

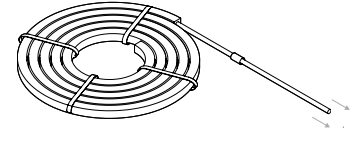
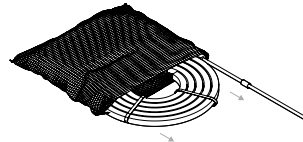
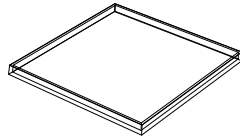
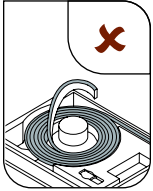


Endurawave® Narrow White Light

Installation Instructions

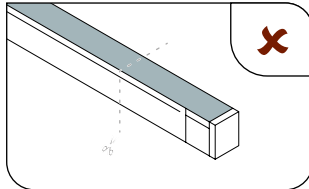
UNPACKING

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



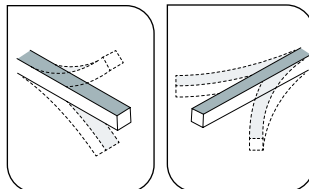
PRODUCT MODIFICATIONS

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



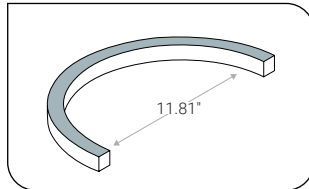
BENDING DIRECTIONS

Please note and do not exceed the maximum bending directions of the product. Light failure may occur. Avoid bending the product near the feed or end cap.



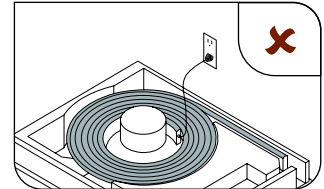
BENDING LIMITS

Do not bend product smaller than bending diameter.



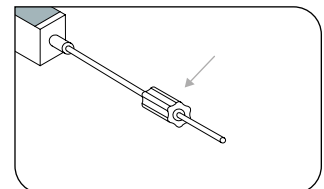
POWER TESTING

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



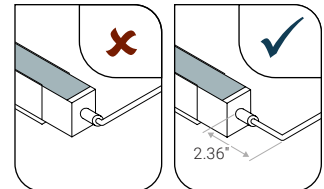
ANTI-WICKING FERRULE

Removing the anti-wicking ferrule increases the risk of water damage and voids the warranty.



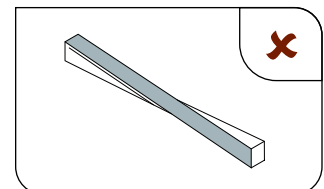
CABLE HANDLING

The first 2.36" (60mm) of the cable should maintain its natural state before any bending accrues. Do not pull on the cable or lift the fixture by the cable.



TWISTING

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



SERIES	TOP BEND RADIUS	SIDE BEND RADIUS
WL/SC	11.81" (300MM)	11.81" (300MM)
RGBW/TXRGBW	11.81" (300MM)	31.50" (800MM)
CT/DTW	11.81" (300MM)	19.69" (500MM)

⚠️ ADDITIONAL PRECAUTIONS

For best performance and lifespan, do not load the power supply more than 80% of its labeled wattage rating. Only connect Endurawave to a 24V Class 2 Power Source.

This electronic product is sensitive to mishandling and may incur damage. Any improper soldering or modifications may 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 maximize the rated lifetime. Fixture temperature is between 50°F - 104°F (10°C - 40°C) during installation.

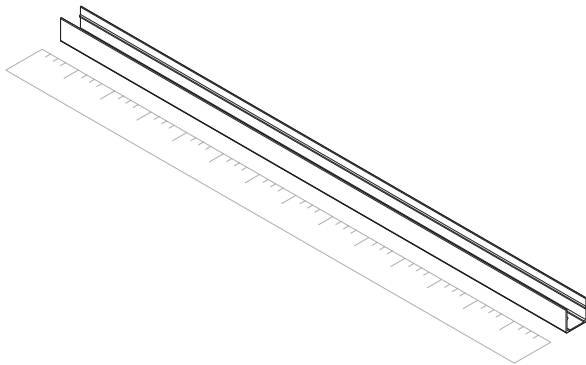
Product should be installed by a qualified electrician and according to local and national electrical codes.



