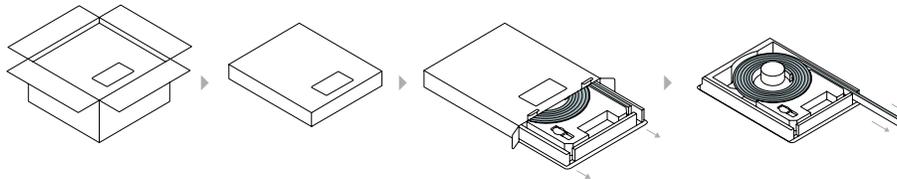
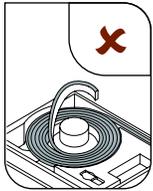




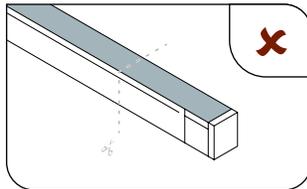
# Signwave® Installation Instructions

## UNPACKING

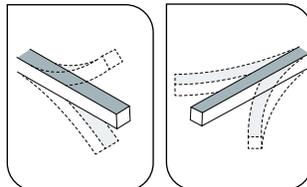
Incorrect unpacking may cause PCB fracture or damage to electronic components and lead to light failure. Do not unfurl Signwave from the middle of packaging.



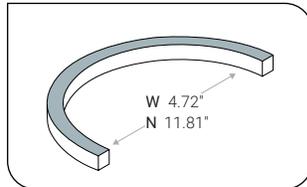
**PRODUCT MODIFICATIONS**  
Product modifications are not recommended, please reach out to Kelvix for any necessary modifications.



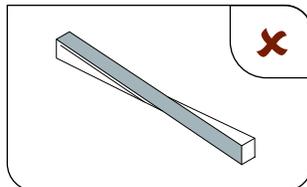
**BENDING DIRECTIONS**  
Please note and follow the bending direction marked on the product, otherwise PCB damage and light failure may occur.



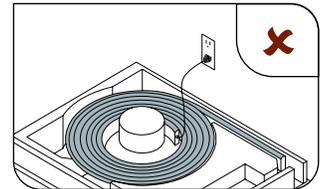
**BENDING LIMITS**  
Do not bend product smaller than bending diameter.  
Wide Viewing:  
4.72" (120mm)  
Narrow Viewing:  
11.81" (300mm)



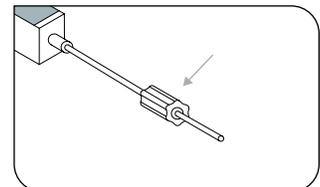
**TWISTING**  
Do not twist or bend product excessively. Do not hit or pull the product with excessive force.



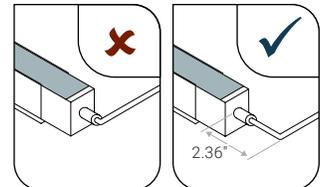
**POWER TESTING**  
Do not power up while coiled for over 30mins. This may lead to overheating and damage.



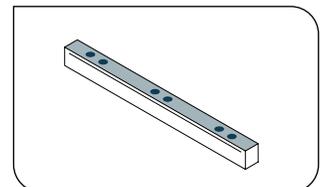
**ANTI-WICKING FERRULE**  
Removing the anti-wicking ferrule increases the risk of water damage and voids the warranty.



**CABLE HANDLING**  
The first 2.36" (60mm) of the cable should maintain its natural state before any bending accrues.



**TROUBLESHOOTING**  
Intermittent dotting indicates power polarity is reversed.



## ⚠️ ADDITIONAL PRECAUTIONS

For best performance and lifespan, do not load the power supply more than 80% of its labeled wattage rating.

This electronic product is sensitive to mishandling and may incur damage. Any improper soldering or modifications could lead to the voiding of the warranty. Kelvix reserves the right to assess warranty cases based on various factors.

Avoid puncturing or penetrating the product with foreign objects, as this could lead to a short circuit.

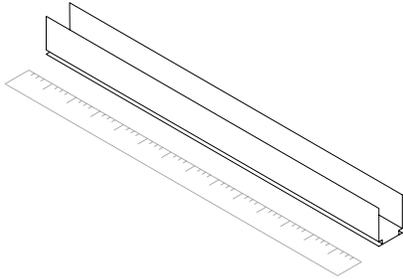
Ensure that the ambient temperature does not exceed 50°C/122°F during installation to guarantee the designated rated lifetime. Fixture temperature should fall between 63°F - 93°F (17°C - 34°C) during installation.



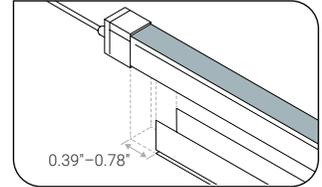
# Signwave®

## Installation Instructions

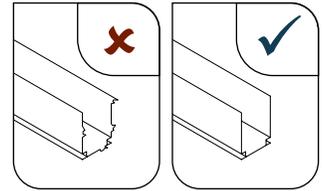
- 1 | Measure and cut channel to length as needed.



