vivalyte

SMART LED SOLUTIONS

BACKLIT

Backlit LED bars

VDL-SN5

Vivalyte's backlit solutions are suitable for slim lightboxes,starting from cm depth.
The high quality SMD 3030 LEDs bring high efficacy and ensure stable
and perfectly even light distribution on the image.

⚠ 24V

General specifications

Input voltage	24 VDC
Efficacy	110 lm/W
CRI	≥ 80 (90 optional)
IP class	IP60
Lifetime	> 50 000H L70
LED type	SMD 3030
Certificates	CE/RoHS/UL

Applications

- Interior design
- Retail and exhibitions
- Backlit banners
- Light ceilings & walls

Key features

Indoor use

High-quality SMD 3030

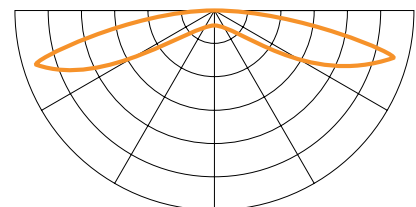**3 years warranty**

Dimmable

Easy connection and installation

Dimensions

Light distribution graph

Safety & operation instructions

- Requires proper installation by qualified people
- All connections must be made while disconnected from the main power
- For indoor installation environment only
- Operating temperature range: -20°C to 60°C
- Storage temperature range: -20°C to 70°C
- LED bars can be fixed with screws, clean surface required
- 24V DC finput: safe, low voltage loss & longer run
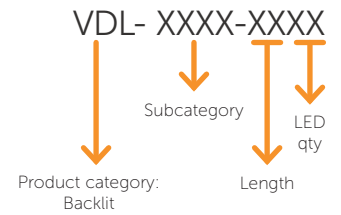
VDL- XXXX-XXXX

Subcategory

LED qty

Product category: Backlit

Length

Specifications

Article name	Length	LED (pcs)	Input voltage	Power	Light output	Max. in serial connection	Efficacy	Cuttable
VDL-SN5-1302	130 mm	2	24V (DC)	1.68W	184 lm	15	110 lm/W	100mm/2 Leds
VDL-SN5-3304	330 mm	4	24V (DC)	3.36W	368 lm	6	110 lm/W	100mm/2 Leds
VDL-SN5-4305	430 mm	5	24V (DC)	5.04W	550 lm	5	110 lm/W	100mm/2 Leds
VDL-SN5-5306	530 mm	6	24V (DC)	5.1W	560 lm	4	110 lm/W	100mm/2 Leds
VDL-SN5-9310	930 mm	10	24V (DC)	8.4W	950 lm	2	110 lm/W	100mm/2 Leds

Available color temperature

Other color options availabe on request

2700K 3000K 4000K 5500K 6500K 8000K 9000K

Instalations guidance

Thickness of the panel A (cm)	Bar to bar distance B (cm)	Illumination (lux)	Power density (W/ m²)
4	8	9350-12510	132
5	14	6140-7630	77
6	25	3760-5020	44
8	25	3520-4510	44
10	33	2720-3450	33
12	50	2020-2360	22

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.

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Backlit LED bars

VDL-SN4T

*Vivalyte's unique backlit solutions are suitable for **ultra-thin lightboxes**, 3-10 cm depth. The first quality SMD LEDs ring **high brightness** and ensure **stable and perfectly even light distribution**.*

24V
12V

General specifications

Input voltage	24VDC (12V optional)
Current	Constant voltage
Efficacy	90 lm/W
CRI	>80
Power consuption	5 or 10 W
IP class	IP60
Lifetime	30 000H L70
LED type	SMD 2835
Certificates	CE/RoHS/UL

Applications

- Interior design
- Retail & exhibition stand
- Banners
- Ceilings & walls

Key features
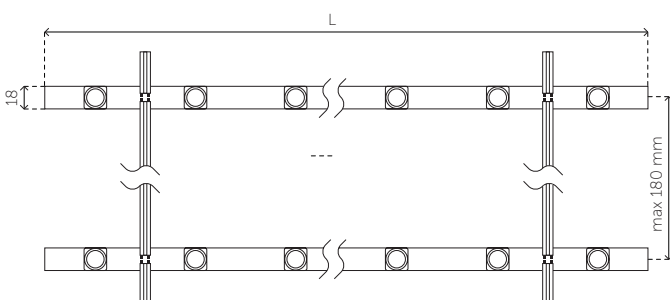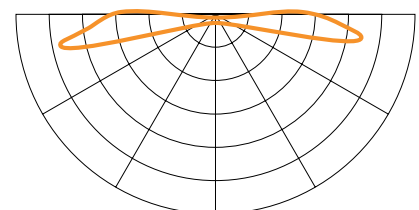
| Indoor use	High quality 2835LED	3 years **warranty**	Dimmable	Easy connection and installation

Dimensions

L

18

max 180 mm

Light distribution graph

Beam angle: 210° (50% energy)

Safety & operation instructions

- Requires proper installation by qualified people
- All connections must be made while disconnected from the main power
- Non-water-resistant product for indoor installation environment
- Operating temperature range: -25°C to 60°C
- Storage temperature range: -25°C to 60°C
- LED bars can be fixed with double-sided tape or screws, clean surface required
- 24V DC input: safe, low voltage loss & longer run. 12V DC optional
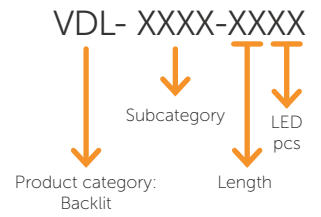
VDL- XXXX-XXXX

Product category: Backlit

Subcategory

Length

LED pcs

Specifications

Article name	Length	LED (pcs)	Input voltage	Power	Light output	Max. in serial connection	Efficacy
VDL-SN4T-9612	960mm	12	24V (DC)	10W	906lm	10	90 lm/W
VDL-SN4T-4806	480mm	6	24V (DC)	5W	453lm	10	90 lm/W

