

# VDL-MS-12

Vivalyte's Small Module Series delivers compact, high-efficiency lighting designed specifically for small lightboxes, ensuring bright, even illumination in tight spaces.



High efficiency modules

ms

Outdoor

IP65

Beam angle

160°

Volt (DC)

12

## LIGHT COLOR SPECIFICATION

Product type	Control type	Color type	CCT (K)	Lumen (lm/pcs)	Efficacy (lm/W)	Power (W/pcs)	CRI
VDL-MS-12-0201-30K	PWM	single color	3000	30	100	0,3	80+
VDL-MS-12-0201-40K			4000	30	100	0,3	
VDL-MS-12-0201-65K			6500	30	100	0,3	
VDL-MS-12-0402-30K	PWM	single color	3000	65	90	0,72	80+
VDL-MS-12-0402-40K			4000	65	90	0,72	
VDL-MS-12-0402-65K			6500	65	90	0,72	
VDL-MS-12-0603-30K	PWM	single color	3000	93	91,2	1,72	80+
VDL-MS-12-0603-40K			4000	93	91,2	1,72	
VDL-MS-12-0603-65K			6500	93	91,2	1,72	

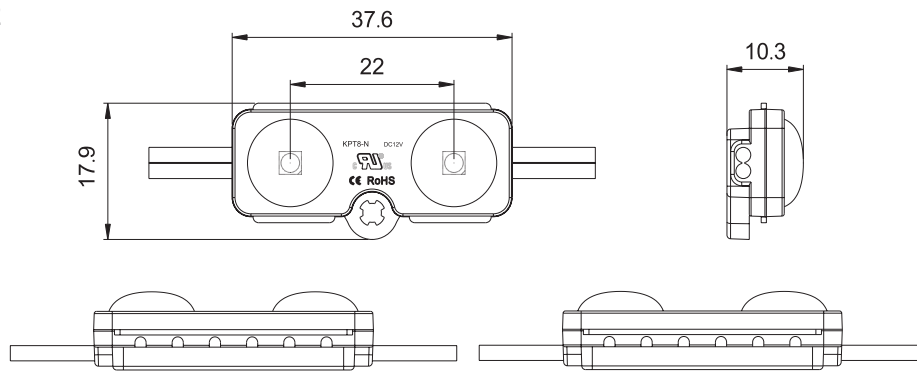
Other color options available on request



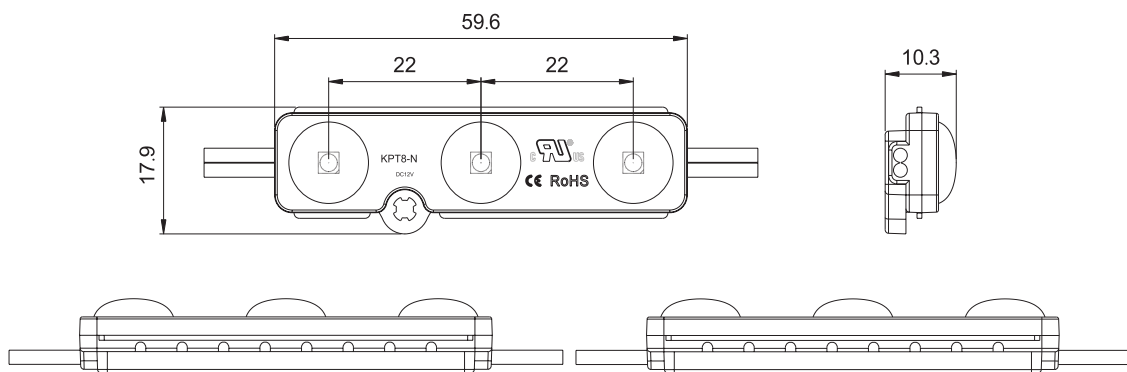
## PRODUCT SPECIFICATION

Product type	Length (mm)	LEDs /pcs	Cuttability	Max. in serial connection	Module distance (mm)	LED type
VDL-MS-12-0201	20	1	Not cuttable	50	140	2835
VDL-MS-12-0402	37,6	2	Not cuttable	25	140	2835
VDL-MS-12-0603	59,6	3	Not cuttable	16	140	2835

VDL-MS-12-0402



VDL-MS-12-0603



## 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: -40~+80°C
- Working temperature: -30~+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 (0.75mm<sup>2</sup> 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.

## STATEMENT

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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