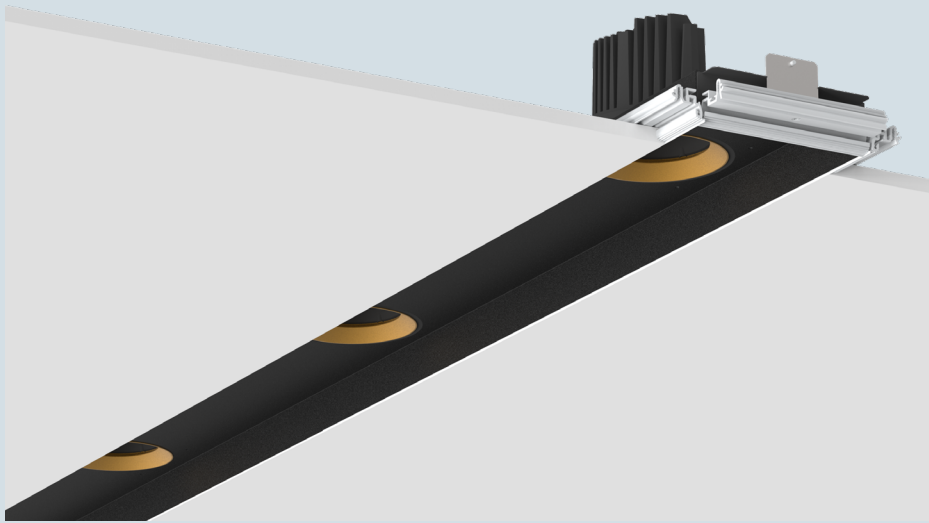


2LOOK4 160 TRIMLESS SYSTEM SPECIFICATION SHEET

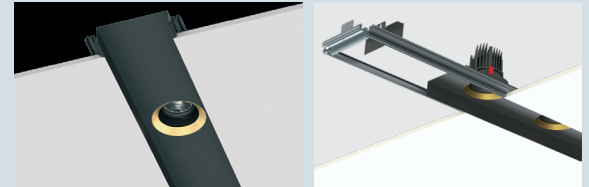
PROJECT	_____
TYPE	_____
NOTES	_____
QUANTITY	_____
DATE	_____



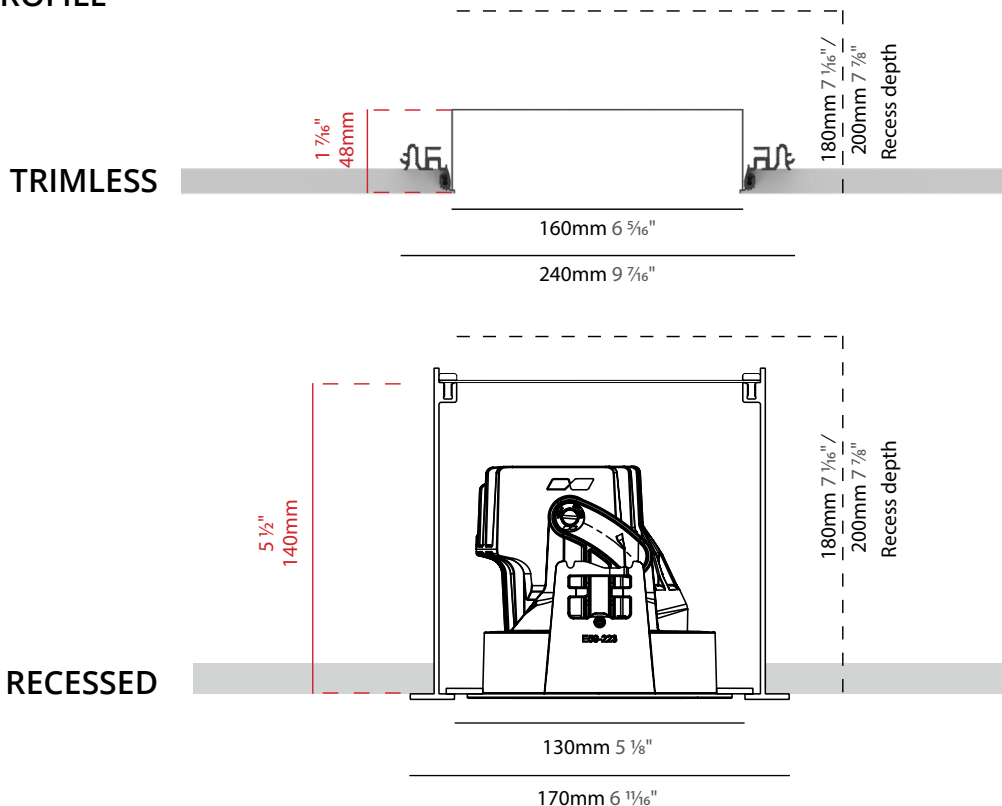
Lumen range up to 4000lm at CRI 90+ (97+ CRI options available upon request). 5.8" recessed slot designed for continuous runs in various configurations. Suitable for drywall, wood, and other architectural ceiling applications. Suitable for grid ceiling and 6" techzone applications. Machined aluminum double gimbals. Adjustable and lockable.