Endurawave® Narrow White Light

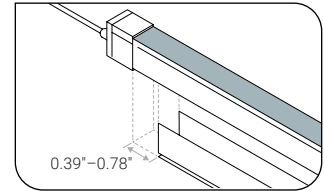
Installation Instructions — Surface Channel

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



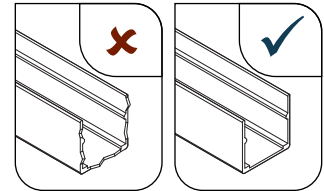
PROFILE LENGTH

Reserve 0.39"-0.78"
(10-20mm) distance between
the end cap and channel.

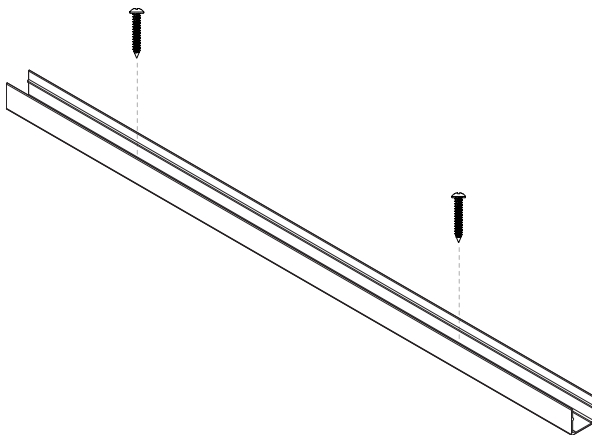


PROFILE CUTTING

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

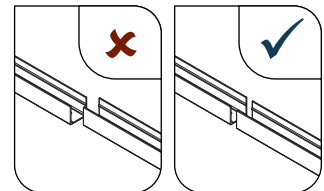


- 2 | Screw channel through pre-drilled holes directly into mounting surface.



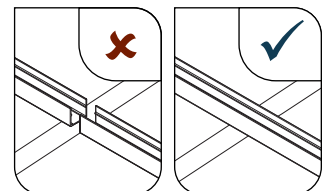
PROFILE ALIGNMENT

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



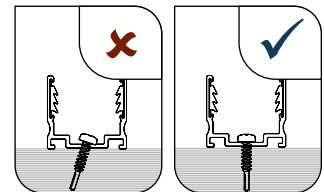
EXPANSION JOINTS

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.

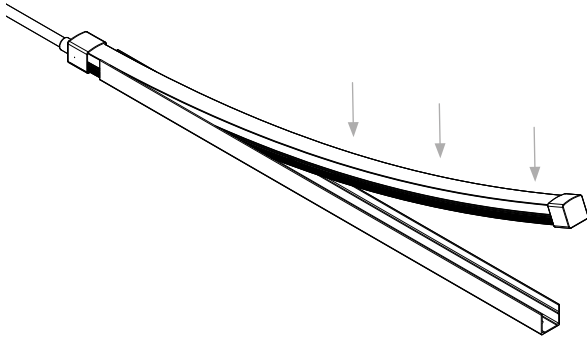




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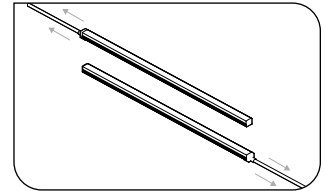
Installation Instructions — Surface Channel

- 3 | Starting at one end, place product in channel and press down along entire length with your palm.



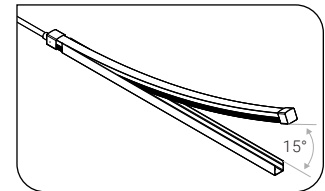
POWER FEED

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



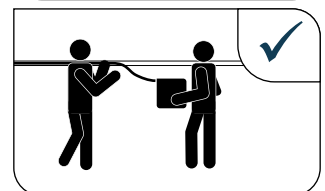
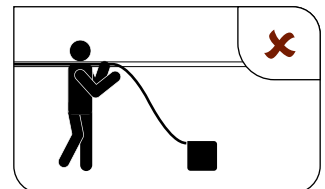
BENDING

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



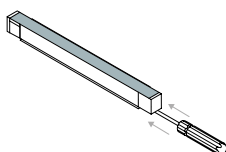
TWO PEOPLE REQUIRED

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 Endurawave does not exceed maximum bending angle.

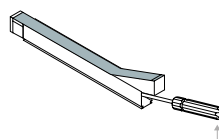


UNINSTALLING

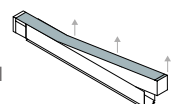
Prepare screwdriver at the base between the channel and the product.



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°).

