

## SUPER-G 100 RECESSED SYSTEM

### SPECIFICATION SHEET

PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

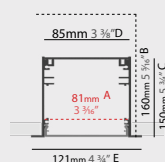
NOTES \_\_\_\_\_

QUANTITY \_\_\_\_\_

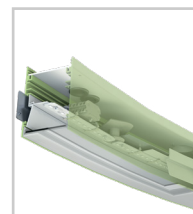
DATE \_\_\_\_\_

#### ARCHITECTURAL

A dynamically flowing line of light. The SUPER-G 100 recessed profile system draws elegant, curvy lines on ceilings and walls that provide powerful and uniform lighting. Different curve elements and lengths in standard sizes or customized sizes offer a lot of creative scope. The entire internal unit with reflector, driver, and LED board can be changed easily



A: Opening width | B: Recess depth  
C: Profile height | D: Profile width  
E: Mounting width including trim



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.

#### UPON REQUEST

##### Additional Options

Color Temperature

Special CRI

RGB-W / Tunable

Different Output

Custom Radii



PROLICHT

## 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 **L3SG100-REC-SYS-**

PROFILE - SYSTEM	Product	Color Temperature	Distribution	Diffuser	Length
	<b>L3SG100-REC-SYS</b> Recessed	<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
					Specify in X'-X"
					qty
					<b>PAT</b> Pattern/Design Ambition (Consult Factory with Drawings) Examples on pg. 6
					qty

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



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

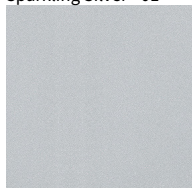
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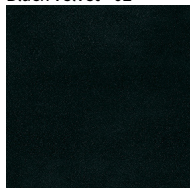
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### FINISH COLORS 01-29

Sparkling Silver - 01



Black Velvet - 02



Crystal White - 03



Creamy - 04



Hampton Bay - 05



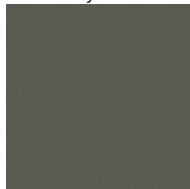
Lagoon - 06



Urban Forest - 07



In the Army - 08



Rusty Angel - 09



Rusty Rush - 10



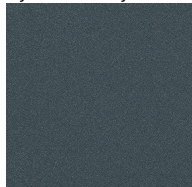
Milk and Chocolate - 11



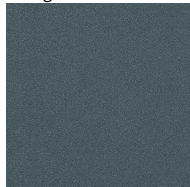
Fade to Gray - 12



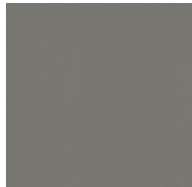
Mysterious Gray - 13



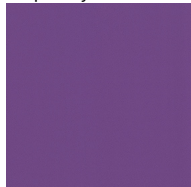
Twilight - 14



Lost Dream - 15



Purple Sky - 16



Fresh Oh - 17



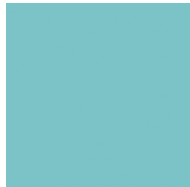
Funky P. - 18



Kissing Aphrodite - 19



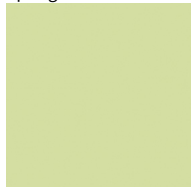
Poseidon's Paradise - 20



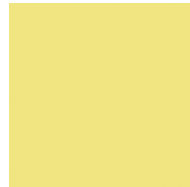
Blue Sky - 21



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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### 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
	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)

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## SYSTEM SUMMARY

### System

**Type**  
Recessed  
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 46%

### Profile

**Measurement**  
w 121mm (4 ¾") x ht. 150mm (5 ¾")

**Housing**  
Anodized extruded aluminum profile available per meter and field-cuttable  
Profiles have a maximum length of 3000mm (9' 10 ⅞") and joined together with couplers to ensure uniform appearance and easy installation  
Welded flat end caps to profile

**Cutout**  
Dependent on custom curves and straight profiles  
**Drywall Ceiling Thickness**  
Mounting bracket function with drywall thickness between 10mm (¾") - 30mm (1 ⅜")  
**Recessed Depth**  
h 160mm (5 ⅞")

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

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

The range of straight and differently curved sections gives a particularly high degree of freedom in the design of unique lighting concepts

