Design
Pro LED

HARDSCAPE, DECK, STEP & BENCH LIGHTS

POWERED BY
DESIGN PRO LED
TECHNOLOGY

KICHLER®

Discover LED like you've never seen it.

Unique Hardscape LED light fixtures that are:

- Available in multiple Kelvin temperature options: warm white 2700K, pure white 3000K and cool white 4200K
- Available in 1, 3, 6, and 9 LED fixtures
- Long-life LED light source — 40,000 hours at industry standard L70
- Tested to withstand the elements for years of enjoyment
- Easy to install
- Easily adapts to almost any hardscape, deck, step, or bench application
- Finishes compliment popular stone and decking options: Textured Architectural Bronze, Bronzed Brass, Copper, Gray, Sand and Textured White

6-LED
Textured Architectural Bronze

9-LED
Sand

3-LED
White

1-LED
Bronzed Brass

POWERED BY
DESIGN PRO LED
TECHNOLOGY

Multiple Kelvin Temperatures

Warm White
2700K

Pure White
3000K

Cool White
4200K

Maximum Flexibility

Easy installation, low voltage usage, low profile (.66" wide) and low heat output of Design Pro LED enables them to be used in a variety of outdoor applications.

- Retaining walls of all types – new and existing construction
- Brick or stone columns
- Under all types of steps, including wood, composite, stone and brick, etc., with and without risers
- Under deck and chair/hand and fence rails
- Lips or the undersides of a wide variety of outdoor surfaces
- Pergolas
- Outdoor kitchen and bar areas (under lips and toe kicks)
- Raised beds/planters
- Boat docks (as permitted by local codes)
- Customize illumination by mounting farther back, for a scalloped effect, or forward for a more even effect
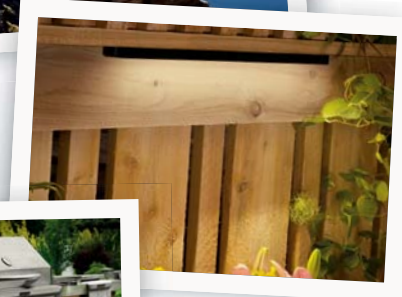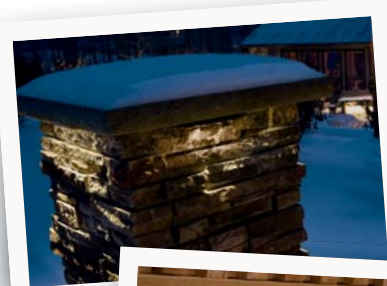
A built-in driver and an operable voltage range of 9-15V virtually eliminate voltage drop in every Design Pro LED Hardscape, Deck, Step & Bench Light fixture.

Easy to Install

Thoughtful design, so whether new or existing construction, you can design effectively and install it efficiently.

