



**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.



**IP68, IP69K**

### 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.

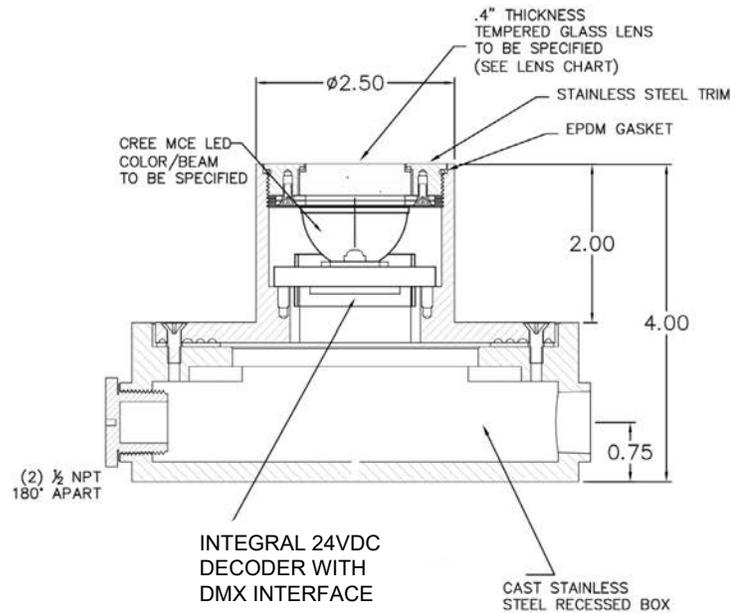
**ATTENTION: For In-Grade** - It is the contractor's responsibility to seal the conduit with "Great Stuff" aerosol seal that prevents water and moisture penetration for ultimate protection. Contractor **MUST** use gel-filled wire nuts.

### Maintenance

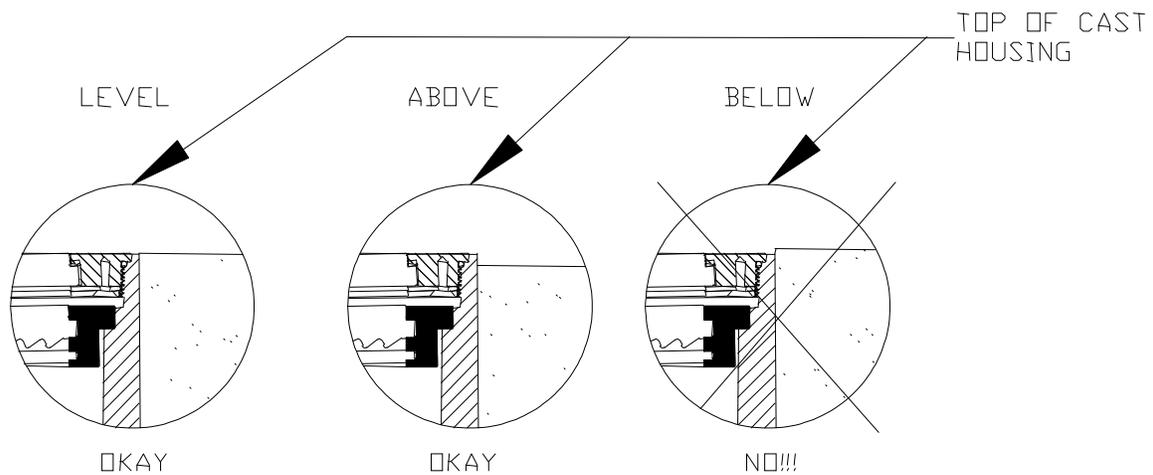
Scheduled maintenance must be carried out once a year on all lighting devices, regardless of appliance class and type of use. It must include the following operations:

- 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.