**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, flat or illuminated round end caps, special diffuser, light inserts with different outputs, light inserts on different circuits

**Configuration**  
Consult factory with 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)

# WIRING DIAGRAMS

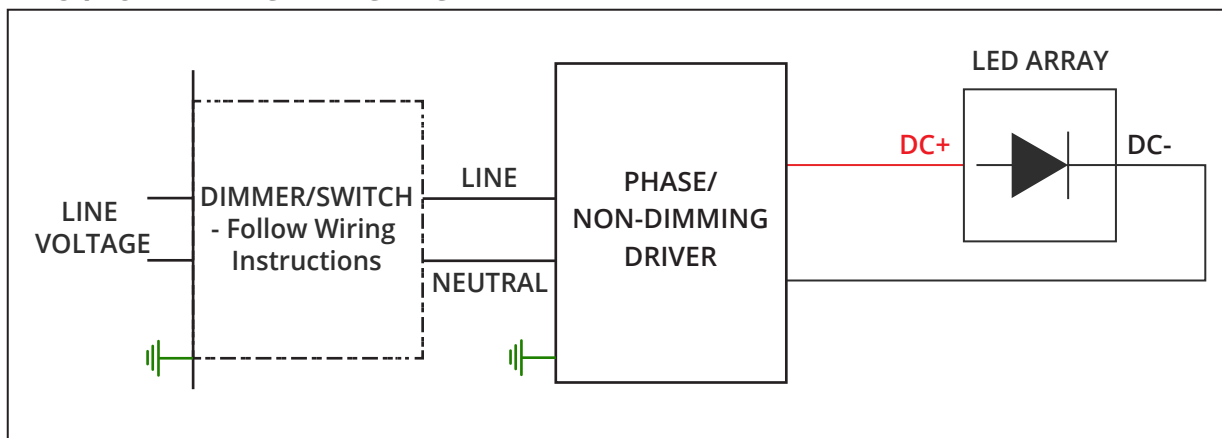
ALL ZANEEN FIXTURES ARE MANUFACTURED TO NORTH AMERICAN ELECTRICAL STANDARDS

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

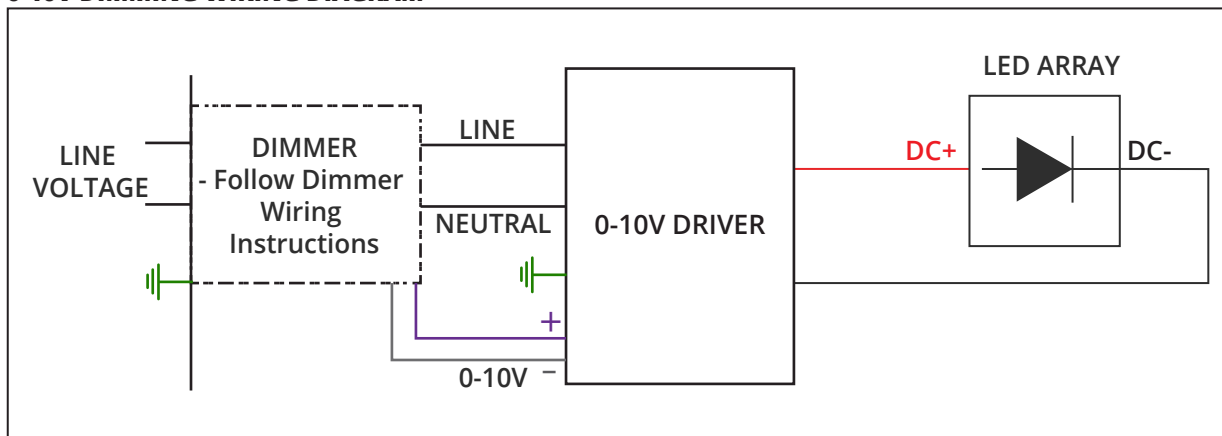
### IMPORTANT:

- 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





**SUPER-G 100** RECESSED SYSTEM  
SPECIFICATION SHEET

PROJECT	
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INSERT CUSTOM DRAWING HERE OR ATTACH WITH ADDITIONAL PAGES