

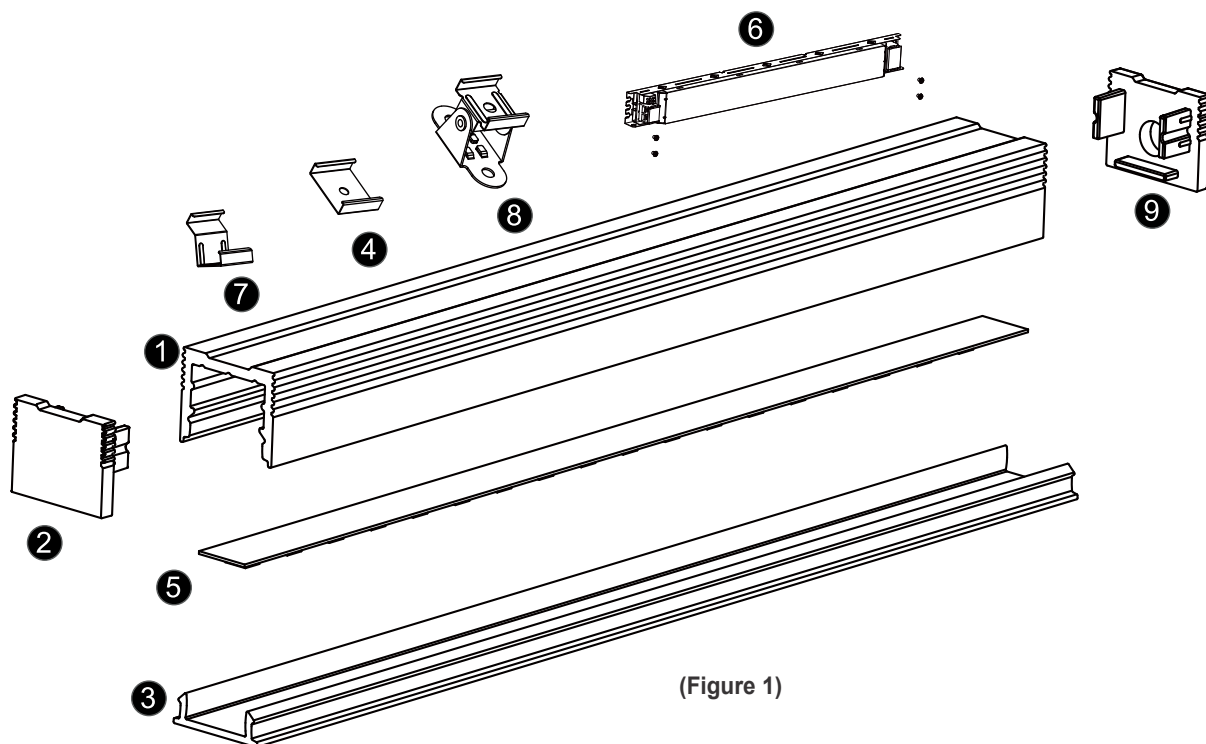
JIL-SM-1613 SERIES / INTEGRATED FURNITURE LIGHTING

WARNING BEFORE YOU BEGIN READ THESE INSTRUCTIONS COMPLETELY AND CAREFULLY.



- To prevent personal injury or product damage only licensed electricians should install.
- To avoid electric shock or component damage disconnect power before attempting installation or wiring.
- This product must be installed in accordance with the national electric code (NEC) and all applicable federal, state and local electric codes and safety standards.
- Disconnect product and allow cooling prior to servicing.
- Any alteration or modification of this product is expressly forbidden as it may cause serious personal injury, death, property damage and/or product malfunction.
- To prevent product malfunction and/or electrical shock this product must be properly grounded.
- This product must be installed in accordance with the applicable installation code by a Person familiar with the construction and operation of the product and the hazards involved.
- This product is not available for several special environments, such as places with corrosive gas liquids or high pressure water vapor.

1.0 INSTALLATION COMPONENTS



(Figure 1)

ESSENTIAL:

- 1.) Profile x1
- 2.) End cap x4
- 3.) Diffuser x1
- 4.) 90° Mounting clip x8

LIGHTING SOURCE AND POWER SUPPLY

- 5.) Flexible strip
- 6.) Power supply

INSTALLATION ACCESSORIES

- 7.) 45° clip
- 8.) 180° adjustable clip

OTHERS

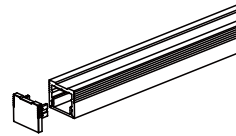
- 9.) End cap with hole



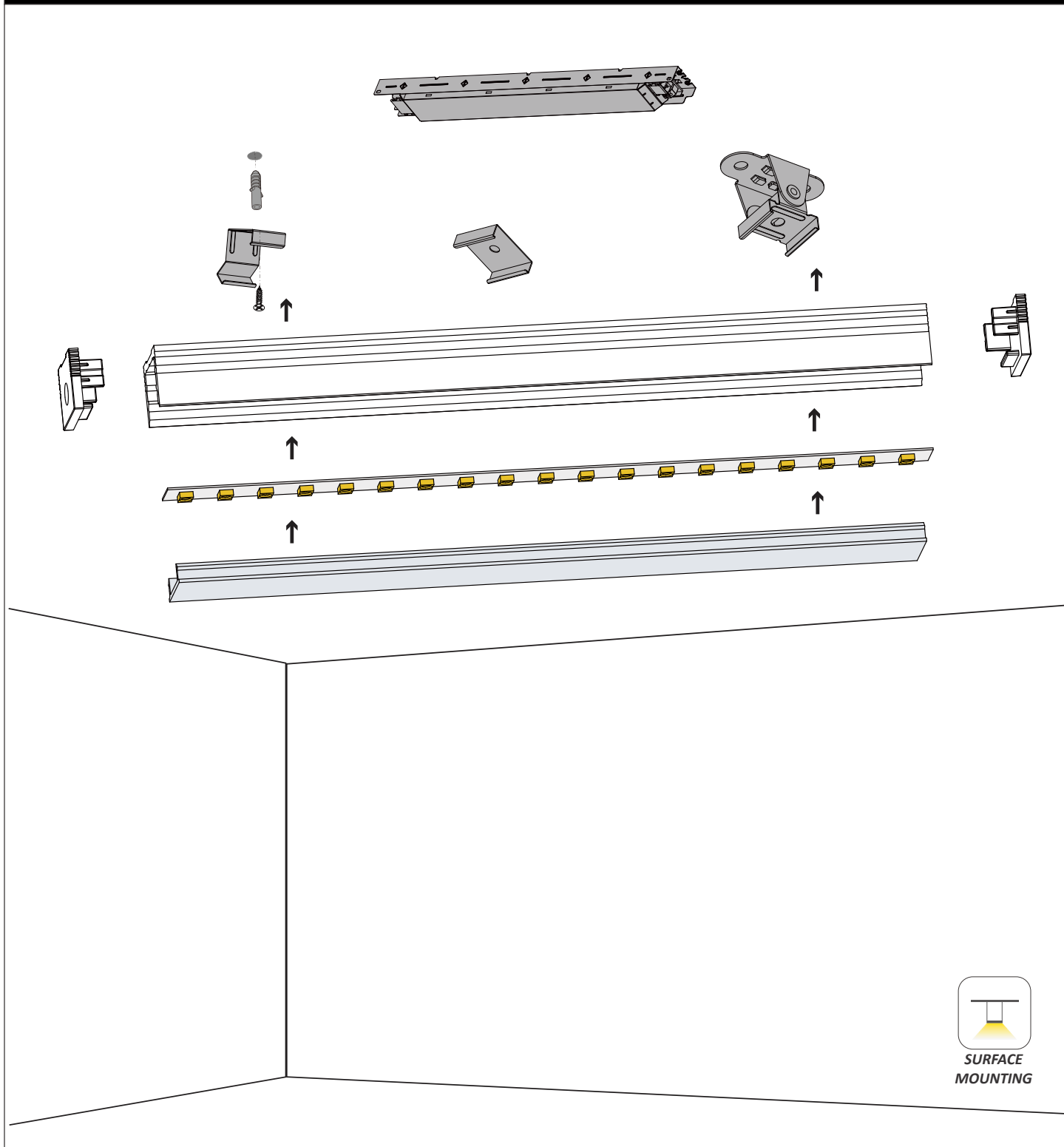
JADEMAR[®] I G H T I N G

JIL-SM-1613 SERIES

INSTALLATION INSTRUCTIONS



2.0 INSTALLATION INSTRUCTION - SURFACE MOUNTING



Miami, FL USA - info@jademar.com
T: 305.640.0465 - F: 305.640.0468
WWW.JADEMAR.COM



Revised 03/2025
Page 2 of 9



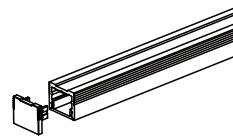
FOR
HAZLOC



WTY
5YR

JADEMAR LIGHTING® JIL-SM-1613 SERIES

INSTALLATION INSTRUCTIONS



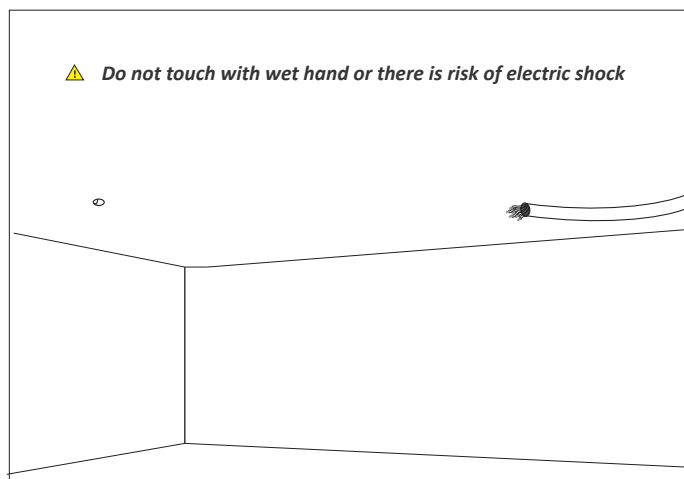
2.0 INSTALLATION INSTRUCTIONS - SURFACE MOUNTING