Available color temperature

Other color options availabe on request

3000K   4000K 4500K   6500K   8000K   9000K
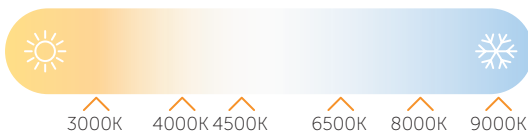
Curtain design
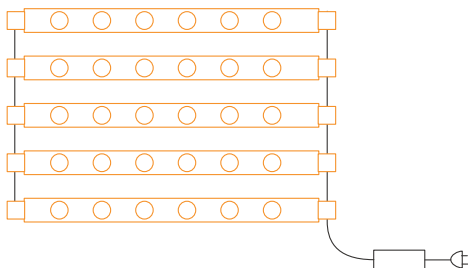
Recommended placement

Thickness of the panel **A**	Bar-to-bar distance **B**	Qty/m
3cm	10cm	9pcs
5cm	12cm	8pcs
8cm	18cm	5pcs
12cm	22cm	4pcs
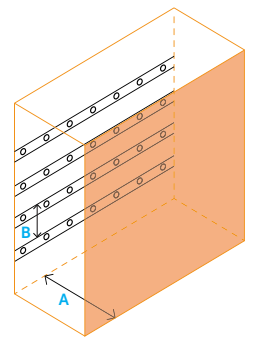
Note *:
1: Distance "B" is measured center to center
2: All test was using a pure white reflective backplane and white light-box fabrics as example.
3: Performance can vary when products are used in different environment. The reflectivity of back panel and transmissive characteristics of the front diffuser play vital role in the result.

CE   UL   RoHS

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Backlit waterproof LED bars

VDL-N3

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

General specifications

Input voltage	24 VDC
Current	Current regulated
Efficacy	115 lm/W
CRI	≥ 82
IP class	IP67
Lifetime	> 60 600H L70
LED type	3030 SMD
Certificates	CE/RoHS/UL

Applications

- Interior design
- Retail and exhibitions
- Outdoor banners
- Ceilings & walls

24V
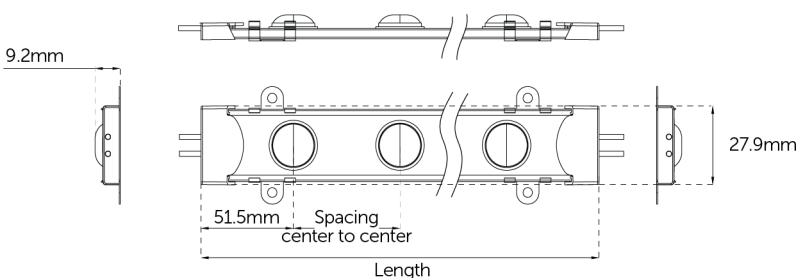
Key features

Outdoor use
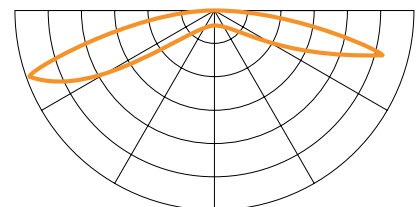
High-quality 3030 SMD

5 Years warranty

Dimmable

Easy connection and installation

Dimensions

9.2mm

51.5mm Spacing center to center

27.9mm

Length

Light distribution graph

Safety & operation instructions

- Requires proper installation by qualified people
- All connections must be made while disconnected from the main power
- Waterproof product for outdoor installation environment
- Operating temperature range: -25°C to 60°C
- Storage temperature range: -20°C to 70°C
- LED bars can be fixed with screws or silicone on clean surface
- 24V DC input: safe, low voltage loss & longer run

VDL- XXX-XX-XX

Subcategory

LED qty

Product category: Backlit
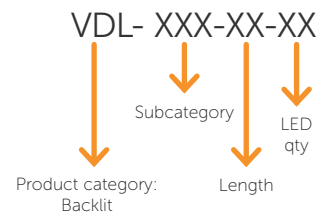
Length

Specifications

Article name	Length	LED (pcs)	Efficay (lm/W)	Power	Light output	Max. in serial connection	Warranty (Years)
VDL-N3-98-14	980 mm	14	112	6.3W	703 lm	5	5
VDL-N3-49-07	490 mm	7	118	3.1W	366 lm	10	5
VDL-N3E-98-14	980 mm	14	112	6.3W	703 lm	5	3
VDL-N3E-49-07	490 mm	7	118	3.1W	366 lm	10	3
VDL-N3HB-10-12	980 mm	12	79	14,4 W	1136 lm	5	5
VDL-N3HB-05-06	490 mm	6	81	7,2 W	586 lm	10	5
VDL-N3HB-03-03	255 mm	3	80	3,6 W	289 lm	10	5

Available color temperature
Other color options availabe on request

2700K   4000K   5500K   6500K
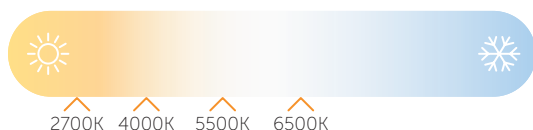
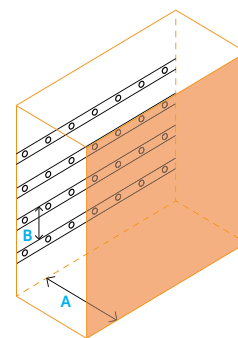### Master cable   or   Curtain design
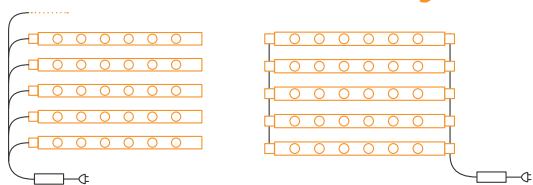
Vivaclip

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

Recommended dimensions

Thickness of the panel A	Bar to bar distance B	Qty/m²
5cm	10 cm	10 pcs
7 cm	10 cm	10 pcs
8 cm	11 cm	9 pcs
10 cm	13 cm	8 pcs

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.
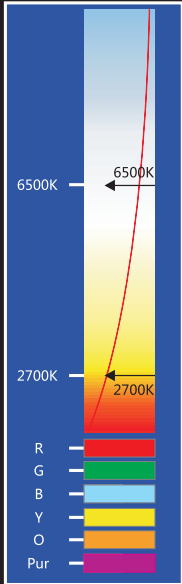
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LED makes the difference

$\mathsf{C}\,\mathsf{E}$

2835	24V	170°	IP20	3Years

Features

1. Adopt high quality 2835 LED
2. Self-designed secondary lens with 170°beam angle for uniform light
3. Aluminum PCB for direct and quick heat dissipation
4. Curtain style, easy mounting.
5. Two lengths for option, customization available.
6. lighting evenness of light box surface up to 0.9
7. Achieve light effect change by external controller

Lighting Mode

Application

Suitable for back-lit lightbox with depth of 6-18cm.

