



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.



**CIELO MEDIUM
DMX RGBW**



**CIELO MAXI
DMX RGBW**



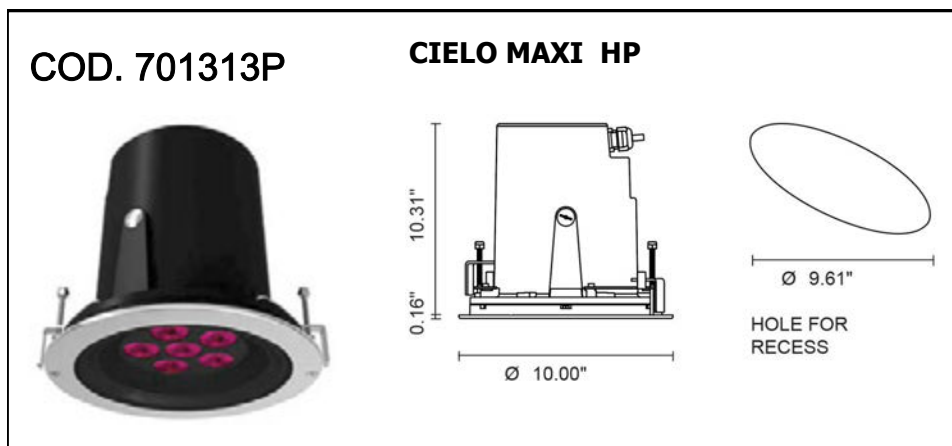
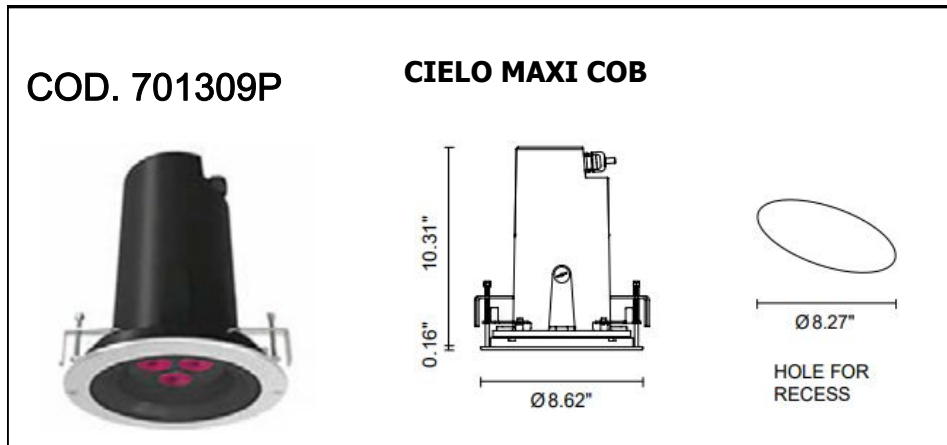
IP67 IK10

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.

FIXTURE DIMENSIONS:



Choice of installation location

The unit should be positioned so that when in use is not subject to direct radiation from the sun or other heat sources . High temperatures reduce the life and efficiency of the components or the LED module .

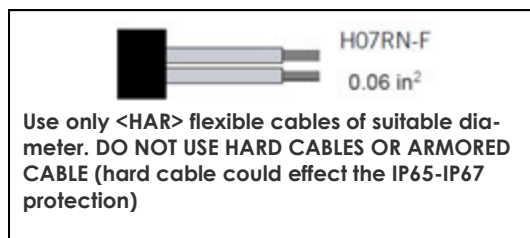
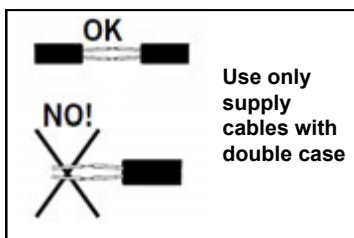
Note on corrosion protection

- Install recessed in the ground so that water can flow away from the surface of the device. Both for the recessed directly in the ground , both for the use of a recessed housing , it is necessary to perform a further drainage , for example , using a bed of gravel.- For installation and maintenance must be especially careful not to damage the coating powder . Damage combined action of water could cause corrosion. Recommend mounting the device to the floor with a pH value between 5 and 8. In ambient environment the assembly and maintenance of all components require the appropriate security measures . The chemicals damage the corrosion protection

INSTALLATION:

- SWITCH-OFF THE POWER SUPPLY BEFORE CARRYING OUT ANY MAINTENANCE OPERATIONS

1. Prepare a hole for recessed diam 8.27" (tolerance +0.02"-0.02")
2. Connect the power cable to the initial power supply line using the appropriate connector , regulate the light beam position, acting on the lateral screw by a screwdriver (before unscrew and remove the covering cup)
3. Insert the device into the ceiling tighten the two screws on the front ring .