ARCHITECTURAL | 2LOOK4 160

The all-rounder of the 2LOOK4 family combines the advantages of the minimalist knife-edge profile system with additional integrable features. In addition to the seamlessly integrated and adjustable BIONIQ luminaries, it is also possible to integrate audio systems or air conditioning systems. The wide opening of 160 millimeters allows easy installation and maintenance - all connections are accessible at all times. With a simple twist, the light cone can be aligned precisely and smoothly. The EAS allows a rotation angle of 355° and tilt angle of up to 30°. Rims of the BIONIQ covers are also available in all 28 colors.



SYSTEM PROFILE



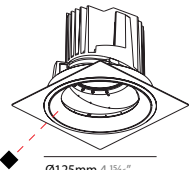
PROJECT	_____
TYPE	_____
NOTES	_____
QUANTITY	_____
DATE	_____

BIONIQ

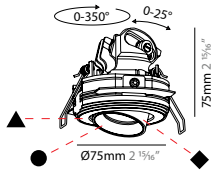
FINISHES OPTIONS:

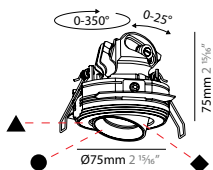
See page 7 for color options and use 2 digit numbers to indicate your choices

INSERTS

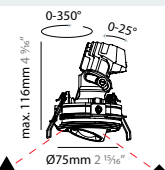
 BIONIQ Ø125 Wattage: 27.6W 134mm 5 1/8"	A38480-					qty		
	Dimming	CCT - 90 CRI	Finish	Reflector	Optics	Delivered Lumen (lm)		
	DN - Non Dim DP - Phase Dim DV - 0-10V	27K -2700K 30K - 3000K 35K - 3500K 40K - 4000K	◆ ____ (28 colors)	18 - 18° 36 - 36°	00 - No optic 01 - Linear Spread 02 - Spread 03 - Honeycomb	CCT	18°	36°
					2700K	2316	2208	
					3000K	2410	2298	
					3500K	2530	2412	
					4000K	2605	2484	

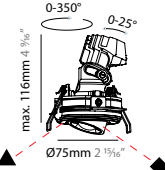
INVADER

 INVADER COMPACT ADJUSTABLE Wattage: 12W 0-350° 0-25° 75mm 2 1/8"	A35846-				qty			
	Dimming	CCT - 90 CRI	Finish	Reflector	Delivered Lumen (lm)			
	DN - Non Dim DP - Phase Dim DV - 0-10V	27K -2700K 30K - 3000K 35K - 3500K 40K - 4000K	◆ ____ ▲ ____ ● ____ (28 colors)	22 - 22° 38 - 38° 48 - 48°	CCT	22°	38°	48°
				2700K	821	759	746	
				3000K	860	794	781	
				3500K	892	823	810	
				4000K	911	842	828	

 INVADER COMP. ADJ. NATURAL DIM Wattage: 11W 0-350° 0-25° 75mm 2 1/8"	A35847-			qty			
	Finish	Reflector	Delivered Lumen (lm)				
	◆ ____ ▲ ____ ● ____ (28 colors)	24 - 24° 40 - 40° 54 - 54°	NATURAL DIM				
		24°	862				
		40°	840				
		54°	825				

