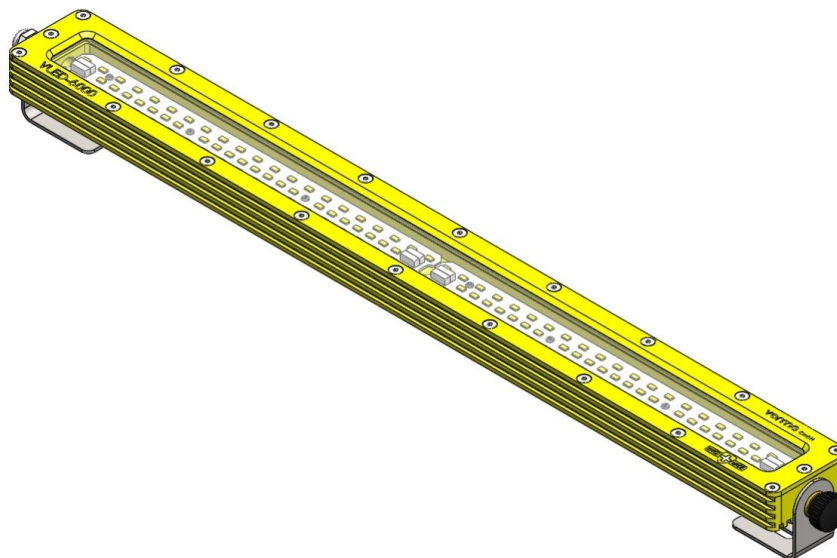


VLED 6000 24V Machine light – Installation instructions



Please take note of the installation and cable instructions before use.

VLED-6000 (Direct operation at 24VDC)

The machine lights should only be operated using a tested power pack of protection.

Technical details of machine lighting

Areas of application	Indoor lighting, tool machines, industry, etc.
Operating voltage	24 VDC +/- 5%
Output	Type 30 W
Light colour	Available in 5000K, 6500K (others available on request)
Luminous flux	Type 4100 Lumens (S4)
Angle of radiation	120°
Connector cable	2 x 0.75 mm ² , L= approx. 2000 mm (standard)
Protection	IP68
Weight in kg	~ 2 kg (Bracket version)
Protective glass	ESG hardened float glass, 4mm, clear or opal glass.
Casing	Anodised aluminium
Ambient temperature ta-min	- 25 °C
Ambient temperature ta-max	+ 50 °C
Storage temperature:	- 40 to 80 °C
Accreditations:	CE certifications

(Direct connection to the mains voltage will destroy the lights!)

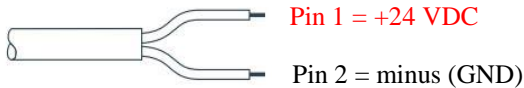
VLED-6000 (Operation via power pack accessory LPF-40-24)

Areas of application	Indoor lighting, tool machines, industry etc.
Input voltage of power pack	100VAC – 230VAC, 50-60Hz
Max. Power consumption	40 W
Output voltage of power pack	24VDC
Protection category of power pack	II with SELV certification

Installation instructions

- Secure the lamps in place to ensure they remain as stable as possible.
- Poor installation of LED lights can significantly affect the lifespan due to the result in material damage or injury to persons.
- The lights should only be fitted using the manufacturer's own fixing materials.
- Avoid direct sunlight.
- Operation in excess of 50°C shortens the lifespan of the LEDs.

Cable connection



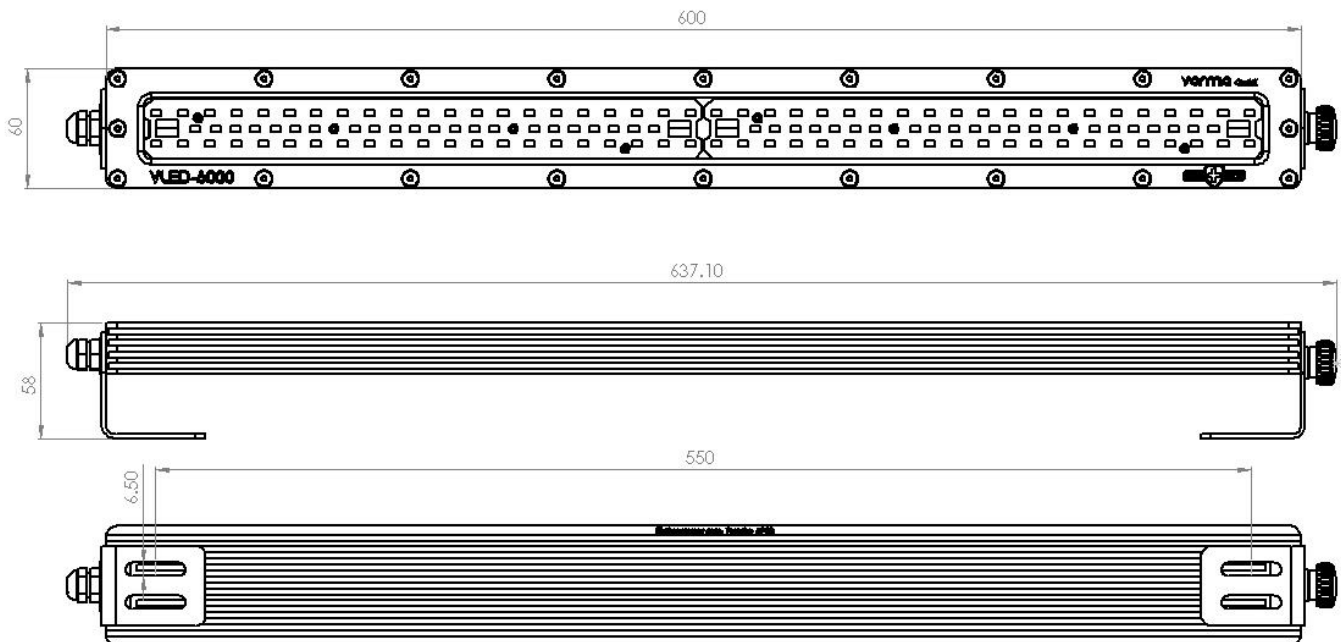
- Installation should only be carried out by **authorised personnel**.
- Only connect to **24VDC** (direct connection to the mains voltage will destroy the lights).
- Check the mains voltage to ensure that this corresponds to the nominal voltage.
- Check the polarity (incorrect connection can damage the lights)
- Keep the power supply line as short as possible.
- The cable screws should not be opened, otherwise the warranty/guarantee is rendered invalid.

Hazard information



- Installation of the power pack should adhere to the operating instructions, local rules and regulations.
- Do not stare at the LEDs at close range.

Dimensions with mounting bracket:



Dimensions with built-in version on request

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