NEW CONSTRUCTION
LED Light fixture and stainless steel mounting bracket are preassembled and ready to install.
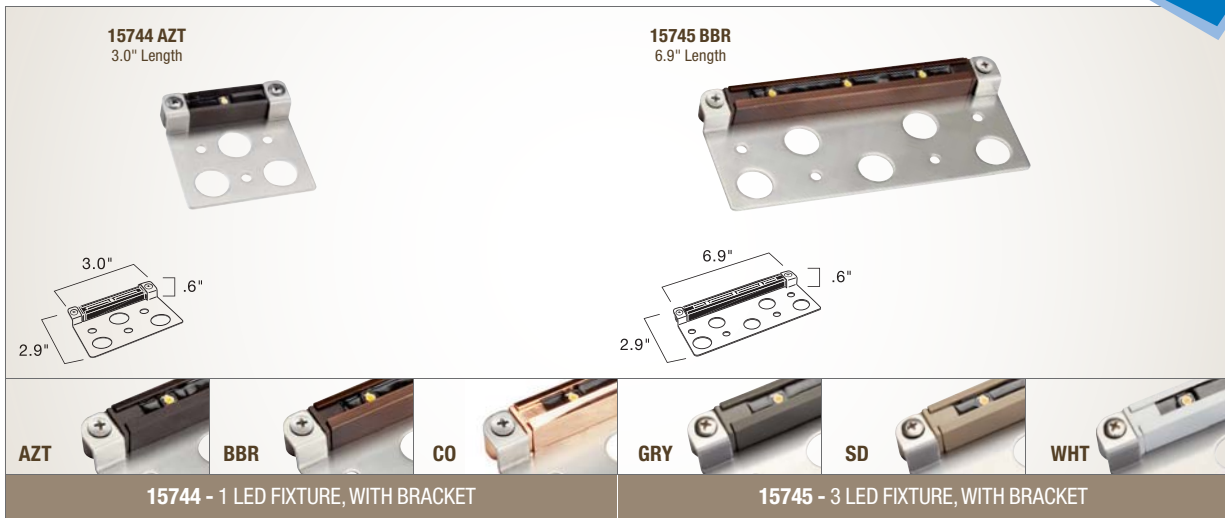
RETROFIT
Need to mount on a flat or vertical surface? No problem. The available flat mount accessory brackets (15716 SS, 15717 SS, 15718 SS, 15719 SS) allow for a variety of retrofit and new build applications.

DECK, STEP & BENCH INSTALLATION
Don't need the brackets? Don't pay for them. Kichler provides the product options that make it convenient for your specific job. For non-hardscape applications, the threaded screw holders also allow for easy install. In fact you can mount these LED fixtures on any surface where you can drill two holes.
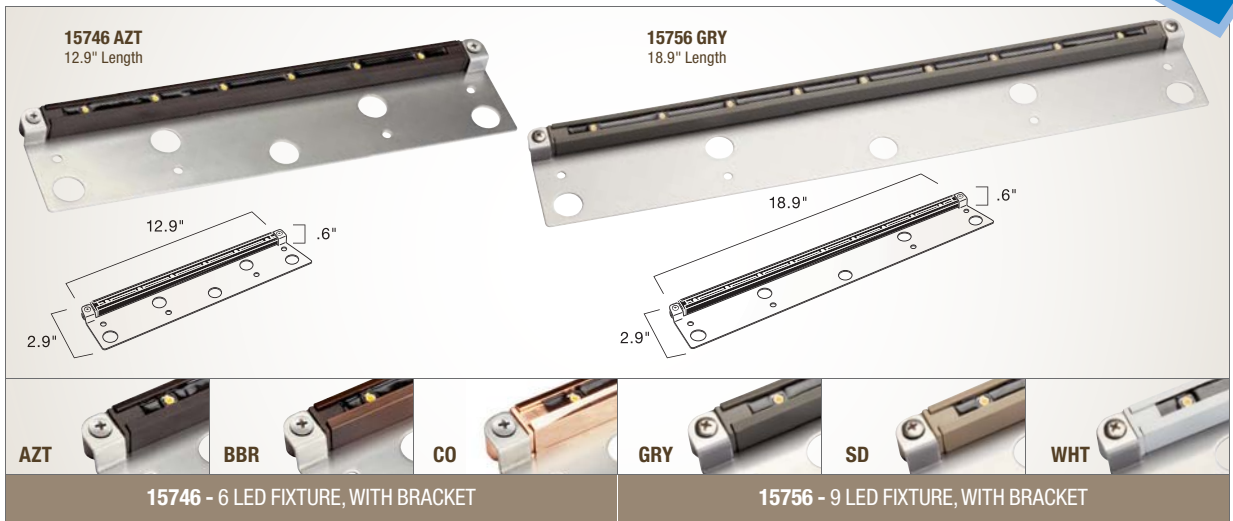
Hardscape Spacing Recommendations

Item ID	15734 (3")	15735 (6")	15736 (12")	15755 (18")
Mounting Height	RECOMMENDED SPACING (CENTER TO CENTER OF FIXTURE)			
12"	12"	2'	3'	4'
24"	9"	3'	4'	5'
36"	7"	4'	6'	8'

