

# INSTALLATION INSTRUCTIONS

## SAVI Linear



**MODEL NUMBER**  
SAVI-LLB

**SV LIGHTING**<sup>™</sup>  
A Nexus Lighting Company

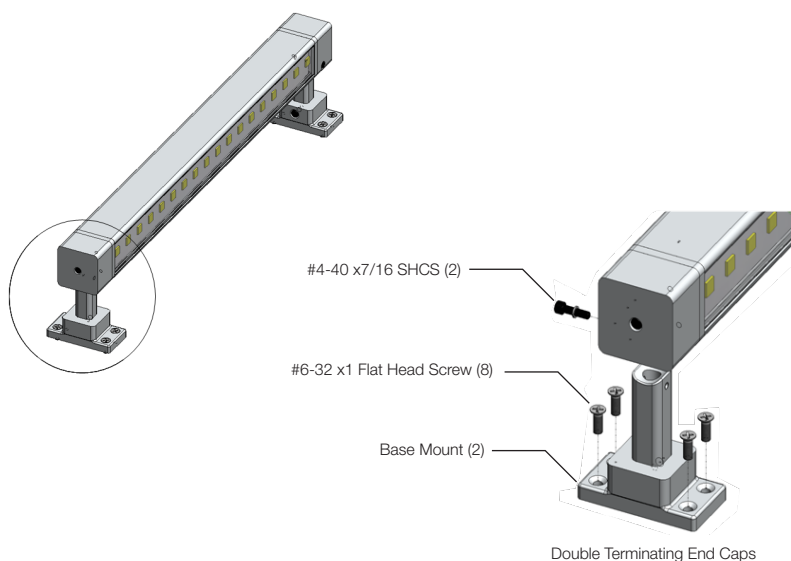
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## 1.0 General Information

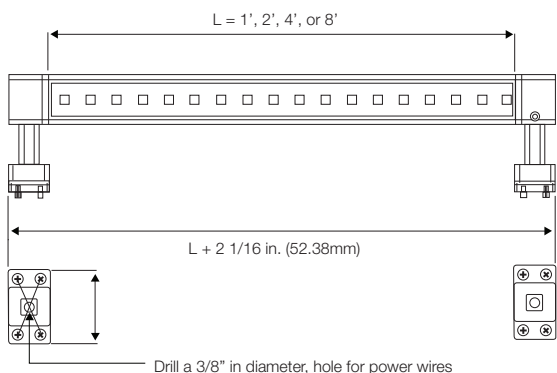
The SAVI Linear Lighting System is a high performance architectural linear lighting system for coves, wall washing and general illumination applications both direct and indirect. The SAVI Linear can be mounted in a variety of ways, including adjustable surface mounted, fixed surface mounted, direct suspended cable and wall mounted.

## 2.0 Installation for a Single Module



### Installing The Base Mounts:

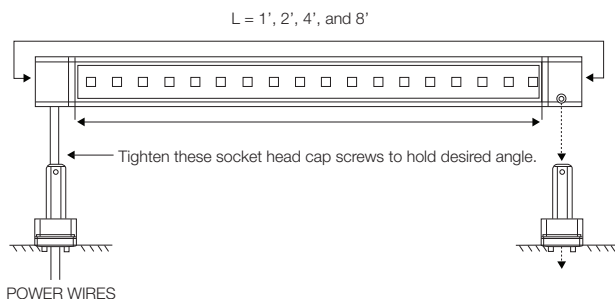
1. Determine the location where the Linear Light bar is to be installed, and measure off a distance of  $L \text{ (ft)} + 2 \frac{1}{16} \text{ in.}$ .  $L = 1, 2, 4, \text{ or } 8 \text{ ft.}$  This should be a flat even surface.
2. Use the Base Mounts as a guide to make a drill hole template on the surface where the fixture is to be installed.
3. As part of the template on the left hand Base Mount, draw diagonal lines as shown in the diagram and drill a  $\frac{3}{8} \text{ in.}$  diameter hole at the center of the base mount (per diagram above) for the power wires.
4. Drill the other 8 holes required to mount the Base Mounts
5. Attach Base Mount to the desired surface using the (8) 6-32 x 1" flat head screws provided.