OIKO PRO ROUND

 OIKO PRO ADJUSTABLE SUPERSPOT Wattage: 16.4W 0-350° 0-25° max. 116mm 4 1/2"	A35815-			qty		
	Dimming	CCT - 90 CRI	Finish	Delivered Lumen (lm)		
	DN - Non Dim DP - Phase Dim DV - 0-10V	27K -2700K 30K - 3000K 35K - 3500K 40K - 4000K	◆ ____ ▲ ____ (28 colors)	CCT	14°	
			2700K	1163		
			3000K	1150		
			3500K	1217		
			4000K	1220		

 OIKO PRO ADJUSTABLE 34° Wattage: 15.1W 0-350° 0-25° max. 116mm 4 1/2"	A35816-				qty		
	Dimming	CCT - 90 CRI	Finish	Optics	Delivered Lumen (lm)		
	DN - Non Dim DP - Phase Dim DV - 0-10V	27K -2700K 30K - 3000K 35K - 3500K 40K - 4000K	◆ ____ ▲ ____ (28 colors)	00 - No optic 01 - Linear Spread 02 - Spread 03 - Honeycomb	CCT	34°	
				2700K	1370		
				3000K	1377		
				3500K	1442		
				4000K	1455		

PROJECT	_____
TYPE	_____
NOTES	_____
QUANTITY	_____
DATE	_____

INSERTS

OIKO PRO ROUND

FINISHES OPTIONS:

See page 7 for color options and use 2 digit numbers to indicate your choices

OIKO PRO ADJUSTABLE 50°		A35817-		qty			
Wattage: 15.1W		Dimming	CCT - 90 CRI	Finish	Optics	Delivered Lumen (lm)	
	DN - Non Dim DP - Phase Dim DV - 0-10V	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	◆ ____ ▲ ____ (28 colors)	00 - No optic 01 - Linear Spread 02 - Spread 03 - Honeycomb	CCT 50° 2700K 1455 3000K 1462 3500K 1531 4000K 1545		
	OIKO PRO ADJUSTABLE 60°		A35818-		qty		
	Wattage: 15.1W		Dimming	CCT - 90 CRI	Finish	Optics	Delivered Lumen (lm)
		DN - Non Dim DP - Phase Dim DV - 0-10V	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	◆ ____ ▲ ____ (28 colors)	00 - No optic 01 - Linear Spread 02 - Spread 03 - Honeycomb	CCT 60° 2700K 1549 3000K 1556 3500K 1630 4000K 1645	
		OIKO PRO ADJUSTABLE TW 36°		A35884-		qty	
Wattage: 14.4W		Finish	Optics	Delivered Lumen (lm)			
		◆ ____ ▲ ____ (28 colors)	00 - No optic 01 - Linear Spread 02 - Spread 03 - Honeycomb	TUNABLE WHITE 2700K-6500K (MAX) 36° 1129			
		OIKO PRO ADJUSTABLE TW 52°		A35885-		qty	
	Wattage: 14.4W		Finish	Optics	Delivered Lumen (lm)		
		◆ ____ ▲ ____ (28 colors)	00 - No optic 01 - Linear Spread 02 - Spread 03 - Honeycomb	TUNABLE WHITE 2700K-6500K (MAX) 52° 1240			
		OIKO PRO ADJUSTABLE TW 62°		A35886-		qty	
Wattage: 14.4W		Finish	Optics	Delivered Lumen (lm)			
		◆ ____ ▲ ____ (28 colors)	00 - No optic 01 - Linear Spread 02 - Spread 03 - Honeycomb	TUNABLE WHITE 2700K-6500K (MAX) 62° 1381			

2LOOK4 160 TRIMLESS SYSTEM SPECIFICATION SHEET

PROJECT	_____
TYPE	_____
NOTES	_____
QUANTITY	_____
DATE	_____

INSERTS

CENTRIQ ROUND

FINISHES OPTIONS:

See page 7 for color options and use 2 digit numbers to indicate your choices

CENTRIQ ROUND ADJ. SUPERSPOT		A35974-			qty	
Wattage: 20.5W	Dimming	CCT - 90 CRI	Finish	Optics	Delivered Lumen (lm)	
	DN - Non Dim	27K - 2700K	◆ ____	00 - No optic	CCT	10°
	DP - Phase Dim	30K - 3000K	▲ ____	01 - Linear Spread	2700K	1432
	DV - 0-10V	35K - 3500K	(28 colors)	02 - Spread	3000K	1542
		40K - 4000K		03 - Honeycomb	3500K	1634
					4000K	1636