POWERED BY
DESIGN PRO LED
TECHNOLOGY

15744 AZT
3.0" Length

15745 BBR
6.9" Length

3.0"   .6"

2.9"

6.9"   .6"

2.9"

AZT	BBR	CO	GRY	SD	WHT

	15744 - 1 LED FIXTURE, WITH BRACKET			15745 - 3 LED FIXTURE, WITH BRACKET		
Ordering Guide	2700K Warm White	3000K Pure White	4200K Cool White	2700K Warm White	3000K Pure White	4200K Cool White
	15744 AZT27 15744 BBR27 15744 CO27 15744 GRY27 15744 SD27 15744 WHT27	15744 AZT30 15744 BBR30 15744 CO030 15744 GRY30 15744 SD30 15744 WHT30	15744 AZT42 15744 BBR42 15744 CO042 15744 GRY42 15744 SD42 15744 WHT42	15745 AZT27 15745 BBR27 15745 CO027 15745 GRY27 15745 SD27 15745 WHT27	15745 AZT30 15745 BBR30 15745 CO030 15745 GRY30 15745 SD30 15745 WHT30	15745 AZT42 15745 BBR42 15745 CO042 15745 GRY42 15745 SD42 15745 WHT42
Finish Guide	AZT - Textured Architectural Bronze (Marine grade powder coat) BBR - Bronzed Brass CO - Unfinished Copper GRY - Textured Gray (Marine grade powder coat) SD - Textured Sand (Marine grade powder coat) WHT - Textured White (Marine grade powder coat)			AZT - Textured Architectural Bronze (Marine grade powder coat) BBR - Bronzed Brass CO - Unfinished Copper GRY - Textured Gray (Marine grade powder coat) SD - Textured Sand (Marine grade powder coat) WHT - Textured White (Marine grade powder coat)		
Housing	Cast Aluminum, Cast Brass, Copper Plated Brass (Copper will naturally patina over time)			Cast Aluminum, Cast Brass, Copper Plated Brass (Copper will naturally patina over time)		
Light Source	1 Integrated High Output Nichia® LED, tightly binned for color uniformity, and constant current driver			3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		
Beam Spread	55°			55°		
Color Temp. (CCT) & CRI	2700K (-280/+0) 3000K (-200/+175) 4200K (-400/+400) / 80s CRI			2700K (-280/+0) 3000K (-200/+175) 4200K (-400/+400) / 80s CRI		
Power Usage at 12V AC Input VA and Watts	0.19 W, 0.28 VA Multiply fixture VA by the number of fixtures used to determine size of transformer			.75 W, 1.3 VA 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 output due to constant current technology			9V-15V AC/DC with no loss in output due to constant current technology		
Lumen Main.	Tested to an L-70 of 40,000 hours			Tested to an L-70 of 40,000 hours		
Total Lumens & Efficacy	2700K = 8.4 Lm 2700K = 44 Lm/W 3000K = 8.6 Lm 3000K = 45 Lm/W 4200K = 11.0 Lm 4200K = 58 Lm/W			2700K = 34.7 Lm 2700K = 46 Lm/W 3000K = 44.5 Lm 3000K = 59 Lm/W 4200K = 51.9 Lm 4200K = 69 Lm/W		
Wiring	70" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied			70" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied		
Mounting	Stainless steel masonry bracket and mounting screws			Stainless steel masonry bracket and mounting screws		
Optional Acces.	15716 SS - 1 LED Accessory Bracket			15717 SS - 3 LED Accessory Bracket		
Notes	Subjected to Highly Accelerated Life Testing - 3rd party reliability testing Not for use with electronic transformers			Subjected to Highly Accelerated Life Testing - 3rd party reliability testing Not for use with electronic transformers		

Fixture Photometric* (fc)

