NEVA MINI PRO 7 & 8 RECESSED

RGBW, Remote 24VDC

installation instructions

INSTRUCTIONS PERTAINING TO RISK OF FIRE OR INJURY TO PERSONS. READ ALL INSTRUCTIONS. IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

DANGER - RISK OF SHOCK - DISCONNECT POWER BEFORE INSTALLATION! Please read all instructions before installation.

- Keep these instructions for future reference.
- Must be installed by a qualified electrician in accordance with national and local standards. Designplan is not responsible for fixtures installed without regard to these standards.
- Unauthorized alterations or tampering of product voids warranty.
- The main power connection must be in ac-cordance with local electrical codes.
- Suitable for OUTDOOR applications.

IP66 IP67 IK06

Electrical Connections:

- LED lights must be **connected in parallel** respecting polarities.
- **CHOOSE POWER SUPPLY ACCORDINGLY.** Please consider the voltage through which fixtures are fed as well as the max power consumption.
- **Connect power only if all the fixtures are connected.**
- The power supplies MUST be installed in aerated rooms, far from heat sources. Overworking or lack of air circulation will not permit natural dissipation.
- Use only Class 2 type electronic power supply.
- Never use switches on secondary circuit.

ATTENTION: **For Wall/Ceiling** - It is the contractor's responsibility to caulk around all the edges between the fixture and the mounting surface to satisfy wet label requirements.
For In-Grade - It is the contractor's responsibility to seal the conduit with "Great Stuff" aerosol seal that prevents water and moisture penetration for ultimate protection. Contractor **MUST** use gel-filled wire nuts.

Maintenance

Scheduled maintenance must be carried out once a year on all lighting devices, regardless of appliance class and type of use. It must include the following operations:

- Check that the glass or plastic lens is intact, and replace it if broken or damaged.
- The internal components such as the driver, washers and screws must not show clear signs of oxidation or rust. Clear traces of rust and oxidation will indicate the presence of water inside the device.
- In the case of damage, the components must be replaced by original components or spare parts.

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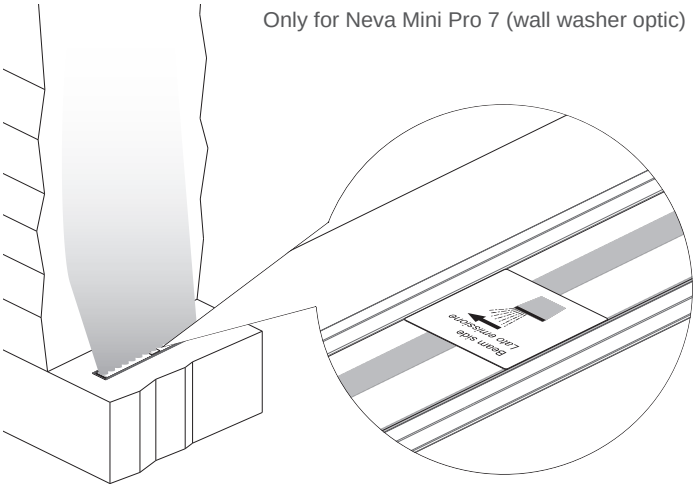
INSTALLATION INSTRUCTIONS FOR LED LAMP

Only for Neva Mini Pro 7 (wall washer optic)

