ZANEEN®

IDAHO 75 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
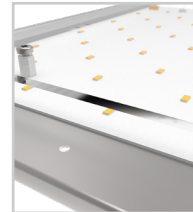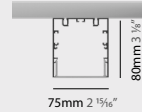
All LED-Boards are protected from electrostatic discharge (ESD) and direct contact with the LED by a highly transparent acrylic glass

80mm 3 ⅛"
75mm 2 ¹⁵⁄₁₆"

PROLICHT

UPON REQUEST
📞 **Additional Options**

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

5 YEAR WARRANTY

Drawing is Required

L PATTERN | SQUARE PATTERN | 45°-180° ANGLE

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 **L3ID75-SUR-SYS-**

PROFILE - SYSTEM

Product	Color Temperature	Distribution	Diffuser	Length

L3ID75-SUR-SYS
Surface
	27K
	2700K
	
	30K
	3000K
	
	35K
	3500K
	
	40K
	4000K
		DIR
		Direct
			OP
			Opal
			
			MP
			Microprism
				Alum Profile System
				      length
				Specify in mm
				      length
				Specify in X'-X"
				      qty
				
				PAT
				Pattern/Design Ambition
				(Consult Factory with Drawings)
				      qty

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

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

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ALUMINUM PROFILE

Build Code **L32024-**   qty

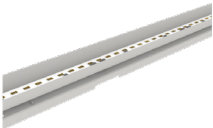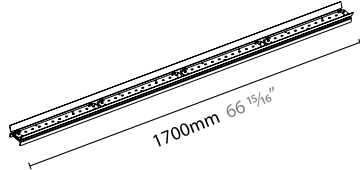|	Dimension mm		Finish
	W: 76 **H: 80**	**per meter** max 3000mm field-cuttable	◆ **00-29**

75mm 2 15/16"   80mm 3 1/8"

END CAP

Build Code **L38000_-**   qty

	Dimension mm	Build Code Addition	Finish
	80 x 75 **H: 3**	**0 7**	◆ **00-29**
	80 x 75 **H: 6**	**0 8**	

3mm 1/8"
6mm 1 7/16"

LINEAR COUPLER

Build Code **L3784000-**   qty

	Dimension mm	
	100 x 2 **H: 16**	**1 Pair**

CORNER COUPLER 90°

Build Code **L3784100-**   qty

	Dimension mm	
	52 x 52 **H: 16**	**1 Pair**

45°–180° CORNER COUPLER

Build Code **L3784200-**   qty

	Dimension mm	
	52 x 52 **H: 16**	**1 Pair**

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Build Code **L39034-**					qty
↑ ◆		Dimension		Finish	
		mm	mm²		
WALL SPACER	max 1.5m 4' 11 ¹¹⁄₁₆" distance	**38 x 10 H: 38**	**Ø38 fastener - max distance 1.5m**	◆ **00-29**	

Build Code **L3903500-**			qty
↑		Dimension	
		mm	
WALL KEYHOLE MILLING	max 1.5m 4' 11 ¹¹⁄₁₆" distance	**fastener - max distance 1.5m**	

Build Code **L3906700-**			qty
↑ ◢		Dimension	
		mm	
OPAL DIFFUSER		**W: 68 H:25**	**per meter** max 3000mm field-cuttable

Build Code **L3907200-**			qty
↑ ◢		Dimension	
		mm	
MICROPRISM DIFFUSER		**W: 68 H:25**	**per meter** max 3000mm field-cuttable

Build Code **L39458-**				qty
↑		Dimension	Finish	
		mm		
CAP PROFILE	◆	**W: 68 H:25**	**per meter** max 3000mm field-cuttable	◆ **00-29**

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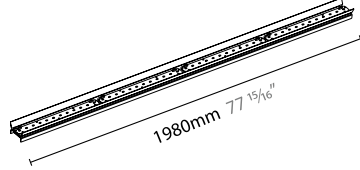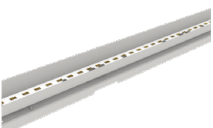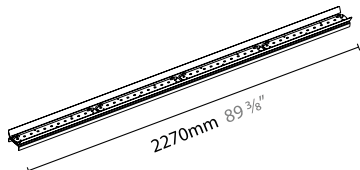
INVADER

Build Code **L38627-**

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

300mm 11 13/16"

INVADER DOUBLE

Build Code **L38630-**

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

400mm 15 ¾"   80mm 3 ⅛"