Location

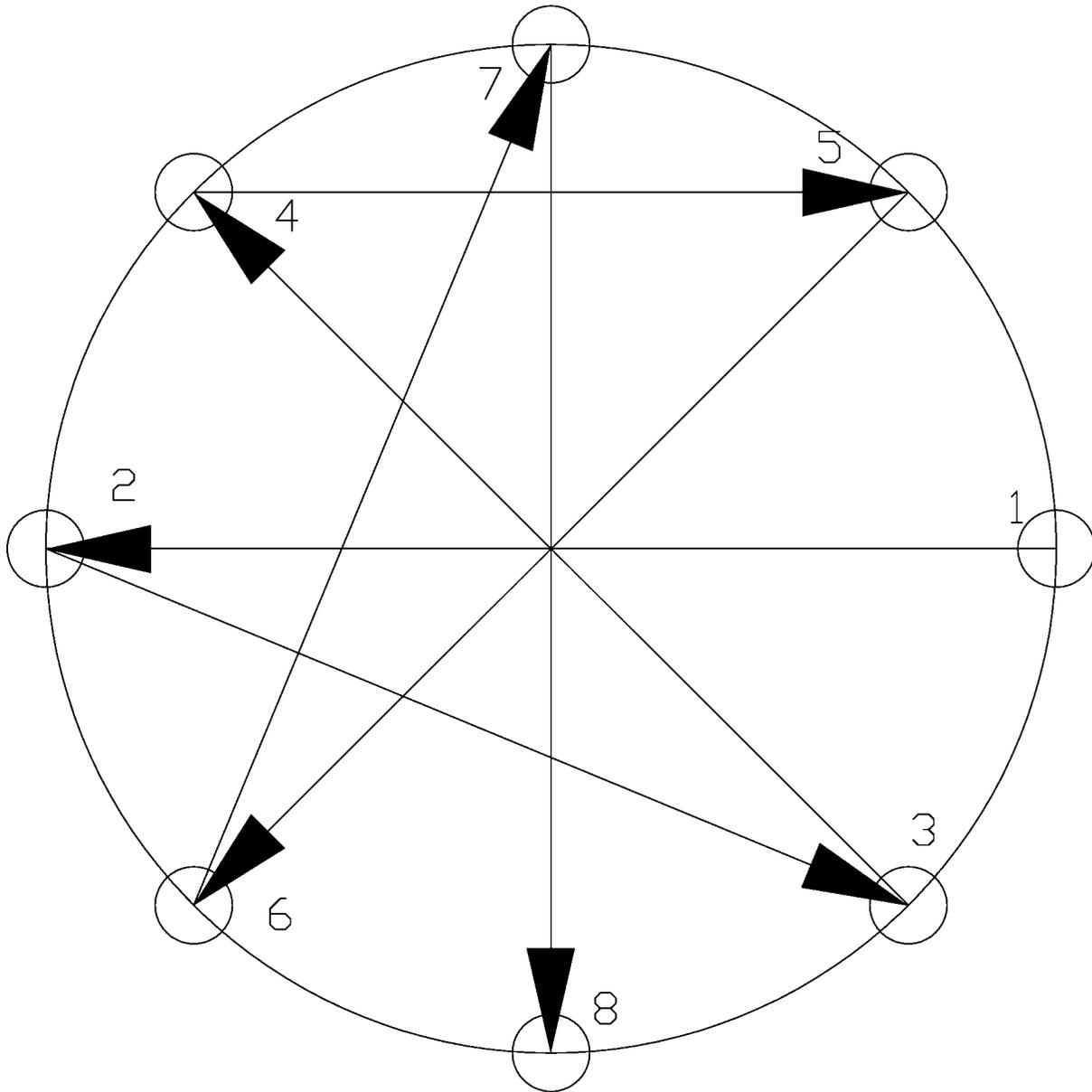


- This model is designed for concrete pour installation. The fixture is IP68 and can be submerged up to 3.0' of water.
- Provide adequate support for fixture base.
- Make sure that the top surface of the body is completely flush with the finished grade when concrete is poured.