Installation

Fix by screws or adhesive tape

Specification

Model No.	Light Color	Color Temperature(K)	Beam Angle	CRI	Typical Luminous Flux value(lm/pcs)	Efficacy (lm/W)	Voltage (V DC)	Power (W/pcs)
VDL-SN4-DW-62016	W	6500	170°	70+	691	90	24V	8
	N	2700			707	92		
VDL-SN4-DW-77020	W	6500	170°	70+	864	90	24V	10
	N	2700			883	92		

Other Parameters

Model No.	LED Quantity/pc	Product Size L*W*H(mm)	Standard Packing Quantity (pcs/string)	Working Temperature	Storage Temperature
VDL-SN4-DW-62016	16	620*20*7.1	10	-20~+60℃	-20~+70℃
VDL-SN4-DW-77020	20	770*20*7.1			

NOTE:

1.Test environment temperature : 25±2°C.

2.The above data is typical values. The actual data of each single product may differ from the typical values. The data is subject to change without notice.

3.Luminous flux above is tested with single-color light on at 8000-9000K.

4.Different color temperature will make luminous flux different.

5.The Luminous flux&power tolerance within ±10%.
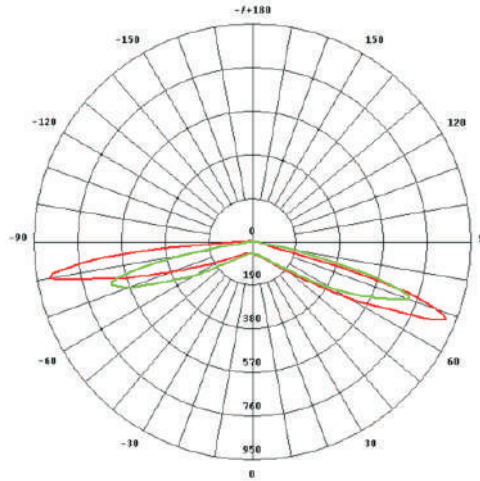
Profile Drawings

Unit:mm[inch]
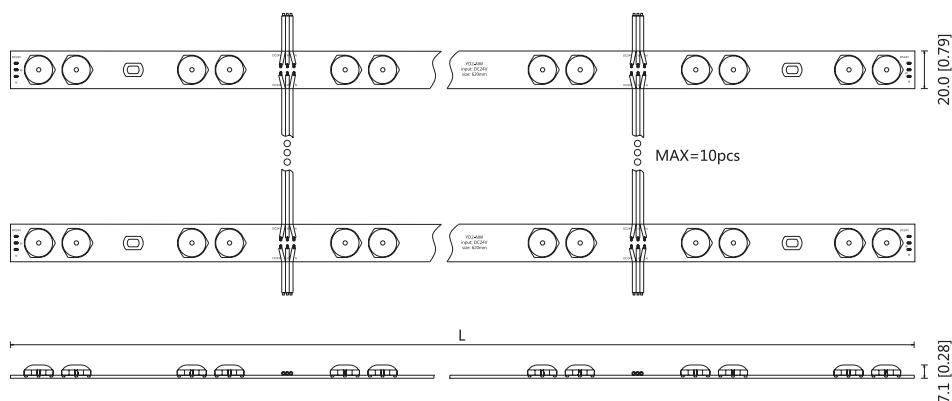
Note: For detailed drawing, please consult sales rep.
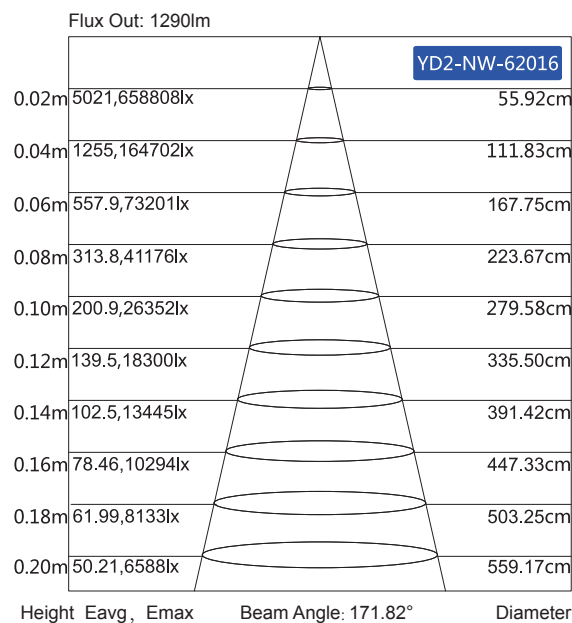
Luminous Intensity Distribution Diagram

YD2-NW-62016

Unit：cd
C0 /180,184.1°
AVERAGE BEAM ANGLE(50%): 177.3°　　C90/270,170.6°

Average Illumination

Flux Out: 1290lm

YD2-NW-62016

Height	Eavg，Emax	Beam Angle: 171.82°	Diameter
0.02m	5021,658808lx		55.92cm
0.04m	1255,164702lx		111.83cm
0.06m	557.9,73201lx		167.75cm
0.08m	313.8,41176lx		223.67cm
0.10m	200.9,26352lx		279.58cm
0.12m	139.5,18300lx		335.50cm
0.14m	102.5,13445lx		391.42cm
0.16m	78.46,10294lx		447.33cm
0.18m	61.99,8133lx		503.25cm
0.20m	50.21,6588lx		559.17cm

