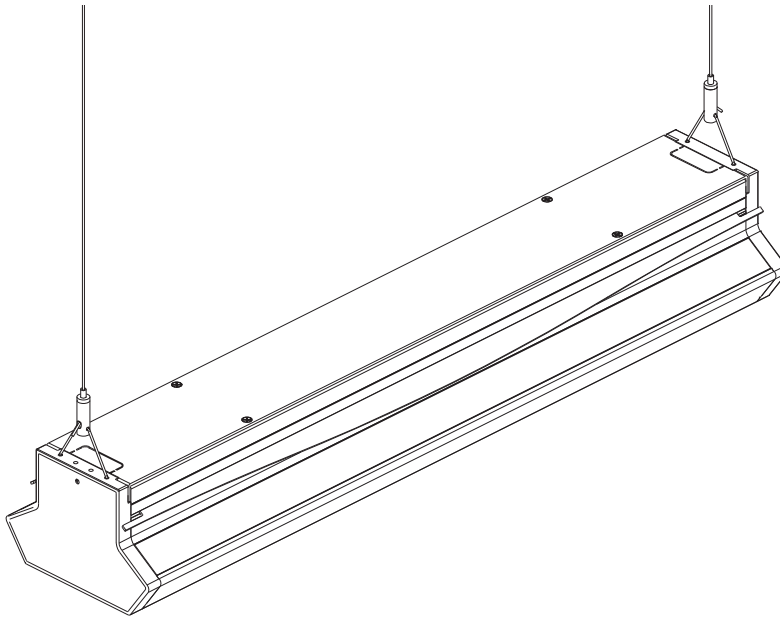




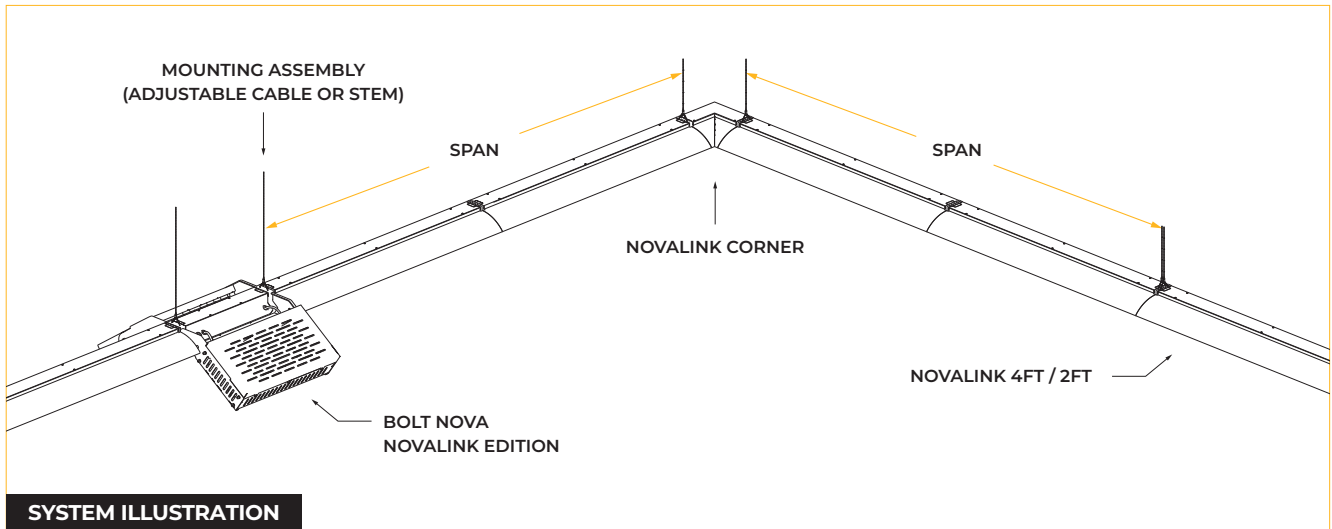
IMPORTANT SAFETY INFORMATION

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

**FOR FIELD ASSISTANCE PLEASE CALL
+1-213-255-2060 #4**

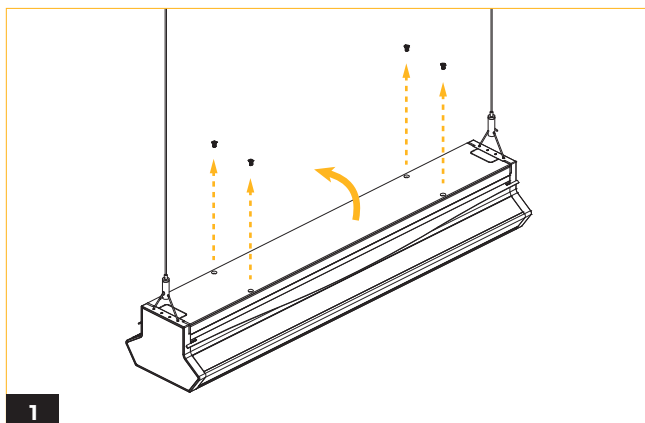
- Before wiring to power supply and during servicing or relamping, turn off power at fuse or circuit breaker.
- All servicing or relamping must be performed by qualified service personnel.
- Product must be grounded to avoid potential electric shock or other potential hazard.
