Lumen Light ©

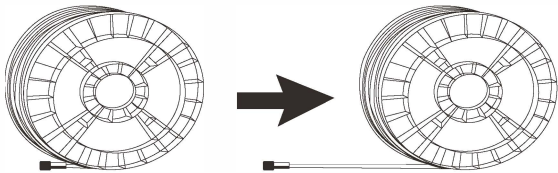# LED STRIP SNAP 230V IP67

1.Technology Data

♦ Input 220V-240V~; 50/60Hz; IP65/67 for Indoor or Outdoor use.

♦ If you use glue and flex – you will keep Ip67

♦ Lumen: 55000 per 50 meter role

♦ Material: PVC

♦ Lifetime: 30.000 hours

♦ CRI: Ra80

♦ Voltage: 110V/230V

♦ SMD per meter: 120

♦ Lumen per meter: 1100

♦ Dimable: Yes

♦ Approvals: TüV CE

♦ If you use glue only – you will keep Ip65

♦ Color temperature: 2700K, 3000K, 4000K or RGB

♦ Intended for: Indoor/Outdoor

♦ IP class: 67

♦ IK class: 07

♦ Measure: 14mm x 7mm

♦ Wattage per meter: 8W (RGB 5W – 9W)

♦ Lumen per watt: 137,50

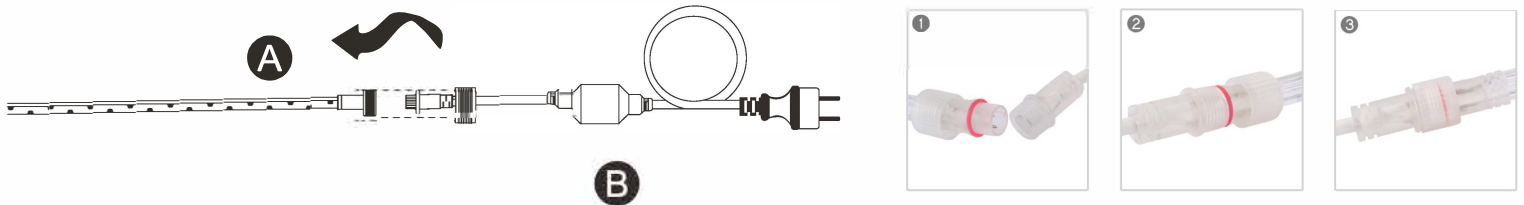♦ Ambient temperature: -15°C – +40°C

♦ Guarantee: 3 years

2.Warning

Must unroll the entire strip before use. If it is coiled on the drum for more than 2 min. The heat will cause the strip to melt and short circuit.
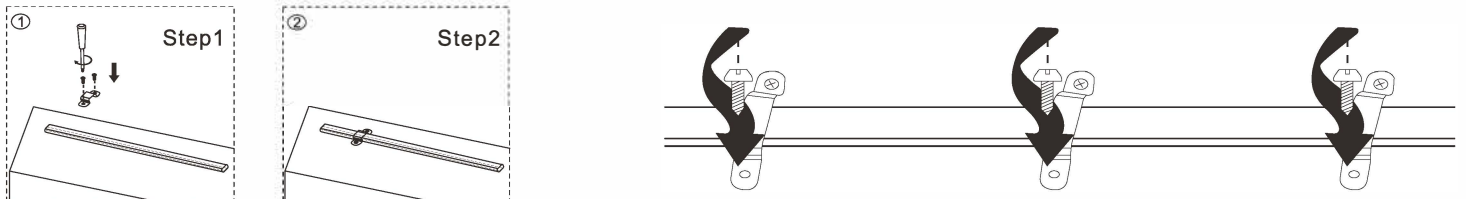

3.Installation Method

Make sure the led strip light doesn't connect with any electricity.
Connect the male and female connectors on the power cord and the light strip and tighten them.

2.2 LED Strip Light Installation

A. You can use mounting clips to fix the led strip light and screw them firmly. You will get best result if you mount one clips for each 20cm.
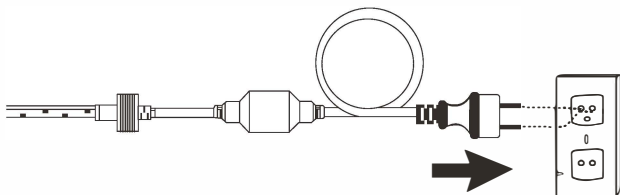

Step1

Step2

B. You can also mount in ALU-profile. Just make sure the ambient temperature not will be to high.
C. You can also use normale plastic cable ties. Do not use iron wire or other metallic wire to bundle up or fasten the led strip light.
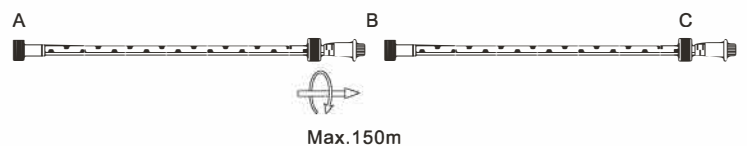
2.3 LED Strip Light connect with power supply