Note: The above two igures are tested with the sample VDL-SN4-DW-62016 at N=2700K/W=6500K,
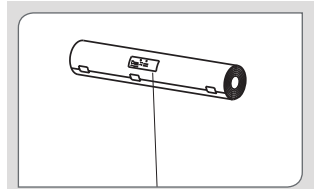for other data,please consult sales rep.
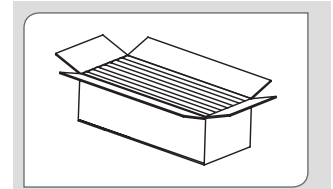
packing
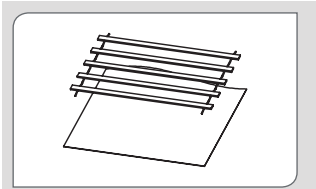
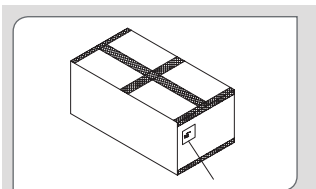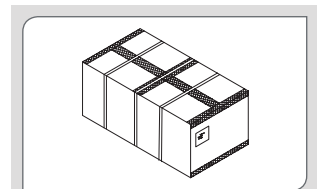Roll the product with EPE foam.
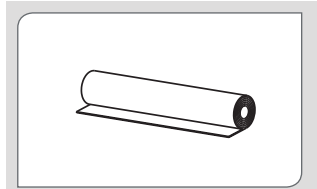
Seal the reel.

Label the reel.

Put the product neatly into carton box.

Seal and label the box.

Use packing belt to pack. Add edge protectors if necessary.

Packaging information

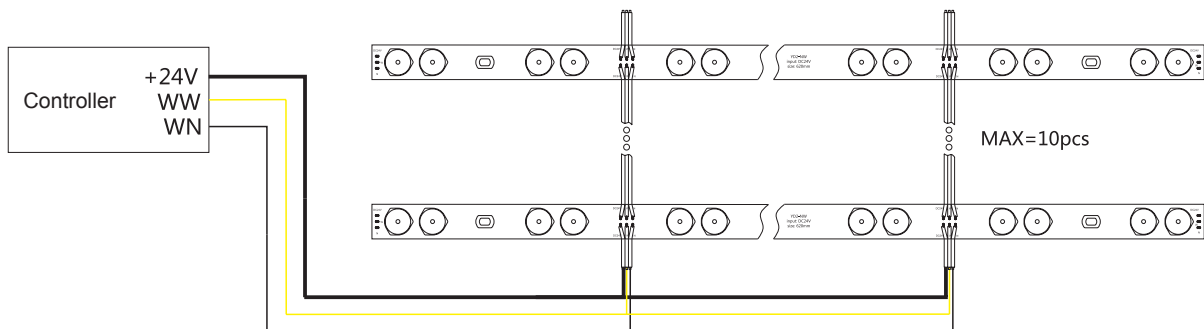| Model No.	Product Size L*W*H(mm)	Carton Size(mm)	Pcs/Carton	Net Weight(kg)	Gross Weight(kg)
VDL-SN4-DW-62016	620*20*7.1	685*295*275	150	12.65(1±10%)	13.95(1±10%)
VDL-SN4-DW-77020	770*20*7.1	825*295*275	150	15.25(1±10%)	16.55(1±10%)

Note:

Packaging material: EPE foam and 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.

VIVALYTE BVBA

Tel.:+32 56 42 65 35
Mail:info@vivalyte.com Web:www.vivalyte.com
Add.:Kouterstraat 6,Wevelgem,B-8560,Belgium VAT:BE500611159   Page 4 / 7

Installation

1.Connection Diagram

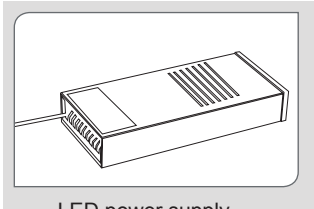Controller +24V WW WN

MAX=10pcs

2.Installation Reference

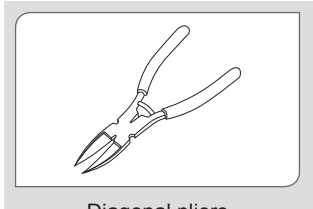| Model No.	Surface Material	Depth H(cm)	Illumination (Lux)	Evenness	Density (pcs/ m²)	Bar Spacing Y(cm)	Power Density (W/m²)	Visual effects
VDL-SN4-DW -77020	White Soft Film	6	12340-14520	0.85	7	14	134	OK
		8	9950-11850	0.84	6	16	115	OK
		10	7650-9220	0.83	5	20	96	OK
		12	7090-8250	0.86	5	20	96	OK
		15	6210-7050	0.88	5	20	96	OK
		18	5320-5890	0.90	5	20	96	OK

Note:

■ Light box type: single face light box
■ Light box bottom: Reflective coating
■ Spacing, see left
■ The data of above form is tested with the sample VDL-SN4-DW-77020 at N&W two lights normal on,for other data,please consult sales rep.
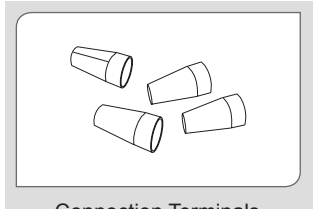
VIVALYTE BVBA

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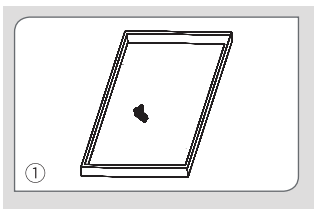### 3.Products and Tools

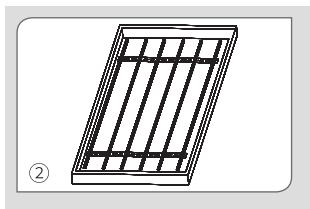LED power supply   Diagonal pliers   Connection Terminals
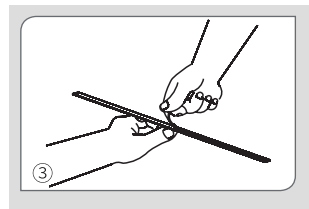
4.Installation Methods and Steps
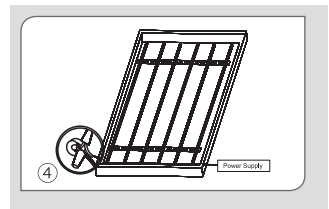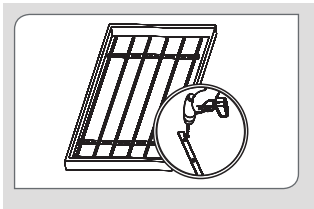
Method one: fix by double-sided foam tape and screws

1. Clean the mounting surface.

2. Arrange the mounting space.

3. Peel away the self adhesive tape on the rear of product and evenly mounting the product with appropriate space.

4. For bare wire connection, please use terminals.
   Treat the thread with insulation,waterproof, and anti-corrosion arrangement as it cannot pull out by hands.

