ZANEEN®
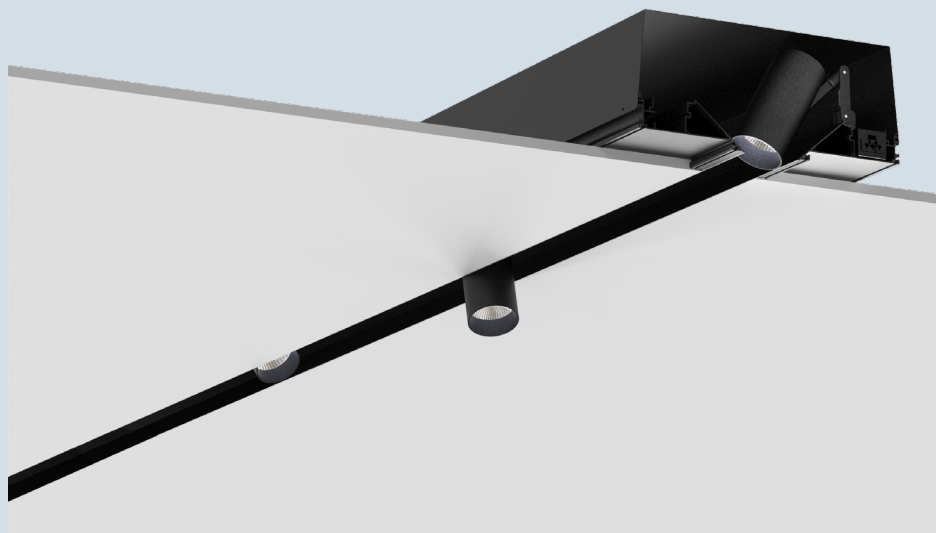
2LOOK4 80 TRIMLESS SYSTEM
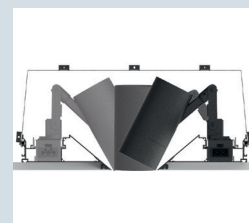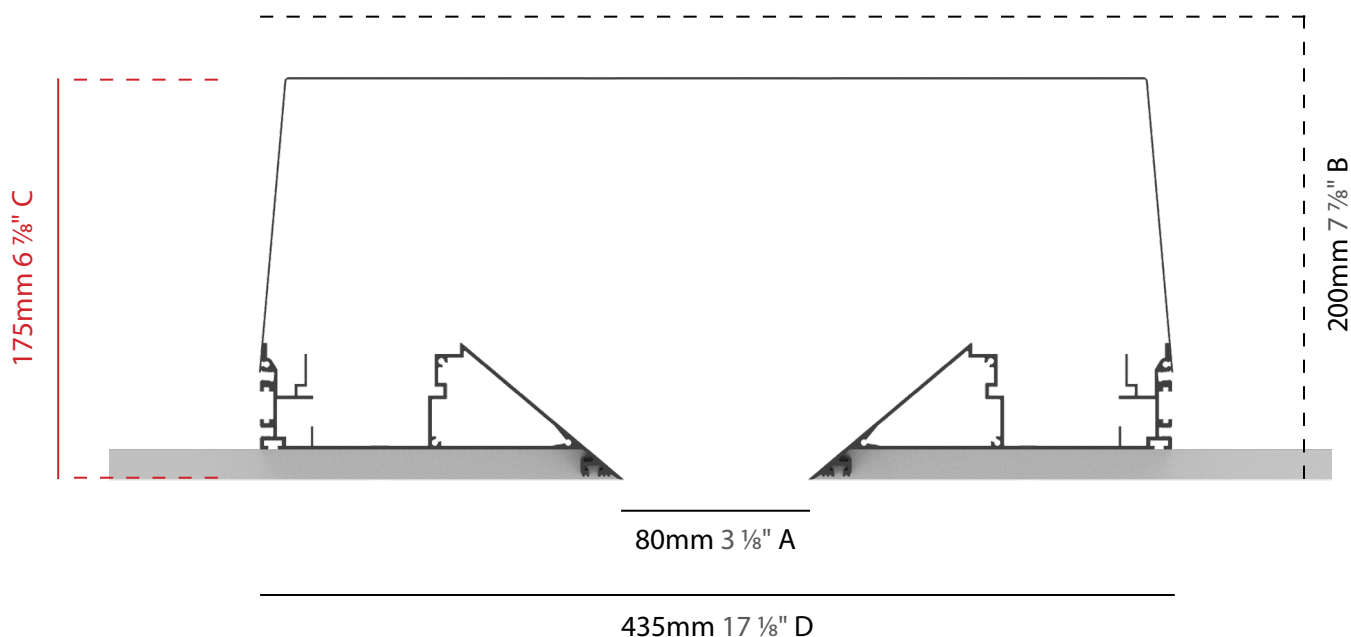### SPECIFICATION SHEET