Mounting Height	0'	1'	2'	3'	4'
Foot candles at 12"	8.65	1.10	0.07	0.03	0.02
Foot candles at 24"	2.08	0.98	0.30	0.06	0.04
Foot candles at 36"	0.95	0.61	0.30	0.14	0.06

Mounting Height	0'	1'	2'	3'	4'
Foot candles at 12"	43.7	4.89	0.31	0.12	0.07
Foot candles at 24"	10.7	4.87	1.29	0.12	0.08
Foot candles at 36"	4.96	3.14	1.56	0.67	0.24

*Values stated for 3000K. +10% for 4200K. -10% for 2700K.

DESIGN PRO LED 12V HARDSCAPE, DECK, STEP AND BENCH

15746 AZT
12.9" Length

15756 GRY
18.9" Length

12.9" .6" 2.9"

18.9" .6" 2.9"

AZT	BBR	CO	GRY	SD	WHT

	15746 - 6 LED FIXTURE, WITH BRACKET			**15756 - 9 LED FIXTURE, WITH BRACKET**		
Ordering Guide	2700K Warm White	3000K Pure White	4200K Cool White	2700K Warm White	3000K Pure White	4200K Cool White
	15746 AZT27 15746 BBR27 15746 CO27 15746 GRY27 15746 SD27 15746 WHT27	15746 AZT30 15746 BBR30 15746 CO30 15746 GRY30 15746 SD30 15746 WHT30	15746 AZT42 15746 BBR42 15746 CO42 15746 GRY42 15746 SD42 15746 WHT42	15756 AZT27 15756 BBR27 15756 CO27 15756 GRY27 15756 SD27 15756 WHT27	15756 AZT30 15756 BBR30 15756 CO30 15756 GRY30 15756 SD30 15756 WHT30	15756 AZT42 15756 BBR42 15756 CO42 15756 GRY42 15756 SD42 15756 WHT42
Finish Guide	AZT - Textured Architectural Bronze (Marine grade powder coat) BBR - Bronzed Brass CO - Unfinished Copper GRY - Textured Gray (Marine grade powder coat) SD - Textured Sand (Marine grade powder coat) WHT - Textured White (Marine grade powder coat)			AZT - Textured Architectural Bronze (Marine grade powder coat) BBR - Bronzed Brass CO - Unfinished Copper GRY - Textured Gray (Marine grade powder coat) SD - Textured Sand (Marine grade powder coat) WHT - Textured White (Marine grade powder coat)		
Housing	Cast Aluminum, Cast Brass, Copper Plated Brass (Copper will naturally patina over time)			Cast Aluminum, Cast Brass, Copper Plated Brass (Copper will naturally patina over time)		
Light Source	6 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver			9 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver		
Beam Spread	55˚			55˚		
Color Temp. (CCT) & CRI	2700K (-280/+0) 3000K (-200/+175) 4200K (-400/+400) / 80s CRI			2700K (-280/+0) 3000K (-200/+175) 4200K (-400/+400) / 80s CRI		
Power Usage at 12V AC Input VA and Watts	1.4 W, 2.4 VA Multiply fixture VA by the number of fixtures used to determine size of transformer			2.2 W, 3.7 VA 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 output due to constant current technology			9V-15V AC/DC with no loss in output due to constant current technology		
Lumen Main.	Tested to an L-70 of 40,000 hours			Tested to an L-70 of 40,000 hours		
Total Lumens & Efficacy	2700K = 69.5 Lm 2700K = 49 Lm/W 3000K = 88 Lm 3000K = 63 Lm/W 4200K = 101.5 Lm 4200K = 73 Lm/W			2700K = 104.2 Lm 2700K = 47 Lm/W 3000K = 132 Lm 3000K = 60 Lm/W 4200K = 151.8 Lm 4200K = 69 Lm/W		
Wiring	70" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied			70" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied		
Mounting	Stainless steel masonry bracket and mounting screws			Stainless steel masonry bracket and mounting screws		
Optional Acces.	15718 SS - 6 LED Accessory Bracket			15719 SS - 9 LED Accessory Bracket		
Notes	Subjected to Highly Accelerated Life Testing - 3rd party reliability testing Not for use with electronic transformers			Subjected to Highly Accelerated Life Testing - 3rd party reliability testing Not for use with electronic transformers		