- Product must be installed at locations and heights, in a manner consistent with its intended use, and in compliance with electrical code and local codes.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

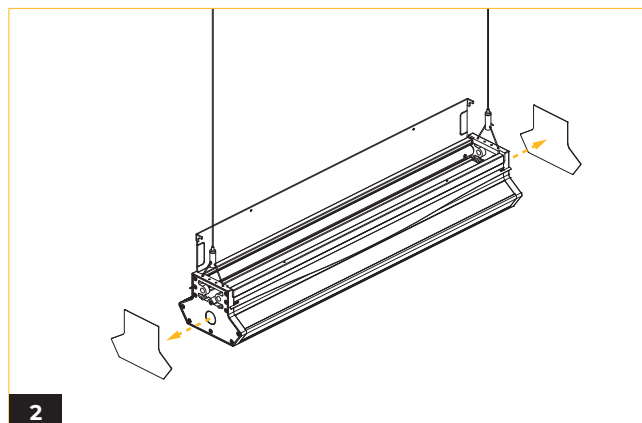


System mounting requirments:

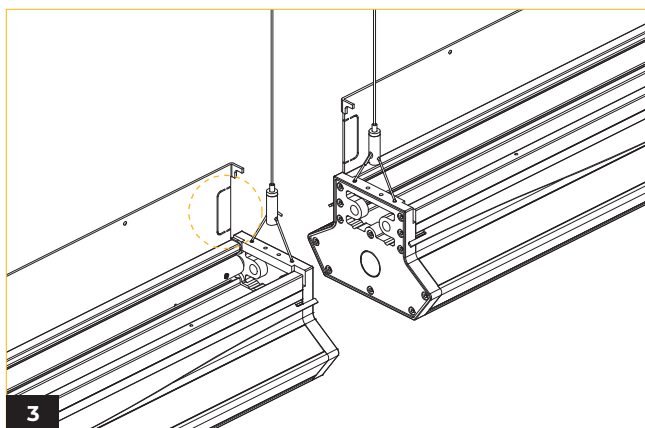
1. Do not exceed a maximum installation span of 8 ft within the system.
2. Use mounting accessories when installing Bolt Nova NovaLink Edition.
3. Install mounting accessories at both the head and tail ends of the NovaLink Corner.



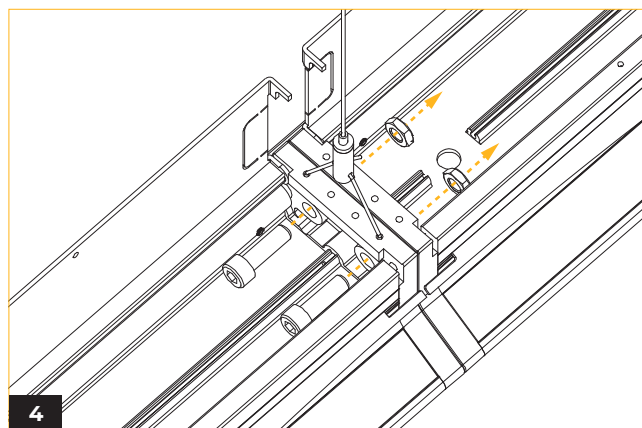
1 Remove the four screws and swing open the hinged top cover to access the internal components.