Step 1: Wiring at the installation location (mains supply). (Figure 1)

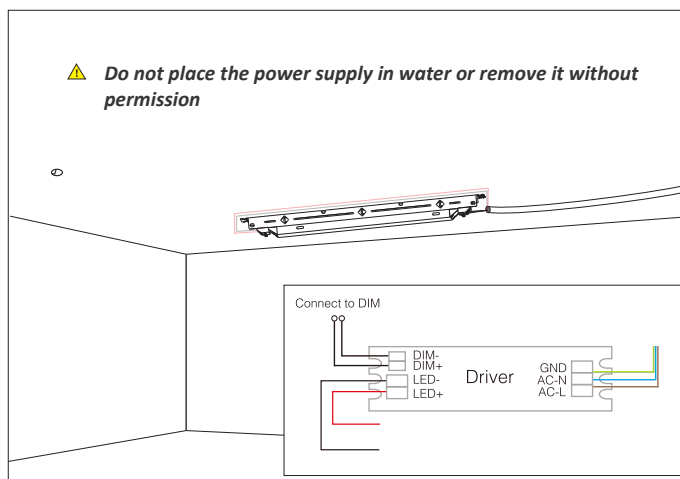
Step 2: Install the power supply at a proper location. (Figure 2)

Step 3: Place insulation on both ends of the strip and place the strip on the profile. (Figure 3)

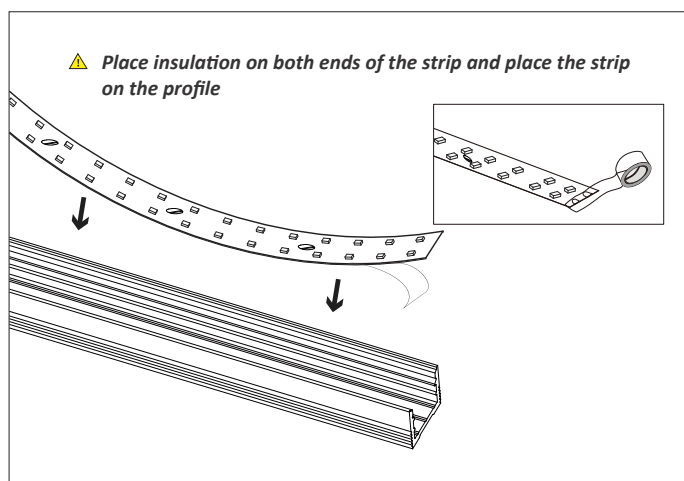
Step 4: Mount the diffuser on the profile. (Figure 4)



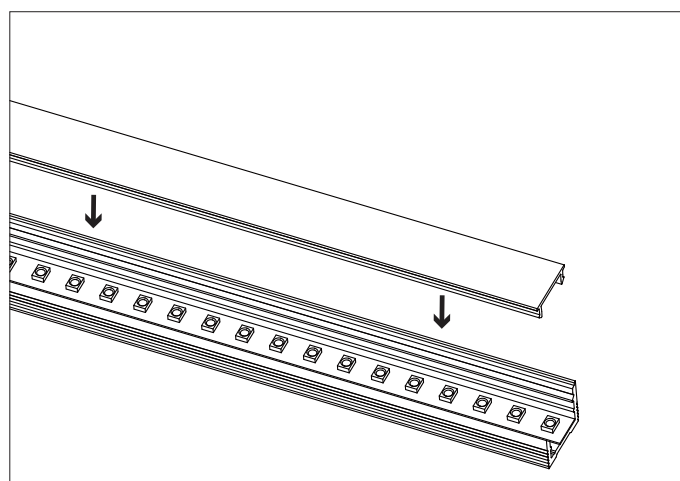
(Figure 1)



(Figure 2)



(Figure 3)



(Figure 4)



Miami, FL USA - info@jademar.com
T: 305.640.0465 - F: 305.640.0468
WWW.JADEMAR.COM