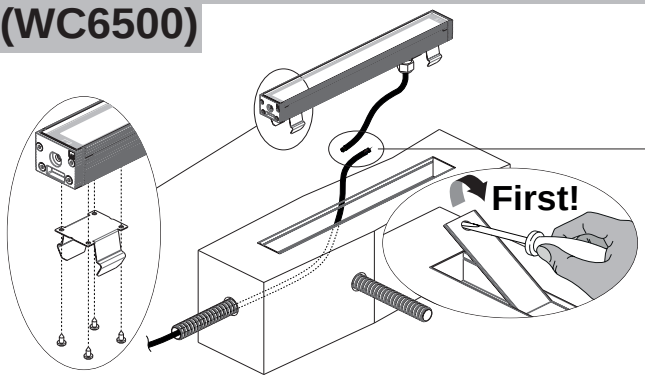


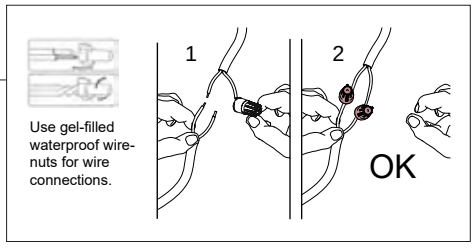
To position the product correctly, use the red label (to be removed after installation) as a reference.

PLEASE NOTE: using the same system, the product can also be installed into walls.

GROUND INSTALLATION WITH OUTER CASING / (WC6500)

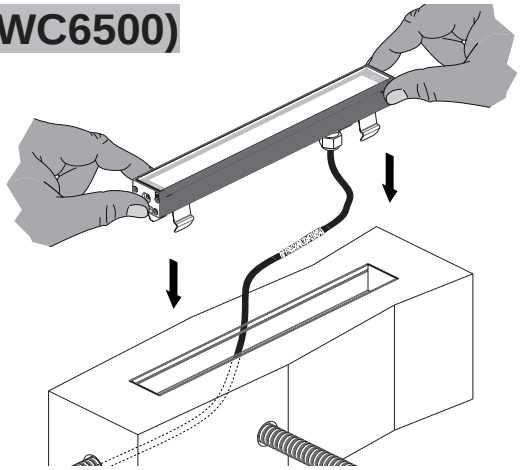
1 (WC6500)





Connect to driver/dimmer in 24Vdc using a suitable terminal board inside a connection box with the correct ingress protection, in accordance with systems regulations.

2 (WC6500)



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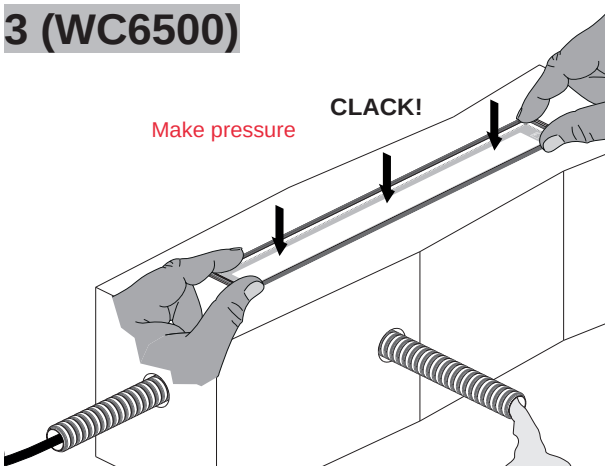

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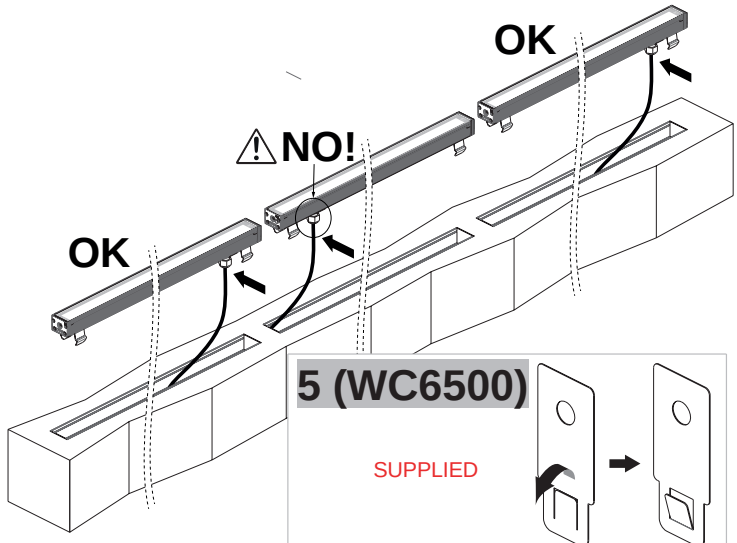
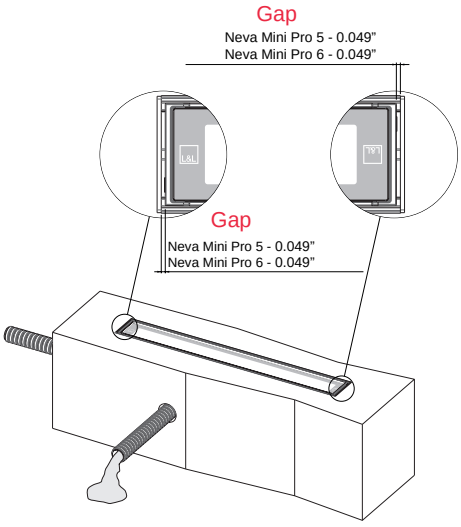
FIXTURE INSTALLATION