IDALINE 75

Build Code **L38155-**

	Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser	
	20 20.2W	**1891** 1891lm	80	**DN** Non-Dim	**30K** 3000K	**OP** Opal	
		1958 1958lm		**DP** Phase	**35K** 3500K	**MP** Microprism	
		1998 1998lm		**DV** 0-10V	**40K** 4000K		

1140mm 44 ⅞"

IDALINE 75

Build Code **L38157-**

	Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser	
	25 25.3W	**2364** 2364lm	80	**DN** Non-Dim	**30K** 3000K	**OP** Opal	
		2448 2448lm		**DP** Phase	**35K** 3500K	**MP** Microprism	
		2498 2498lm		**DV** 0-10V	**40K** 4000K		

1420mm 55 ⅞"

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SPECIFICATION SHEET

IDALINE 75

Build Code **L38159-**   qty

	Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser	
1700mm 66 15/16"	**30** 30.4W	**2837** 2837lm **2937** 2937lm **2997** 2997lm	**80**	**DN** Non-Dim **DP** Phase **DV** 0-10V	**30K** 3000K **35K** 3500K **40K** 4000K	**OP** Opal **MP** Microprism	

IDALINE 75

Build Code **L38161-**   qty

	Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser	
1980mm 77 15/16"	**35** 35.4W	**3310** 3310lm **3426** 3426lm **3496** 3496lm	**80**	**DN** Non-Dim **DP** Phase **DV** 0-10V	**30K** 3000K **35K** 3500K **40K** 4000K	**OP** Opal **MP** Microprism	

IDALINE 75

Build Code **L38163-**   qty

	Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	Diffuser	
2270mm 89 3/8"	**40** 40.5W	**3783** 3783lm **3916** 3916lm **3996** 3996lm	**80**	**DN** Non-Dim **DP** Phase **DV** 0-10V	**30K** 3000K **35K** 3500K **40K** 4000K	**OP** Opal **MP** Microprism	

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SPECIFICATION SHEET

FINISH COLORS 00-29

Anodized Aluminum - 01	Sparkling Silver - 01	Black Velvet - 02	Crystal White - 03	Creamy - 04	Hampton Bay - 05
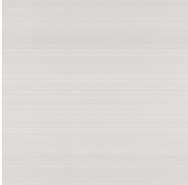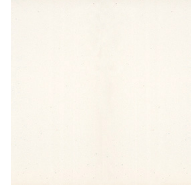
Lagoon - 06	Urban Forest - 07	In the Army - 08	Rusty Angel - 09	Rusty Rush - 10	Milk and Chocolate - 11
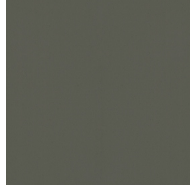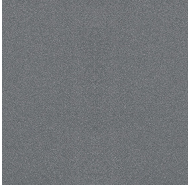
Fade to Gray - 12	Mysterious Gray - 13	Twilight - 14	Lost Dream - 15	Purple Sky - 16	Fresh Oh - 17
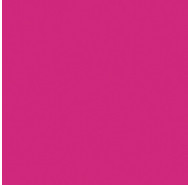
Funky P. - 18	Kissing Aphrodite - 19	Poseidon's Paradise - 20	Blue Sky - 21	Spring Green - 22	Mellow Yellow - 23
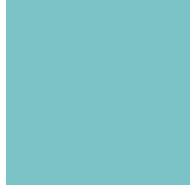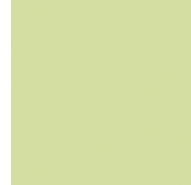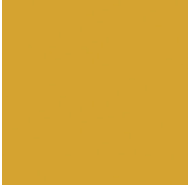
Golden Heart - 24	Gun Metal - 25	Champagne Cream - 26	Copper Mine - 27	Ancient Bronze - 28	Jazz Gold - 29
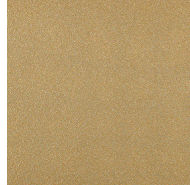
Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens.
Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.
Gun Metal: No Gun Metal finish is alike. It 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

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SPECIFICATION SHEET

PROJECT

TYPE

NOTES

QUANTITY

DATE

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	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	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	🎨	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

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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IDAHO 75 SURFACE SYSTEM
SPECIFICATION SHEET

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 75mm (2 ¹⁵⁄₁₆") x ht. 80mm (3 ⅛")

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

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
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 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

Configuration
Consult factory for patterns or custom designs
Provide configuration drawings