ARCHITECTURAL | 2LOOK4 80

2LOOK4 is a cutting-edge series of trimless systems designed for seamless architectural flow and consistent solutions for complex projects. The MULTI AXIS POSITIONING system, tool-less mounting and, if desired, indirect back-lighting characterize the 2LOOK4 80 channel. The profile is equipped with internal mounting rails on both sides, which allow tool-free installation of the inserts. With IMAGINE spots available in 27 colors, this border-less profile system offers many design options for accentuated lighting in the room.

Thanks to an adjustable articulated arm with MAP (multi-axis positioning), the rotation height and side angle can be adjusted tool free. The install is a simple twist lock making it easy to reposition the spots individually in the channel. You have the flexibility of modifying the spots to include any optic from the Oiko Pro Family. This offer higher UGR values and sharper beam optics.

SYSTEM PROFILE

175mm 6 ⅞" C

200mm 7 ⅞" B

80mm 3 ⅛" A

435mm 17 ⅛" D

A: Opening width | B: Recess depth
C: Opening depth | D: Mounting width

A

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2LOOK4 80 TRIMLESS SYSTEM
SPECIFICATION SHEET

SYSTEM GUIDE

To make your product selection and complete system specification, proceed with the following: review system options, create your system code in the field below and include your quantity. For the inserts, use the field beside each product name.
Submit to quotes@zaneen.com to receive a formal BOM and finalized model numbers.

CRI 90 | IP20 | cZus | 5 WARRANTY

UPON REQUEST
Additional Options _____

	Color Temperature
	Beam Angle
	LEDs
	Lumen Outputs
	Channel Back-light
	CRI

EXAMPLE A32L480-TRI-SYS-UNV-DN-2C-18"-S-BLK-01
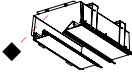
SYSTEM BUILD CODE: A32L480-TRI-SYS-   **qty**

ELECTRICAL

Voltage	Dimming	Circuit
UNV - 120/277V	**DN** - Non Dim	**2C** - 2 Circuit Operation
120 - 120V	**DP** - Phase Dim (Triac/ELV)	**3C** - 3 Circuit Operation
347 - 347V	**DV** - 0-10V (100-1%)	**EMCIR** - Emergency Circuit
	DD - DALI (100-1%)	

LAYOUT
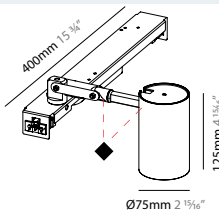
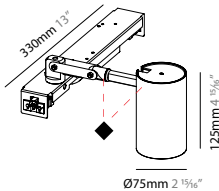| Fixture Head Spacing	Run Shapes	Profile Finish
18" - on center	**S_____'** Straight	_____ Channel (BLK/WHI) Black White
24" - on center	**L_____'x_____'**	
36" - on center	**U_____'x_____'x_____'**	◆ ___ (27 colors) ◆
CUS (XX) - Custom	**R_____'x_____'** Rectangle	See page 5 for color options and use 2 digit numbers to indicate your choices
Spotlights - Minimum distance of 13" **Wallwasher** - see recommended distances at page 3		

INSERTS

IMAGINE

INSERT BUILD CODE EXAMPLE:
A3T199-DN-27K-01-16-00

FINISHES OPTIONS:
See page 5 for color options and use 2 digit numbers to indicate your choices

IMAGINE Ø75   **A3T199-**   qty

Wattage: 27.6W

400mm 15 ¾" | 125mm 4 ¹⁵⁄₁₆" | Ø75mm 2 ¹⁵⁄₁₆"

Dimming	CCT - 90 CRI	Finish	Reflector	Optics	Delivered Lumen (lm)		
DN - Non Dim	**27K** -2700K	◆ ___ (27 colors)	**16** - 16°	**00** - No optic	**CCT**	**16°**	**32°**
DP - Phase Dim	**30K** - 3000K		**32** - 32°	**01** - Linear Spread	2700K	1967	1929
DV - 0-10V	**35K** - 3500K			**02** - Spread	3000K	2047	2007
	40K - 4000K			**03** - Honeycomb	3500K	2149	2107
					4000K	2212	2170