4 (WC6500)

Important: when installing multiple products in a line, make sure to position all the fixtures in the same direction, as shown in the diagram.

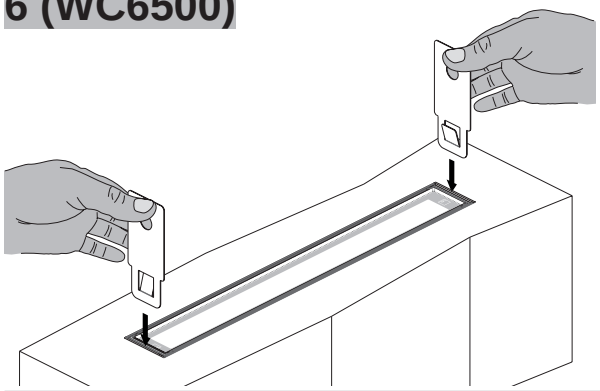




5 (WC6500)

SUPPLIED

6 (WC6500)



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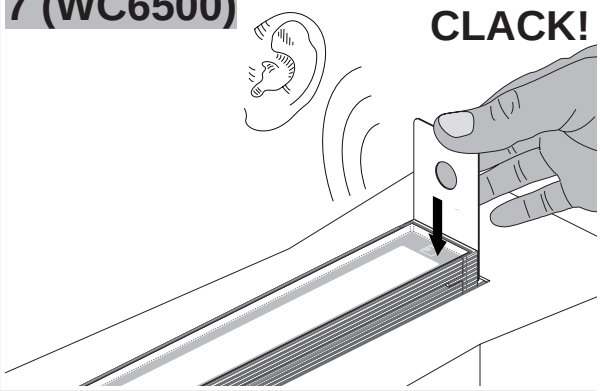
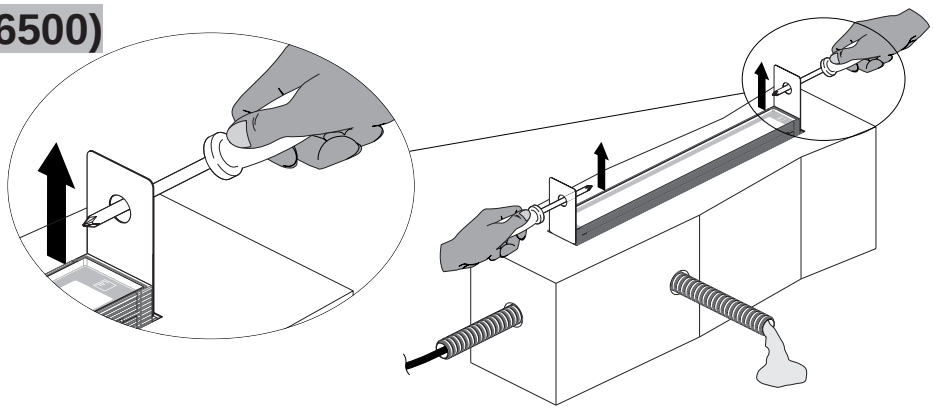


8 (WC6500)