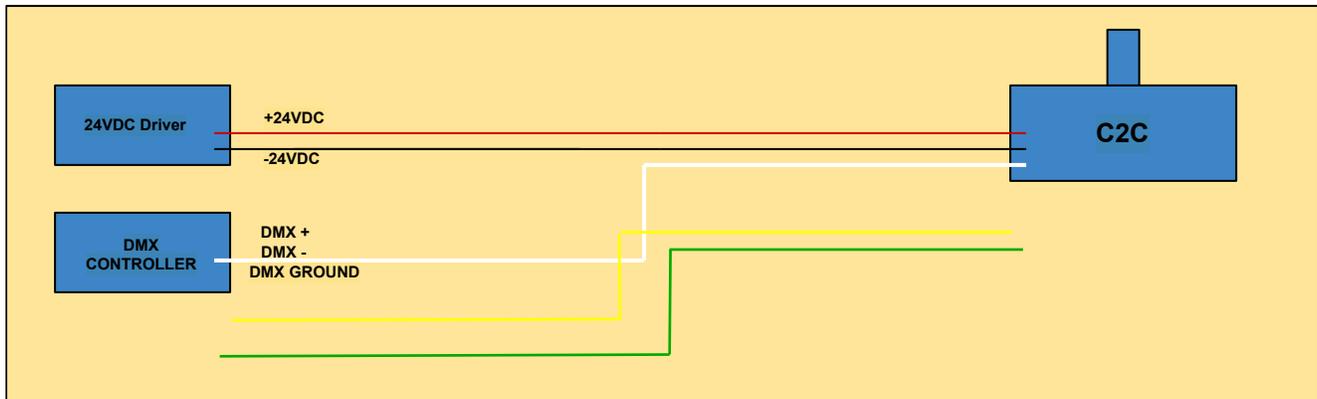


## Fixture Installation

- It is the contractor's responsibility to install Remote Driver in a suitable electrical enclosure.
- The large housing box is provided with two - 1/2" NPT holes. Use a proper IP68 liquid tight fittings on either hole or plug the hole as required. If using conduit entries, the entries must be sealed with "Dow 'Great Stuff' Gaps & Cracks" (not provided). The foam should be sprayed from inside the fixture up into the conduit. Failure by the contractor to use the Dow product could cause a void in the warranty.
- Before installing the mounting plate of the C2C over the large housing box, make certain the surface is free of any foreign matter.
- Tighten the C2C mounting plate to the large housing box with the eight- (8) screws provided ([see attached sheet for proper mounting sequence](#)).
- Make certain all lenses are hand tight utilizing the special spanner wrench provided. Make sure fixtures are adequately supported and all connections properly and securely wired before applying power to driver.
- Use gel-filled waterproof wire-nuts for wire connections.
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## POWER AND DMX Wiring Diagram



1. This RGBW product is provided with integral DMX decoder. DMX decoders are factory set to **Channel #001 (1-4)**.
2. Some RGB/RGBW product features DMX decoders that require factory addressing (consult data sheet or factory for type of decoder provided)(if applicable)
3. Some RGB/RGBW products feature DMX decoders with RDM function and are field addressable (consult data sheet or factory)(if applicable)
4. Decoder is factory connected to RGBW LED module provided with fixture.
5. Decoder requires power from remote 24VDC driver purchased separately.
6. Never connect the decoder directly to 120VAC. Connecting directly to 120VAC line voltage will damage the decoder instantly.
7. To control the LED module DMX leads on the decoder need to be connected to DMX controller (provided by others).
8. It is up to the installer to select proper DMX controller, select proper connecting cables, determine connecting cord size and length, and make proper connections.
9. Installer must determine if the long connecting cord will affect DMX signal.
10. It is recommended that DMX control experts are consulted for installations involving multiple fixtures and long connecting DMX cables.
11. It is recommended that all DMX connections are tested for proper polarity and DMX signal strength before final installation.
12. It is recommended that fixtures are tested for functionality before final installation.
13. When Initially powered with 24VDC LED module in the fixture will illuminate and cycle through all colors.
14. Multiple Modules will initially cycle in sync but may go out of sync after some time (this is normal)
15. When DMX controller is initially powered LED Module or all Modules will go dark and will respond to the adjustments on the controller ( make sure controller is set to control Channel #001 (1-4).