IMAGINE SUPERSPOT Ø75   **A3T200-**   qty

Wattage: 13.7W

330mm 13" | 125mm 4 ¹⁵⁄₁₆" | Ø75mm 2 ¹⁵⁄₁₆"

Dimming	CCT - 90 CRI	Finish	Optics	Delivered Lumen (lm)	
DN - Non Dim	**27K** -2700K	◆ ___ (27 colors)	**00** - No optic	**CCT**	**12°**
DP - Phase Dim	**30K** - 3000K		**01** - Linear Spread	2700K	1124
DV - 0-10V	**35K** - 3500K		**02** - Spread	3000K	1210
	40K - 4000K		**03** - Honeycomb	3500K	1281
				4000K	1284

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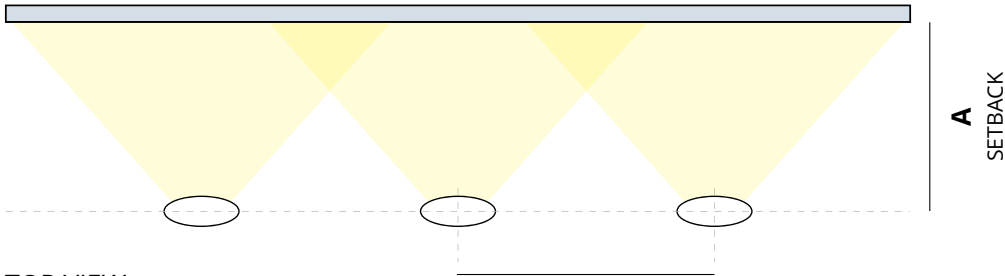## 2LOOK4 80 TRIMLESS SYSTEM
SPECIFICATION SHEET

OIKO PRO IN

FINISHES OPTIONS:
See page 5 for color options and use 2 digit numbers to indicate your choices

INSERTS

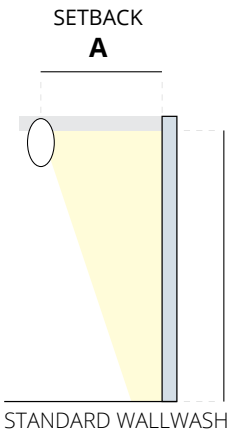| OIKO PRO IN WALLWASH	A3T207-				qty	
Wattage: 19.3W	Dimming	CCT - 90 CRI		Finish	Delivered Lumen (lm)	
326mm 12 ¹³⁄₁₆"	**DN** - Non Dim	**27K** -2700K		◆ ___	2700K	1624
Ø65mm 2 ⁹⁄₁₆" 80mm 3 ⅛"	**DP** - Phase Dim	**30K** - 3000K		(27 colors)	3000K	1632
	DV - 0-10V	**35K** - 3500K			3500K	1708
		40K - 4000K			4000K	1724

OIKO PRO IN WALLWASH TW		qty	
Wattage: 14.4W	Finish	Delivered Lumen (lm)	
		TUNABLE WHITE	
Same as drawing above	◆ ___	2700K - 6500K (MAX)	
	(27 colors)	1162	

RECOMMENDED WALLWASH DISTANCES

Simplified diagrams - it does not reflect the specific photometry of the inserts.
Setback and on center spacing depends on the color and texture of your walls.
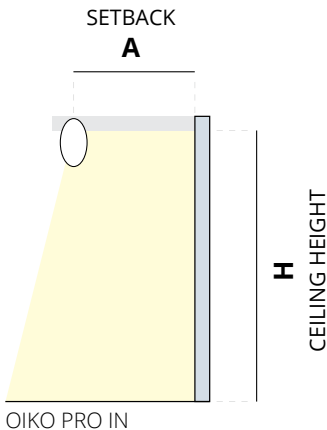The calculations below were completed with a white wall.

TOP VIEW

A SETBACK

B ON CENTER

SIDE VIEW

SETBACK A — CEILING HEIGHT H — STANDARD WALLWASH

SETBACK A — CEILING HEIGHT H — OIKO PRO IN

OIKO PRO IN WALLWASH		
H	**A**	**B**
7' 6.5"	18" - 30"	27.5" - 45"
8' 2.5"	19.5" - 33.5"	29.5" - 49"
8' 10"	21.5" - 35.5"	31.5" - 53"
9' 10"	23.5" - 39"	35.5" - 59"

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2LOOK4 80 TRIMLESS SYSTEM
SPECIFICATION SHEET

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 435mm (17 ⅛") x ht. 175mm (6 ⅞")

Housing
Anodized extruded aluminum profile available per meter and field-cuttable
Profiles have a maximum length of 3000mm (9' 10 ¹⁵⁄₁₆") and joined together with couplers to ensure uniform appearance and easy installation

