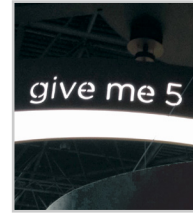


PROJECT _____
 TYPE _____
 NOTES _____
 QUANTITY _____
 DATE _____

IDAHO 100 SURFACE SYSTEM SPECIFICATION SHEET

ARCHITECTURAL

The surface mounted profile of the IDAHO family shows rooms in a distinctive setting. Painted in one of the 29 standard colors, the elegant lines of light accentuate the architecture - mounted on ceilings, walls, corners or intersecting. 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



Whether text, symbols, or branding, IDENTITY allows the luminaire to be customized on request with cut-outs along its entire length. Easily the best solution to be creative and make a space unique for branding, organizing, and motivation

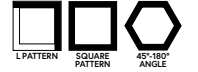
PROLICHT

UPON REQUEST

- Additional Options**
- Color Temperature
 - Special CRI
 - RGB-W / Tunable
 - Different Output
 - Individual Sizes
 - Special Diffusers
 - Engraving Letters & Signs



Upon Request (Drawing is Required)



BUILDING GUIDE

Check boxes to complete specification order and submit to 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) - Limited Quantity

Build Code L3ID100-SUR-SYS-							
	Product	Color Temperature	Distribution	Diffuser	Length		
PROFILE - SYSTEM	L3ID100-SUR-SYS Surface	27K 2700K	DIR Direct	OP Opal	Alum Profile System length		
		30K 3000K				MP Microprism	Specify in mm length
		35K 3500K					Specify in X'-X" qty
		40K 4000K				PAT Pattern/Design Ambition (Consult Factory with Drawings) qty	

	Electrical	Input Voltage	Emergency	Finish	
PROFILE - SYSTEM	DN Non-Dimming	UNV Universal 120V / 277V	EMCIR Emergency Circuit	Profile ◆ 00-29	Invader Korona ◆ 01-29
	DP Phase Dimming			End Cap ◆ 00-29	
	DV 0-10 Dimming			Cap Profile ◆ 00-29	
	DD Dali Dimming (Upon Request)			Wall Spacer ◆ 00-29	

◆ ◆ ◆ ◆
 refer to color chart
 refer to inserts to build code
 RAL color # (upon request)

IDAHO 100 SURFACE SYSTEM SPECIFICATION SHEET

Build Code L32401-		Dimension		Finish	qty
mm		mm			
ALUMINUM PROFILE		W: 102 H: 90	per meter max 3000mm field-cutttable	◆ 00-29	
Build Code L380009-		Dimension		Finish	qty
mm		mm			
END CAP		102 x 90 H: 6	1 Pair	◆ 00-29	
Build Code L3992500		Dimension			qty
mm		mm			
LINEAR COUPLER		200 x 98 H: 50	1 Pair		
Build Code L3848200		Dimension			qty
mm		mm			
CORNER COUPLER 90°		x H:	1 Pair available upon request		
Build Code L3871700		Dimension			qty
mm		mm			
45°-180° CORNER COUPLER		x H:	1 Pair available upon request		

IDAHO 100 SURFACE SYSTEM SPECIFICATION SHEET

PROJECT _____

TYPE _____

NOTES _____

QUANTITY _____

DATE _____

Build Code L39034-		Dimension		Finish	qty
		mm	mm ²		
WALL SPACER		38 x 10 H: 38	Ø38 fastener - max distance 1.5m	◆ 00-29	
Build Code L3903500-		Dimension			qty
		mm			
WALL KEYHOLE MILLING			fastener - max distance 1.5m		
Build Code L3992300-		Dimension			qty
		mm			
OPAL DIFFUSER		W: 99 H: 27	per meter max 3000mm field-cuttable		
Build Code L3817100-		Dimension			qty
		mm			
MICROPRISM DIFFUSER		W: 99 H: 27	per meter max 3000mm field-cuttable		
Build Code L39924-		Dimension		Finish	qty
		mm			
CAP PROFILE		W: 99 H: 27	per meter max 3000mm field-cuttable	◆ 00-29	

IDAHO 100 SURFACE SYSTEM SPECIFICATION SHEET

PROJECT	_____
TYPE	_____
NOTES	_____
QUANTITY	_____
DATE	_____

Build Code L38608-										qty
INVADER		Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Finish	Reflector		
		9.8 9.8W 668 668lm 693 693lm 729 729lm 744 744lm	90 DN Non-Dim DP Phase DV 0-10V	27K 2700K 30K 3000K 35K 3500K 40K 4000K	01-29	20 Δ 20° 40 Δ 40° 60 Δ 60°				



