

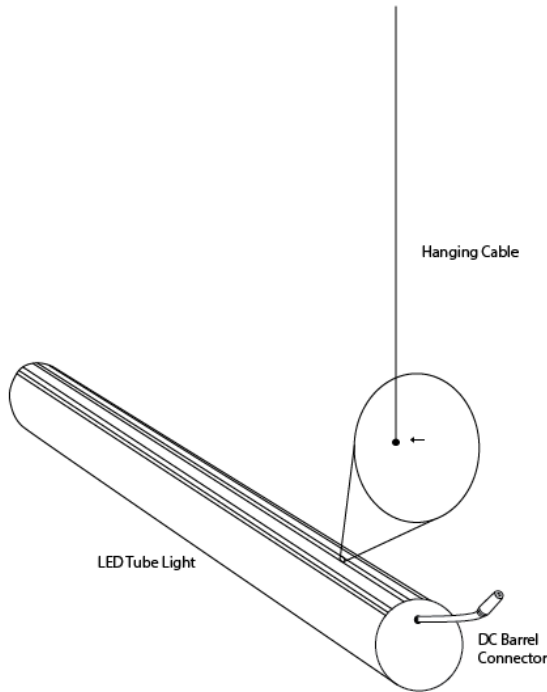


SPEC SHEET: WAVELUX HANGING TUBE LIGHT KIT

The Wavelux Hanging Tube Light Kit makes a great alternative to old fluorescent lighting, while providing rich colors, or high CRI white light that designers love. This kit can be hung by included mounting hardware, or can be mounted horizontally across walls or ceilings. These hanging tube light kits are great for a number of applications, including retail, office spaces, design, or even workshop or game room lighting. The tube light can be installed into any 24V (2A) source, and is fully dimmable (with compatible driver). RGB Tube Light Kit will require a color controller to operate (sold separately).

Size	SKU	Color	Voltage	Brightness	Consumption	RATING
100cm x 20.8cm (~39" x 0.75")	CLA301	Cool White (5000K)	24V DC	1500 Lumens/bar	14.4W/bar	IP20
100cm x 20.8cm (~39" x 0.75")	CLA302	Natural White (4000K)	24V DC	1400 Lumens/bar	14.4W/bar	IP20
100cm x 20.8cm (~39" x 0.75")	CLA303	Warm White (2700K)	24V DC	1300 Lumens/bar	14.4W/bar	IP20
100cm x 20.8cm (~39" x 0.75")	CLA310	RGB (Red, Green, Blue)	24V DC	1320 Lumens/bar	28.8W/bar	IP20

STRUCTURAL DIAGRAM:



LED Fixture - Light apparatus

DC Barrel Connector - Female Receptacle for 24V DC in via standard 5.5mm barrel plug.

Tube Light - Specialized Plastic and Aluminum channel with LED Lights

Hanging Cord - Adjustable length depending on desired length.

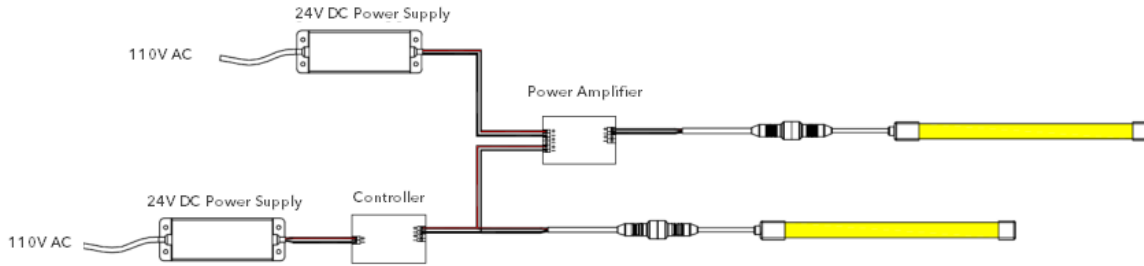
Mounting Hardware - Mounts the hardware to ceiling (shown below)

