

VDL-N3-24-XXXX

Vivalyte's backlit solutions are suitable for ultra-thin lightboxes, 5-15cm depth. The high quality Nichia 3030 SMD LEDs bring highbrightness and ensure stable and perfectly even light distribution.



Waterproof backlight series

N3

Outdoor or Indoor

Beam angle

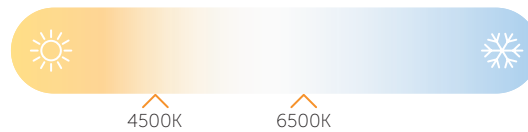
Volt (DC)

24V

LIGHT COLOR SPECIFICATION

Product type	Control type	Color type	CCT (K)		Lumen (lm/pcs)	Efficacy (lm/W)	Power (W/pcs)	CRI
VDL-N3-24-4907-40K-IP65	PWM	single color	4500		366	118	3.1	82+
VDL-N3-24-4907-65K-IP65			6500					
VDL-N3-24-9814-40K-IP65	PWM	single color	4500		703	112	6.3	82+
VDL-N3-24-9814-65K-IP65			6500					

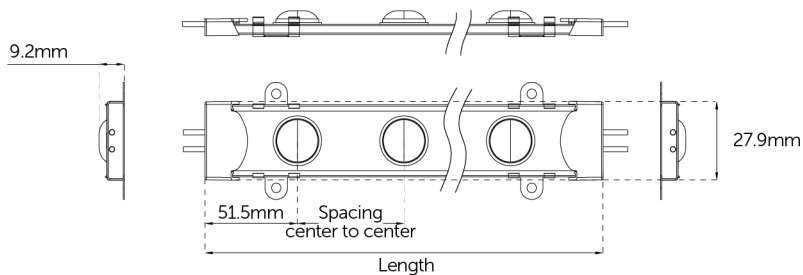
Other color options available on request



PRODUCT SPECIFICATION

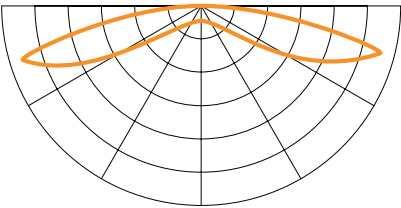
Product type	Length (mm)	LEDs /pcs	Cuttability	Max. in serial connection	Module distance (mm)	LED type
VDL-N3-24-4907	490	7	Not cuttable	10	38	3030
VDL-N3-24-9814	980	14	Not cuttable	5	38	3030

DIMENSIONS



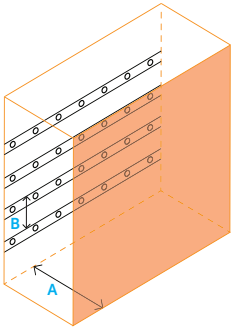
LIGHT DISTRIBUTION GRAPH

Beam angle: 160°



RECOMMENDED DIMENSIONS

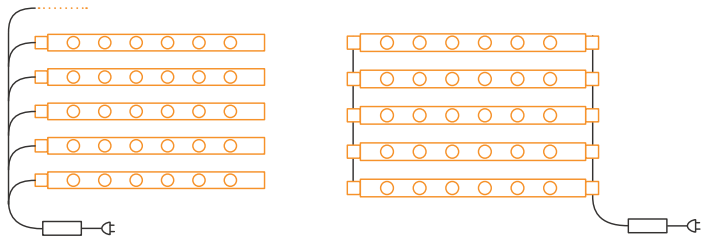
Product type	Thickness of the panel	Bar to bar distance	Qty/m ²
VDL-N3-24-XXXX	5cm	10cm	10pcs
	7cm	10cm	10pcs
	8cm	11cm	9pcs
	10cm	13cm	8pcs



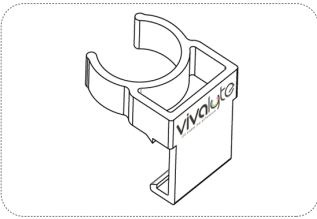
Note *:
1. Distance "B" is measured center to center
2. All test was using a pure white reflective backplane and white light-box fabrics as example.
3. Performance can vary when products are used in different environment. The reflectivity of back panel and transmissive characteristics of the front diffuser play vital role in the result.

PRODUCT ARRANGE TYPE THE OPTIONS

MASTER CABLE or CURTAIN DESIGN



PRODUCT ACCESSORIES



Clip Vivaclip

The VDL-N3 backlit series is compatible with the Vivaclip system. This budget-friendly clipping system will help you mount LED curtains even faster and easier.

SAFETY & OPERATION INSTRUCTIONS

- 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.

WARNING

- 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.

STATEMENTS AND RECYCLING

- 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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