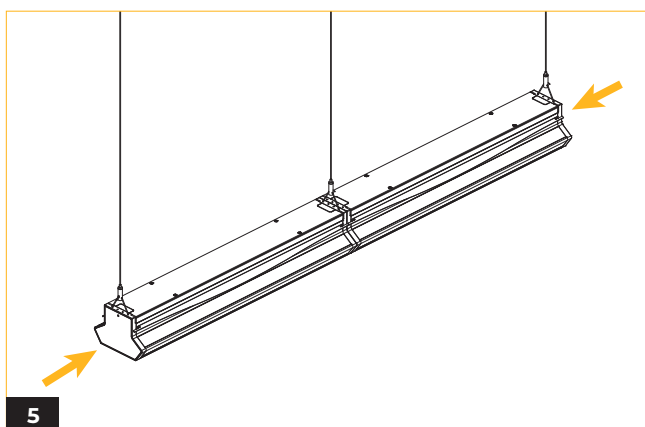
2 Remove the front and rear cover plates, which are held in place by magnets.



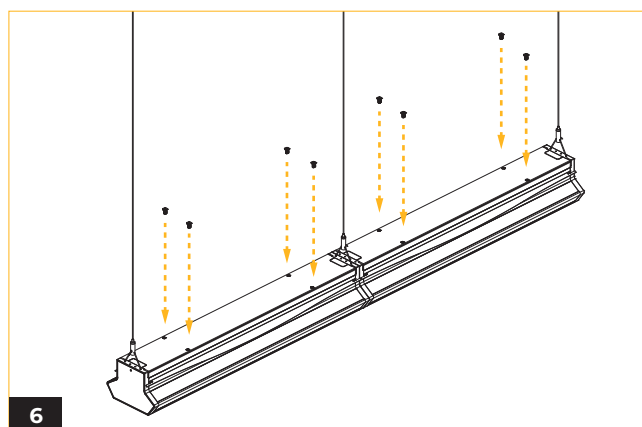
3 Align the fixture with the adjacent NovaLink segment. Remove the rectangular knockout on the top cover to create clearance for wiring where needed.



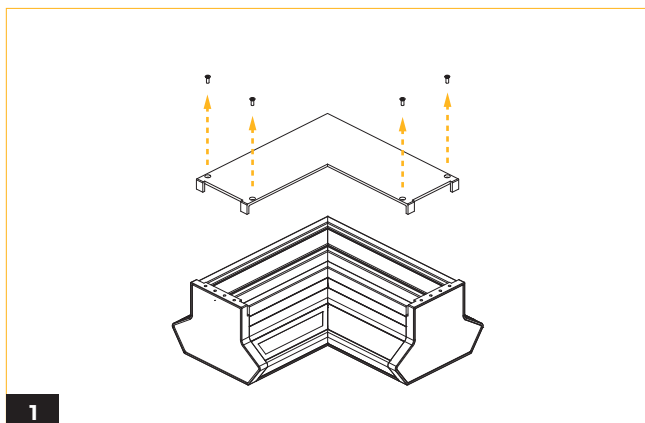
4 Once aligned, join the two segments by inserting screws through the joint holes and securing them with hex nuts. Guide the electrical cables through the railing, then make the connections between the segments according to the wiring diagram.



5 Reinstall the front and rear cover plates.

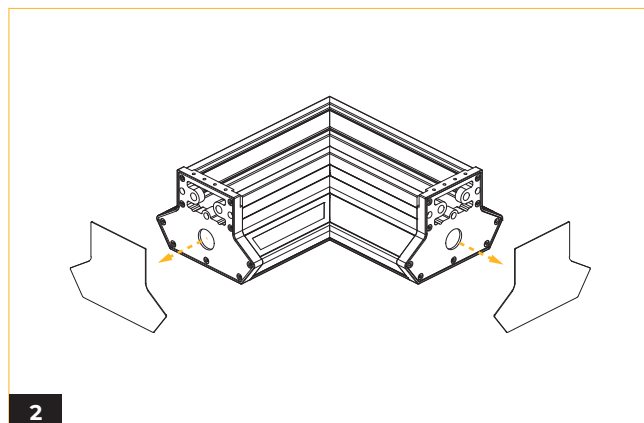


6 Close the top cover and secure it in place with screws.



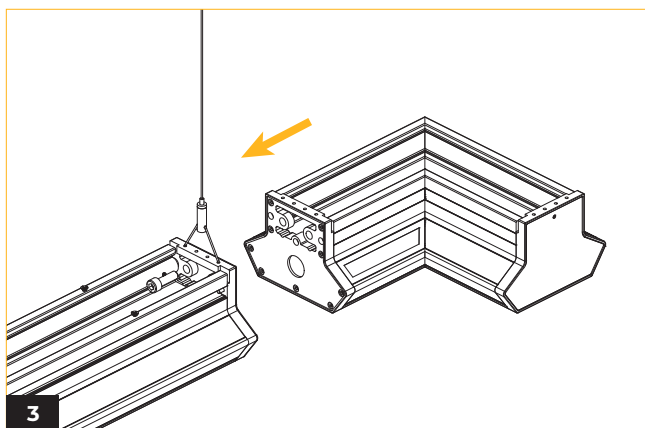
1

Unscrew the four screws from the top cover and carefully remove it from the corner.