CENTRIQ ROUND ADJUSTABLE		A35975-			qty				
Wattage: 27.3W	Dimming	CCT - 90 CRI	Finish	Reflector	Optics	Delivered Lumen (lm)			
	DN - Non Dim	27K - 2700K	◆ ____	20 - 20°	00 - No optic	CCT	20°	32°	54°
	DP - Phase Dim	30K - 3000K	▲ ____	32 - 32°	01 - Linear Spread	2700K	2348	2434	2342
	DV - 0-10V	35K - 3500K	(28 colors)	54 - 54°	02 - Spread	3000K	2444	2534	2438
		40K - 4000K			03 - Honeycomb	3500K	2549	2643	2543
					4000K	2669	2768	2663	

CENTRIQ ROUND ADJUSTABLE		A35976-			qty				
Wattage: 34W	Dimming	CCT - 90 CRI	Finish	Reflector	Optics	Delivered Lumen (lm)			
	DN - Non Dim	27K - 2700K	◆ ____	24 - 24°	00 - No optic	CCT	24°	36°	54°
	DP - Phase Dim	30K - 3000K	▲ ____	36 - 36°	01 - Linear Spread	2700K	3148	3341	3239
	DV - 0-10V	35K - 3500K	(28 colors)	54 - 54°	02 - Spread	3000K	3355	3559	3451
		40K - 4000K			03 - Honeycomb	3500K	3406	3614	3504
					4000K	3524	3739	3625	

CENTRIQ ROUND ADJUSTABLE TW		A35977-			qty		
Wattage: 27.4W	Dimming	Finish	Reflector	Optics	Delivered Lumen (lm)		
	DN - Non Dim	◆ ____	24 - 24°	00 - No optic	TUNABLE WHITE 2700K-6500K (MAX)		
	DP - Phase Dim	▲ ____	34 - 34°	01 - Linear Spread	24°	2403	
	DV - 0-10V	(28 colors)	54 - 54°	02 - Spread	34°	2414	
				03 - Honeycomb	54°	2329	

2LOOK4 160 TRIMLESS SYSTEM SPECIFICATION SHEET

PROJECT	_____
TYPE	_____
NOTES	_____
QUANTITY	_____
DATE	_____

SYSTEM SUMMARY

System

Type

Trimless (Non-IC type)
Rated for Dry Locations Ceiling Mounted

Approval Status

CSA Certified to CSA and UL Standards

Emission

Refer to emission icon beside each light insert and symbol legend for descriptions

Profile

Measurement

w 240mm (9 5/16") x ht. 48mm (1 7/8")

Housing

Anodized extruded aluminum profile available per meter and field-cuttable
Profiles have a maximum length of 3000mm (9' 10 5/16") and joined together with couplers to ensure uniform appearance and easy installation

Cutout

w 185mm (7 3/16") x Profile Length + 22mm (7/8")

Drywall Ceiling Thickness

Mounting brackets must be specified considering the ceiling thickness of 12.5mm (1/2")

Recessed Depth

h 80mm (3 1/8")

Electrical

Connections

Luminaries are pre-wired by factory

Power Feed

Located in the center of the start module with a 22mm diameter hole
3 Wires - non-dimming or phase dimming
4 Wires - two circuits of non-dimming or phase dimming
5 Wires - 0-10V dimming or dali dimming

LED Driver

External to inserts
Electronic Class 2 driver, Universal 120V/277V
Non-Dimming Driver, Phase Dimming Driver, and 0-10V Dimming Driver (10-100%)
Consult factory for driver cutsheet
If a different driver is required, please specify

Emergency Inverter Compatible

To be installed remotely, and provided by others
It can be located up to 250m away from the fixture

Emergency circuit wiring is available upon request (Isolated track with dedicated driver used for emergency circuit will connect to emergency battery pack - supplied by others)

General

Features

With a simple twist, the light cone can be aligned precisely and smoothly. The EAS allows rotation angle of 355° and a tilt angle of up to 30°. Rims of the BIONIQ covers are available in the all 28 colors

The deeper recessed channel (45mm) improves glare control and is available in all 28 colors

The construction of this luminaire prevents unwanted light leakage and incorporates the One Lock System to simplify assembly and maintenance. It allows the vertical rotation and horizontal tilting position to change with a single screw