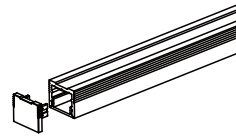
Revised 03/2025
Page 3 of 9



FOR
HAZLOC



WTY
5YR

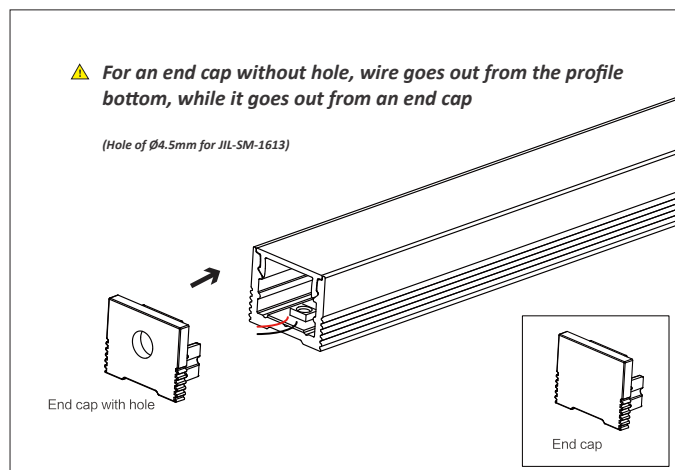


2.0 INSTALLATION INSTRUCTIONS - SURFACE MOUNTING

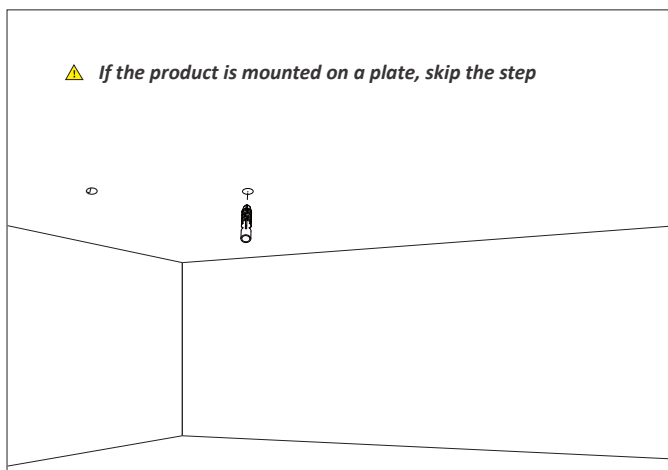
Step 5: Mount the end caps (with and without hole). (Figure 5)

Step 6: Make an hole of Ø5mm at the mounting position and seal it with a rubber plug. (Figure 6)

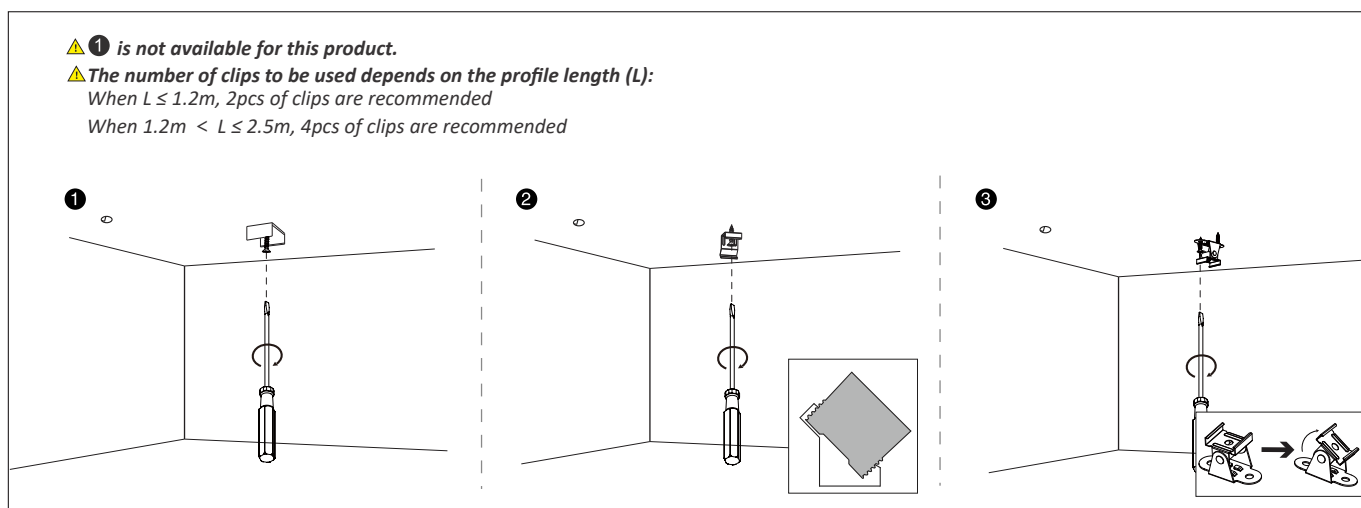
Step 7: Fix the clip on the rubber plug or plate with screws (select the correct installation methods depending on the clips you use). (Figure 7)



(Figure 5)



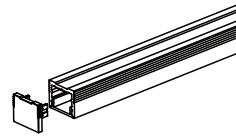
(Figure 6)