5. Check and ensure correct installation, and fix the product with screws ,then power on for self-test.

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

Attentions before installation

● 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.
● Please take and use the product gently to avoid damage.

Common Faults and Troubleshoot

Quick Guide		
Problems	Reasons	Solutions
All LEDs can not light on.	No electric supply.	Power on
	Automatic power protection from the open or short circuit in output of the power supply.	Fix the short circuit problem.
	Wrong connection of power supply.	
LEDs can not light on partly.	Some switching mode power supplies are not powered.	Check the power supply system to fix it.
	Power supply line error.	
	Mistaken wire connection of some of products	Correctly connection
Brightness of LED is inconsistent tor insufficient.	Power overloaded.	Replace with more powerful power
	Power supply circuit excessive consumption.	Make sure the working voltage of the product within ±5% of standard voltage, or keep balance by circuit power consumption.
	Excessive quantities in series connection of the product	Reduce the quantities of the product in series connection to meet requirement.
LED flicker.	Connection point fault.	Remove bad connection point.
	Switching power supply failure.	Replace a new power supply.
	Wrong Installation or use of products	Please follow the instructions

⚠ 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.
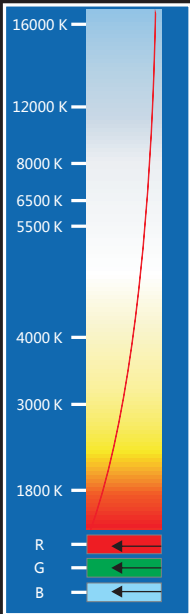
Statements and Recycling

Statements:

Repair should be operated by a qualified technician, if the external circuit or main line of this product is damaged.
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.

Recycling:

LED lighting products belongs to electronic products, please do recycling treatment according to the relevant WEEE directives.

LM-80 | 2830 | IP20 | 3years | 170° | DC 24V

16000 K
12000 K
8000 K
6500 K
5500 K
4000 K
3000 K
1800 K
R
G
B

Features

● Adopt RGB in one 2830 LED
● Good color-mixing effect and stability
● Special lens with 170° beam angle, suitable for thin light box
● Create rich color changing effect via controller
● Adopt standard terminals for easy usage

Application

● Suitable for RGB lightbox with thickness above 7cm etc.

Installation

● Prefix with self adhesive tape and fix with screws

Optical & Electrical Parameters

Model No.	Light Color	Color Temperature/ Wavelength(nm/k)	Beam Angle	Ra	Typical Luminous Flux(lm/pcs)	Efficacy (lm/w)	Voltage (DC V)	Power (W/pcs)
VDL-SN- RGB3in1-48-6	R	620	170°	--	48	30. 0	24	1.92
	G	540			77	48. 2		1.92
	B	470			25	15. 7		1.92
	RGB*	100000			142	29. 6		5.76

Other Parameters

Model No.	LED Quantity (pcs)	Product Size L*W*H(mm)	Standard Series Connection (pcs)	Max Run (pcs)	Working Temperature	Storage Temperature
VDL-SN- RGB3in1-48-6	6	480*25*7.3	3	3	-20~+60℃	-20~+70℃

Note:

- Test environment temperature : 25±2°C.
- The above data is typical values. The actual data of each single product may differ from the typical values. The data is subject to change without notice.
- The luminous flux is tested with single light on.
- Different color temperature will make luminous flux different.
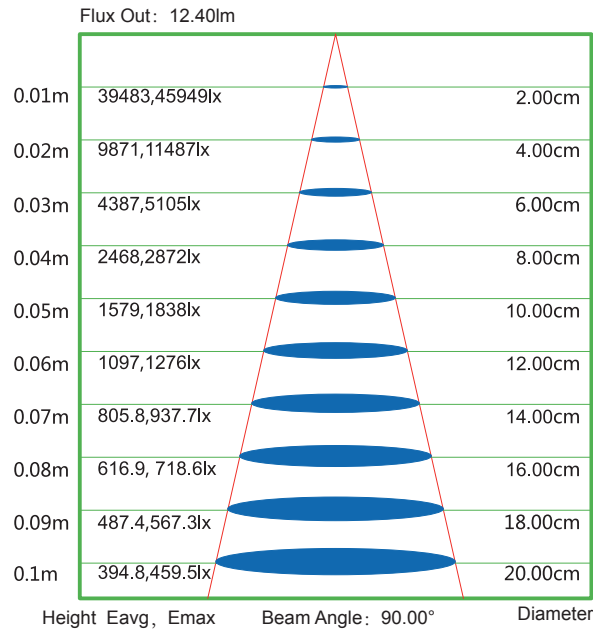- The data of RGB is tested with RGB three lights on.

Profile Drawings

Unit:mm
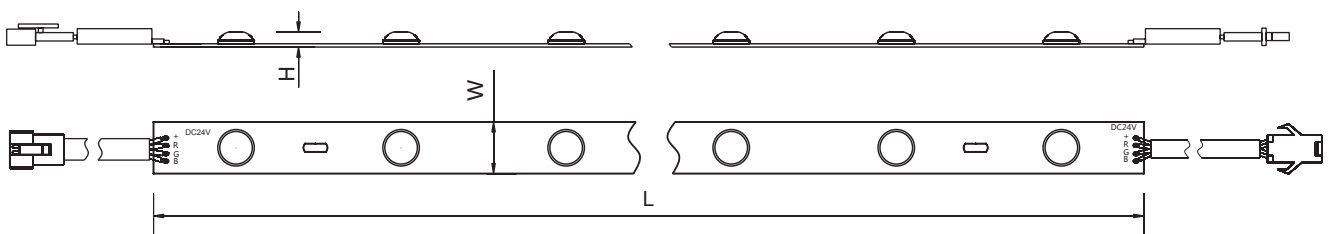
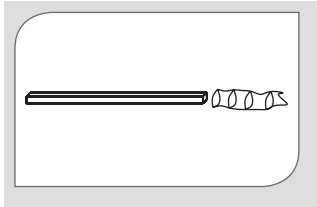**Note**:Please ask the sales for detail drawing