Fixture Photometric* (fc)

Mounting Height	0'	1'	2'	3'	4'
Foot candles at 12"	65.10	9.74	0.60	0.22	0.14
Foot candles at 24"	19.64	9.15	2.72	0.48	0.24
Foot candles at 36"	9.16	5.82	2.74	1.00	0.30

Mounting Height	0'	1'	2'	3'	4'
Foot candles at 12"	80.40	12.00	1.08	0.36	0.21
Foot candles at 24"	26.81	13.13	3.81	0.91	0.39
Foot candles at 36"	13.51	8.43	4.55	1.78	0.62

*Values stated for 3000K. +10% for 4200K. -10% for 2700K.

DESIGN PRO LED 12V HARDSCAPE, DECK, STEP AND BENCH

POWERED BY
DESIGN PRO LED TECHNOLOGY

15734 BBR
3.0" Length

15735 WH
6.9" Length

3.0" .6" .66"

6.9" .6" .66"

AZT	BBR	CO	GRY	SD	WHT
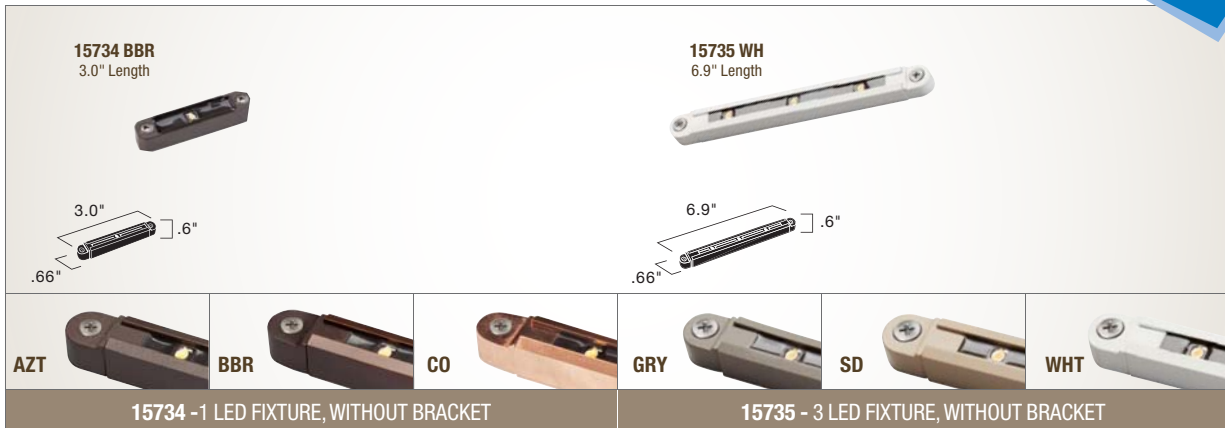
	15734 -1 LED FIXTURE, WITHOUT BRACKET	**15735 - 3 LED FIXTURE, WITHOUT BRACKET**
Ordering Guide & Finish	15734 AZT30 - Textured Architectural Bronze (Marine grade powder coat) 15734 BBR30 - Bronzed Brass 15734 CO30 - Unfinished Copper 15734 GRY30 - Textured Gray (Marine grade powder coat) 15734 SD30 - Textured Sand (Marine grade powder coat) 15734 WHT30 - Textured White (Marine grade powder coat)	15735 AZT30 - Textured Architectural Bronze (Marine grade powder coat) 15735 BBR30 - Bronzed Brass 15735 CO30 - Unfinished Copper 15735 GRY30 - Textured Gray (Marine grade powder coat) 15735 SD30 - Textured Sand (Marine grade powder coat) 15735 WHT30 - Textured White (Marine grade powder coat)
Housing	Cast Aluminum, Cast Brass, Copper Plated Brass (Copper will naturally patina over time)	Cast Aluminum, Cast Brass, Copper Plated Brass (Copper will naturally patina over time)
Light Source	1 Integrated High Output Nichia® LED, tightly binned for color uniformity, and constant current driver	3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver
Beam Spread	55˚	55˚
Color Temp. (CCT) & CRI	3000K (-200/+125) / 80s CRI	3000K (-200/+125) / 80s CRI
Power Usage at 12V AC Input VA and Watts	0.19 W, 0.28 VA Multiply fixture VA by the number of fixtures used to determine size of transformer	.75 W, 1.3 VA 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 output due to constant current technology	9V-15V AC/DC with no loss in output due to constant current technology
Lumen Main.	Tested to an L-70 of 40,000 hours	Tested to an L-70 of 40,000 hours
Total Lumens & Efficacy	3000K = 8.6 Lm 3000K = 45 Lm/W	3000K = 44.5 Lm 3000K= 59 Lm/W
Wiring	70" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied	70" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied
Mounting	Stainless steel mounting screws	Stainless steel masonry bracket and mounting screws
Optional Acces.	15716 SS - 1 LED Accessory Bracket	15717 SS - 3 LED Accessory Bracket
Notes	Subjected to Highly Accelerated Life Testing - 3rd party reliability testing Not for use with electronic transformers	Subjected to Highly Accelerated Life Testing - 3rd party reliability testing Not for use with electronic transformers