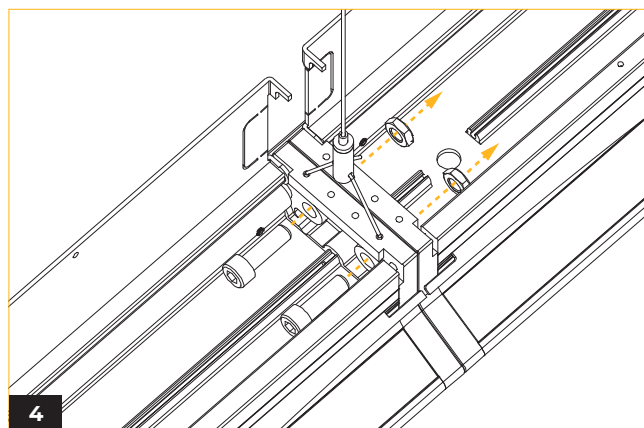
2

Remove the front and rear cover plates, which are held in place by magnets.



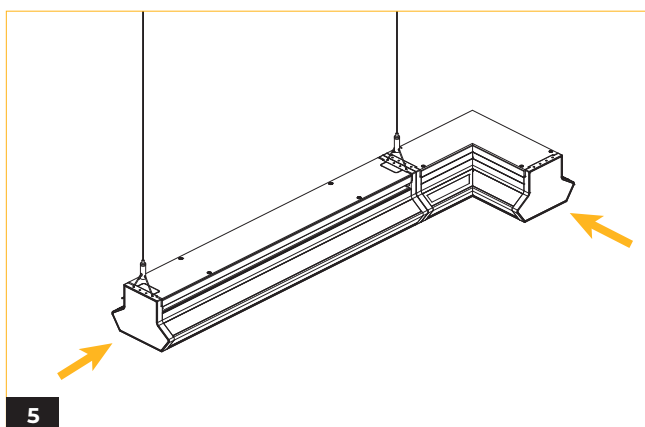
3

Align the corner with the adjacent NovaLink segment.



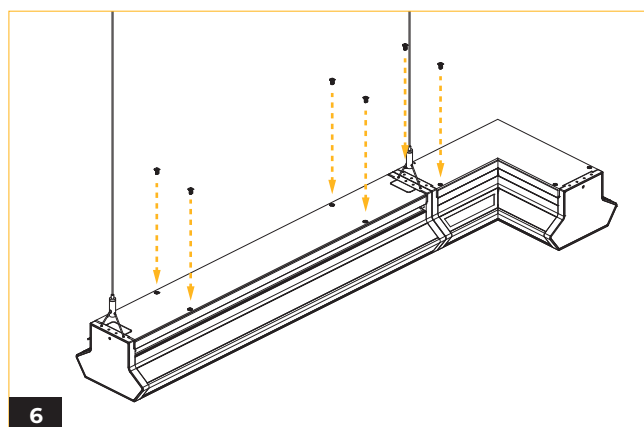
4

Once aligned, join the two segments by inserting screws through the joint holes and securing them with hex nuts. Guide the electrical cables through the railing, then make the connections between the segments according to the wiring diagram.



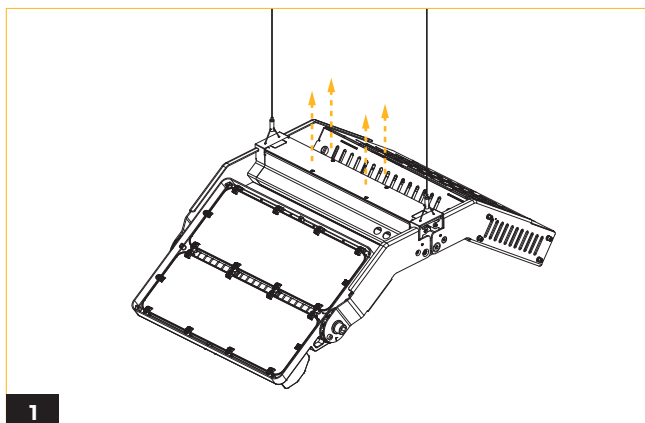
5

Reinstall the front and rear cover plates.