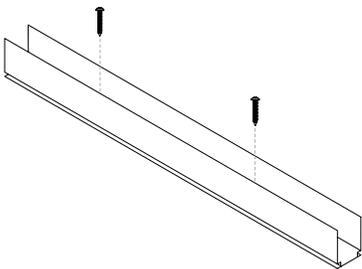
**PROFILE LENGTH**  
Reserve 0.39"–0.78"  
(10–20mm) distance  
between the connector  
and channel.



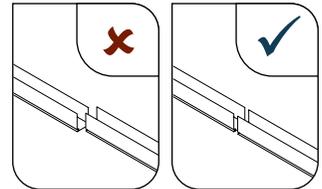
**PROFILE CUTTING**  
Make sure the cross  
section of the channel is  
smooth without any burrs.



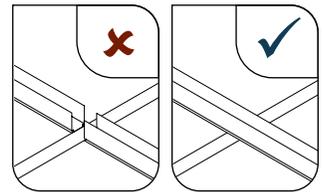
- 2 | Screw channel through pre-drilled holes directly into mounting surface.



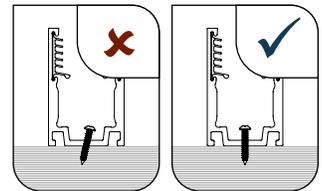
**PROFILE ALIGNMENT**  
When using multiple  
channels the channel  
junctions should be  
aligned and the gap  
between should be  
0.19" (5mm).



**EXPANSION JOINTS**  
Do not connect two  
channels at an expansion  
joint. Cross the expansion  
joint near the middle of  
the channel. Channel  
should be screwed down  
on both sides of expansion  
joint/seam.



**PROFILE SECURING**  
Ensure screws are driven  
vertically and flush to  
bottom edge to avoid  
damaging the outer jacket  
during installation.

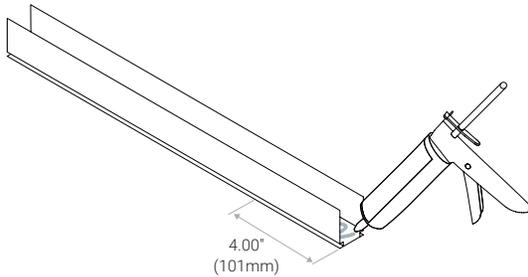




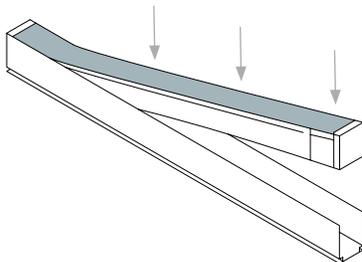
# Signwave®

## Installation Instructions

**3** (Optional) For outdoor applications, apply silicone adhesive down the channels length.

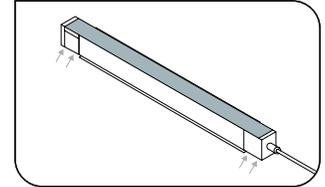


**4** Starting at one end, place product in channel and press down along entire length with your palm.

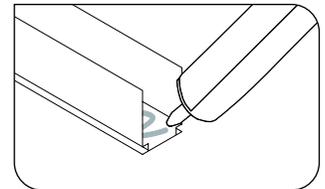


### ADHESIVE PLACEMENT

Do not apply the adhesive all the way up to the connector to allow for the fixture to expand and contract. If adhesive is used, apply to only 4" (101mm) of the ends of the channel. (Recommended glues are Dow Corning 791, Dow Corning 995, & Dow Corning SJ168.)

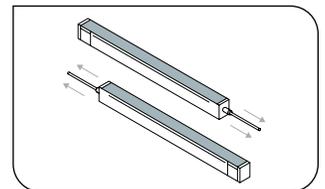


Adhesive should only be used to adhere Signwave to mounting channel. Please consult factory if adhesive will be used for any other portion of the installation process.



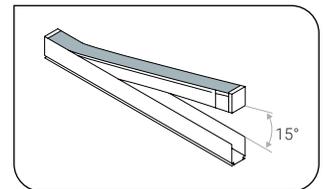
### POWER FEED

Ensure that product is correctly oriented with power feed end toward power source.



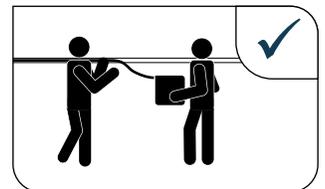
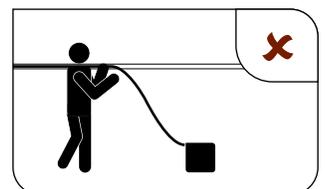
### BENDING

Do not exceed 15° angle when installing the product into the channel.



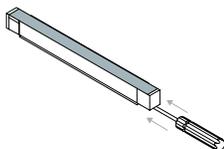
### TWO PEOPLE REQUIRED

At minimum, two people should be used to install product into channel. One person should be installing product into channel, while another person is carrying product to ensure Signwave does not exceed maximum bending angle.

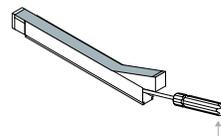


### UNINSTALLING

Prepare screwdriver at the base between the channel and the product.



Move the handle of the screwdriver upward until one end of the product is out of the channel.



Hold both sides of the product by hand and slowly pull the product out of the channel until completely released (max angle 15°).