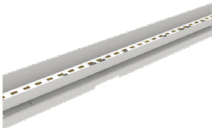
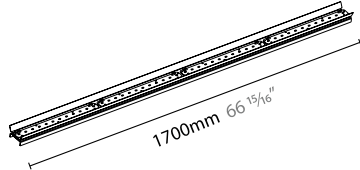
Build Code L38611-										qty
INVADER DOUBLE		Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Finish	Reflector		
		19.6 19.6W 1336 1336lm 1387 1387lm 1457 1457lm 1487 1487lm	90 DN Non-Dim DP Phase DV 0-10V	27K 2700K 30K 3000K 35K 3500K 40K 4000K	01-29	20 Δ 20° 40 Δ 40° 60 Δ 60°				



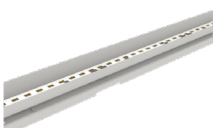
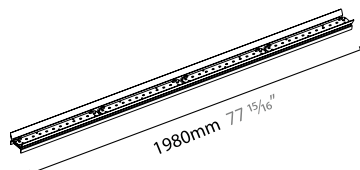
Build Code L38172-									qty
IDALINE 100		Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser		
		20 20.2W 2175 2175lm 2252 2252lm 2298 2298lm	80 DN Non-Dim DP Phase DV 0-10V	30K 3000K 35K 3500K 40K 4000K	OP Opal MP Microprism				




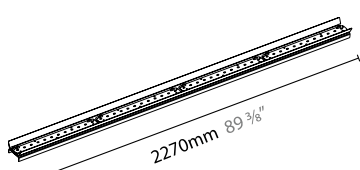
Build Code L38176-									qty
IDALINE 100		Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser		
		25 25.3W 2719 2719lm 2815 2815lm 2872 2872lm	80 DN Non-Dim DP Phase DV 0-10V	30K 3000K 35K 3500K 40K 4000K	OP Opal MP Microprism				

IDAHO 100 SURFACE SYSTEM SPECIFICATION SHEET

PROJECT	_____
TYPE	_____
NOTES	_____
QUANTITY	_____
DATE	_____

Build Code L38180-									qty
 		Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser		
IDALINE 100  	30	3263	80	DN Non-Dim	30K 3000K	OP Opal			
	30.4W	3262lm							
		3378 3378lm							
	3447 3447lm		DP Phase	35K 3500K	MP Microprism				
	4022 4022lm								
	4596 4596lm								
			DV 0-10V	40K 4000K					

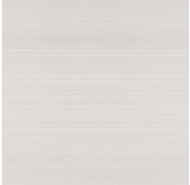
Build Code L38184-									qty
 		Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser		
IDALINE 100  	35	3807	80	DN Non-Dim	30K 3000K	OP Opal			
	35.4W	3807lm							
		3942 3942lm							
	4022 4022lm		DP Phase	35K 3500K	MP Microprism				
	4596 4596lm								
						DV 0-10V	40K 4000K		

Build Code L38188-									qty
 		Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser		
IDALINE 100  	40	4351	80	DN Non-Dim	30K 3000K	OP Opal			
	40.5W	4351lm							
		4504 4504lm							
	4596 4596lm		DP Phase	35K 3500K	MP Microprism				
						DV 0-10V	40K 4000K		

PROJECT _____
 TYPE _____
 NOTES _____
 QUANTITY _____
 DATE _____

FINISH COLORS 00-29

Anodized Aluminum - 01



Sparkling Silver - 01



Black Velvet - 02



Crystal White - 03



Creamy - 04



Hampton Bay - 05



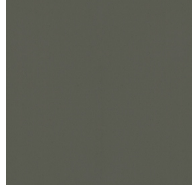
Lagoon - 06



Urban Forest - 07



In the Army - 08



Rusty Angel - 09



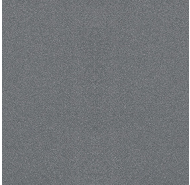
Rusty Rush - 10



Milk and Chocolate - 11



Fade to Gray - 12



Mysterious Gray - 13



Twilight - 14



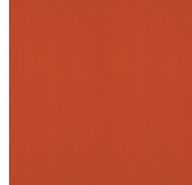
Lost Dream - 15



Purple Sky - 16



Fresh Oh - 17



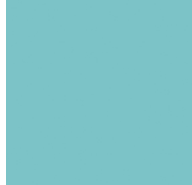
Funky P. - 18



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



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		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		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
	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		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)

PROJECT	_____
TYPE	_____
NOTES	_____
QUANTITY	_____
DATE	_____

SYSTEM SUMMARY

System

Type
Surface
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%
Micro-prismatic Diffuser (snap-in) lens 53%

Profile

Measurement
w 102mm (3 1/8") x ht. 90mm (3 5/8")

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

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 2 inches from one end of the fixture, on top of the profile
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
Whether text, symbols, or branding, IDENTITY allows the luminaire to be customized on request with cut-outs along its entire length. Easily the best solution to be creative and make a space unique for branding, organizing, and motivation. Identity engraving for letters and signs have a standard price per character

In addition to the opal and prismatic diffusers, powerful downlights partially with KORONA CONE can be integrated into the profile. This enables zoning to be achieved without additional openings in the ceiling

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

End-caps and cap profile can be specified with a different color option to the profile to create unique combinations

