

VDL-MH-24

Vivalyte's High Efficiency Light Modules provide powerful, energy-saving illumination with exceptional brightness and reliability, ideal for large-scale and long-term installations.



High efficiency
modules



Outdoor

IP65

Beam angle

170°

Volt (DC)

24

LIGHT COLOR SPECIFICATION

Product type	Control type	Color type	CCT (K)	Lumen (lm/pcs)	Efficacy (lm/W)	Power (W/pcs)	CRI
VDL-MH-24-0602-30K	PWM	single color	3000	115	160	0,72	70+
VDL-MH-24-0602-45K			4500				
VDL-MH-24-0602-65K			6500				
VDL-MH-24-1104-30K	PWM	single color	3000	230	160	1,44	70+
VDL-MH-24-1104-45K			4500				
VDL-MH-24-1104-65K			6500				

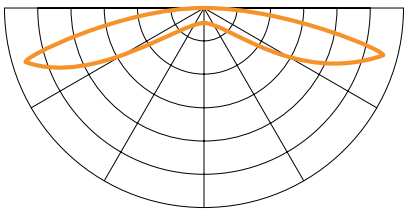
Other color options available on request



PRODUCT SPECIFICATION

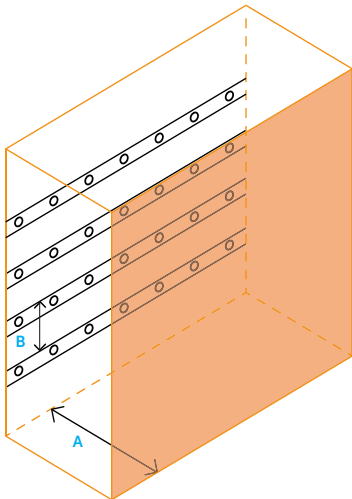
Product type	Length (mm)	LEDs /pcs	Cuttability	Max. in serial connection	Module distance (mm)	LED type
VDL-MH-24-0602	60	2	Not cuttable	30	204	2835
VDL-MH-24-1104	112	4	Not cuttable	20	296	2835

LIGHT DISTRIBUTION GRAPH



PRODUCT SPECIFICATION

Product type	Depth (mm)	Illumination (lux)	Uniformity	Density (pcs/m²)	Spacing (mm)	Power (W/m²)
VDL-MH-24-0602	60	6420-8020	0,80	10*10	100*100	72
	80	4160-5220	0,80	8*8	120*120	46
	100	2840-3660	0,78	6*7	160*140	30
	120	2170-2630	0,83	5*6	180*160	22
	150	1843-2170	0,85	5*5	180*180	18
	180	1674-1879	0,89	5*5	180*180	18
VDL-MH-24-1104	80	7470-8760	0,85	6*8	160*120	69
	100	5070-6210	0,82	6*6	160*160	52
	120	3410-4370	0,78	5*5	200*200	36
	150	2430-2880	0,84	4*4	250*250	23
	180	2240-2630	0,85	4*4	250*250	23

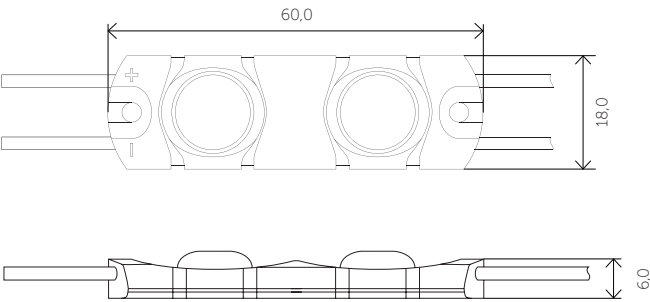


Note *:

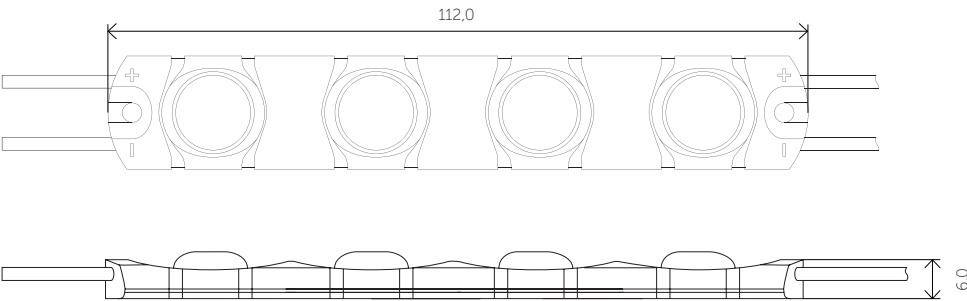
- 1. Distance "B" is measured center to center
- 2. All test was using a pure white reflective backplane and white light-box fabrics as example.
- 3. Performance can vary when products are used in different environment.

The reflectivity of back panel and transmissive characteristics of the front diffuser play vital role in the result.

VDL-MH-12-0602



VDL-MH-12-0903



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.

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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