Custom Requests and Additional Options

Availability depends by insert, system, and configuration
Must consult factory and allow up to 5 business days for an answer

Special beam angles, Special LEDs, RGB-W, tunable, light inserts with different outputs

Special LEDs optimize luminaries to meet different applications

Gold+ invokes a heavy golden tone intended for bread and pastries

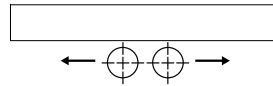
Meat+ displays saturated red light (white parts of product will appear slightly red)

Art+ highlights pieces of art without adversely affecting the perception of individual colors

Fashion+ has the entire color spectrum brilliantly orchestrated without distorting the color temperature

Configuration

Consult factory for placement of spots
Provide configuration drawings



*Shop drawings provided upon receiving purchase order

Warranty

ZANEEN provides a limited warranty from date of purchase to original purchaser

LED Inserts: 5 year tested for 50,000 hours at 70% lumen output (L70)

LED Driver: 5 year

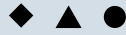
Non-Electrical Components: 1 year

*Check boxes to complete specification order and submit to quotes@zaneen.com to receive a formal BOM and a finalized model number

*In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

PROJECT _____
 TYPE _____
 NOTES _____
 QUANTITY _____
 DATE _____

FINISH COLORS



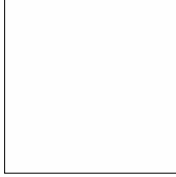
Sparkling Silver - 01



Black Velvet - 02



Crystal White - 03



Creamy - 04



Hampton Bay - 05



Urban Forest - 07



In the Army - 08



Rusty Angel - 09



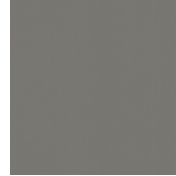
Fade to Grey - 12



Mysterious Grey - 13



Lost Dream - 15



Purple Sky - 16



Fresh Oh - 17



Funky P - 18



Kissing Aphrodite - 19



Poseidon's Paradise - 20



Blue Sky - 21



Spring Green - 22



Mellow Yellow - 23



Golden Heart - 24



Gun Metal - 25



Champagne Cream - 26



Copper Mine - 27



Ancient Bronze - 28



Jazz Gold - 29



Olive Breeze - 30



Moonlight Silver - 31



Rosewood Red - 32



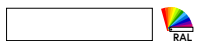
Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens.

Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.






































































Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles which ensures a highly individual effect and no luminaire being identical.

Champagne Cream, Copper Mine, Ancient Bronze + Jazz Gold: These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.











RAL Color Upon Request













LEGEND

	floor-mounted		pivotal		special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
	wall and ceiling: recessed and surface mounted		rotating		warm dim / natural dimming LED
	ceiling-mounted and wall-mounted		illuminate tilted		rechargeable battery powered
	wall-mounted		color of suspension cable		fixture with natural vivid LED (upon request)
	omni-directional light distribution		length of suspension cable		color rendering index
	direct light distribution		reflector degree selection		color temperature
	direct/indirect light distribution		super spot		lumen (luminous flux)
	indirect light distribution		lens		efficacy (lumens per watt)
	asymmetric light distribution		lens pack		Unified Glare Rating (UGR) range from 5-40
	aura light distribution		shine ring		marine grade (AISI 316 stainless steel)
	round wall or ceiling cut-out		integrated shine ring with diffuser		walk on
	square wall or ceiling cut-out		free individual colors 01-29		drive on
	the supplied jig specifies the cutout dimensions		individual colors: 00 (free of charge), 01-25 (extra charge)		Dark Sky Compliance
	minimum distance (meters) lamp - object		luminaire part to be colored (F1)		Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)		acoustic material
	dimnable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
	included or excluded LED driver/transformer/control gear		color of 3-circuit adaptor		protection class II, protection insulation
	separately switchable		indirect diffuser		ETL Certified to UL and CSA Standards
	sensor		direct diffuser		UL Certified to UL and CSA Standards
	remote control		ball-proof (upon request)		CSA Certified to UL and CSA Standards
	available upon request		accessory		Certified for North American Standards

IP RATING

	protected against ingress of solid bodies greater than 12.5mm (finger)
	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
	protected against ingress of dust protected against jets of water
	protected against ingress of dust protected against powerful jets of water or heavy seas
	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