Cutout
w 125mm (4 ¹⁵⁄₁₆") x Profile Length + 45mm (1 ¾")
Drywall Ceiling Thickness
Mounting brackets must be specified considering the ceiling thickness of 12.5mm (½")
Recessed Depth
h 200mm (7 ⅞")

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
Integrated with 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
LED strips are available in various light colors and outputs for separately switchable and dimmable back lighting of the channel

The visible opening of 80mm is equipped with internal mounting rails on both sides, which allow tool-free installation of the inserts

Thanks to the adjustable articulated arm with MAP (multi-axis positioning), the rotation, height and side angle can be adjusted

The interchangeable lens pack enable you to optimize the visual comfort in each lighting situation, without the need to change the lighting system. Using the linear spread lens, the light cone can be stretched into a long oval, perfect for passages and corridors without projecting arcs onto the walls. A diffuser or spread lens made of structured, toughened glass softens the accentuating light of a spotlight and thus reduces the sharp delineation of the arc. A honeycomb grid can be used to reduce glare and can be combined with both the spread and linear spread lens

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, individual sizes, Special LEDs, 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 patterns or custom designs
Provide configuration drawings
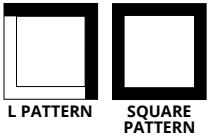
L PATTERN   **SQUARE PATTERN**
*Shop drawings provided upon receiving purchase order

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

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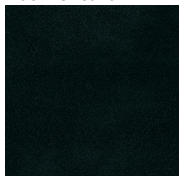## 2LOOK4 80 TRIMLESS SYSTEM
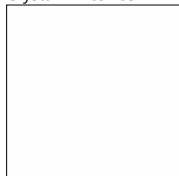### SPECIFICATION SHEET

FINISH COLORS ◆

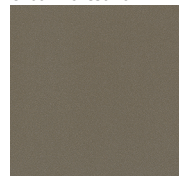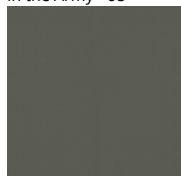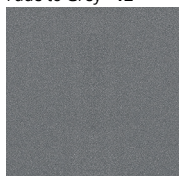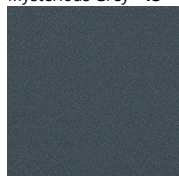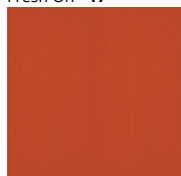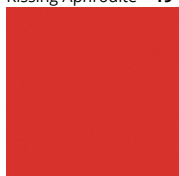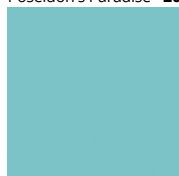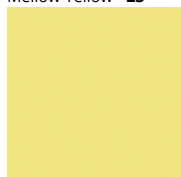| Sparkling Silver - 01 | Black Velvet - 02 | Crystal White - 03 | Creamy - 04 | Hampton Bay - 05 | Urban Forest - 07 |
In the Army - 08	Rusty Angel - 09	Fade to Grey - 12	Mysterious Grey - 13	Lost Dream - 15	Purple Sky - 16
Fresh Oh - 17	Funky P - 18	Kissing Aphrodite - 19	Poseidon's Paradise - 20	Blue Sky - 21	Spring Green - 22
Mellow Yellow - 23	Golden Heart - 24	Champagne Cream - 26	Copper Mine - 27	Ancient Bronze - 28	Jazz Gold - 29
Olive Breeze - 30	Moonlight Silver - 31	Rosewood Red - 32			
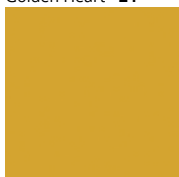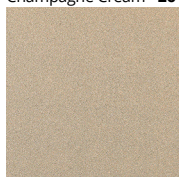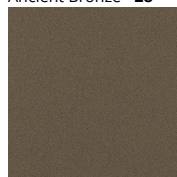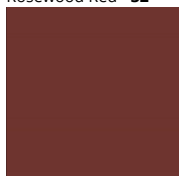
Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens.
Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.
Champagne Cream, Copper Mine, Ancient Bronze + Jazz Gold: These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.