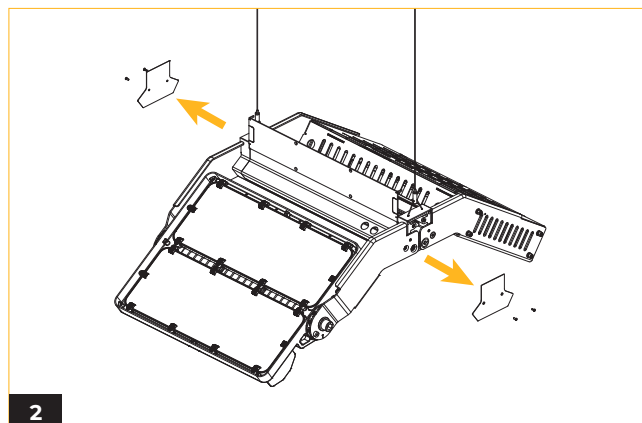


6

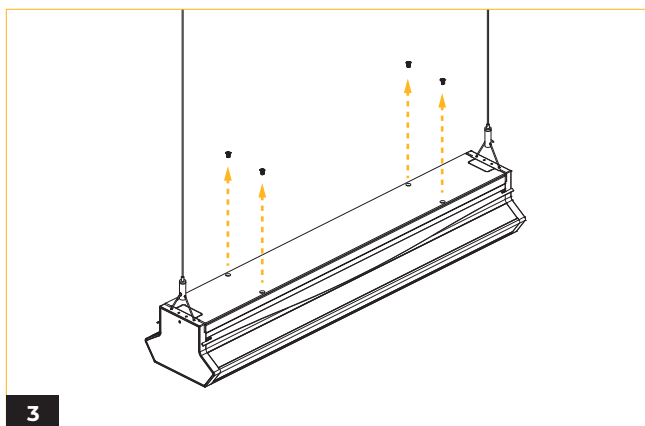
Reinstall the top covers and secure it in place with screws.



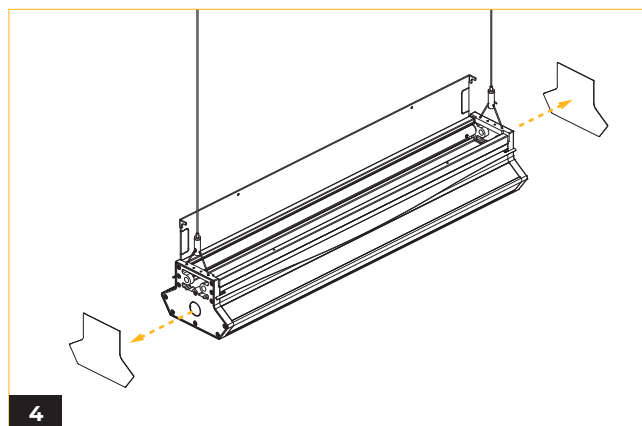
Remove the four screws and swing open the hinged top cover to access the internal components.



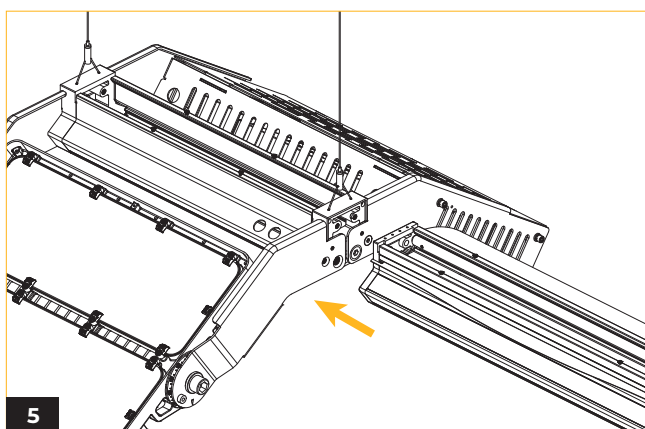
Unscrew and remove the front and rear cover plates.