WIRING DIAGRAMS

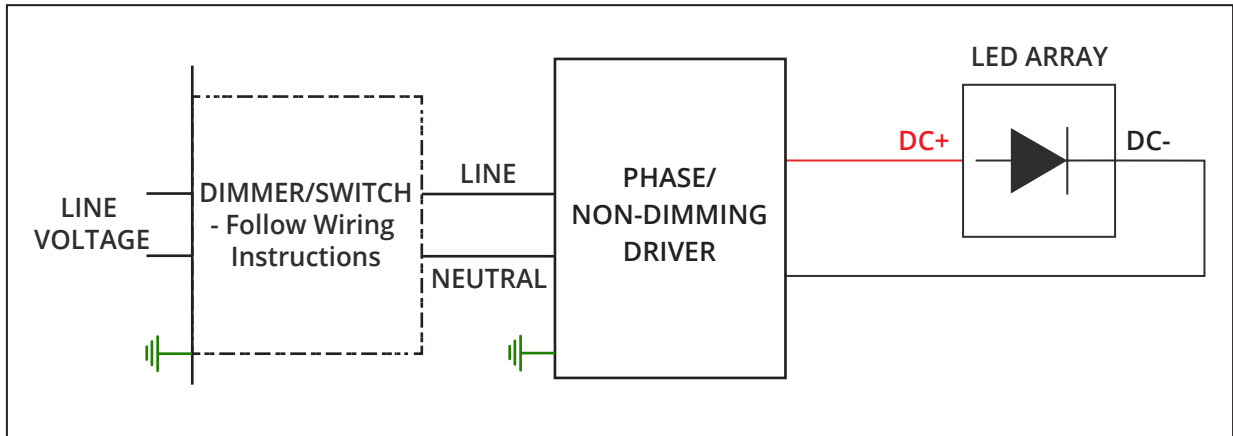
ALL ZANEEN FIXTURES ARE MANUFACTURED TO NORTH AMERICAN ELECTRICAL STANDARDS

Post Sales Support
 HQ 1-800-388-3382 X 625 support@zaneen.com

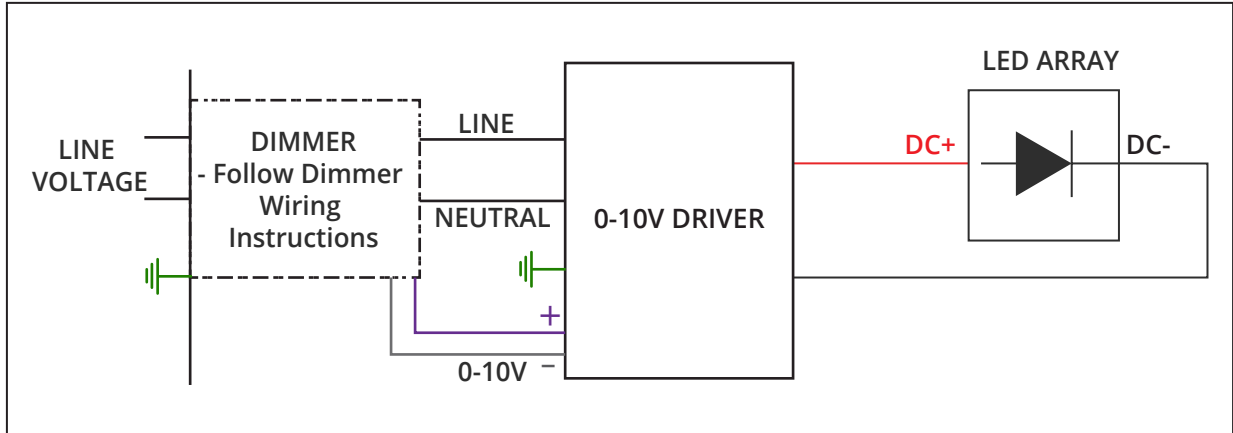
IMPORTANT

- Do NOT connect directly to line voltage
- There is a minimum and maximum load per driver (See fixture and driver specifications).
- Fixture MUST be connected to LED driver, prior to turning power on

PHASE/NON-DIMMING WIRING DIAGRAM



0-10V DIMMING WIRING DIAGRAM



2LOOK4 160 TRIMLESS SYSTEM SPECIFICATION SHEET

PROJECT _____
TYPE _____
NOTES _____
QUANTITY _____
DATE _____

Insert custom drawing here or attach with additional pages

