



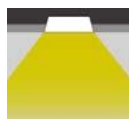
## Flexible Led Strip Data Sheet

LE-RL5050-RGB

ITEM NO. 89666

### Features

- ✓ 120V AC/60Hz constant voltage strips,dimmable
- ✓ 7.5 Watts/meter
- ✓ >50,000 hours at L70
- ✓ Fixed by mounting clip or groove
- ✓ Solderless connector or terminal wires connection
- ✓ Minimum 50cm cut, maximum continuous run 50 meters
- ✓ Ship in 50m reels
- ✓ IP65 anti-UV PVC casing
- ✓ Standards:UL2388/CSA C22.2#37
- ✓ Certificate:ETL,cETL



120° Beam

DRIVER AVAILABLE OPTIONS:



(ND)



(PH)



(AN)



(DA)

### Application

- ✓ Home lighting and corner lighting
- ✓ Building exterior contour accentuation
- ✓ Decorative applications
- ✓ Auxiliary lighting

### Technology Benefits

- ✓ Excellent in colour consistency and efficiency
- ✓ Long lifespan and extreme brightness
- ✓ Quick installation,no need power supply
- ✓ Cost savings,Low-maintenance and quicker ROI
- ✓ Comfort, safety, no glass, flexible, easy to bend

### Technical Operating Data (for 1 meter)

Item No.	Description	LEDs/ M	Voltage [V AC]	Power [W]	Current [A]	Luminous Flux [lm]	Color/Wavelength [nm]
89666	LE-RL5050-RGB	60	120	7.5	0.06	192.5	RGB
		60	120	3	0.03	23	Red 620nm
		60	120	3	0.03	144	Green 522nm
		60	120	3	0.03	31	Blue 470nm

※ All data are related to the entire module.

※ Due to the special conditions of the manufacturing processes of LED the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.

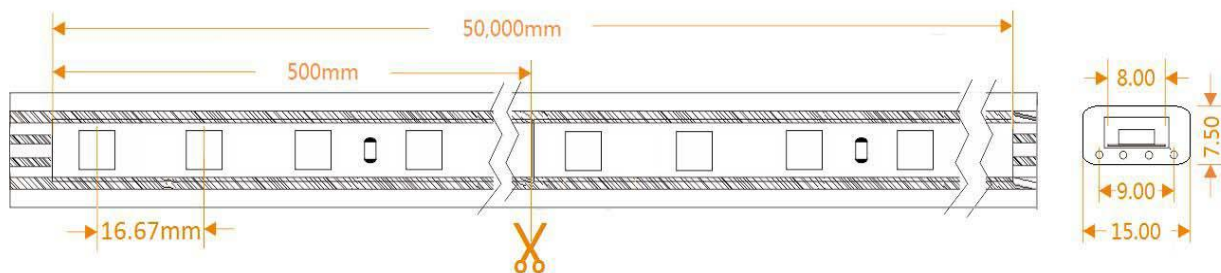


### Minimum & Maximum Ratings

Identification	Operating temperature at Tc-Point [°C]	Storage temperature [°C]	Voltage range [V dc]	Reverse Voltage [V dc]
LE-RL5050-RGB	-20 ... +50°C	-20 ... +60°C	110 ... 130V	tbc.

- ※ Exceeding maximum ratings for operating and storage temperature will reduce expected life time or destroy the LED Module.
- ※ Exceeding maximum ratings for operating voltage will cause hazardous overload and will likely destroy the LED Module.
- ※ The temperature of the LED module must be measured at the Tc-point according to EN60598-1 in a thermally constant status with a temperature sensor or a temperature sensitive label.

### Technical Drawing



### Cutting & Fitting Parts

- ✓ In order to drive our led strip safely, it is absolutely necessary to operate them with an electronically stabilized airbreak switch protecting against short circuits, overload and overheating.
- ✓ Please use specified fitting parts and tools if need to cut,connect or soldering.
- ✓ Parallel connection is allowed.

### Safety Information

- ✓ The LED strip itself and all its components must not be mechanically stressed.
- ✓ Assembly must not damage or destroy conducting paths on the circuit board.
- ✓ In order to drive LED-Modules safely, it is absolutely necessary to operate them with an electronically stabilised power supply protecting against short circuits, overload and overheating.
- ✓ Electronic control gear complies to all relevant standards and guarantees safe operation. Only qualified personnel should be allowed to perform installations.
- ✓ Observe correct polarity! Depending on the product incorrect polarity will lead to emission of red or no light. The module can be destroyed! Correct polarity immediately.
- ✓ Parallel connection is highly recommended as safe electrical operation mode. Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the LED module.
- ✓ Please ensure that the power supply is of adequate power to operate the total load.
- ✓ When mounting on metallic or otherwise conductive surfaces, there needs to be a electrical isolation at soldering points between model and the mounting surface.
- ✓ Pay attention to standard ESD precautions when installing the module.
- ✓ It has no inherent protection against corrosion. Damage by corrosion will not be honored as a materials defect claim. All connections must be protected again, if used in humid conditions. It is the user's responsibility to provide suitable protection.

※ **Note:** Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data. Subject to change without notice. Errors and omissions excepted.