

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.

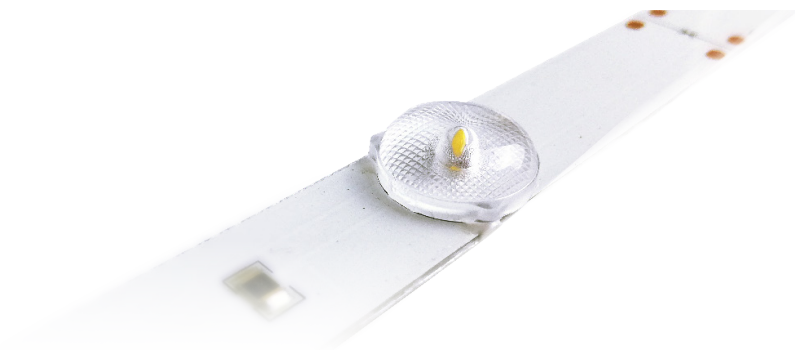
VDL-SN5

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



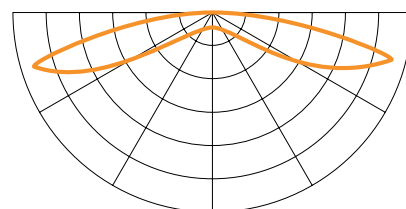
Dimmable



Easy connection
and installation

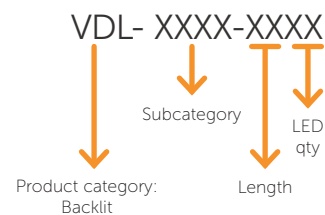
Dimensions

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	10	110 lm/W	100mm/2 Leds
VDL-SN5-3304	330 mm	4	24V (DC)	3.36W	368 lm	10	110 lm/W	100mm/2 Leds
VDL-SN5-4305	430 mm	5	24V (DC)	5.04W	550 lm	10	110 lm/W	100mm/2 Leds
VDL-SN5-5306	530 mm	6	24V (DC)	5.1W	560 lm	10	110 lm/W	100mm/2 Leds
VDL-SN5-9310	930 mm	10	24V (DC)	8.4W	950 lm	10	110 lm/W	100mm/2 Leds

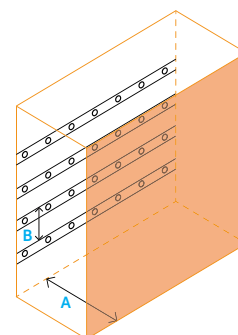
Available color temperature

Other color options available on request



Recommended dimensions

Thickness of the panel A	Bar to bar distance B	Qty/m²
5 cm	10-15 cm	



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

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