WIRING DIAGRAM

NON-DIMMABLE



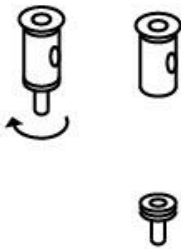
DIMMABLE



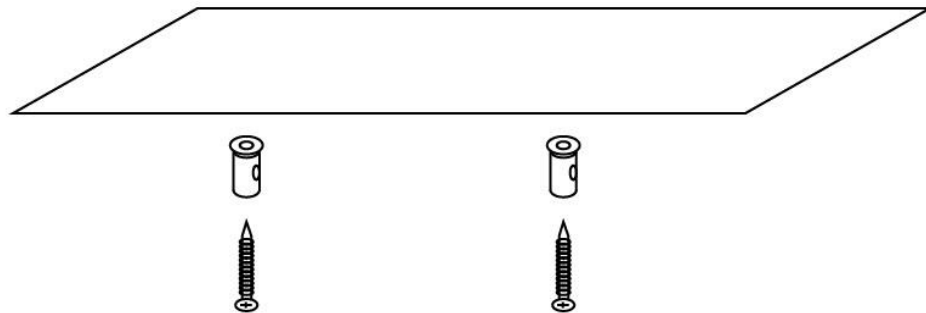
WIRING ASSEMBLY

The Wavelux Hanging Tube light can be assembled in a few easy steps and includes all the necessary pieces to hang. Depending on the material the tube light is hung from, you may need 2 wood, sheetrock or metal screws. If mounting directly to sheetrock, make sure to use sheetrock anchors to ensure a long lasting hold.

**STEP 1:
Install Mounting Bracket**



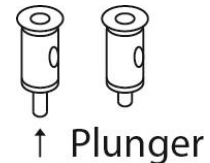
Unscrew the Mounting Bracket on the plunger side to open the bracket. Mark location on ceiling where you want the brackets to hang. The cables attached to the tube light can move to as wide or narrow as desired. The top portion of the install mount is intended to be screwed into the ceiling, wood beam, or drop ceiling.



With the Install mount with the plunger detached, screw main housing into the ceiling. The plunger can be reattached at the end of installation.

STEP 2:

Screw the plunger back into the Install Mount and depress the "Plunger" while simultaneously inserting the Hanging Cord. Be sure to note the direction of the hanging cord. The end with the ball on the end should be inside the tube light to act as a catch for the tube. Continue to depress the Plunger until the cable goes all the way inside the Install Mount. A small oblong hole will allow the cable to extend outside the Install Mount to adjust the height of the hanging hardware.





PRO TIP: It is easiest to tighten the Plunger back onto the install mount (as seen on left) **BEFORE** you push the cable through.

STEP 3:

Once a desired height is found, cut off excess cable with wire cutters. Plug DC cable into 24V 2A power source and enjoy!

FAQ

Can Wavelux Hanging Tube Light Be Mounted Directly to the ceiling or walls?

Yes, optional hardware is available to mount the tube light directly to a wall or ceiling.

Is Wavelux Hanging Tube Light Dimmable?

Yes, the LEDs used are fully dimmable (0-100) through a dimming controller. For help selecting appropriate controller, please contact us for more information.

PRECAUTIONS

- Use 24V DC Isolated Power Supply to drive Wavelux Hanging Tube Light and the confirm ripple wave of constant voltage source is less than 5%. Do not use RC Voltage reduction or non-isolated power supply to drive LED Strip.
- In order to guarantee sufficient voltage is available to drive LED Tube Light in all conditions, make sure power supply is rated for 20% more than LED consumption.
- Do not touch AC Power Supply when powered on
- Polarity Matters! Make sure to wire positive and negative poles of wires during installation to avoid damage to the strip.
- Avoid scratching and distorting of product during installation. Not following this can cause irreparable damage to LED.
- Product is not intended to be submerged or used in outdoor environments.
- Professional installation recommended

Technical Support is available in person, on the phone or over email.

Support: 877-653-6616 | support@futureilluminations.com | 222 SE Alder St. Suite 1 | Portland, OR 97214

Installation Guide: Wavelux Hanging Tube Light

Version 0.5