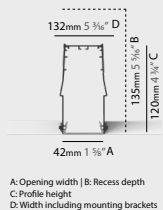
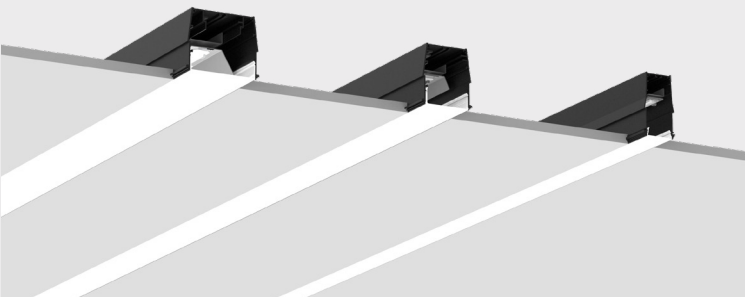


## IDAHO 40 TRIMLESS SYSTEM

### SPECIFICATION SHEET

ARCHITECTURAL

Almost endless lines of light. The highly flexible profile systems of the IDAHO family offer a great deal of design freedom for a variety of lighting scenarios and combine light with architecture in a characteristic way. The profiles create seamless lines of light that can also run over corners. Available in three widths, the trimless LED profile system is extremely easy to install.



The multiple feed-ins at different points allow for lines of unlimited length. The optimized arrangement of the LED boards provides seamless connections without any dark spots

PROLICHT

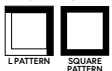
#### UPON REQUEST

##### Additional Options

- Color Temperature
- Special CRI
- RGB-W / Tunable
- Different Output
- Individual Sizes
- Special Diffusers



Drawing is Required



## BUILDING GUIDE

Check boxes to complete specification order and submit to [quotes@zaneen.com](mailto:quotes@zaneen.com) to receive a formal BOM and finalized model number  
For specification purposes, build a unique model number with bold text [30K - DIR - OP - ...]

Quick Ship (QS) - Not Available

Build Code **L3ID40-TRI-SYS-**

PROFILE - SYSTEM	Product	Color Temperature	Distribution	Diffuser	Length
	<b>L3ID40-TRI-SYS</b> Trimless	<b>30K</b> 3000K	<b>DIR</b> Direct	<b>OP</b> Opal	<b>Alum Profile System</b>
		<b>35K</b> 3500K			length
		<b>40K</b> 4000K			Specify in mm
					length
PROFILE - SYSTEM					Specify in X'-X"
					qty
					<b>PAT</b>
					Pattern/Design Ambition (Consult Factory with Drawings) qty

PROFILE - SYSTEM	Electrical	Input Voltage	Emergency	Ceiling Thickness
	<b>DN</b> Non-Dimming	<b>UNV</b> Universal 120V / 277V	<b>EMCIR</b> Emergency Circuit	<b>10</b> 10mm
	<b>DP</b> Phase Dimming			<b>12</b> 12.5mm
	<b>DV</b> 0-10 Dimming			<b>15</b> 15mm
	<b>DD</b> Dali Dimming (Upon Request)			

## IDAHO 40 TRIMLESS SYSTEM

### SPECIFICATION SHEET





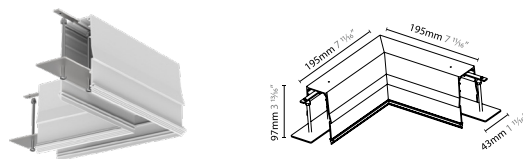
PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

NOTES \_\_\_\_\_

QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_

Build Code <b>L3674400-</b>		Dimension		qty
ALUMINUM PROFILE		mm		
		W: 53 H: 97	per meter max 3000mm field-cutttable	
Build Code <b>L3964400</b>		Dimension		qty
END CAP		mm		
		1 x 53 H: 97		
Build Code <b>L3966000</b>		Dimension		qty
LINEAR COUPLER		mm		
		100 x 42 H: 20		
Build Code <b>L39645-</b>		Dimension		qty
MOUNTING FRAME BRACKET		mm		Ceiling Thickness
		68 x 132 H: 107	max distance 1000mm	10 10mm 12 12.5mm 15 15mm
Build Code <b>L3954500</b>		Dimension		qty
CORNER COUPLER 90°		mm		
		195 x 195 H: 97		

IDAHO 40 TRIMLESS SYSTEM  
SPECIFICATION SHEET

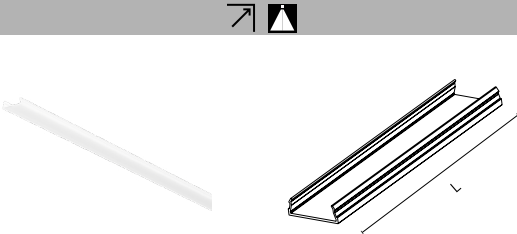
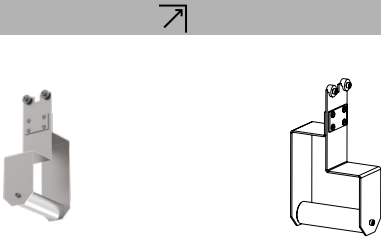
PROJECT