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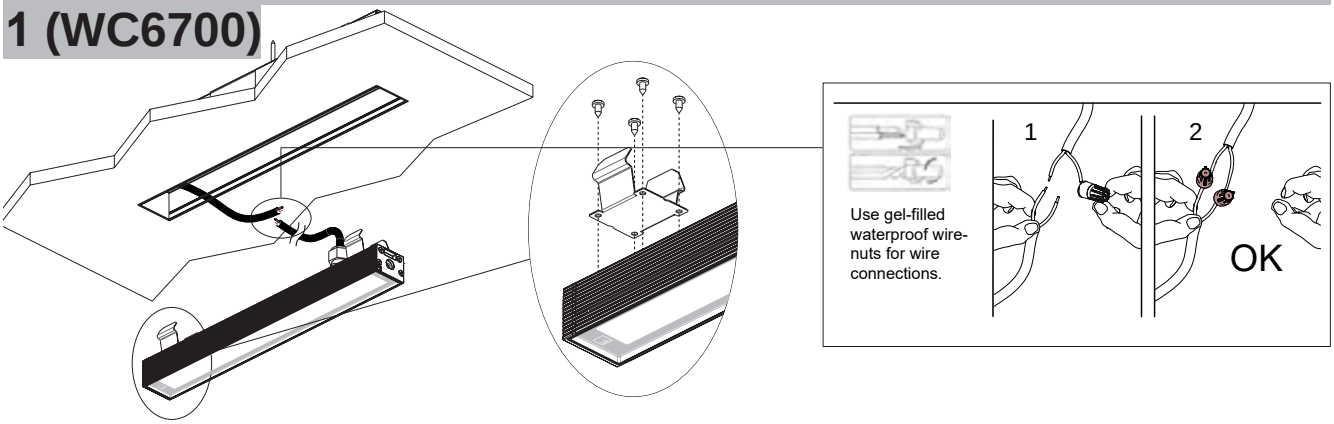
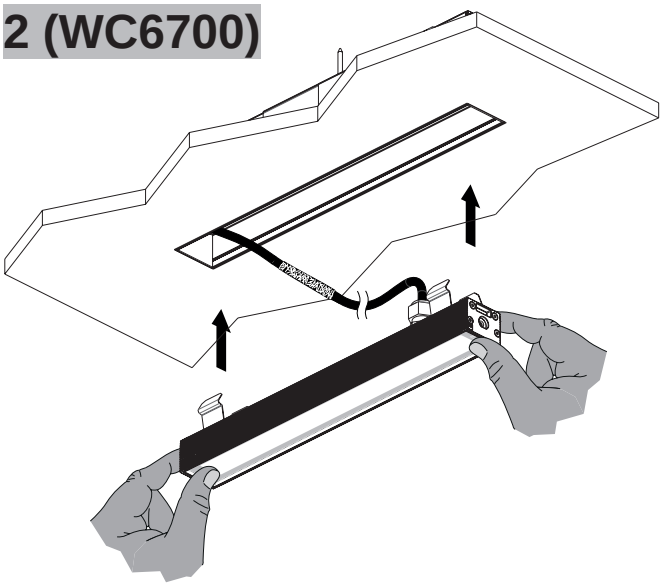
CEILING INSTALLATION WITH OUTER CASING FOR PLASTERBOARD

1 (WC6700)



Connect to driver/dimmer in 24VDC using a suitable terminal board inside a connection box with the correct ingress protection, in accordance with systems regulations.