Luminous Intensity Distribution Diagram

Unit：cd
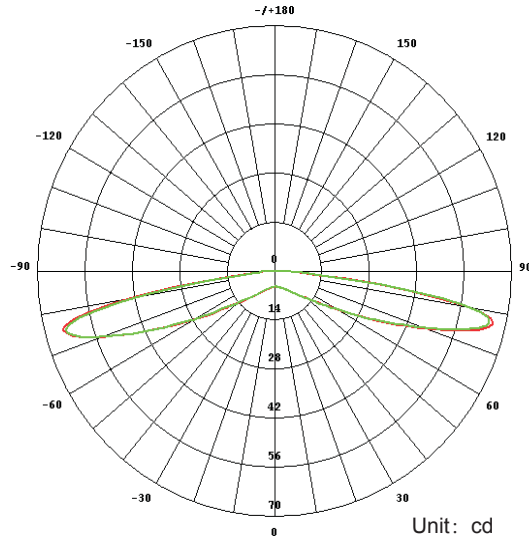
—— C0/180,187.7°
—— C90/270,187.6°

AVERAGE BEAM ANGLE(50%)：187.7°

Average Illumination

Flux Out：12.40lm

Height	Eavg，Emax		Diameter
0.01m	39483,45949lx		2.00cm
0.02m	9871,11487lx		4.00cm
0.03m	4387,5105lx		6.00cm
0.04m	2468,2872lx		8.00cm
0.05m	1579,1838lx		10.00cm
0.06m	1097,1276lx		12.00cm
0.07m	805.8,937.7lx		14.00cm
0.08m	616.9, 718.6lx		16.00cm
0.09m	487.4,567.3lx		18.00cm
0.1m	394.8,459.5lx		20.00cm

Beam Angle：90.00°

Average Illumination(with RGB light on)

Packaging Information

Put the product into PE bag.
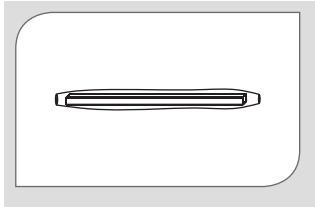
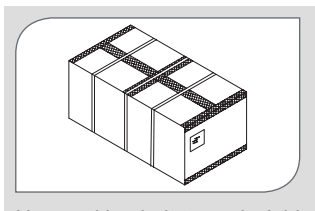Seal the bag in two ends and label it.
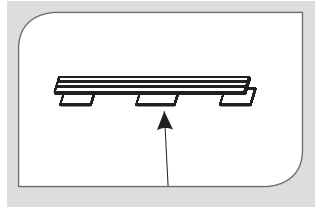
Separate the product layer by layer with foam.
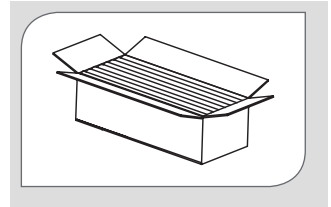
Put the product and accessories bag into carton box.
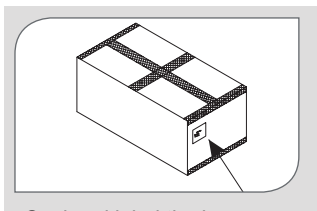
Seal and label the box.

Use packing belt to pack. Add edge protectors if necessary.

Packaging information

Model No.	Product Size(mm)	Carton Size(mm)	Total Quantity(pcs)	Net Weight(kg)	Gross Weight(kg)
VDL-SN-RGB3in1-48-6	480*25*7.3	550*400*340	216	15.34(1±10%)	16.65(1±10%)

Note:
● Shipping materials: PE bags and 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.

Installation

1.Connection Diagram

MAX=3PCS

MAX=3PCS

MAX=3PCS

24V
LED Power
Supply

+
−

AC220V/50HZ

R
G Controller −
B   +
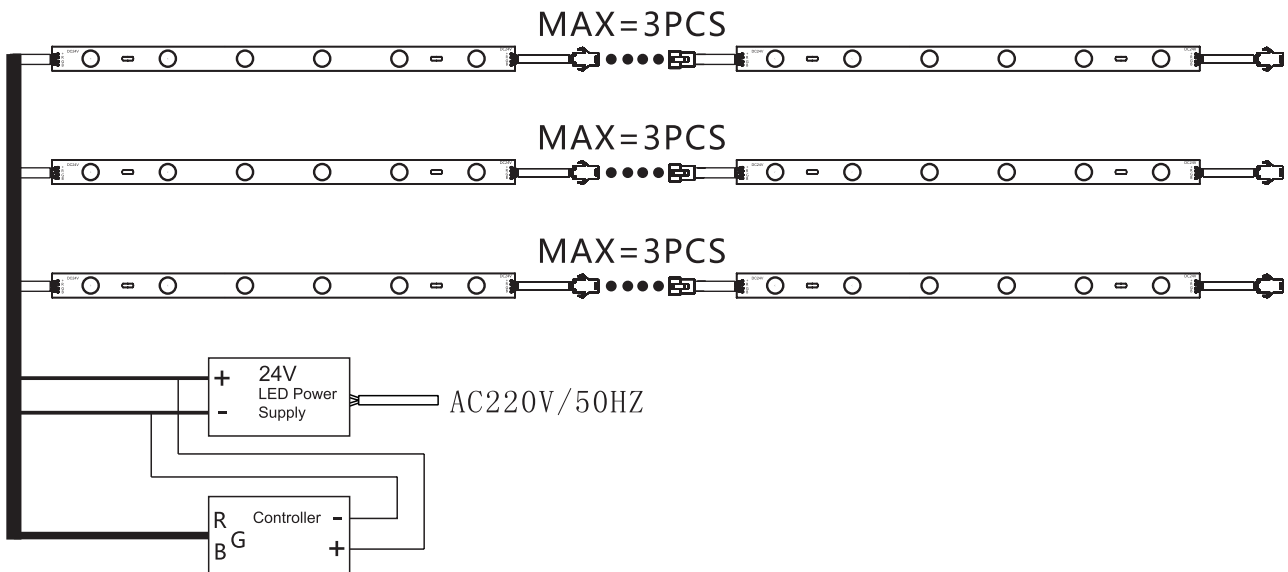
2.Installation Reference