TYPE

NOTES

QUANTITY

DATE

FLAT DIFFUSER	Build Code <b>L3964300-</b>				qty	
			mm Dimension			
			W: 42 H: 14	per meter max 3000mm field-cuttable		
FRAME ALIGNMENT KIT	Build Code <b>L3964600</b>				qty	
			mm Dimension			
			55 x 104 H: 197			

## IDAHO 40 TRIMLESS SYSTEM

### SPECIFICATION SHEET

PROJECT \_\_\_\_\_




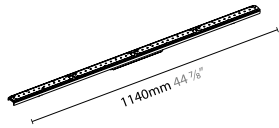
TYPE \_\_\_\_\_

NOTES \_\_\_\_\_




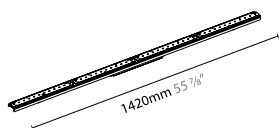
QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_




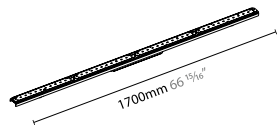
IDAINE 40

Build Code <b>L38125-</b>								qty
 		Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser	
 		<b>20</b> 20.2W	<b>971</b> 971lm <b>1005</b> 1005lm <b>1026</b> 1026lm	<b>80</b>	<b>DN</b> Non-Dim <b>DP</b> Phase <b>DV</b> 0-10V	<b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K	<b>OP</b> Opal	




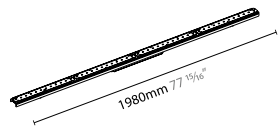
IDAINE 40

Build Code <b>L38129-</b>								qty
 		Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser	
 		<b>25</b> 25.3W	<b>1214</b> 1214lm <b>1256</b> 1256lm <b>1282</b> 1282lm	<b>80</b>	<b>DN</b> Non-Dim <b>DP</b> Phase <b>DV</b> 0-10V	<b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K	<b>OP</b> Opal	

IDAINE 40

Build Code <b>L38133-</b>								qty
 		Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser	
 		<b>30</b> 30.4W	<b>1456</b> 1456lm <b>1508</b> 1508lm <b>1539</b> 1539lm	<b>80</b>	<b>DN</b> Non-Dim <b>DP</b> Phase <b>DV</b> 0-10V	<b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K	<b>OP</b> Opal	

IDAINE 40

Build Code <b>L38096-</b>								qty
 		Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser	
 		<b>35</b> 35.4W	<b>1699</b> 1699lm <b>1759</b> 1759lm <b>1795</b> 1795lm	<b>80</b>	<b>DN</b> Non-Dim <b>DP</b> Phase <b>DV</b> 0-10V	<b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K	<b>OP</b> Opal	

IDAHO 40 TRIMLESS SYSTEM  
SPECIFICATION SHEET



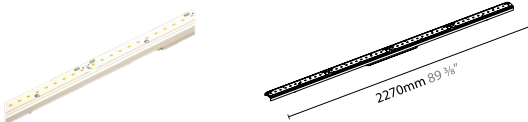
PROJECT

TYPE

NOTES

QUANTITY

DATE

IDALINE 40	Build Code <b>L38165-</b>				qty						
					Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser	
					<b>40</b> 40.5W	<b>1942</b> 1942lm <b>2010</b> 2010lm <b>2051</b> 2051lm	<b>80</b>	<b>DN</b> Non-Dim <b>DP</b> Phase <b>DV</b> 0-10V	<b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K	<b>OP</b> Opal	

## IDAHO 40 TRIMLESS SYSTEM

### SPECIFICATION SHEET

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## 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
	dimmmable 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 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)

## IDAHO 40 TRIMLESS SYSTEM

### SPECIFICATION SHEET

PROJECT	
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## SYSTEM SUMMARY

### System

#### Type

Recessed (Non-IC type)  
Rated for Dry Locations Ceiling and Wall Mounted

#### Approval Status

CSA Certified to CSA and UL Standards

#### Emission

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

#### Efficiency

Acrylic Opal Diffuser (snap-in) lens 43%

### Profile

#### Measurement

w 42mm (1 5/8") x ht. 120mm (4 3/4")

#### Housing

Anodized extruded aluminum profile available per meter and field-cuttable  
Profiles have a maximum length of 3000mm (9' 10 3/4") and joined together with couplers to ensure uniform appearance and easy installation

#### Cutout

w 55mm (2 3/8") ± 1mm x Profile Length + 8mm ( 5/16")

#### Drywall Ceiling Thickness

Mounting brackets must be specified considering the ceiling thickness of 10mm ( 3/8"), 12.5mm ( 1/2"), 15mm ( 5/16")

#### Recessed Depth

h 135mm (5 3/8")

### Electrical

#### Connections

Luminaries are pre-wired with a factory installed branch circuit wiring and quick-release connectors  
Through wiring is used to connect the luminaries

#### Power Feed

Located in the center of the end cap - 22mm diameter hole  
If a different location is required, please specify  
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

The multiple feed-ins at different points allow for lines of unlimited length. The optimized arrangement of the LED boards provides seamless connections without any dark spots

