

VEX-FLEXI-LIGHT

VEXICA

PROJECT

TYPE

QUANTITY

LOCATION



Luminaire:

Materials: PU housing and PMMA optical lenses

Finish: White PU Resin

Profile Dimensions: 23.7x13.25mm

Lengths: up to 2089mm

Accessories: Sprung Steel Fixing Clip option

Formats: 2700, 3000, 3500, 4000

Lens: PMMA Optic

Cable Entry: End exit

Binning: CREE Z BIN

Standard: LM79 and LM80

Storage Temp in Deg C: Ts min -30 to Ts max 85

Flexi-Light is a PU encapsulated LED flexible strip light with a cross section of 23.7x13.25mm and allows for bending in the top & side direction. The luminaire is designed to be clipped in place with stainless steel fixing clips (upto 6 per M). Can be supplied in up to 2089mm. It is provided with IP67 plug in male/female connectors (2089mm unit only has one connector).

Product can be dimmed via remote LED drivers.

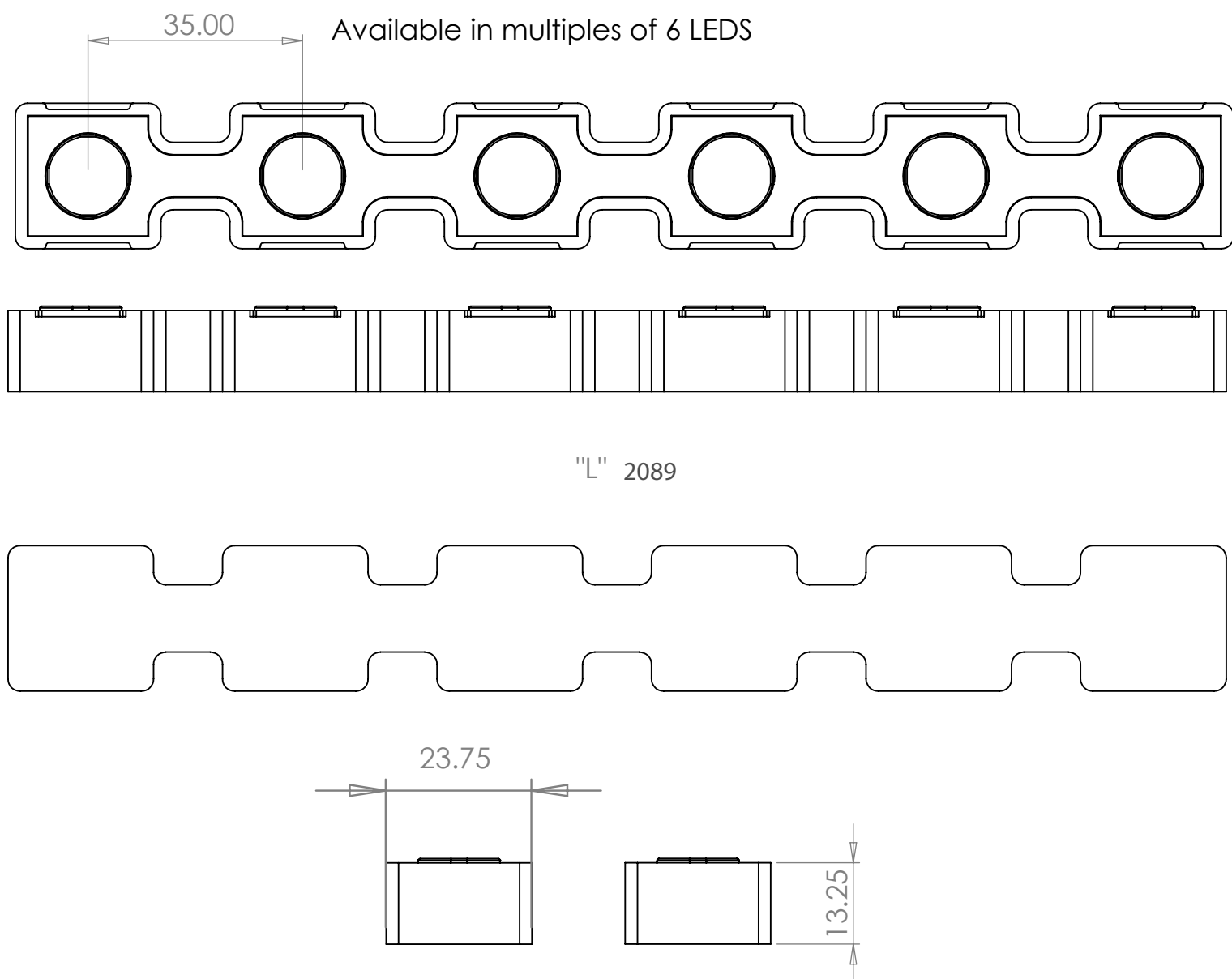
Temporary submersion protection.

