

# 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.*

VDL-SN5

## 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



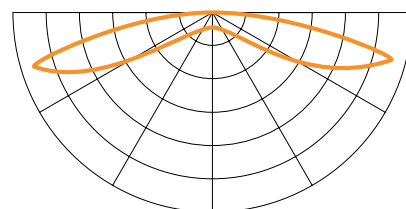
Dimmable



Easy connection  
and installation

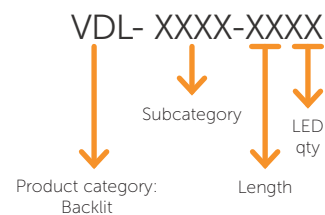
## Dimensions

## 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



## 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

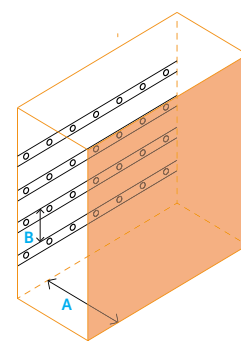
### Available color temperature

Other color options available on request



### Installations guidance

Thickness of the panel (cm) A	Bar to bar distance (cm) B	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.

**vivaly**te  
LED makes the difference

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September 2021

The information and data given are typical for the equipment described. However, any individual item is subject to change without prior notification

