Backlit LED bars
VDL-SN4W

Vivalyte's backlit solutions are suitable for slim lightboxes, 5-12cm depth. The high quality SMD 2835 LEDs bring high brightness and ensure stable and perfectly even light distribution on the image.

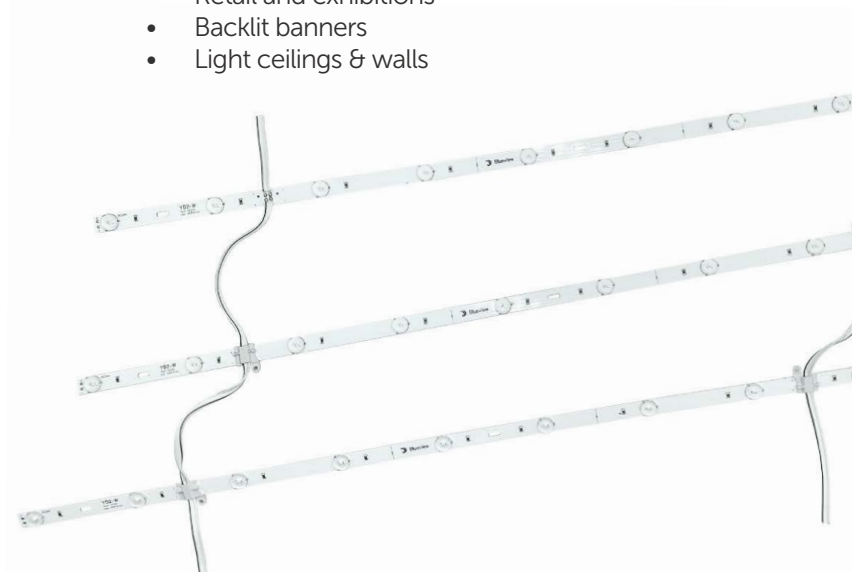## General specifications

Input voltage	24 VDC
Efficacy	90 lm/W
CRI	$\geq$ 82
IP class	IP60
Lifetime	> 30 000H L70
LED type	SMD 2835
Certificates	CE/RoHS/UL

Applications

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

24V

Key features
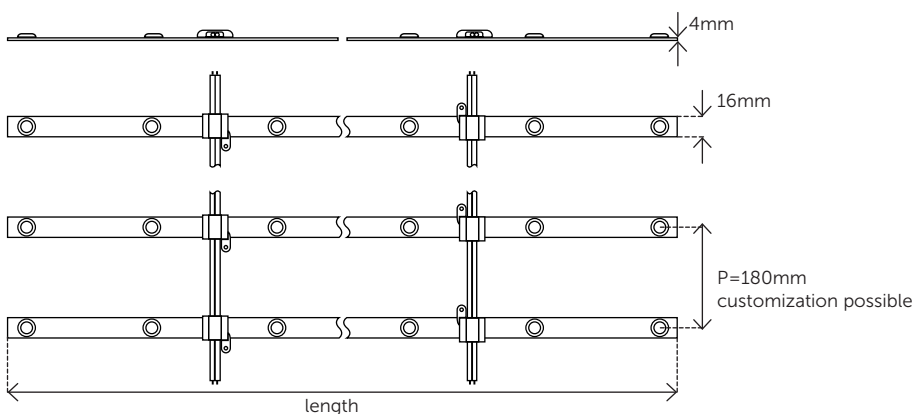
Indoor use

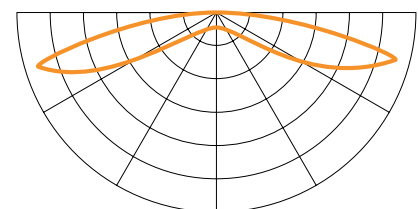**High-quality 2835 LED**

3 years warranty

Dimmable

Easy connection and installation

Dimensions

4mm

16mm

P=180mm
customization possible

length

Light distribution graph

Safety & operation instructions

VDL- XXXX-XXXX

- 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 input: safe, low voltage loss & longer run

Product category: Backlit
Subcategory
Length
LED qty
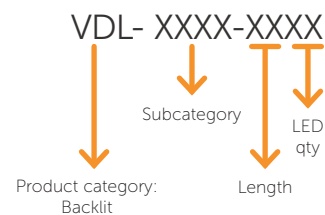
Specifications

Article name	Length	LED (pcs)	Input voltage	Power	Light output	Max. in serial connection	Efficacy
VDL-SN4W-4305	430 mm	5	24V (DC)	4.8W	432 lm	10	90 lm/W
VDL-SN4W-9310	930 mm	10	24V (DC)	9.6W	864 lm	10	90 lm/W

Available color temperature
Other color options availabe on request

2700K   6500K   8000K 9000K

Recommended dimensions

Thickness of the panel **A**	Bar to bar distance **B**	Qty/m²
5cm	11 cm	8 pcs
8 cm	11 cm	8 pcs
10 cm	13 cm	7 pcs
12 cm	15 cm	6 pcs
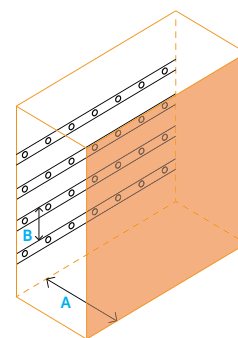
Note *:
1: Distance "B" is measured center to center
2: All test was using a pure white reflective backplane and white light-box fabrics as example.
3: Performance can vary when products are used in different environment. The reflectivity of back panel and transmissive characteristics of the front diffuser play vital role in the result.

vivalyte
LED makes the difference