

VSL-V-AC-XXXX-XX

This product features a 3000V anti-lightning surge design, utilizes high-power LEDs, and employs equal-spacing butt joints to ensure a light box surface uniformity exceeding 0.5. It offers various specifications and supports customization to meet customer needs.



sidelight series

Beam angle

Volt (AC)

LIGHT COLOR SPECIFICATION

Product type	Control type	Color type	CCT (K)		Lumen (lm/pcs)	Efficacy (lm/W)	Power (W/pcs)	CRI
VSL-V-AC-0610-65K	PWM	single color	6500		1782	80	23.0	70+
VSL-V-AC-0915-65k	PWM	single color	6500		2560	80	32.0	70+

Other color options available on request



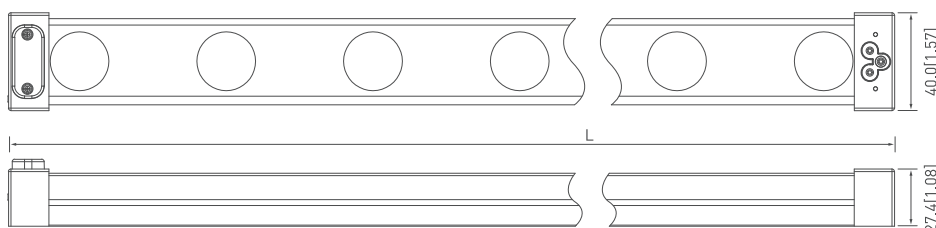
PRODUCT SPECIFICATION

Product type	Length (mm)	LEDs /pcs	Cuttability	Max. in serial connection	Module distance (mm)	LED type
VSL-V-AC-0610-65K		10	Not cuttable			3535
VSL-V-AC-0915-65k		15	Not cuttable			3535

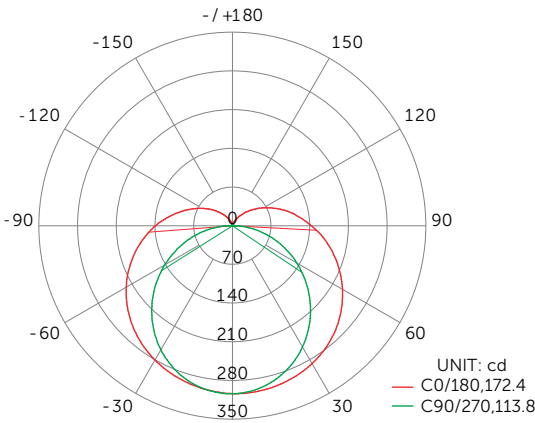
TECHNICAL DRAWINGS

unit: mm

VSL-V-AC-XXXX-XX



LIGHT INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):143.1 DEG

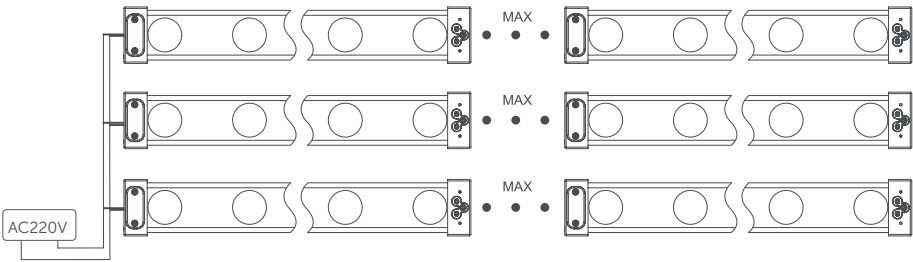
Storage Temperature: -20~+70°C

Working Temperature : -20~+60°C

Note: The above two pictures are tested with the sample VNL-3D35C-24-TW-26K58K. For more info, please contact sales rep.
The luminous flux and power tolerance are +10%.

INSTALLATION

Connection Diagram

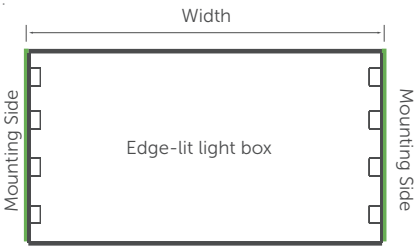


Installation Reference

VSL-V-AC-0610-65K

Lighting Method	Surface Material	Width(m)	Depth H(cm)	Watt Density (W/m)	Density (pcs/2m)	Illumination (Lux)	Evenness
Double-side lighting	White pearl cloth	2.0	10	46	2*2	1400-1650	0.85
		2.5	10	37	2*2	910-1410	0.65
		3.0	10	31	2*2	670-1250	0.54

Note:
The density is within a light box of 1 square meter.
PCS/m indicates the product quantity installed on single side, and PCS/2m indicates the quantity of double-sided installation.



Note:
The density refers to product quantities installed on the mounting side, and "1*2" refers to 2 mounting sides and each side with 1pcs.

Products and Tools

Note:
Screw to avoid welding plate, avoiding short circuit
When fastening the screw, make sure to add plastic gaskets to insulate the screw from the LED panel.

Model No.	Product Size L*W*H(mm)	Carton Size (mm)	PCS/Carton	Net Weight (kg)	Gross Weight (kg)
VSL-V-AC-0610-65K	598*40*27.4	685*295*275	36	14.65 (1±10%)	16.15 (1±10%)
VSL-V-AC-0915-65k	898*40*27.4	1000*185*185	16	10.50 (1±10%)	11.80 (1±10%)

Note:

This product is packed in a PE bag and put in an ordinary long carton box.

The above quantity and weight are only for the illustrated packaging method. There will be differences in the quantity and weight with other packaging methods.

Test Sort	Test item	Reference Standard	Test condition	Test result
Environmental test	High Temperature Resistance Test	Company's Warranty Policy	TH=80℃ ,continuous power on and light up	Pass
Other Test	Voltage and Switch Impulse Test		AC185, 220, 265V, switch every 6min, switch power every 3min	

- Before installation, check that the product parameters are consistent with the requirements (Seeing product specifications or product labels)
- Load voltage, current, power and power supply should be matched with the product.
- Follow the instructions of wiring diagram (first connect the load and then the power supply) to avoid short circuit.
- Make sure the correct connection of positive and negative poles between products and power supply. Otherwise, the light will not be on.
- Make sure the power cord firmly screwed into the terminal and it should not be pulled out by hands.
- The terminal should have insulation, waterproof and anti-corrosive treatment.
- Storage temperature: -20~+70°C
- Working temperature: -20~+60°C
- LED lighting products belongs to electronic products, please do recycling treatment according to the relevant WEEE directives.

- Do not disassemble or retrofit the light.
- Do not touch the surface of the light with a sharp object.
- Do not do live-line working during installation, especially for high voltage product.
- Do not use any organic chemical solvents.
- Use neutral glass adhesive to fix this product and it needs to be dried 4 hours in the open environment after operation.
- Treat the ends and the circuit connection points that are not connected to the main line with insulation, waterproof and anti-corrosion in the installation.

Use 18AwG (0.75mm² cross-sectional area) or thicker core wire to avoid adverse consequences caused by overheating, if the power cable need to lengthen.

- Make sure the input voltage meets the requirements and lines are connected correctly before lighting on.
- This product is for signage, and do not use as general lighting.
- Series connection within the max run.
- The length of the power cable between the power supply and the led strip should not exceed 2 meters. Otherwise, large circuit loss will lead to inconsistent brightness.
- Installation, maintenance and repair should be operated by a qualified technician.

- The parameters given in this manual are typical values and for reference only
- All illustrations and drawings in this manual are for reference.
- This product is subject to change without notice.

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