RAL Color Upon Request

RAL

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2LOOK4 80 TRIMLESS SYSTEM
SPECIFICATION SHEET

LEGEND

Symbol	Description	Symbol	Description	Symbol	Description
↓	floor-mounted	▽	pivotable	✳	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	CRI	color rendering index
◣	direct light distribution	◠	reflector degree selection	°K	color temperature
◪	direct/indirect light distribution	s|s	super spot	LM	lumen (luminous flux)
◩	indirect light distribution	⚊	lens	LM/W	efficacy (lumens per watt)
◫	asymmetric light distribution	⊗	lens pack	UGR	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	🖍c	individual colors: 00 (free of charge), 01-25 (extra charge)	◓	Dark Sky Compliance
⊶M	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
⊜	dimmable 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	D	direct diffuser	ⓤⓁus	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

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

IK01	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
IK03	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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2LOOK4 80 TRIMLESS SYSTEM
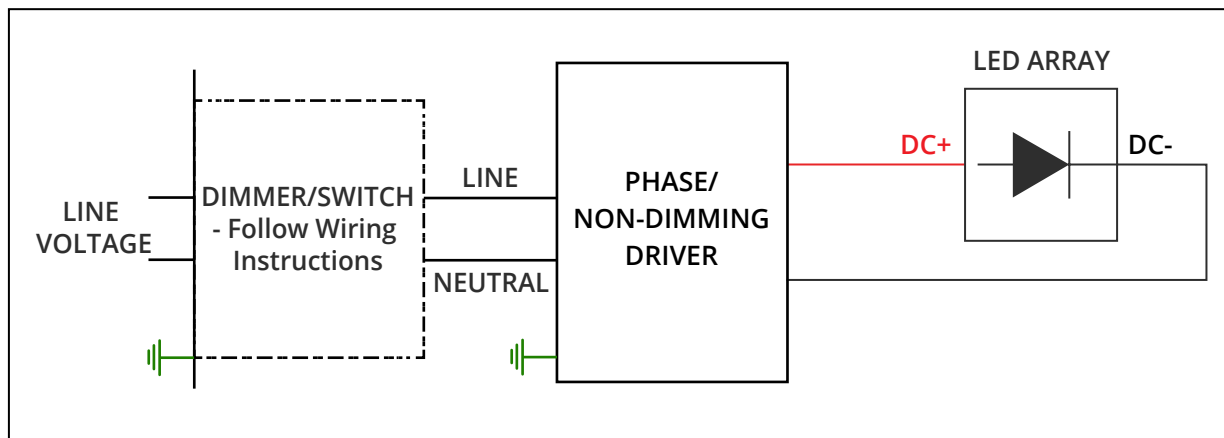**SPECIFICATION SHEET**

WIRING DIAGRAMS

ALL ZANEEN FIXTURES ARE MANUFACTURED TO NORTH AMERICAN ELECTRICAL STANDARDS

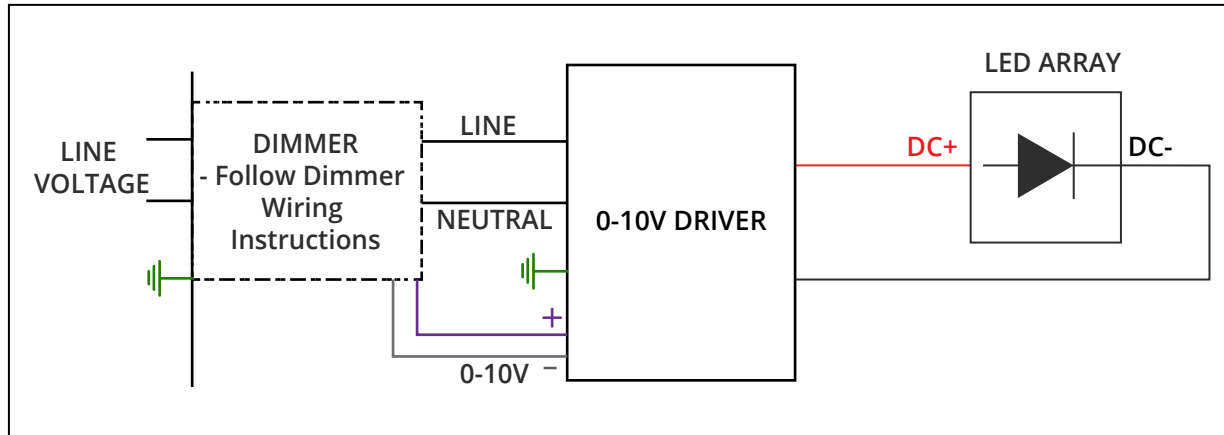Post Sales Support
HQ 1-800-388-3382 X 625 support@zaneen.com

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

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SPECIFICATION SHEET

Insert custom drawing here or attach with additional pages

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