



**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.



**IP65 IK09**

**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.

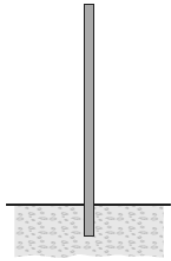
**For In-Grade** - It is the contractor's responsibility to seal the conduit with "Great Stuff" aerosol seal that prevents water and moisture penetration for ultimate protection. Contractor **MUST** use gel-filled wire nuts.

## 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:

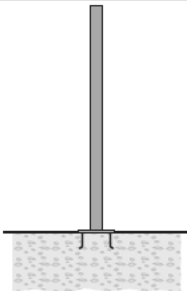
- Periodically clean fixtures to remove dirt from gratings and screw heads.
- Check tightness of screws on various parts of the device.
- Check that all cable glands and cables are intact and tight. Check that the glass or plastic lens is intact, and replace it if broken or damaged.
- The internal components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

**BURIED POLES**



CODE	ARTICLE	HEIGHT	DESCRIPTION
809901	CYLINDRICAL POLE 11.48' FEET TO BE BURIED	0.14"	Cylindrical pole made in steel S235JR hot galvanized, diameter 2.99", thickness 0.16". Phospho-chromatised and polyester powder coated. <b>Total height including 19.69" to be buried into the ground. Includes IP54 cover plate 5.20"x1.50" and terminal block in double insulation.</b>
809902	CYLINDRICAL POLE 14.76' FEET TO BE BURIED	0.18"	
809903	CYLINDRICAL POLE 18.04' FEET TO BE BURIED	0.22"	
809908	ADAPTER DIAM. 2.99" → 2.36"		Adapter for pole diam. 2.99" , allow the diameter reduction to 2.36"

**POLES WITH BASE-PLATE**



CODE	ARTICLE	HEIGHT	DESCRIPTION
809904	CYLINDRICAL POLE 9.84 FEET WITH BASE-PLATE	0.12"	Cylindrical pole made in steel S235JR hot galvanized, diameter 2.99", thickness 0.16". Phospho-chromatised and polyester powder coated. <b>With base plate dim. 9.84"x9.84", thickness 0.39" Includes IP54 cover plate 5.20"x1.50" and terminal block in double insulation.</b>
809905	CYLINDRICAL POLE 13.12 FEET WITH BASE-PLATE	0.16"	
809906	CYLINDRICAL POLE 16.40 FEET WITH BASE-PLATE	0.20"	
809907	ANCHORAGE UNIT FOR BASE-PLATE		<b>Base plate dim. 9.84"x9.84", thickness 0.12", made in galvanized steel complete of nr. 4 anchorage threaded bolts</b>
809908	ADAPTER DIAM. 2.99" → 2.36"		Adapter for pole diam. 2.99" , allow the diameter reduction to 2.36"

Do not use water high pressure cleaner

Caution! Risk of electric shock

**Recommendations**

1. Use the cables, connectors and quality materials for electrical wiring;
2. Products with IP65/68 degree make the wiring / connections with accessories provide the same degree IP of the selected product (available in the catalog);
3. In the case of installations outside is not recommended to install the power supplies in the formwork and / or in the junction box without adequate protection.
4. If the gaskets are damaged, deformed or not in perfect conditions it is necessary to change it
5. It is essential to do a frequent cleaning of the glass and of the outer surface of the fixture to avoid build up of mud and dirtiness resulting in dangerous overheating due to uncorrect light and heat dissipation. Clean carefully the glass screen removing limestone deposits by means of a scraper.
6. The LED module contained in this luminaire shall only be replace by the manufacturer. For further information contact the supplier.
7. Risk group 1 at the minimum distance of 4.56'
8. All parts of products in contact with soil (post bases etc.) must not be covered by soil or must not be in contact with aggressive chemical elements (fertilizers, herbicides, lime) Clean periodically parts near ground in order to remove possible soil heap on bases or screws heads

**General maintenance**

A scheduled maintenance programme must be carried out on the installation and the fittings regardless of their IP rating or application – these must include the following operations:

- Clean the fittings from dirt that may be deposited on the protection grills and in the heads of the screws by following the installation in-structions attached to each fitting. Check that the screws are not loose on the various components of the luminaire (glass frame, cable entry, ...).
- Check each cable gland, and cable for damage and that the cable gland has not come loose. The clip must not show signs of oxidation, damage come loose.
- Check that all the seals are in good condition and that they are not dry, damaged or split.
- Check the glass or plastic screen for damage and replace if required.
- Check for water inside the luminaire's housing and its recessing box.
- The internal components such as the ballasts, transformers, 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 luminaire.
- In case of damage the components must be replaced by original components and spare parts before using the fitting.
- We also recommend to check the fitting each time the lamp is replaced or at least once a year or within the prescribed maintenance schedule period depending on the type of installation.
- Use only flexible cables of suitable diameter according to the national installation standards. **DO NOT USE HARD CABLES OR ARMoured CABLES.** Use only supply cables with double case. Do not enter with single cables.

## INSTALLATION

1. loosen the 4 screws of the luminaire joint by using the hexagonal tool (pic1)
2. Fix the luminaire bracket to the half joint (pic2)
3. Tighten the screw of luminaire bracket to the joint (pic3)
4. Place the luminaire to the pole and tighten 4 screws (pic4)
5. For the poles with a diameter of 2.99" use the accessory of reduction from 2.99" to 2.36"
6. Make the regulation and then tighten all screws
7. The electrical connection run in the external way to the pole

**For the electrical connection of the pole connectors follow the general safety rules. It must be connected to the grounding**

- a. for the double version follow the same way using two luminaires