Fixture Photometric (fc)

Mounting Height	0'	1'	2'	3'	4'
Foot candles at 12"	8.65	1.10	0.07	0.03	0.02
Foot candles at 24"	2.08	0.98	0.30	0.06	0.04
Foot candles at 36"	0.95	0.61	0.30	0.14	0.06

Mounting Height	0'	1'	2'	3'	4'
Foot candles at 12"	43.7	4.89	0.31	0.12	0.07
Foot candles at 24"	10.7	4.87	1.29	0.12	0.08
Foot candles at 36"	4.96	3.14	1.56	0.67	0.24

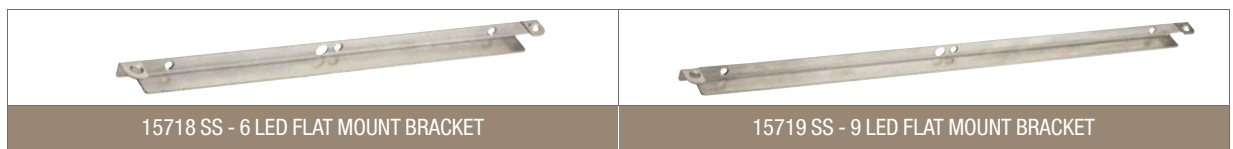|	**15716 SS - 1 LED FLAT MOUNT BRACKET**	**15717 SS - 3 LED FLAT MOUNT BRACKET**
Fits	Fits 15734, 15744 (1 LED)	Fits 15735,15745 (3 LED)
Dimensions	Width - .66", Length - 3.0", Height - .60"	Width - .66", Length - 6.9", Height - .60"
Finish	Stainless Steel	Stainless Steel
Notes	Mounting hardware included.	Mounting hardware included. U.S. Patent Pending.