In combination with a white base plate, the white internal reflector creates a perfect mixing chamber. This creates a homogeneous light pattern without individually visible LED dots

All LED-Boards are protected from electrostatic discharge (ESD) and direct contact with the LED by a highly transparent acrylic glass

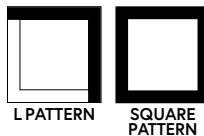
#### Custom Requests and Additional Options

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

Color temperature, Special CRI, RGB-W, tunable, individual sizes, special diffuser, light inserts with different outputs, light inserts on different circuits

#### Configuration

Consult factory for patterns or custom designs  
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](mailto: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](http://zaneen.com)

## IDAHO 40 TRIMLESS SYSTEM

### SPECIFICATION SHEET

PROJECT	
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## SYSTEM SUMMARY

### Inserts

\*Delivered lumens is the maximum possible; using most efficient diffuser

### Linears

#### Idaline 40

Wattage: 20.2W - 40.5W

Lumen: 971lm - 2051lm

Color Temperature: 30K, 35K, 40K

Length: 1140mm (44 7/8") - 2270mm (89 3/8")



# WIRING DIAGRAMS

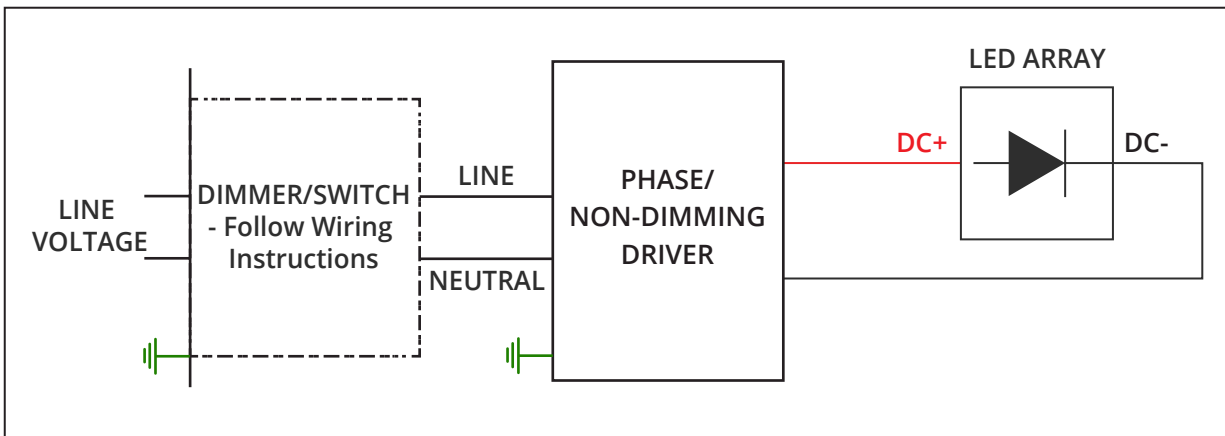
ALL ZANEEN FIXTURES ARE MANUFACTURED TO NORTH AMERICAN ELECTRICAL STANDARDS

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

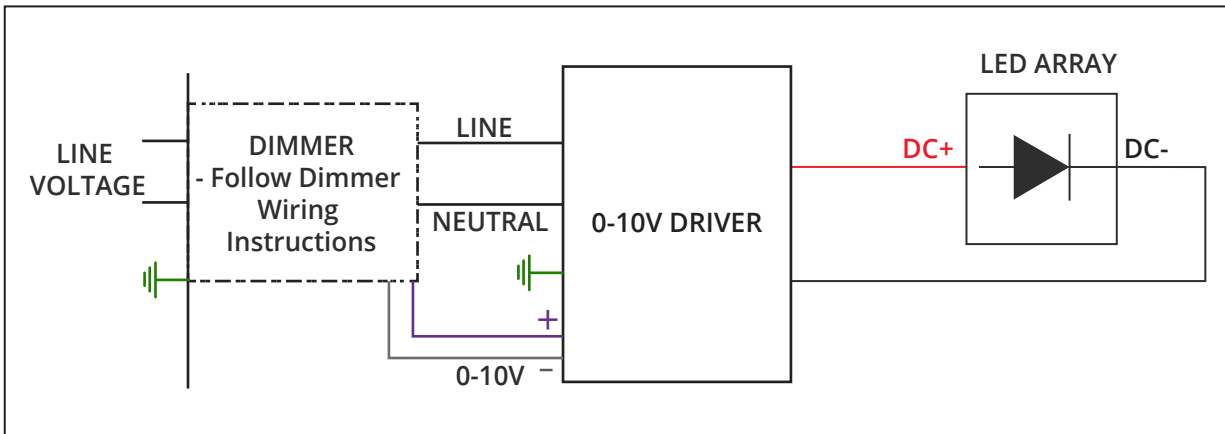
### IMPORTANT:

- 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





**IDAHO 40** TRIMLESS SYSTEM  
SPECIFICATION SHEET

PROJECT	
TYPE	
NOTES	
QUANTITY	
DATE	

INSERT CUSTOM DRAWING HERE OR ATTACH WITH ADDITIONAL PAGES