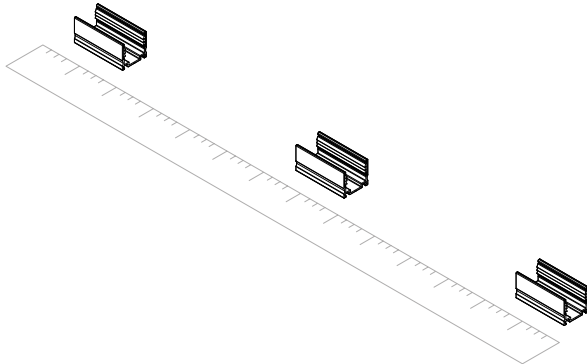




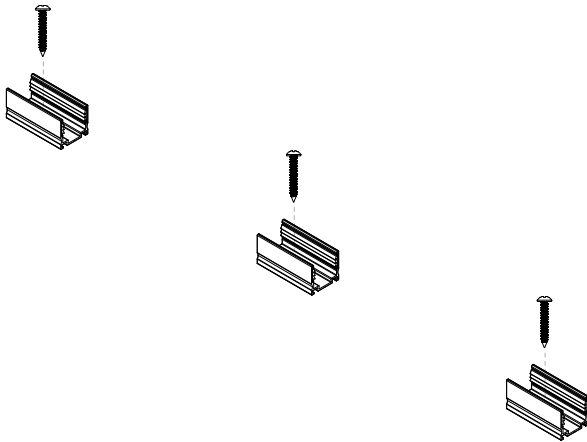
Endurawave® Narrow White Light

Installation Instructions — Clips

- 1 Determine clip layout and mark clip location on mounting surface. Place a mounting clip minimum every 12 inches. Ensure that Endurawave does not exceed maximum bend angle.

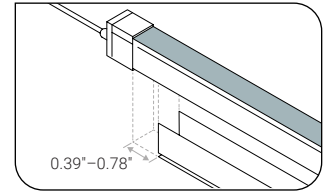


- 2 Screw clip through pre-drilled holes directly into mounting surface.



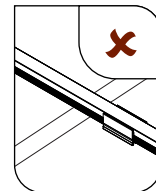
PROFILE LENGTH

Reserve 0.39"–0.78"
(10–20mm) distance between
the end cap and channel.



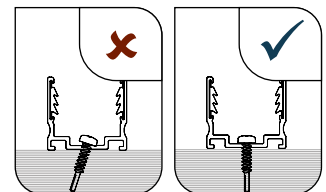
EXPANSION JOINTS

Do not span Endurawave
over building expansion
joints.



PROFILE SECURING

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

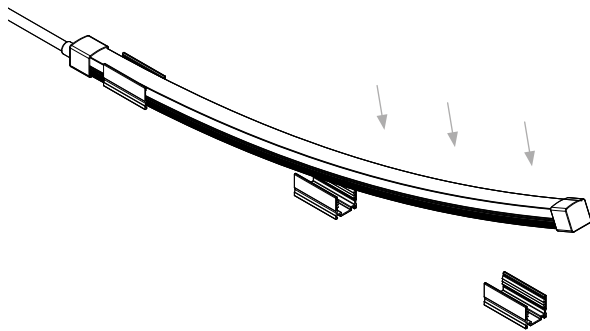




Endurawave® Narrow White Light

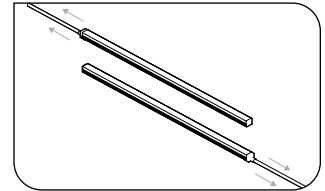
Installation Instructions — Clips

- 3 | Starting at one end, place product in clips and press down along entire length with your palm.



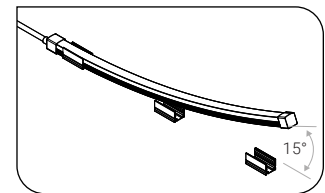
POWER FEED

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



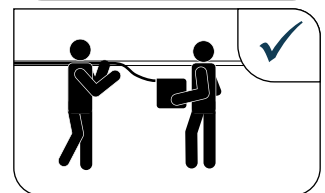
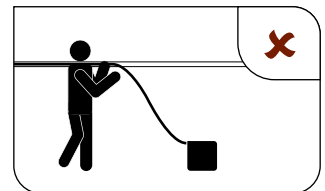
BENDING

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



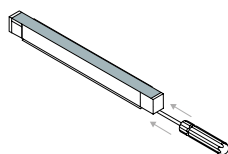
TWO PEOPLE REQUIRED

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

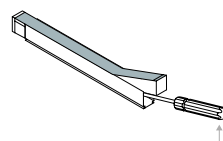


UNINSTALLING

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



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



Ensure that the product does not hang or exceed maximum bend angle when removing from clips. Two people are recommended.