2 (WC6700)



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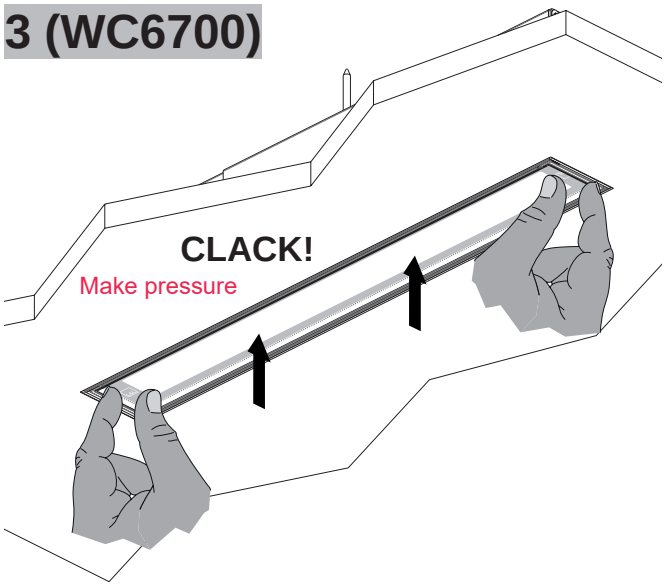

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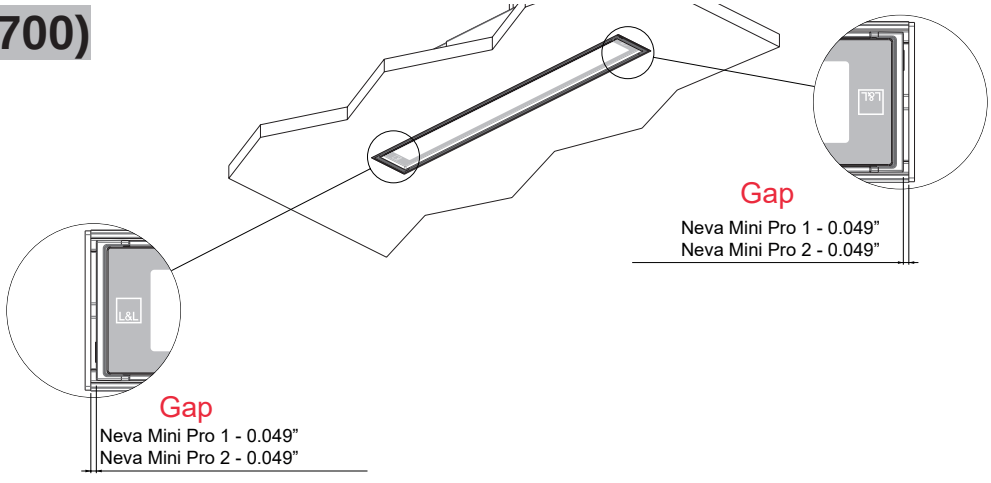

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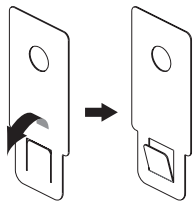
5 (WC6700)

SUPPLIED



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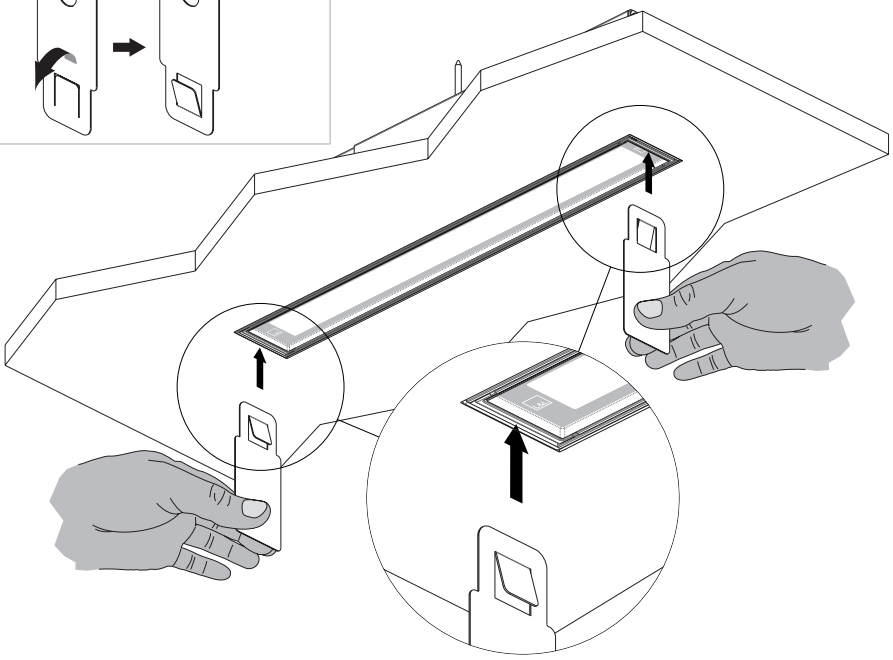