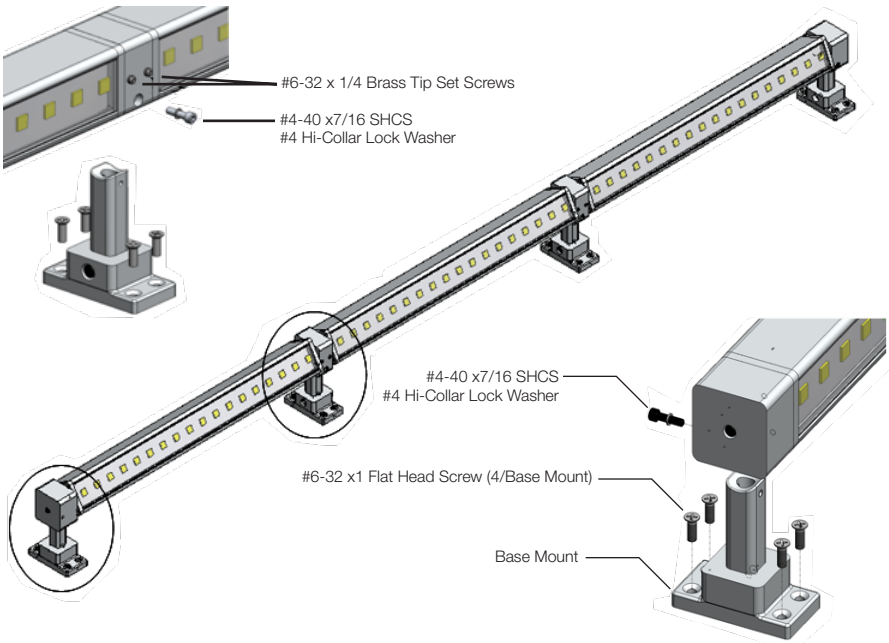
### Installing Module to Base Mounts:

1. Once the Base Mounts are securely installed, run the power wires from the Module through the base mount, and the wall.
2. Mount Module 1 unto the Base Mounts and fasten together with the socket cap screws provided
3. When Module 1 is safely secured to the Base Mounts, rotate it to the desired angle and lock into place by tightening the socket head cap screws on the very end of the Module.
4. Once the unit is secure and pointing in the desired angle, connect the power wires to the 24V power supply.
5. Connect the power supply to your junction box

Note: A class II power supply is needed for this application, and should be installed by a qualified electrician.

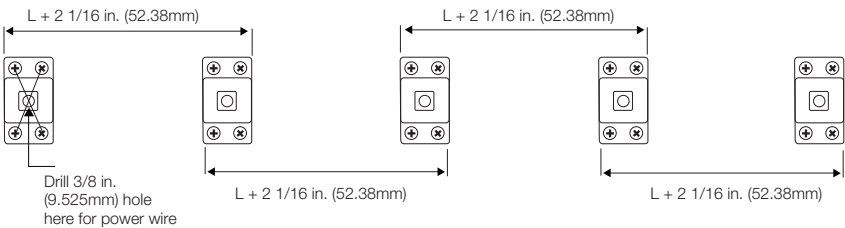


### 3.0 Installation for Multi-Module

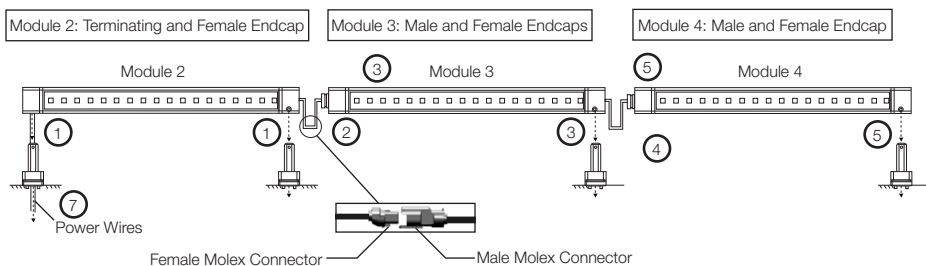


#### Installation of Base Mounts to Surface:

- For the Multiple Module Installation, mark desired location for all the needed Base Mounts per dimensions given in Fig. 2.
- Each Base Mount should be spaced at a distance  $L$  ( $L=1, 2, 4$ ) +  $2 \frac{1}{16}$ in. Apart.
- Using each Base Mounts as a guide, drill the corresponding holes for the Base Mounts
- Once the end where the power will be routed is determined, drill a  $\frac{3}{8}$  in diam. hole at the center of where the base mount is to be installed
- Attach Base Mounts to the predrilled surface using the (4) flat head screws provided



POWER SIDE



1. Once all the Base Mounts have been securely installed, locate Module 2, as this will be the first Module installed on the Base Mounts. There will be wires leading out of each end of the Module. Pass the wires extending from the terminating end of Module 2 through the Base Mount with the predrilled 3/8 in hole for the power wire. Finish the installation of Module 2 by placing it onto the base mounts as shown and secure with the socket head cap screws provided.