Input 220V-240V~; 50/60Hz

4.About extending connection

Multiple light strips can be connected together, but the total length cannot exceed 150 meters.
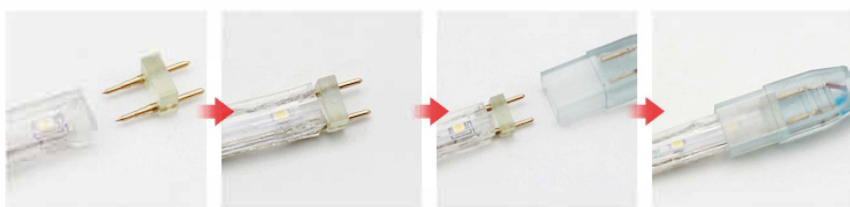

A   B   C

Max.150m

5.Warning

1. Do not electrify the led strip light while it is in the package or in a roller.
1. The strip light only can be cut according to the cutting mark on the light body, otherwise it will cause one whole unit have no light.
   ** for cutting please see method below.
2. Only same specification and same voltage can the led strip light be connected to each other. The total connecting length can not exceed the maximum allowable length.
3. Power cords, end caps and every connecting parts should be filled with glue to ensure the connection is firm and water cannot penetrate. To keep the strip IP67, please also use flex.
4. Do not use iron wire or other metallic wire to bundle up or fasten the led strip light.
5. Do not strike, heavy press or overbend the led strip light during installation.
6. The installation should be firm. Do not let the led strip light or power cord swing, otherwise it will cause the strip light or power cord fracture due to fatigue, which will trigger sparks and burn the strip light.
7. Do not pack or cover the led strip light by anything. Must insure the led strip light in good ventilation and heat dissipation.
8. Check the condition of installed led strip light regularly. If it's found to be cracked, please stop using it immediately. The cracked part can be cut off and re-install after repairation. If one section is not bright, please cut out this part and replace a new section.
9. The led strip light is made of PVC, etc. When discard them, please do not throw away randomly as PVC and etc. could be recycled to utilize. Everyone should be responsible for environment protection.
10. Users can also adopt appropriate connection and waterproof measures according to the application situation, and the connection must be safe and waterproof.
11. You are allowed to mount the strip in ALU profiles, however, you must be aware that the ambient temperature is observed.
12. Do not mount the strip next to each other. There must be a minimum of 50mm between each.

13. Do not light up the strip more than 12 hours per day.

∗∗∗NOTE – Please use below manual if you CUT LIT230 in other length.
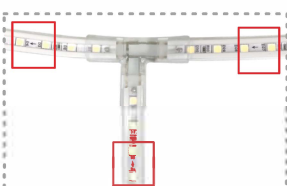
INSTRUCTION

If you cut SNAP you must remember to use other spareparts and use below method of mounting.

Mounting of power cord

1. Use the right PIN. 2-PIN for single color and 4-PIN for RGB.
2. The arrow on the strip must turn towards the power cord. For RGB the arrow must turn way from the power cord.
3. Please use the spiked end for the strip and the rounded end for the power cord.
4. 4. Note it is extremely important that when mounting in the strip, you do not hit the LED board, but only the 2 points that the arrows illustrate. The strip will short circuit if not mounted correctly.

Montering af T-Stykke

1. Mounted as the above illustration.
2. Note, that the arrows on the strip must be facing as illustrated in the picture.
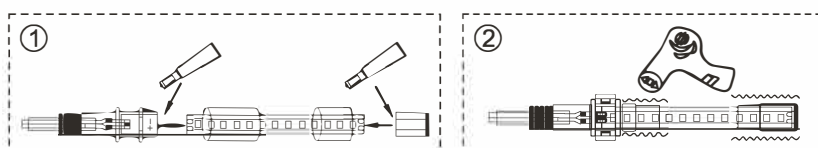
If you CUT the strip

1. The strip can ONLY be shortened for every meter. This is indicated by a transparent point on the strip or where the strip is marked with scissors.
2. After shortening, cover with an end cap.

IP65/67

In order to maintain IP65, all connections must be glued after installation. A SILICONE Glue is included with each connection.
Feel free to use shrink flex, as it is a requirement to achieve Ip67.

1. Fill glue into the power cord connector and end cap.
2. Insert the Led strip light into the power cord connector.
3. Fix shrink tube by air heater.

NOTE : The drying time of the silicone glue can be up to 24 hours, depending on temperatures.
Connection items are: Connection (230V), End cap, T-Piece, collector and angle.