Designed and made in the UK.

Technical

Wattage	3 Watts per 200mm	Actual Power consumption (W)	30
Driver Type Remote	24 VDC (23V min, 25V max)	Luminaire Lumens	1,596.0
Driver options	SWITCHED	Source Lumens (per LED)	26.6
Connections	JST IP67	Operating Temperature (°C)	-10 to + 50
CRI (Minimum)	80	CCT (K)	2700
Number of LEDs	60	LED Pitch (mm)	35
Beam Angle (°)	42 x 14	Listings	CE
IP rating	IP67	Weight (g)	66 per 199mm
Dimensions (mm)	23.7x13.25mm L: 2089mm	IK Rating	03

Dimensions



Product order code

VEX - FLEXI-LIGHT - 2089 - 2700 - IP67 - SWITCHED - 42 x 14

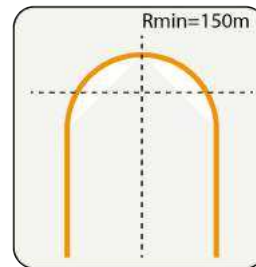
Provided data are typical values. Due to tolerances of the production process, figures for light output, electrical data etc can vary up to 10%. The Tc-point must be measured in thermal equilibrium in accordance to IEC EN 60598-1

Installation notes and safety precautions

The following information applies to the Vex-Flexi-light range of LED products. Special care should be taken and instructions provided followed to avoid any errors that may void our warranty.

All AC/DC constant current power supplies and LED drivers used are required to adhere to the following safety requirements:

- Overheat protection
- Overload protection
- Short circuit protection
- Safe extra low voltage (SELV)
- Class 2
- Not exceed 25 VDC output to the LED input
- Any extension cables used on the input of the LED luminaire must be terminated into an appropriate IP67 rated junction
- All cable extensions must follow guidelines for voltage drops and appropriate amperage handling.
- Ensure that all electrical input feeds use Vexica original input cables only and are of female type only and are IP67 variants.
- Flexi-light can be installed in a single line of up to 5m only as a single unit or as a daisy chain but the ultimate length must not exceed 5m.
- Flexi-light units must be heated up to room temperature before being installed.
- Flexibility of the product can be highly reduced at low temperatures and therefore warming the product up to room temperature is required prior to install.
- Due to best install practices it is therefore best to install products at a temperature range between +18C and 40C
- Installation surfaces must be free of dust, grease, oil and other separating agents.
- The installation surface must be dry and clean.
- Condensation moisture must be removed prior to install.
- Adhered coatings must be removed.
- Cleaning must be done using a clean lint free cloth using water or isopropanol only.
- Mounting instructions must be followed carefully.
- Whilst adhering a pressure of 10-15 N/Cm² only is to be applied.
- If the bending radius applied is too small electrical circuit damage can occur. This is due to inadequate handling and not following the minimum bend radius requirements.
- The minimum bend radius for all Flexi-light products is 150mm and should not be exceeded.



- Mounting clips is the preferred method of installation however 3M Adhesive tapes can be used for installation in some cases. 3M tapes are provided separately in this case and applied by the installer.
- The 3M self adhesive tapes are not suitable for overhead installation. 3M tapes provide adhesion only when following full guidelines on fixation. However due to ambient conditions adhesion may wear off with time and become unfixed. It is therefore advised in most cases to utilise the fixing clip accessory.