POWERED BY
DESIGN PRO LED
TECHNOLOGY

15736 SD
12.9" Length

15755 AZT
18.9" Length

12.9"   .6"

18.9"   .6"

.66"

.66"

| AZT | BBR | CO | GRY | SD | WHT |
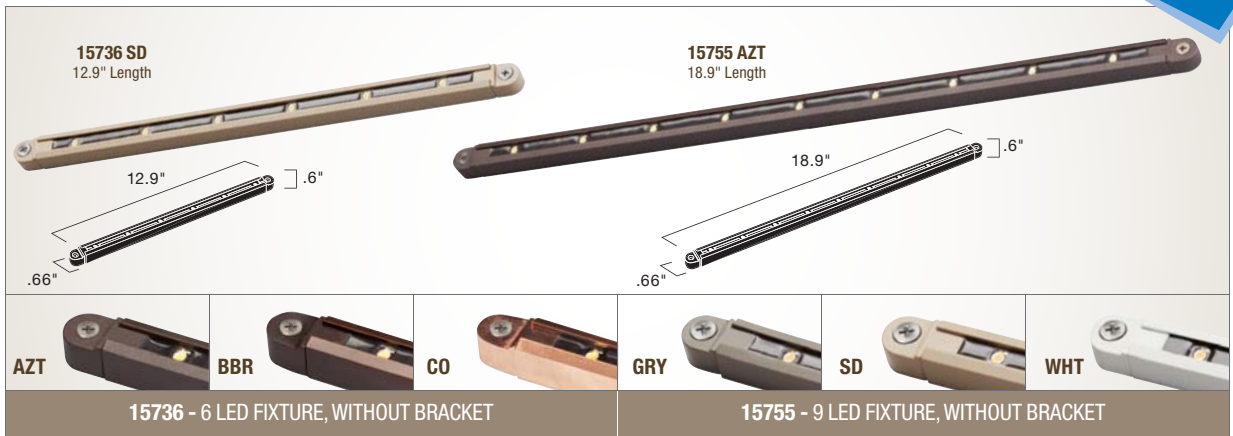
15736 - 6 LED FIXTURE, WITHOUT BRACKET	**15755 - 9 LED FIXTURE, WITHOUT BRACKET**
Ordering Guide & Finish 15736 AZT30 - Textured Architectural Bronze (Marine grade powder coat) 15736 BBR30 - Bronzed Brass 15736 CO30 - Unfinished Copper 15736 GRY30 - Textured Gray (Marine grade powder coat) 15736 SD30 - Textured Sand (Marine grade powder coat) 15736 WHT30 - Textured White (Marine grade powder coat)	15755 AZT30 - Textured Architectural Bronze (Marine grade powder coat) 15755 BBR30 - Bronzed Brass 15755 CO30 - Unfinished Copper 15755 GRY30 - Textured Gray (Marine grade powder coat) 15755 SD30 - Textured Sand (Marine grade powder coat) 15755 WHT30 - Textured White (Marine grade powder coat)

Housing	Aluminum, Brass, Copper Plated Brass (Copper will naturally patina over time)	Aluminum, Brass, Copper Plated Brass (Copper will naturally patina over time)
Light Source	6 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	9 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver
Beam Spread	55˚	55˚
Color Temp. (CCT) & CRI	3000K (-200/+125) / 80s CRI	3000K (-200/+125) / 80s CRI
Power Usage at 12V AC Input VA and Watts	1.4 W, 2.4 VA Multiply fixture VA by the number of fixtures used to determine size of transformer	2.2 W. 3.7 VA 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 output due to constant current technology	9V-15V AC/DC with no loss in output due to constant current technology
Lumen Main.	Tested to an L-70 of 40,000 hours	Tested to an L-70 of 40,000 hours
Total Lumens & Efficacy	3000K = 88 Lm 3000K= 61 Lm/W	3000K = 132 Lm 3000K= 62 Lm/W
Wiring	70" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied	70" of usable #18-2, SPT-1W leads. Pro series wire connectors supplied
Mounting	Stainless steel masonry bracket and mounting screws	Stainless steel masonry bracket and mounting screws
Optional Acces.	15718 SS - 6 LED Accessory Bracket	15719 SS - 9 LED Accessory Bracket
Notes	Subjected to Highly Accelerated Life Testing - 3rd party reliability testing Not for use with electronic transformers	Subjected to Highly Accelerated Life Testing - 3rd party reliability testing Not for use with electronic transformers

