Remote 24VDC

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 accordance with local electrical codes.
- Suitable for OUTDOOR applications.

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. ٠
- 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:

- Periodically clean fixtures to remove dirt from gratings and screw heads.
- Check tightness of screws on various parts of the device. •
- Check that all cable glands and cables are intact and tight. Check that the glass or plastic lens is intact. • and replace it if broken or damaged.
- The internal components such as the ballast, 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.





IP67

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Housing Installation



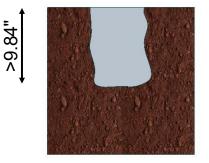
Zero45 24VDC





24VDC

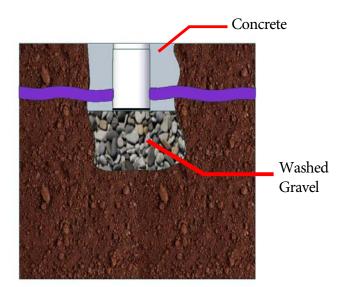








Ф3.15" х 6.5"



Ф2.5" х 4.53"

Φ1.65"x4.53"

YES NO

IP67 protected against the effect of immersion in water between 0.39" and 39.4" for 30 minutes; do not install in hollow areas to avoid water stagnation

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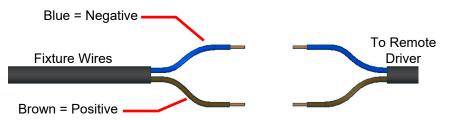


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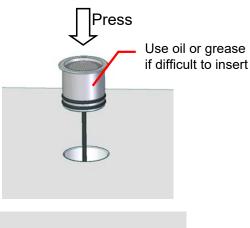
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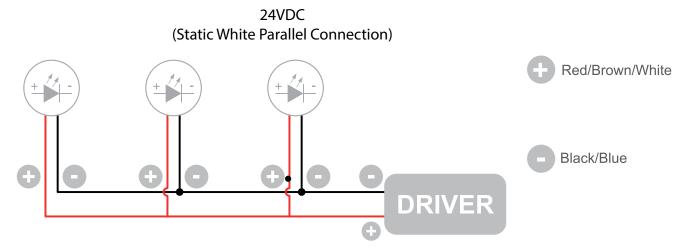




- Use gel-filled waterproof wire-nuts for wire connections.
- It is the contractors responsibility to ensure the connections are watertight and uphold IP67 standards.
- It is contractor's responsibility to install Remote Driver in suitable electric enclosure.
- It is the contractor's responsibility to caulk around the edges between the fixture and the mounting surface, to satisfy wet label requirements.

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Wiring Diagram



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

- 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.
- 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.