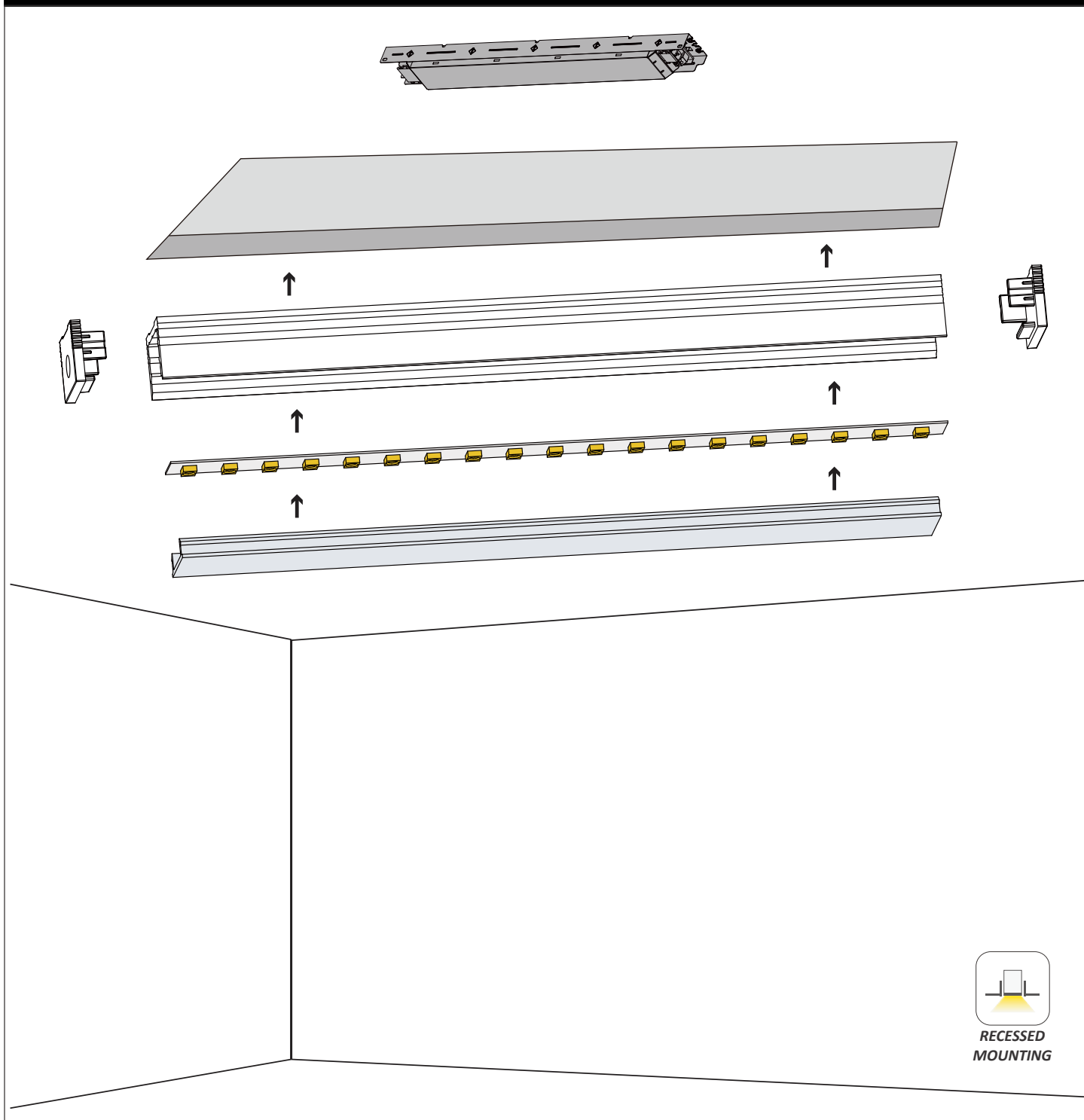
(Figure 7)



JADEMAR LIGHTING® JIL-SM-1613 SERIES INSTALLATION INSTRUCTIONS



3.0 INSTALLATION INSTRUCTIONS - RECESSED MOUNT



Miami, FL USA - info@jademar.com
T: 305.640.0465 - F: 305.640.0468
WWW.JADEMAR.COM



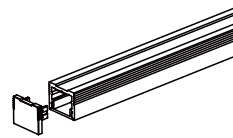
Revised 03/2025
Page 5 of 9



FOR
HAZLOC



WTY
5YR



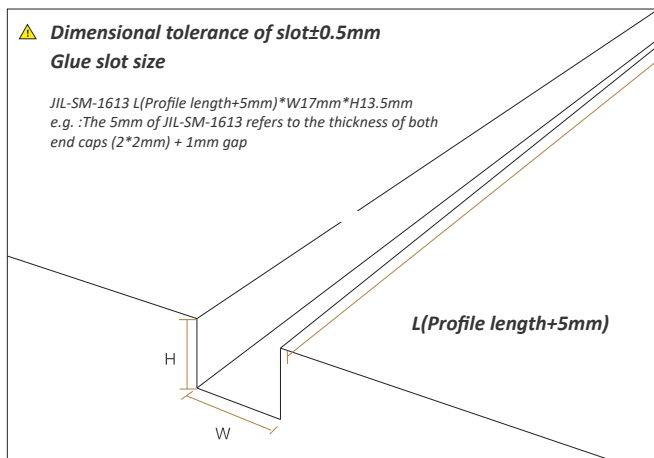
3.0 INSTALLATION INSTRUCTIONS - RECESSED MOUNT

Step 1: Open the slot necessary for the profile. (Figure 1)