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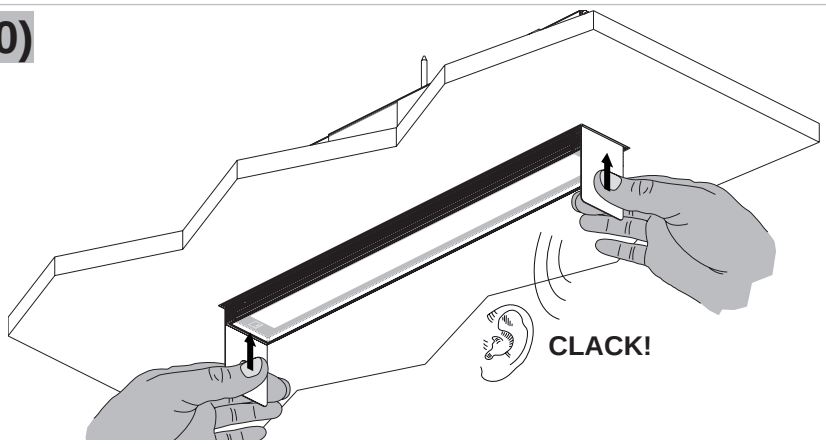

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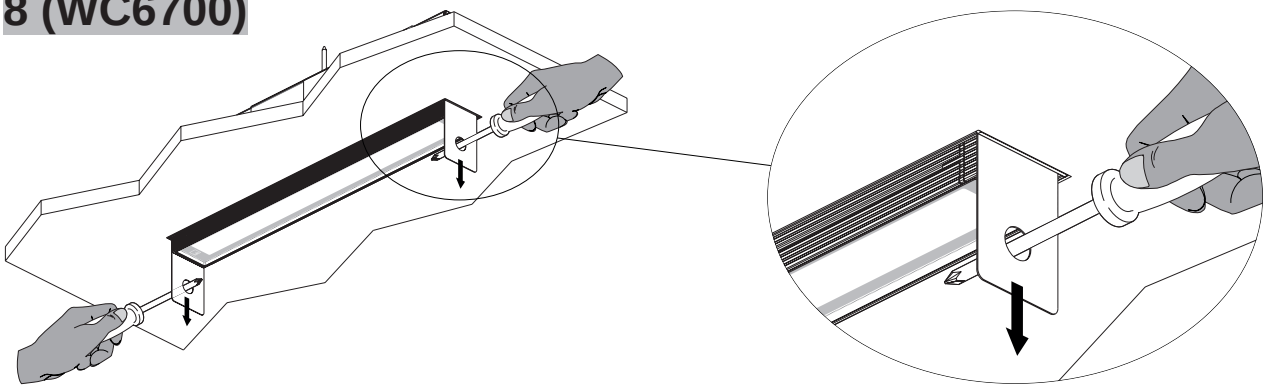