Model No	Bottom Color of Light Box	Surface Material	Thickness H(cm)	Brightness (cd/ ㎡)	Density (pcs/ ㎡)	Spacing Y(cm)	Visual effects
VDL-SN-RGB3in1-48-6	White	White Soft Film	7	255	24	8	OK
			8	231			
			9	210			
			10	190			

Note:
- The colored light is tested with brightness(cd/m), and here is the data with RGB three lights normally on.
- BQ5-A is 0.5m per bar, please pay attention to the installation density.
- Spacing, see upper left;
- Please ask the sales for data of other depth or colors.

2.Accessories & Tools

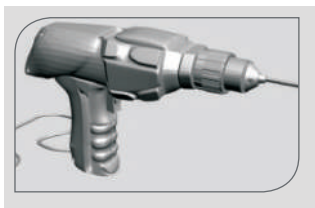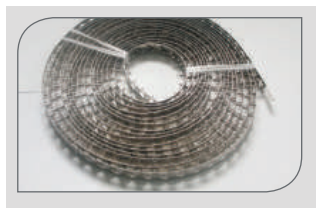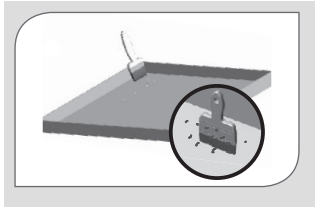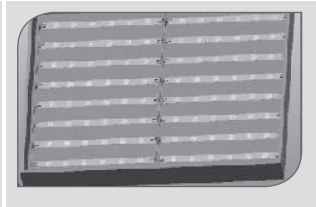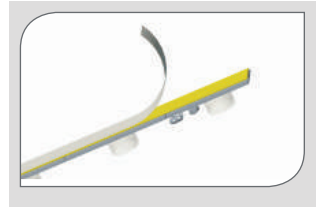|			
LED power supply	Tools:Diagonal pliers	Mounting gaskets	M3 Self-tapping screw
Electric batch and electric drill	Clip bar	Connection terminal	
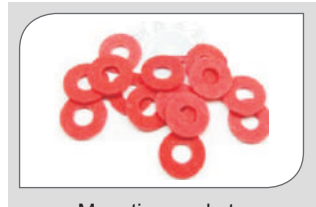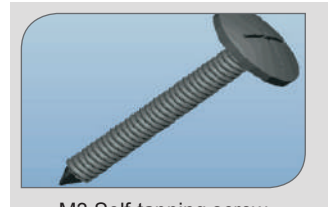
3.Installation steps

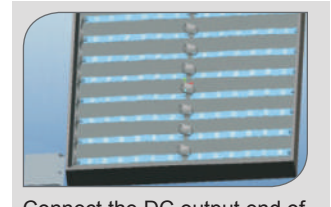### 1.Method one: fix by double-sided foam tape and screws
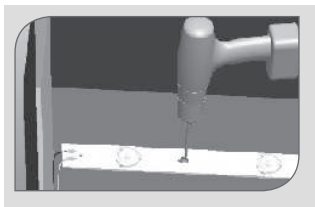
Clean the mounting surface.

Arrange the mounting space.

Peel away the self adhesive tape on the rear of product and evenly mounting the product with appropriate space.

Connect the DC output end of power supply with product and connect the controller.
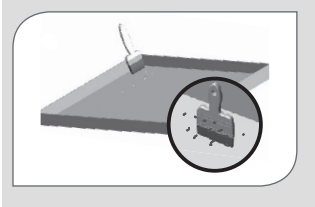Treat the thread with insulation,waterproof, and anti-corrosion arrangement as it cannot pull out by hands.

Check and ensure correct installation, and fix the product with screws ,then power on for self-test.
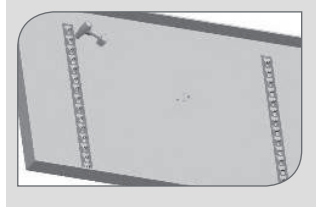
Note:
- Screw to avoid welding plate, avoiding short circuit
- When fastening the screw, make sure to add plastic gaskets to insulate the screw from the LED panel.
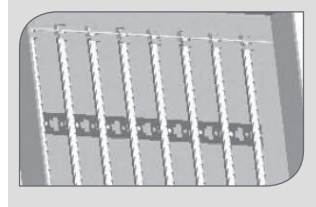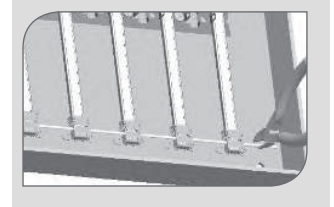
2.Method two: fix by clip bar
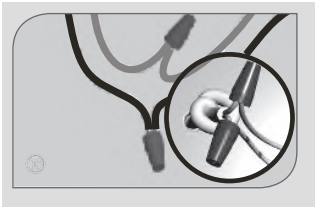
Clean the mounting surface.

Evenly mounting the clip bars with appropriate space and fix with screws.
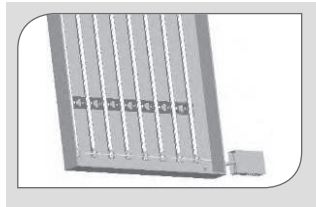
Fix the product one by one with clips on the bar.

Cut off the excess rigid bar.

Note: Cut in the middle of the wire.

Please fix by at least two terminals if the product need to be connected, and treat the thread with insulation,waterproof, and anti-corrosion arrangement as it cannot pull out by hands.

Install the power supply and treat the thread.

Note: make sure the metal clip bar without reach any live part to avoid short circuit.

Attentions

- Before installation, check that the product parameters are consistent with the requirements (Seeing product specificationsor 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 led module 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.