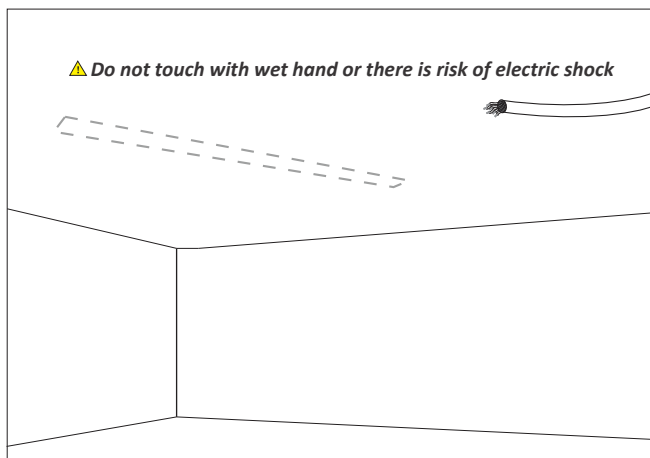
Step 2: Prepare wiring, connectors and LED tape prior to mounting the profile. (Figure 2)

Step 3: Install the power supply at a proper location. (Figure 3)

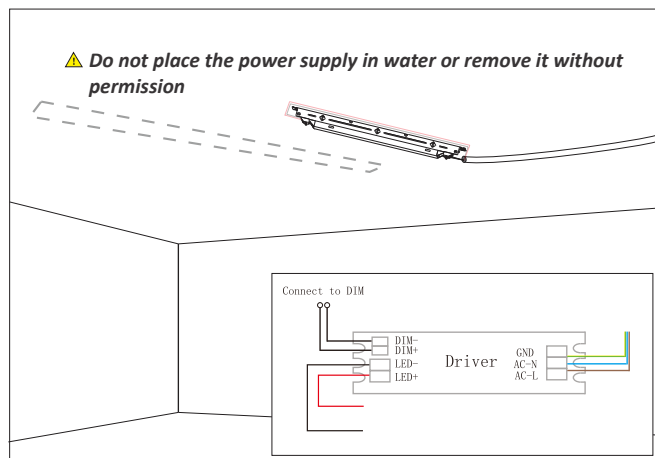
Step 4: Place insulation on both ends of the strip and place the strip on the profile. (Figure 4)



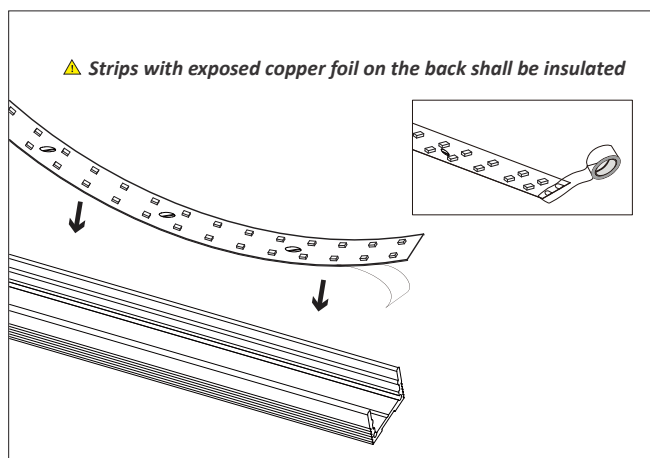
(Figure 1)



(Figure 2)

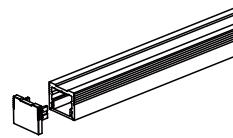


(Figure 3)



(Figure 4)





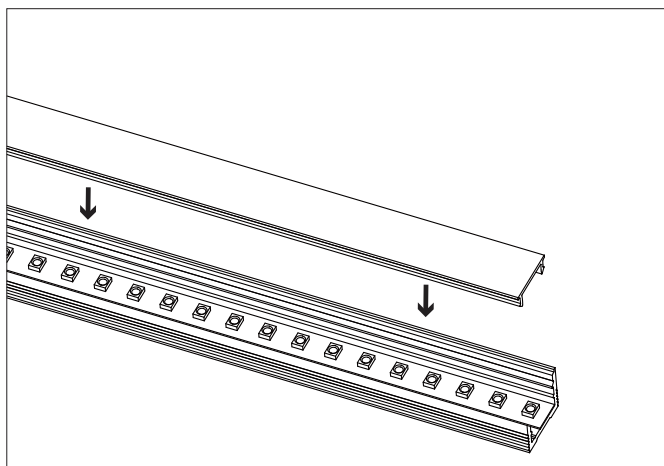
3.0 INSTALLATION INSTRUCTIONS - RECESSED MOUNT

Step 5: Mount the diffuser on the profile. (Figure 5)