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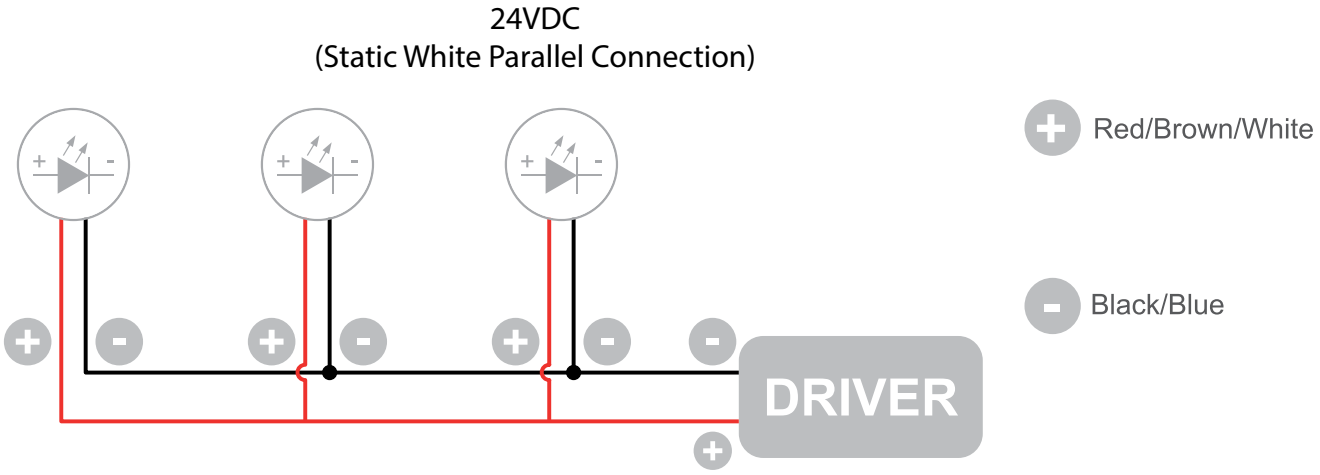
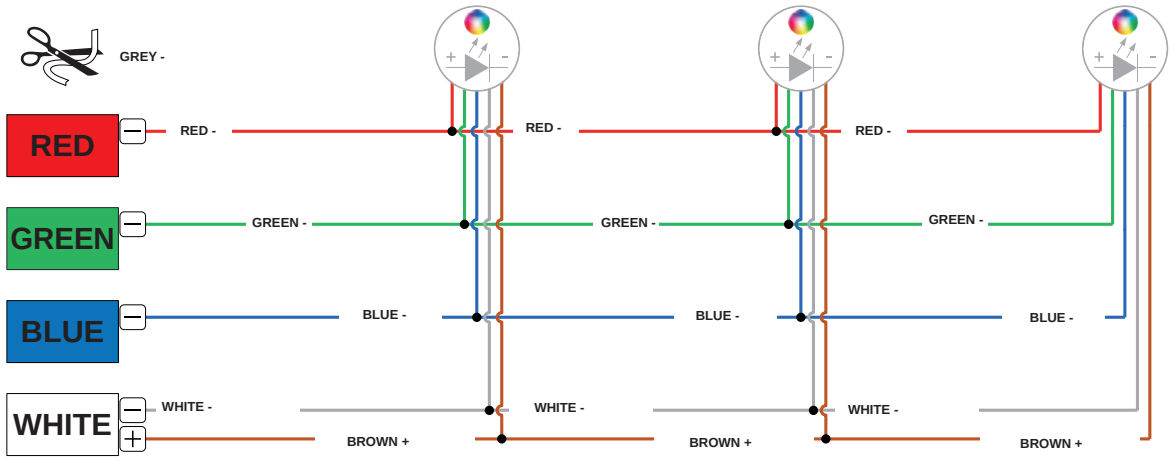
Wiring Diagram



The individual lamps must be connected in parallel. Only power up the system once all the lamps have being connected.

RGBW WIRE DIAGRAM



- Only power up the system once all the lamps are connected. Connecting an individual lamp to an active power supply may cause the lamp to break due to over-voltage.
- The electronic power supply is constant current, so to a certain extent it automatically compensates the voltage drop associated with cable length; however, we advise not exceeding 100 feet.
- Lamps and power supply units must be installed in well-ventilated boxes or locations to allow a natural heat diffusion and avoid the devices overheating.
- On the power system, install a surge protection device to reduce the intensity of any voltage spikes to protect the lighting fixtures from the risk of damage.
- Fixture NOT suitable for covering with thermally insulating material.

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