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Common Faults and Troubleshoot

Quick Guide		
Problems	Reasons	Solutions
All LEDs can not light on.	No electric supply.	Fix the short circuit problem.
	Automatic power protection from the open or short circuit in output of the power supply.	Fix the short circuit problem.
	Wrong connection of power supply.	
LEDs can not light on partly.	Some switching mode power supplies are not powered.	Check the power supply system to fix it.
	Power supply line error.	
	Mistaken wire connection of some of products	Correctly connection
Brightness of LED is inconsistent tor insufficient.	Power overloaded.	Replace with more powerful power
	Power supply circuit excessive consumption.	Make sure the working voltage of the product within ±5% of standard voltage, or keep balance by circuit power consumption.
	Excessive quantities in series connection of the product	Reduce the quantities of the product in series connection to meet requirement.
LED flicker.	Connection point fault.	Remove bad connection point.
	Switching power supply failure.	Replace a new power supply.
	Wrong Installation or use of products	Please follow the instructions

⚠ 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

Statements:

Repair should be operated by a qualified technician, if the external circuit or main line of this product is damaged.
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.

Recycling:

LED lighting products belongs to electronic products, please do recycling treatment according to the relevant WEEE directives.

Backlit RGB full color LED bars

VDL-SN-RGB

Vivalyte backlit RGB full color solutions are a perfect fit for rich color rendered lighboxes or backlit illuminated surfaces, where the perfect homogeneity would play a vital role on the vivid visual experiences.
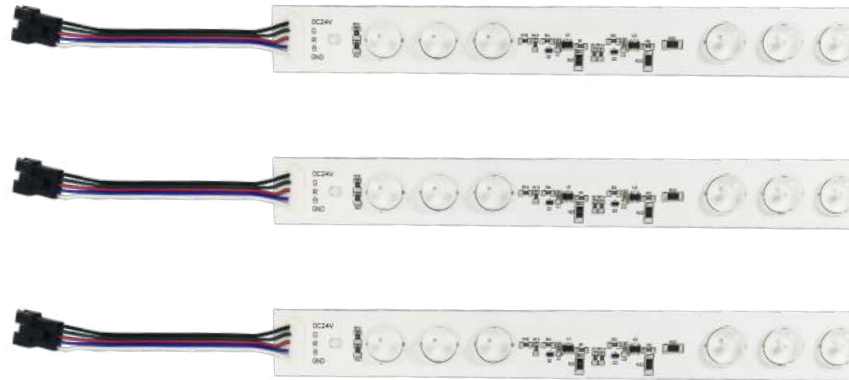
24V

General specifications

Input voltage	24 VDC
Current	constant current regulated
Power consuption	< 12 W
IP class	IP20
LED type	Osram RGB LED
Certificates	CE/RoHS/UL

Applications

- Interior design
- Retail and exhibitions
- Large ceilings & walls

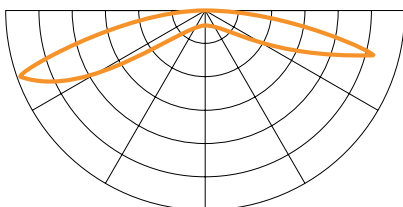## Key features

| Indoor use	RGB full color	5 Years warranty	Dimmable	Easy connection and installation

Light distribution graph

Beam angle 170°

Safety & operation instructions

- Requires proper installation by qualified people
- All connections must be made while disconnected from the main power
- Non-water-resistant product for indoor installation environment
- Operating temperature range: 25°C to 60°C
- Storage temperature range: -25°C to 70°C
- LED bars can be fixed with screws or silicone on a clean surface
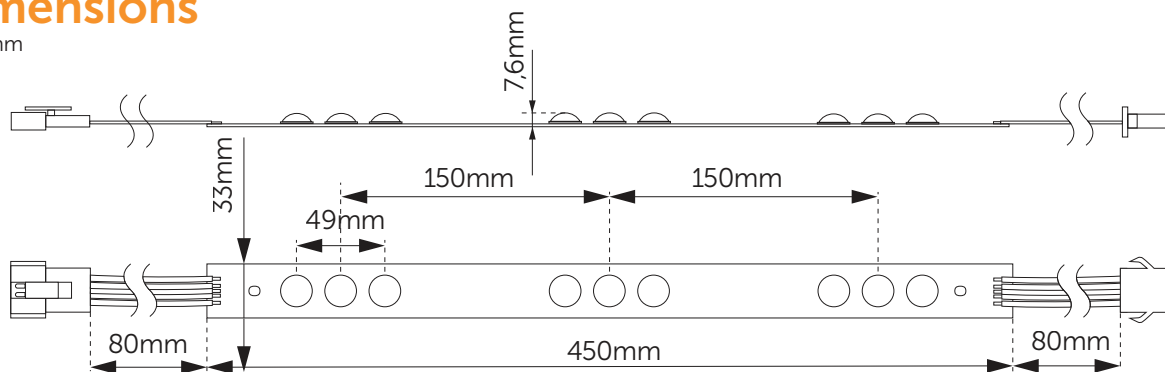- 24 V DC input: safe, stable & reliable.

VDL-XX-XXX-XX-XX

Product category | Subcategory | length | LED qty
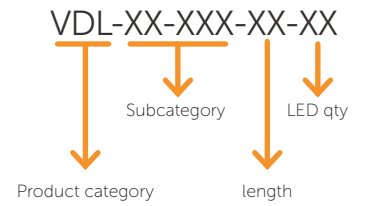
Specifications

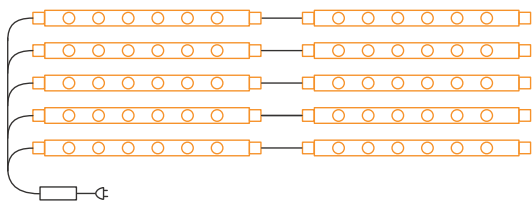| Article name	Length	Wave length (nm)	Input voltage	Power (W/pcs)	Max. in serial connection
VDL-SN-RGB-45-09	450 mm	R 620 G 540 B 450	24 V DC	< 12	8 pcs

Dimensions
unit: mm

7,6mm
33mm
49mm
150mm
150mm
80mm
450mm
80mm

5-Pin connection cable

The VDL-RGB backlit bars are interconnected with 5-pin connectors. Additional extension cables are available in 50cm and 150cm.

vivalyte
LED makes the difference