

# VL light bar

Machine builder and plant manufacturer can focus on the application – VELTRU offers the robots and additional technology required for system integration in Pick-and-Place.

- 24VDC – integrated current controller
- Dimmable 0-10V or 4...20mA, can be used as low current switch
- Flicker free, also if dimmed
- Standard 4-pol M8 connector
- Pivotal mounting clips included

## Options:

- 250 and 550 standard lengths
- Optionally available from 245mm, in increments of 35mm
- Contact VELTRU for other requests

The VELTRU VL Vision Lighting product range is intended to offer simple, robust general machine vision illumination. The VL light bars are intended for the homogenous illumination of the FOV of Matrix cameras, but can also be used as top view or through belt illumination for line scan cameras.

The VL light bars are also suitable as electrical cabinet or general machine illumination.

Standard industrial interfaces simplify the integration into your system. The high density packaging of the LED's supports maximum homogeneity. The housing ensures optimal cooling.

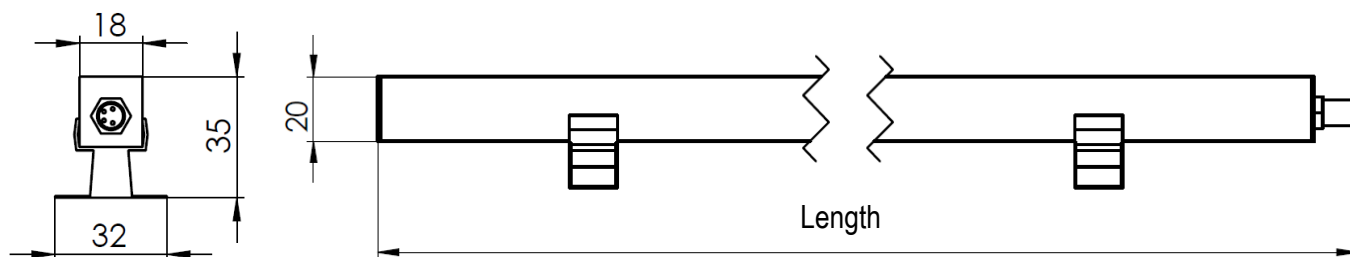


While the VELTRU VL product range can be used stand alone or be combined with any machine vision system, it has been designed to match the V10 product range based on Matrox DA Design Assistant, a flow chart based programming tool. The V10 offers full operating integration into the VELTRU Controls.

Contact VELTRU for further product information, including Pick-and-Place source code Application Templates and multi robot systems with logistics concepts and product flow control.

## Technical data – VELTRU VL light bar

Type	VL25	VL55
Length	266mm	566mm
Supply Voltage	24V (22..28V)	
Dimming Voltage	1V -10 V (max. 28V Permanent)	
Dimming Current	4mA -20mA (max 15V Permanent / 28V Short-term) Load = 500Ohm	
Power	7W	18W
Current	270mA	700mA
Weight	200g	420g
IP Code	IP40	
Color temperature	5000K	
Operating temperature	-20°C - 50°C	
LED beam angle	120°	
light	630 lumen	1600 lumen
Homogenous beam angle	35° homogeneity of 15%	



All specifications are subject to changes without notice.

# VELTRU

VELTRU AG  
Flurlingerweg 3  
CH - 8245 Feuerthalen

Tel: +41 (0)52 654 03 80  
Fax: +41 (0)52 654 03 81

info@veltru.com - www.veltru.com