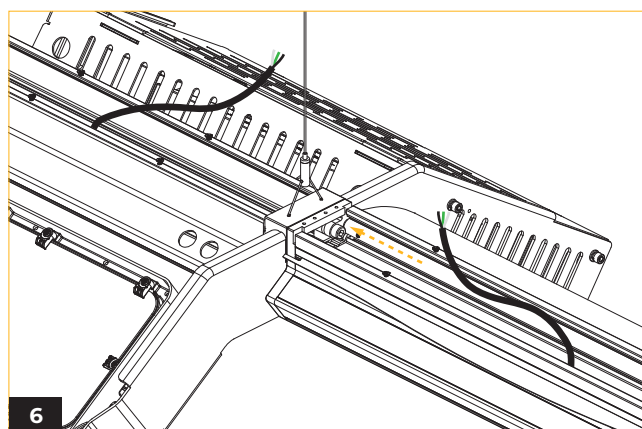
Remove the four screws and swing open the hinged top cover to access the internal components.



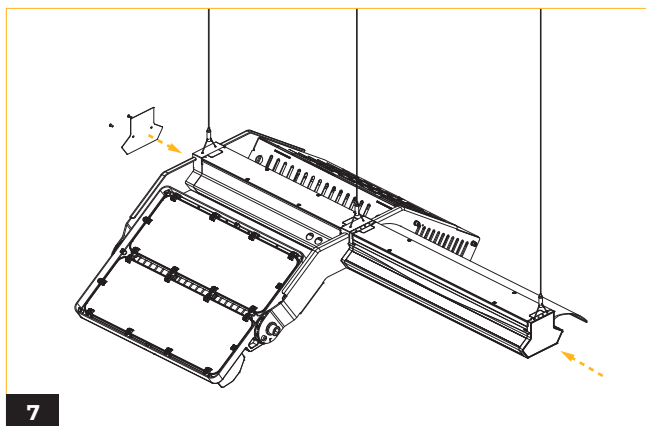
Remove the front and rear cover plates, which are held in place by magnets.



Align the Bolt Nova with the adjacent NovaLink segment.

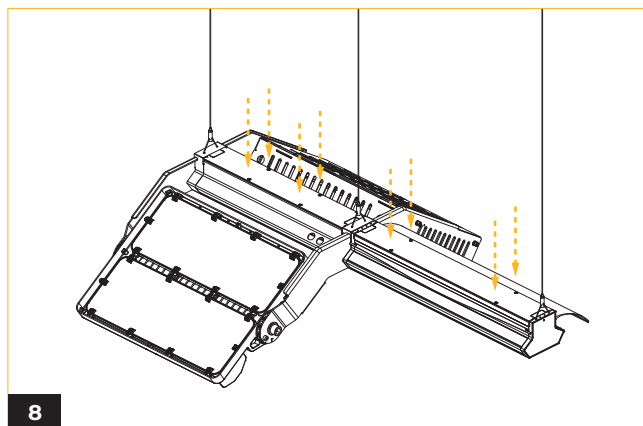


Once aligned, join the two segments by inserting screws through the joint holes and securing them with hex nuts. Guide the electrical cables through the railing, then make the connections between the segments according to the wiring diagram.



7

Reinstall the front and rear cover plates.

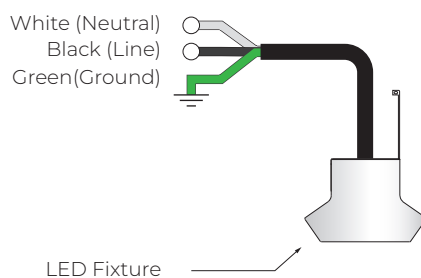


8

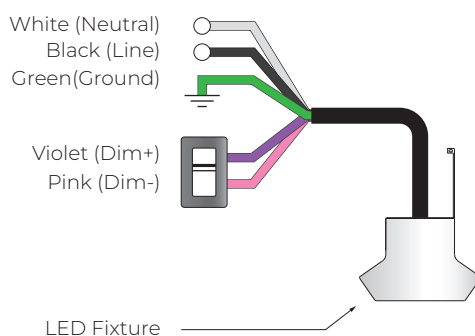
Reinstall the top covers and secure it in place with screws.

