

# Nano Linear Sauna COB Light Engine

OPTIQUE

## ⚠ Important Information

- Tape light should ONLY be powered by a UL Listed Class 2 DC 24V power supply.
- ALWAYS install in accordance with local and national electrical code regulations.
- This product should be installed and serviced by a qualified, licensed electrician.
- Do not install where diodes can be exposed to direct sunlight as this can damage the diodes, reduce their operational life span and alter their operational characteristics.
- Do not install the product in a location where the ambient temperature is outside the listed ambient temperature range of the product. Failure to do so could result in damage to the tape light and may alter the tape light's operational characteristics.
- Do not exceed the listed maximum run of the product, which is shown on the product packaging. Each maximum run requires a dedicated power feed from the driver.
- Do not overload the 24V DC power supply. Overloading the power supply may cause shorting, overheating, and possibly fire.
- Do not stare directly into LED lights when illuminated.
- Always disconnect the power supply before cutting or connecting tape light.
- Apply power to test the tape light and connections before mounting.
- Do not bend tape light along its width. Keep the tape light facing up and bend it to a radius no less than 2 in. / 50 mm
- Do not operate or install this sauna-rated tape light in environments that exceed its listed Operating Temperature range of 0 ~ 120 °C or its Ambient Temperature range of -40 ~ 105 °C. Exposure to temperatures outside these ranges may result in damage to the tape light, reduced performance, or permanent alteration of its operational characteristics.
- Do not bend tape light lengthwise to a radius less than 0.8 in. / 20 mm.

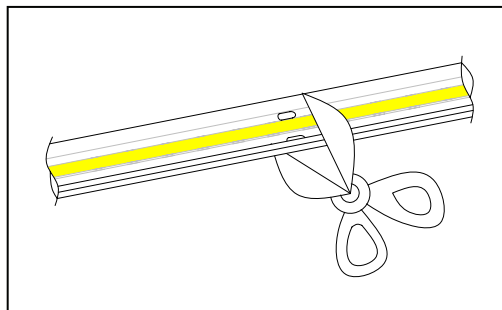
## ✂ Installation using Self-Adhesive Tape

### 01.

Measure and cut the tape light to the desired length.

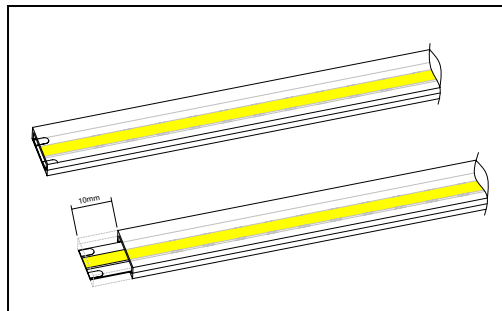
Cut only at designated cut points (marked with black arrows).

**Ensure solder points remain intact.**



### 02.

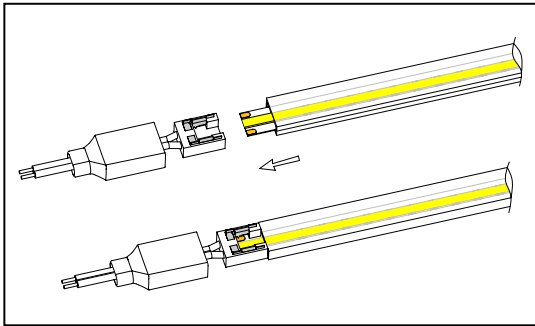
Hold one end of the cut tape light and use a knife to carefully remove the surrounding glue and expose the solder points. Peel off the adhesive tape backing to match the exposed solder length.



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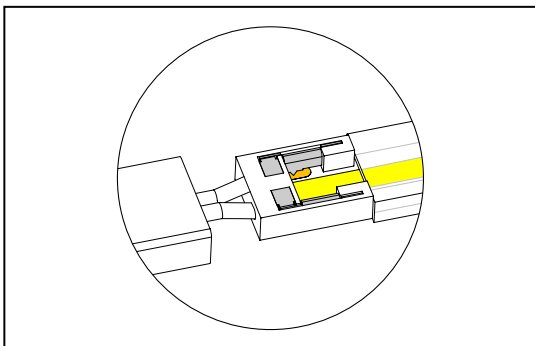
## 03.

Remove the connector from the opened silicone end cap.  
Insert the peeled end of the tape light into the connector slot. Push firmly in the direction of the arrow until it is fully seated.



