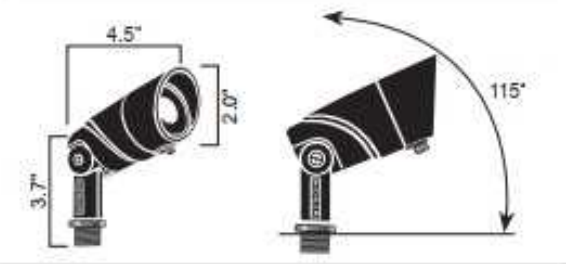
Output Position	Level 1	Level 2	Level 3
Lumen output	100	200	300
Input voltage	9-15	9-15	9-15
Power (VA) @ 15VAC	3.5	5.5	8
Power (W) @ 15VDC	2	3.5	5.5
Efficacy (Lm/W @DC)	50	57	55
Halogen Replacements	10W	20W	30-35W

SPECIFICATIONS

Fixture	
Light Source	Integrated LED
Number of LEDs	1 High Output LED
Color Temperature	2700K, 3000K
Color Rendering Index	80
Beam Angles	10°, 35°, 60°
Binning	3 Step
Fixture can be used in UP or DOWN position	
Input	
Input Voltage Range	9 – 15V AC or DC with no loss in light output
Input Frequency	47 – 63Hz
Input Current	877mA max@15VAC
Inrush Current	9A Max
Efficiency	> 57L/W @ 12VDC
Power Factor	> 0.7 @ 15V
Output	
Lumen Level 3 (max)	300
Lumen Level 2 (mid)	200 (factory setting)
Lumen Level 1 (low)	100
Environmental	
Environmental Protection Rating	Wet, IP 66
Operation Ambient Temperature	-25°C - +40°C
Expected Life Time (L70)	50K Hours
Mechanical & Housing Specification	
Length	4.5" / 114 mm
Width	2.0" / 50.5 mm
Height	3.7" / 94.5 mm
Housing Material	Aluminum, Brass
Housing Color & Surface	Black/AZT/ White/CBR Brass
Weight	Alum 13 oz/ 0.36Kg, Brass 30oz/ .9Kg

FIXTURE

Glass Lens
Tempered, shock resistance glass with high tolerance for thermal expansion and stress.
Body
A380 Aluminum, C360 Brass casting
Wire
18 AWG, SPT-1W, 105°C, 300V, 48" useable length
Optics
Custom reflector provides superior fixture beam angle. Available in 10°, 35° and 60°.
Included Accessories
Includes 8" slotted in-ground stake, 2 gel-filled wire nuts and lumen switching magnetic key.
Dimensions



AVAILABLE FINISHES

AZT Textured Architectural Bronze	BKT Textured Black	CBR Centennial Brass	WHT Textured White (35° only)
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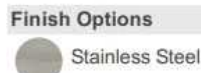
Pro Series 300W Transformer Stainless Steel

15PR300SS

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SPECIFICATIONS

Certifications/Qualifications	
www.kichler.com/warranty	
Dimensions	
Height	5.50"
Length	19.00"
Width	5.75"
Electrical	
Input Voltage	120.00V
Operating Voltage Range	108-132
Voltage	120V
Light Source	
Lamp Included	Not Included
Mounting/Installation	
Lead Wire Length	36"
Location Rating	Wet
FIXTURE ATTRIBUTES	
Housing	
Primary Material	Stainless Steel
Product/Ordering Information	
SKU	15PR300SS
Finish	Stainless Steel
UPC	783927027175
Finish Options	



ALSO IN THIS FAMILY



6" Fixture Mounting Stem .5 NPSM Textured Architectural Bronze	
15645AZT	
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SPECIFICATIONS	
Certifications/Qualifications	
www.kichler.com/warranty	
Dimensions	
Height	6.00"
Length	0.75"
Width	0.75"
Mounting/Installation	
Location Rating	Accessory, Listing Not Required
FIXTURE ATTRIBUTES	
Housing	
Primary Material	Aluminum
Product/Ordering Information	
SKU	15645AZT
Finish	Textured Architectural Bronze
UPC	783927351010
Finish Options	
☒ Textured Architectural Bronze	
☐ Textured Black	
1.5" Stem Coupler .5 NPSM Textured Architectural Bronze	
15649AZT	
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SPECIFICATIONS	
Certifications/Qualifications	
www.kichler.com/warranty	
Dimensions	
Height	1.56"
Length	1.06"
Width	1.06"
Light Source	
Lamp Included	Not Included
Mounting/Installation	
Location Rating	Accessory, Listing Not Required
FIXTURE ATTRIBUTES	
Housing	
Primary Material	ALUMINUM
Product/Ordering Information	
SKU	15649AZT
Finish	Textured Architectural Bronze
UPC	783927156707
Finish Options	
☒ Textured Architectural Bronze	
☐ Textured Black	

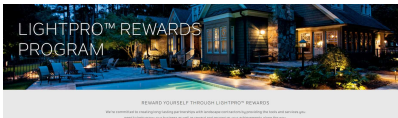


NOTES

1. ALL WIRING SHOULD BE INSTALLED IN ACCORDANCE WITH LOCAL, STATE AND NATIONAL ELECTRICAL CODES, UL SAFETY STANDARDS AND BE INSTALLED BY QUALIFIED, LICENSED ELECTRICIAN.
2. SEE ASSEMBLY AND INSTALLATION INSTRUCTIONS PROVIDED WITH ALL KICHLER FIXTURE / ACCESSORY FOR ACCURATE AND SAFE INSTALLATION
3. USE ONLY KICHLER FIXTURES AND ACCESSORIES FOR THIS INSTALLATION.
4. FAILURE TO ADHERE TO ABOVE NEC CODES AND INSTRUCTIONS MAY RESULT IN SERIOUS INJURY AND/OR PROPERTY DAMAGE
5. ALL FIXTURES MUST BE AT LEAST 10FT AWAY FROM A SWIMMING POOL. TO MEET THE NEC CODE.
6. PERLIMINARY NOT FOR CONSTRUCTION
7. LAYOUT DESIGN FOR REFERENCE ONLY, FINAL PRODUCT PLACEMENT MAY BE SUBJECT TO CHANGE PER ELECTRICIAN OR INSTALLER.
8. FIXTURES ARE SHOWN IN APPROXIMATE LOCATION. THE CONTRACTOR SHALL VERIFY THE ACTUAL FIELD PLACEMENT OF EACH FIXTURE UPON COMPLETION OF LANDSCAPE INSTALLATION.
9. THE INSTALLING CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE FIXTURES AT NIGHT TO HELP ELIMINATE GLARE AND TO ENSURE OPTIMUM LIGHTING EFFECT.
10. INSTALLER SHALL BURY LOW VOLTAGE CABLE NO LESS THAN 6" IN GROUND.



Coletto Brands



Don't forget to tag your pictures on Facebook and/or Instagram At:
#KichlerLandscape

layouts@kichler.com
www.kichler.com/APS

LD1.4

Sheet 4 of 4

In consideration for receiving and using this lighting layout, Kichler Lighting LLC shall not be liable for any actions, causes of actions, claims for any damage, loss or injury sustained by altering, changing, modifying or deviating from this drawing.

CUSTOMER
FERGUSON

PROJECT
PEREZ
PRESENTATION

PROJECT NO.
ATS18008329
ATS18008330

DRAWN BY
M. Angersola
DATE
05-28-2025

DATE	REVISION

KICHLER