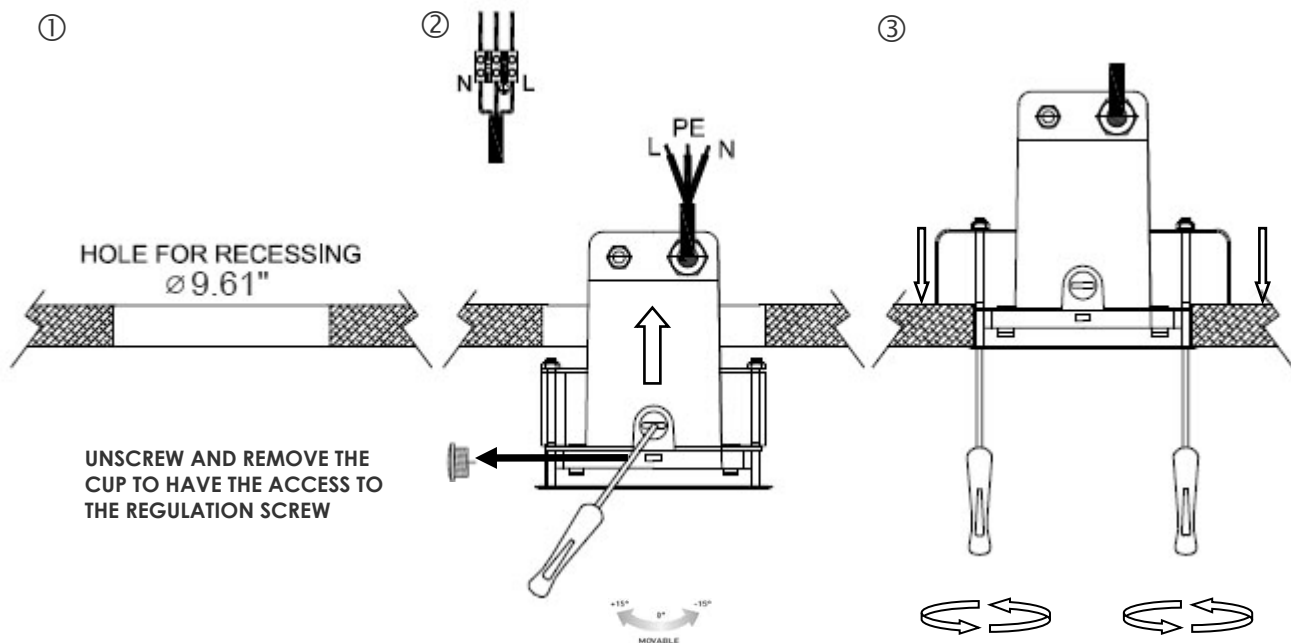


CIELO MAXI /MEDIUM DMX RGBW

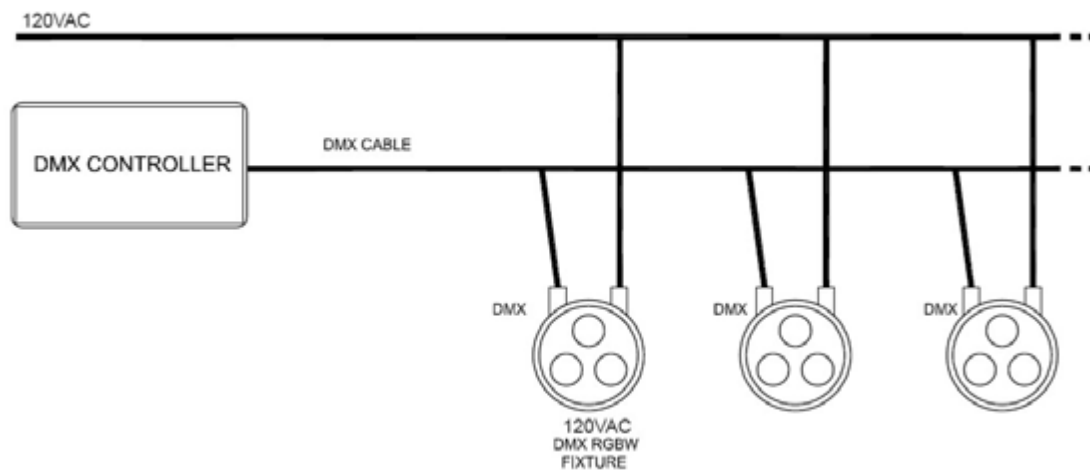
14W, 28W, REMOTE 24VAC

designplan®

installation instructions



WIRING DIAGRAM WITH DMX CONTROLLER FOR CIELO MAXI HP DMX RGBW

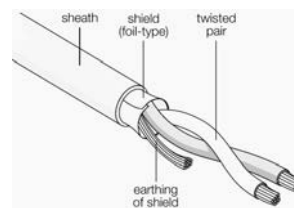


DMX/RDM is a robust and reliable system for lighting control. However, if not implemented correctly, problems can arise such as random flashing of lights, erratic operation and delays in responding to commands. This document explains the best practices in DMX wiring.

The DMX controller sends signals over the DMX cable to the drivers. At the last driver, the cable has to be terminated with a 120Ω resistor to prevent reflections of the signal.

Important things to consider are:

- Always use cable specifically designed for DMX / RS-485. These cables have an impedance of 120Ω and a low capacitance.
- For instance: Belden 9841 or 3105a.



Belden 9841 cable

DMX must be terminated with a 120Ω resistor to prevent reflections.


- A daisy chain topology should be used.
- After 32 unit loads a repeater/booster should be used.
- Keep cabling below 984.25 feet between the controller and the last driver.



See the connector accessory instruction

CLASS I



| | | |
|---|---------|--------------|
| L | Life | Brown |
| N | Neutral | Blue |
|  | Earth | Yellow-Green |

(NOT SUPPLY)