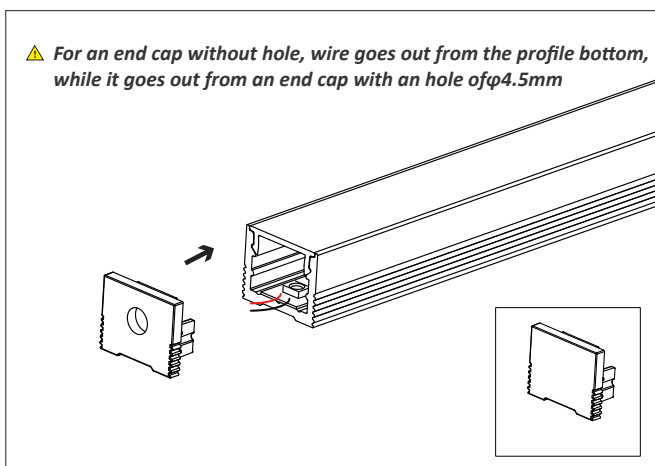
Step 6: Mount the end caps (with and without hole). (Figure 6)

Step 7: Fill the slot with the glue/adhesive to secure the profile if needed. (Figure 7)

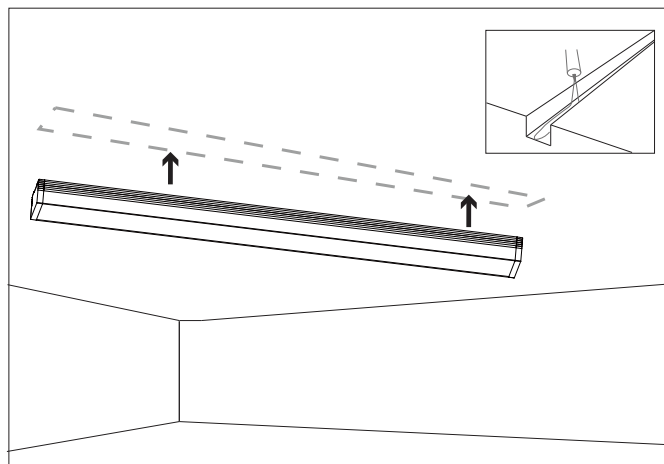
Step 8: Complete the installation. (Figure 8)



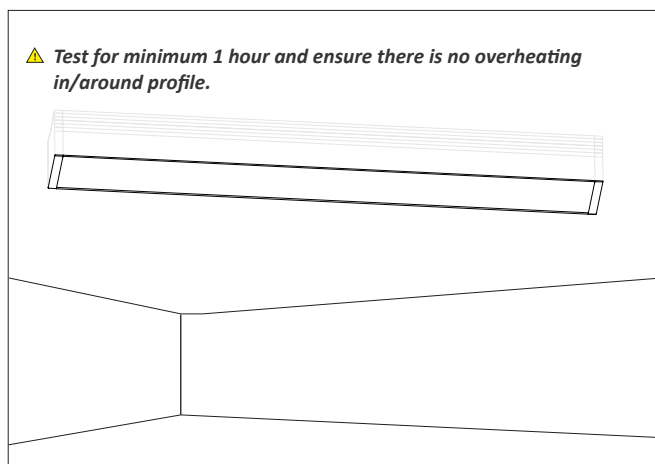
(Figure 5)



(Figure 6)

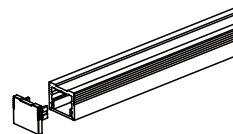


(Figure 7)



(Figure 8)