Fixture Photometric (fc)

Mounting Height	0'	1'	2'	3'	4'
Foot candles at 12"	65.10	9.74	0.60	0.22	0.14
Foot candles at 24"	19.64	9.15	2.72	0.48	0.24
Foot candles at 36"	9.16	5.82	2.74	1.00	0.30

Mounting Height	0'	1'	2'	3'	4'
Foot candles at 12"	80.40	12.00	1.08	0.36	0.21
Foot candles at 24"	26.81	13.13	3.81	0.91	0.39
Foot candles at 36"	13.51	8.43	4.55	1.78	0.62

15718 SS - 6 LED FLAT MOUNT BRACKET	**15719 SS - 9 LED FLAT MOUNT BRACKET**
Fits Fits 15736, 15746 (6 LED)	Fits 15755, 15756 (9 LED)
Dimensions Width - .66", Length - 12.9", Height - .60"	Width - .66", Length - 18.9", Height - .60"
Finish Stainless Steel	Stainless Steel
Notes Mounting hardware included. U.S. Patent Pending.	Mounting hardware included. U.S. Patent Pending.

ACCESSORIES & TRANSFORMERS

CONNECTION ACCESSORIES

12-Gauge Low Voltage Cable	**15501 BK** – 100' length **15502 BK** – 250' length **15505 BK** – 500' length **15506 BK** – 1000' length	
10-Gauge Low Voltage Cable	**15504 BK** – 250' length	
8-Gauge Low Voltage Cable	**15503 BK** – 250' length	
Gel Filled Wire Connector (optional)	**15579 BK** **15589 BK**	For connecting #8, 10, 12 & 18 gauge landscape wiring. Consult full line catalog or go to landscapelighting.com for approved combinations
Pro Series Wire Connector	**15529 BL**	Bulk pack of 100 connectors
QUIC DISC® Connector	**15509 BK**	For use with #12-2 or #10-2 low voltage cable only

LOW VOLTAGE TRANSFORMERS

Professional Series Transformers	**15PR75 SS** – 75 Wattage (VA) **15PR100 SS** – 100 Wattage (VA) **15PR200 SS** – 200 Wattage (VA) **15PR300 SS** – 300 Wattage (VA) **15PRD600 SS** – 600 Wattage (VA) **15PR600 SS** – 600 Wattage (VA) **15PR900 SS** – 900 Wattage (VA) **15PR1200 SS** – 1200 Wattage (VA)	Features a stainless steel case
Plus Series Transformers	**15PL75 AZT** – 75 Wattage (VA) **15PL100 AZT** – 100 Wattage (VA) **15PL200 AZT** – 200 Wattage (VA) **15PL300 AZT** – 300 Wattage (VA) **15PL600 AZT** – 600 Wattage (VA) **15PL900 AZT** – 900 Wattage (VA)	Features a powder coated case

LOW VOLTAGE TRANSFORMERS

Manual Series Transformers	**15M100 AZT** – 100 Wattage (VA) **15M200 AZT** – 200 Wattage (VA) **15M300 AZT** – 300 Wattage (VA) **15M600 AZT** – 600 Wattage (VA)	Features a powder coated case
Economy Transformers	**15E60 BK** – 60 Wattage (VA) **15E120 BK** – 120 Wattage (VA)	

TRANSFORMER ACCESSORIES

Mechanical Transformer Timer	**15557 BK**	Can be used with Professional and Plus Series Transformers
Digital Transformer Timer	**15556 WH**	Can be used with Professional and Plus Series Transformers
Remote Plug-In Transformer Photocell	**15534 BK** 10' cord	Can be used with Professional and Plus Series Transformers
Plug-In Transformer Photocell	**15565 BK**	Can be used with Professional and Plus Series Transformers
Synchronizer Device	**15511 BK**	Synchronize all transformers so they turn on and off at the same time

To locate a distributor and for complete warranty details, go to landscapelighting.com

KICHLER®