2. Locate Module 3. It will have connectors coming from either side. On the Male end, there will be a male Molex connector (shown in fig). Connect the male Molex connector on Module 3 with the female Molex connector on the female end of Module 2. Once the wires are connected, stuff the male/female assembly into the female end of Module 2.

3. Mount Module 3 to the Base Mount while simultaneously inserting the male end into module 2. Use the Alin key provided to tighten the set screws on the female end of Module 3 until the unit is firmly held in place.

4. Repeat step 2 to connect the female and male Molex connectors of Modules 3 & 4.

5. Repeat step 3 when mounting Module 4 to the Base Mount.

6. When all the Modules are safely secured to the Base Mounts, rotate each to the desired angle and lock into place by tightening the set screws and the socket head cap screws

7. Once the unit is secure and pointing in the desired angle, connect the power wires to the 24V power supply.

Note: Each LED Strip consumes 5 watts of power.

Note: A class II power supply is needed for this application, and must be installed by a qualified electrician.

## **LIMITED WARRANTY**

Nexxus Lighting, Inc. warrants its products, excluding lamps, to be free from defects in material and/or workmanship, under normal condition, use and service, for a period of two (2) years from the original invoice date (Five (5) Years for Red, Amber and Orange FlexLED and Border Light LED products and one (1) Year for Non-UL Listed Power Supplies). If proof of purchase is provided, Nexxus Lighting will warranty the product for two (2) years from date of the purchase (Five (5) Years for Red, Amber and Orange FlexLED and Border Light products and one (1) Year for Non-UL Listed Power Supplies).

### **TERMS AND CONDITIONS:**

This warranty only applies when Nexxus Lighting products are properly wired and installed together as a system; and operated within the electrical values shown on the Nexxus Lighting specification sheets; used in lighting equipment designed and approved for the application and environmental conditions (temperature, humidity) within the normal specified operating range of the system. This warranty does not apply to any abnormal use in violation of any applicable standard, code or instructions for use in installations including those contained in the latest National Electrical Code (NEC), the Standards for Safety of Underwriters Laboratory, Inc. (UL), Standards for the American National Standards Institute (ANSI), in Canada, the Canadian Standards Association (CSA), Europe (CE), Australia (C-Tick). This warranty will not apply in the event of conditions demonstrating abnormal use or stress, including under/over voltage conditions, excessive switching cycles, excessive operating hours, alterations, accident, theft, misuse, abuse and damaged caused by negligent installation, improper maintenance or where adequate care has not been taken to prevent damage to the lighting system. Replacement of Nexxus Lighting components with any other manufacturer will void the entire warranty.

### **WARRANTY SERVICE CLAIMS:**

Nexxus Lighting must issue a Return Material Authorization (RMA) number for all requests for warranty review. To expedite service, please contact Nexxus Lighting Customer Representative: 407-857-9900. If you are unsure whether a situation exists that is covered by this warranty, please contact Nexxus Lighting Customer Service for assistance. In the event of a defect in material or workmanship during the warranty period, Nexxus Lighting will repair or replace (at its own discretion) its products under the conditions of the warranty.

### **RETURN OF DEFECTIVE PRODUCT:**

After contacting Nexxus Lighting, Inc. and receiving the RMA#, the purchaser / user shall promptly return the product after receiving instructions regarding if, when and where to ship product. Product must be returned within 30 days of receiving RMA#. Shipping box must be clearly marked with RMA#. Failure to follow this procedure shall void this warranty. Nexxus Lighting will cover expenses for material but will not cover shipping costs. Products returned without an RMA# will be refused and returned to sender at the senders expense.

### **REPLACEMENT OF PRODUCT, LIMITS OF LIABILITY:**

The foregoing shall constitute the exclusive remedy of the purchaser and the sole liability of Nexxus Lighting, Inc. regarding its products and component warranty. NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OR IS TO BE IMPLIED. In no event shall Nexxus Lighting, Inc. be liable for any other costs or damages including labor charges, lost profits or revenues, incidental, special or consequential damages. Total liability shall not exceed the total extended purchase price for the product. Nexxus Lighting, Inc. reserves the right to examine all failed Nexxus Lighting, Inc. products and components to determine the cause of failure and patterns of usage and reserves the right to be the sole judge as to whether any product or component is defective and covered under this warranty.