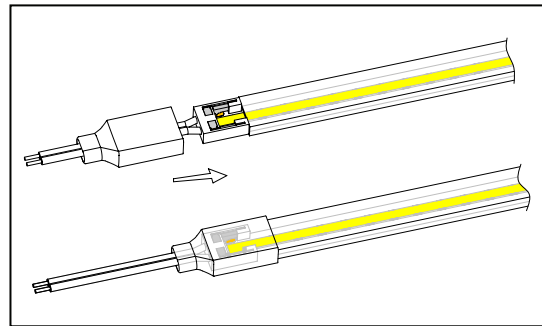
## 04.

Using pliers or a similar tool, press the contact piece down until it fully engages with the connector.



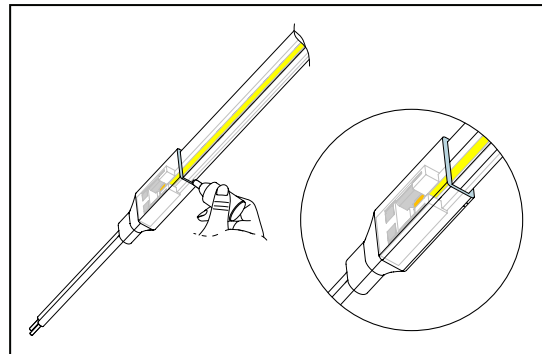
## 05.

Lay the tape light flat.  
Slide the silicone cap fully into place until it completely covers the exposed connection point.



## 06.

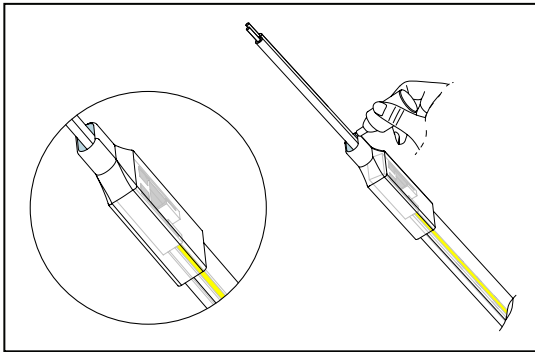
Apply silicone sealant around the junction where the cap meets the tape light.  
Wipe off any excess sealant with a dust-free cloth.



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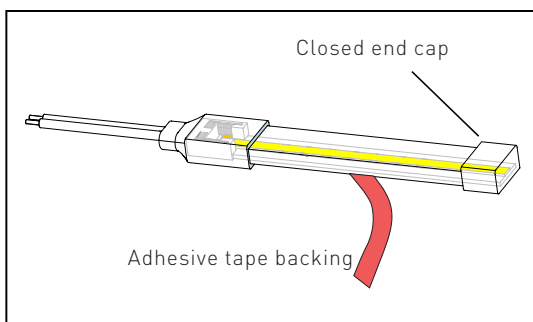
## 07.

Repeat Steps 3–6 to seal the opposite end of the tape light.  
After both ends are sealed, allow the tape light to sit flat for 24 hours before continuing with the installation.



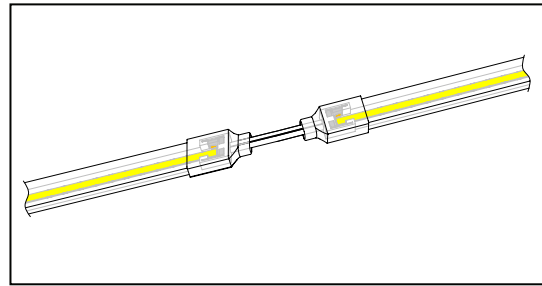
## 08.

Seal any open end with a closed end cap and silicone sealant.  
Peel off the adhesive tape backing and firmly press the tape light onto a clean, flat, dry surface or into a channel.



## 09.

If using jumper cables, repeat the above process to connect and seal them.  
Seal any open end with a closed end cap and silicone sealant.



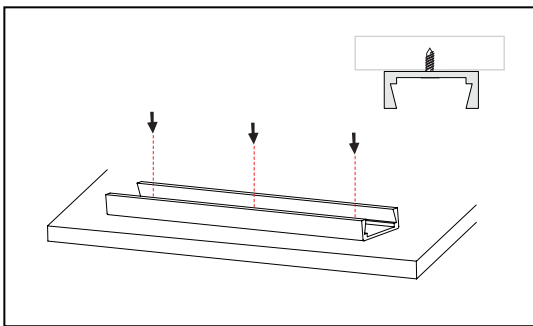
# Nano Linear Sauna COB Light Engine

## Installation using the Surface-Mount Channel Track

(Sold Separately)

### 10.

Mount the channel track in the desired location using screws.



### 11.

Once the tape light is sealed, peel off the adhesive backing and gently press it into the channel track.