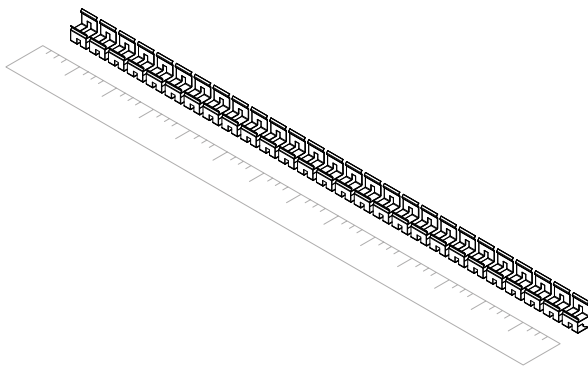




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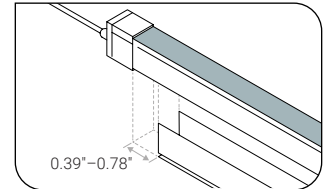
Installation Instructions — Flex Channel

- 1 Measure and cut channel to length as needed.

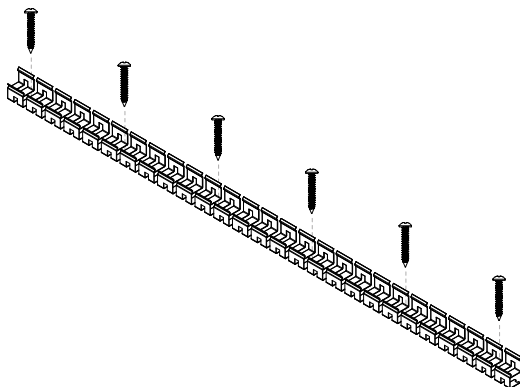


PROFILE LENGTH

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

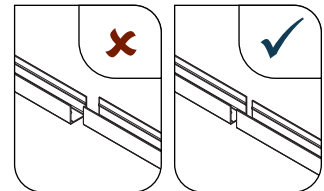


- 2 Screw channel through pre-drilled holes directly into mounting surface. Use 1 screw every 3 inches.



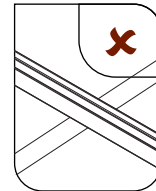
PROFILE ALIGNMENT

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



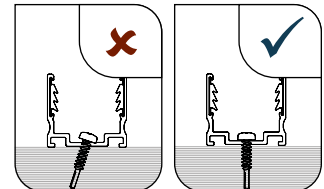
EXPANSION JOINTS

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.

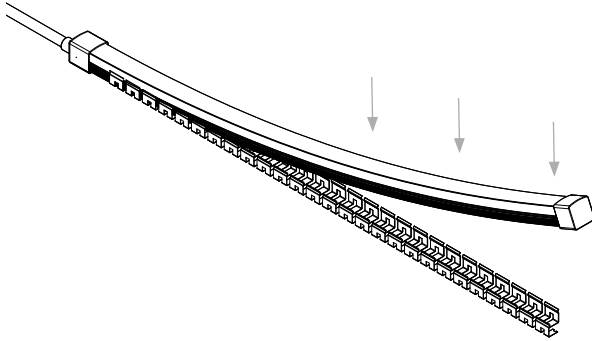




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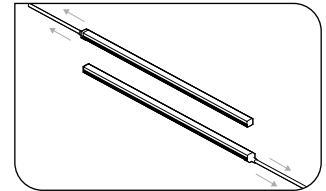
Installation Instructions — Flex Channel

- 3 | Starting at one end, place product in channel and press down along entire length with your palm.



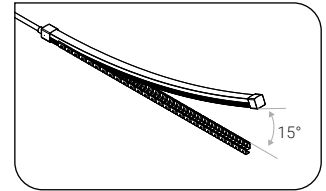
POWER FEED

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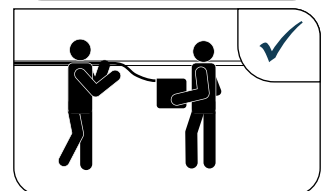
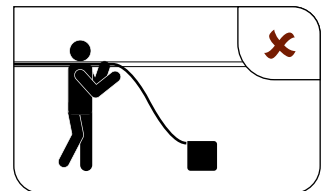
BENDING

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



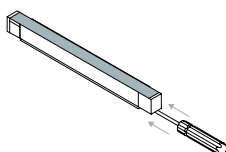
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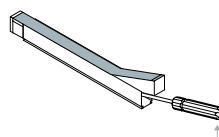


UNINSTALLING

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°).