SQUARE PATTERN	L PATTERN	CUSTOM PATTERN	45°-180° ANGLE
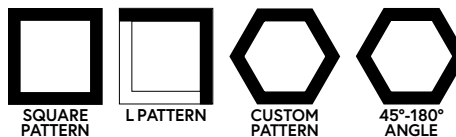
*Shop drawings provided upon receiving purchase order

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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PROJECT

TYPE

NOTES

QUANTITY

DATE

IDAHO 75 SURFACE SYSTEM
SPECIFICATION SHEET

SYSTEM SUMMARY

Inserts

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

Linears

Idaline 75
Wattage: 20.2W - 40.5W
Lumen: 1891lm - 3996lm
Color Temperature: 30K, 35K, 40K
Length: 1140mm (44 ⅞") - 2270mm (89 ⅜")

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

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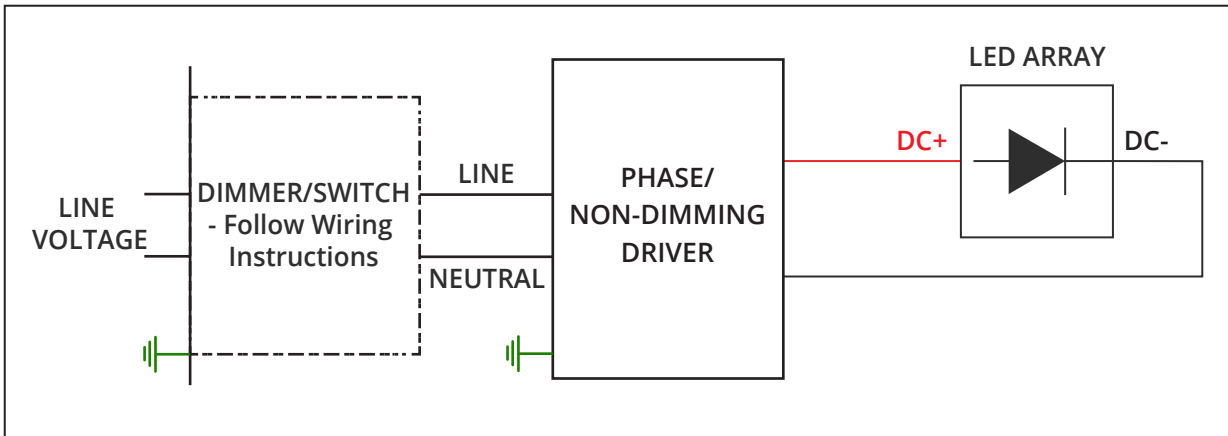
WIRING DIAGRAMS

ALL ZANEEN FIXTURES ARE MANUFACTURED TO NORTH AMERICAN ELECTRICAL STANDARDS

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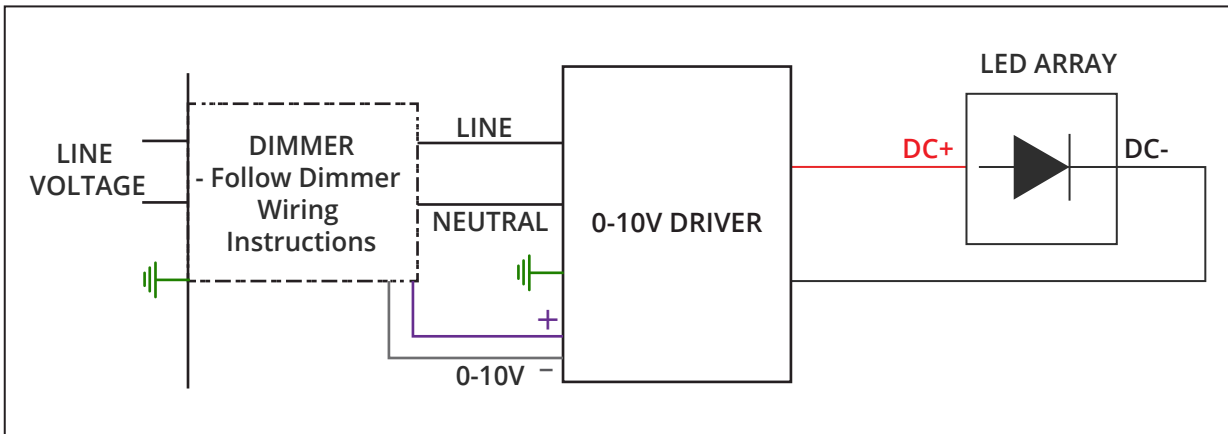HQ 1-800-388-3382 X 625 support@zaneen.com

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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INSERT CUSTOM DRAWING HERE OR ATTACH WITH ADDITIONAL PAGES