WIRING DIAGRAM

NOD



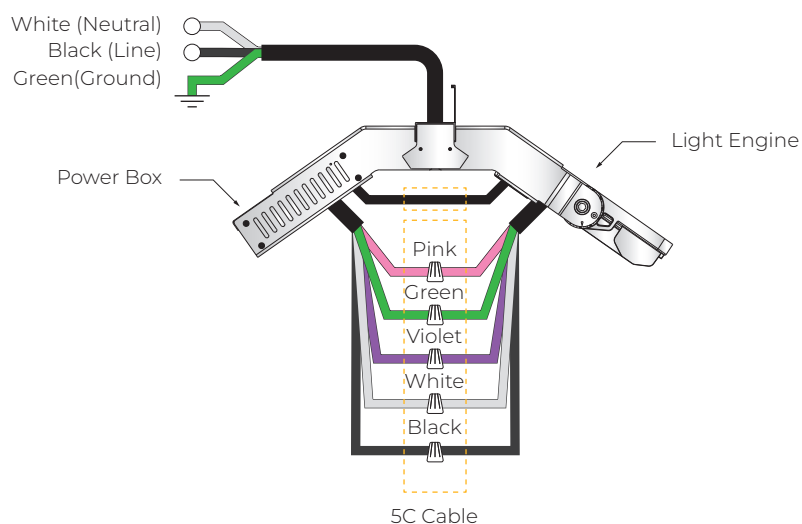
STV 0-10V



WIRING DIAGRAM

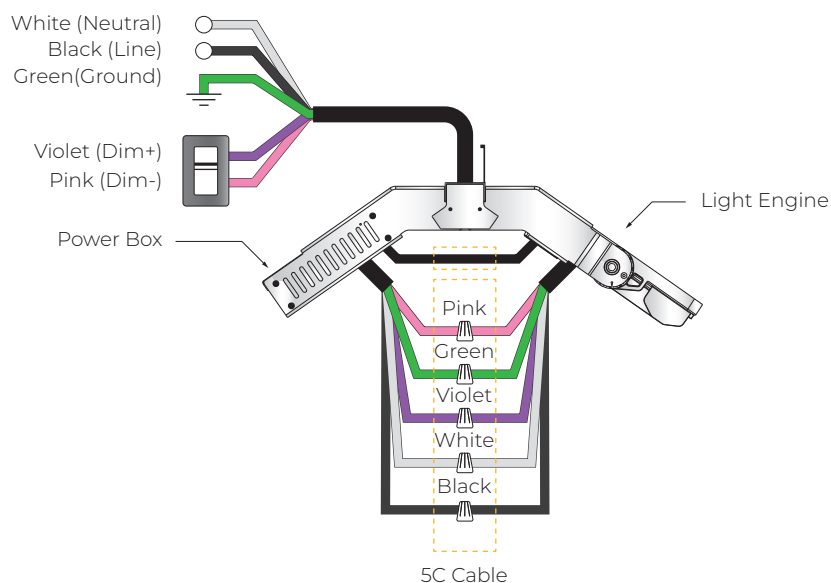
NOD

*Not to scale



STV 0-10V

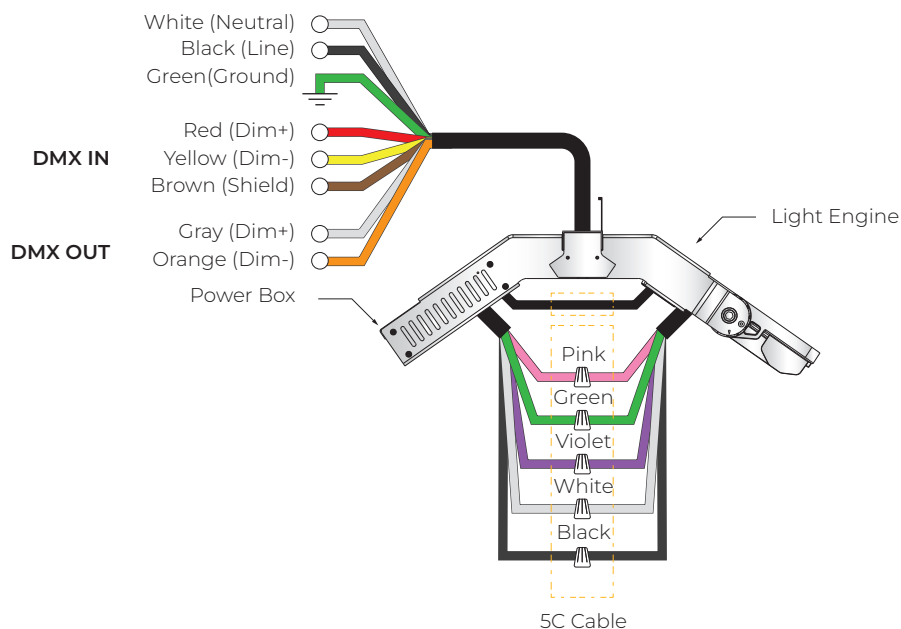
*Not to scale



WIRING DIAGRAM

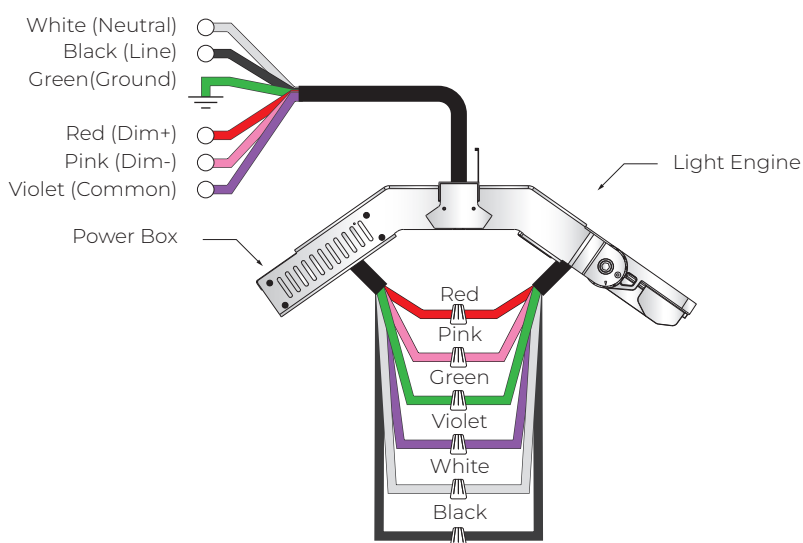
DMX (Static White)

*Not to scale



DMX (RGBW)

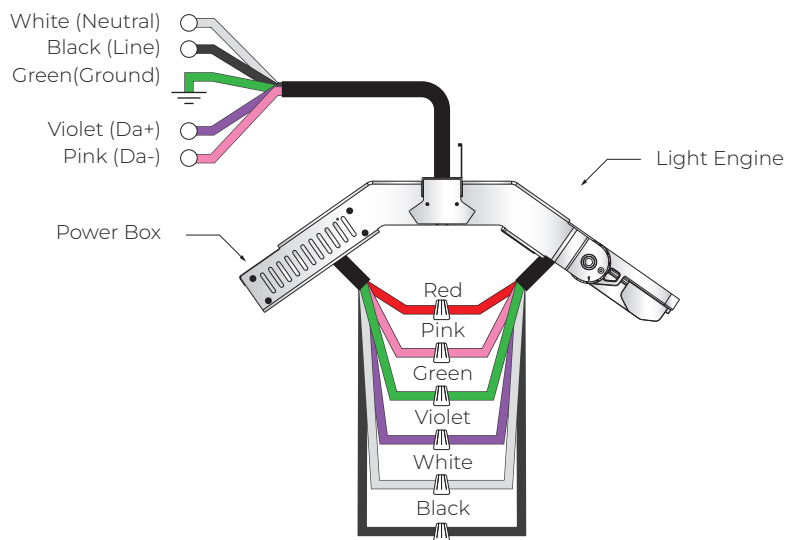
*Not to scale



WIRING DIAGRAM

DALI (RGBW)

*Not to scale



NOTES

Application note : Wiring for DMX/RDM lighting systems

DMX/RDM is a robust and reliable system for lighting control. However, if not implemented correctly, problems can arise such as random flashing of lights, erratic operation and delays in responding to commands. This document explains the best practices in DMX wiring.

Important things to consider are:

1. DMX is a three-wire system. Use all three!
2. DMX is based on the EIA-485/RS-485 standard.
3. Always use cable specifically designed for DMX / RS-485. These cables have an impedance of 120Ω and a low capacitance. For instance : Belden 3106A.
4. DMX must be terminated with a 120Ω resistor to prevent reflections.
5. A daisy chain topology should be used.
6. After 32 unit loads a repeater/booster should be used. (Important : For Tunable White fixtures, After "32" unit loads a repeater/booster should be used.)
7. Keep cabling below 200 meters between the controller and the last driver.
8. It is generally considered good practice to provide separate DMX in and DMX out / DMX Thru connections to your fixture to aid in installation. This can be in the form of pigtails, RJ-45 connectors or 5-pin XLR connectors.
9. Use twisted pair cables with an impedance of 120Ω and a low capacitance.
10. UTP Cat5 or Cat6 network cable can also be used but have a slightly lower impedance of 100Ω.
11. If shielded cable is used, only connect shield to ground on one side (typically, the controller should have its shield terminal connected to ground).
12. Not following the above recommendations may seem to work at first, but can cause problems. Sometimes after weeks of seemingly normal operation.