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

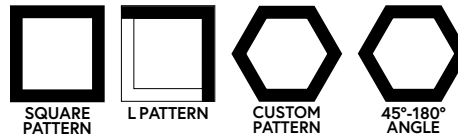
Color temperature, Special CRI, RGB-W, tunable, individual sizes, special diffuser, light inserts with different outputs, light inserts on different circuits, miter cuts

Invader spot integrated into opal diffuser available; depending on size and length

90° corner (L3848200) and 45°-180° corner (L3871700) available upon request

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 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	_____

SYSTEM SUMMARY

Inserts

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

Linears

Idaline 75

Wattage: 20.2W - 40.5W

Lumen: 2175lm - 4596lm

Color Temperature: 30K, 35K, 40K

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

Spots

Invader

Wattage: 9.8W - 19.6W

Lumen: 668lm - 1487lm

Color Temperature: 27K, 30K, 35K, 40K

Reflector Option: 20°, 40°, 60°

Korona Available in 29 colors

WIRING DIAGRAMS

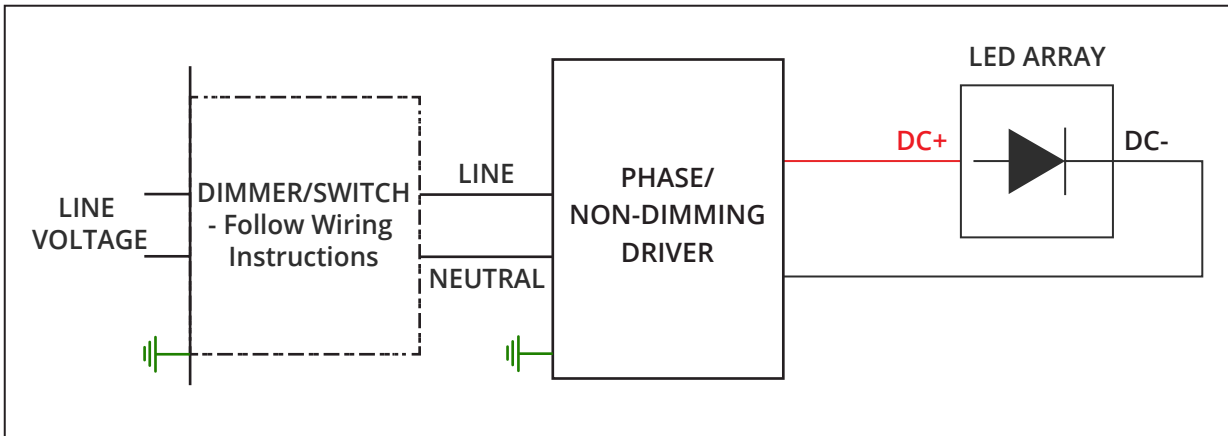
ALL ZANEEN FIXTURES ARE MANUFACTURED TO NORTH AMERICAN ELECTRICAL STANDARDS

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

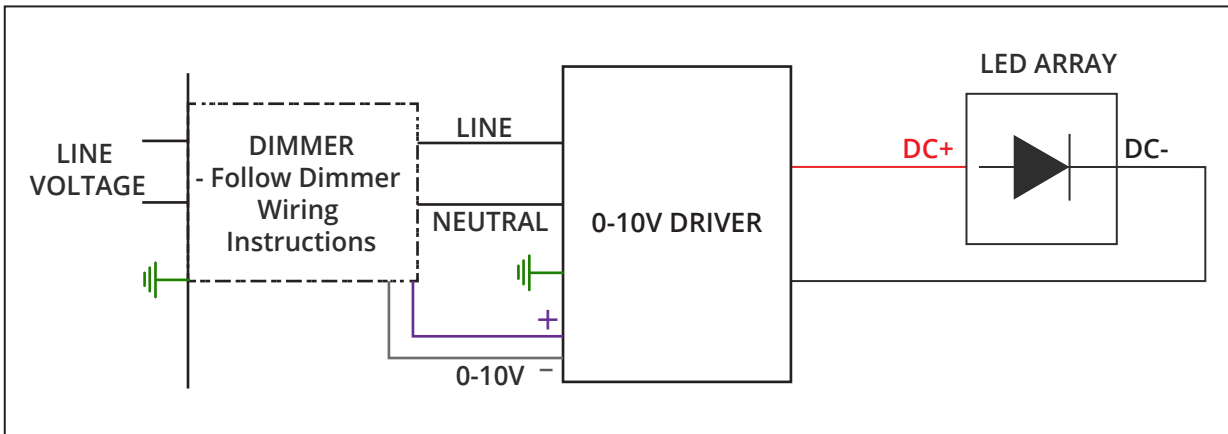
IMPORTANT:

- 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 100 SURFACE SYSTEM
SPECIFICATION SHEET

PROJECT _____
TYPE _____
NOTES _____
QUANTITY _____
DATE _____

INSERT CUSTOM DRAWING HERE OR ATTACH WITH ADDITIONAL PAGES