4.0 INSTALLATION INSTRUCTIONS - CUTTING METHOD

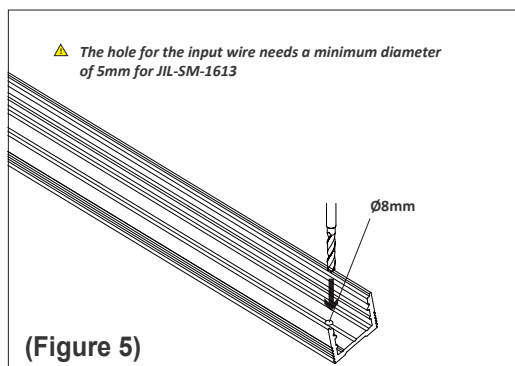
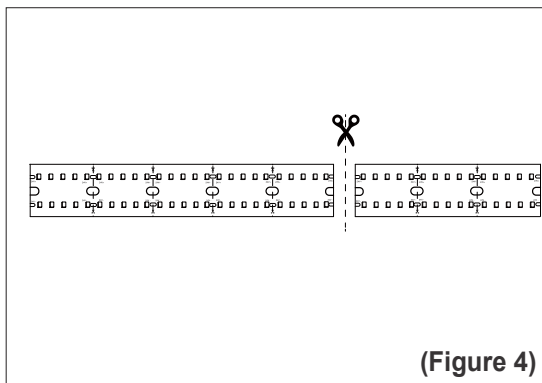
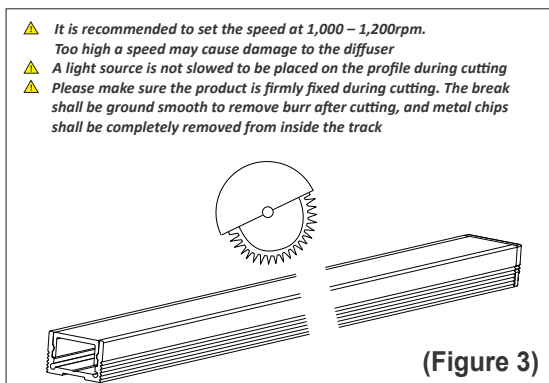
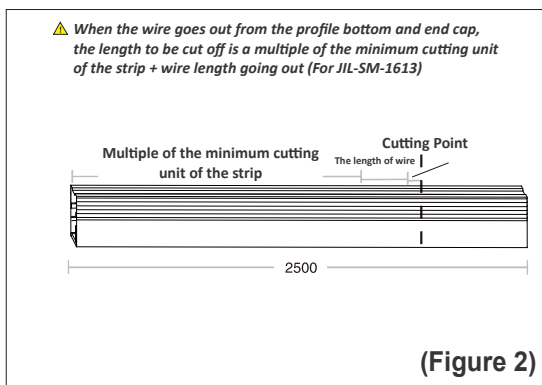
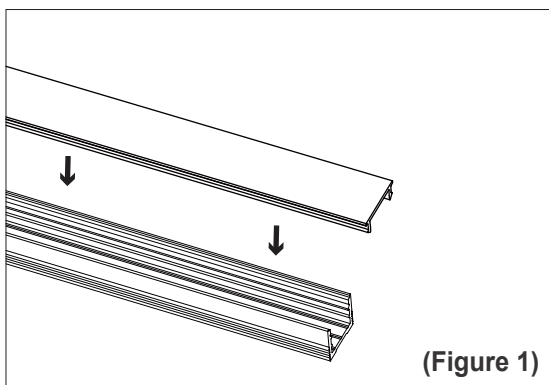
Step 1: Mount the diffuser on the profile. (Figure 1)

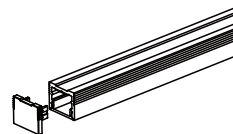
Step 2: Mark the length to the cut off (profile loss will occur during cutting by about the thickness of the blade), and please make reservations of profile length. (Figure 2)

Step 3: Profile cutting by a cutting machine. (Figure 3)

Step 4: Cut the strip to match the profile and weld the red and black wire on one end of the strip. (Figure 4)

Step 5: When the wire goes out from the end cap, it is unnecessary to make an hole in the profile. When it goes out from the profile bottom, an hole is to be made, as shown in the figure below. (Figure 5)





6.0 PRECAUTIONS

RECOMMENDED PRACTICE FOR FIXTURE STORAGE AND MAINTENANCE

1. The storage site shall be dry, clean and well ventilated;
2. Shelves or cabinets shall be provided for fixture storage;
3. Proper fire prevention measure shall be provided;
4. Fixtures (including accessories) shall be managed and stored by type and properly marked;
5. The supplied user manuals and packing boxes of fixtures, accessories and light sources shall be properly maintained for future reference;
6. Fixtures shall be regularly wiped and maintained;
7. Clean and soft cloth shall be used to wipe fixtures;
8. Do not wash fixtures with water.

QUESTION AND ANSWER

Q: Some parts in the fixture are not lit.

A: Please remove the diffuser and check whether the LED strips are not functioning. If any, please replaced them.

Q: The whole fixture is not lit.

A: Please check for abnormalities at the input and output of the power supply or reversion of the LED strip. If there is none, it is recommended to replace the power supply.

Q: The fixture flashes.

A: Please check for poor contact of the input and output connections of the power supply. If there is none, please carefully check whether the power supply is over-loaded. If not, it is recommended to replace the power supply.

Q: Dimming is not possible for an installed fixture.

A: Please check the dimming circuit of the power supply for any abnormality or fault in the dimmer. If none, it is recommended to replace the power supply.

Q: For two fixtures of the same type, one is darker than the other.

A: Please check for over-load of the power supply. If not, it is recommended to replace the power supply.

Q: The diffuser breaks after cutting.

A: Please check the speed of the cutting machine. Too high a speed tends to cause breaking of the diffuser. It is recommended to set the speed to 1,000 – 1,200rpm.

Q: The cut surface is not flat after profile cutting.

A: Please check for severe wearing of the blade of the cutting machine. If any, it is recommended to replace with a new blade.

Q: Light leak is found during lighting up after assembling.

A: Please check the levelness of the installation. If there is any problem, adjust the levelness and assemble again. If the levelness is Ok, please check verticality of the cut surface.

Q: Light leak from the end cap is found after lighting up.

A: Please check consistency between the length of profile and the diffuser and flatness of the cut surfaces of the profile and the diffuser.

Q: Worn thread of the cap screws.

A: Please check whether proper torque is used to fasten the screws (M2.0*8mm self-tapping screws for the end caps). It is recommended that the torque may not exceed 0.2N/m (about 2.0Kgf/cm).

Q: Black areas are found on both ends.

A: Please check whether the distance between the strip and the end cap exceeds 6mm. If it does, please adjust profile length.

