



VAPORPROOF FIXTURES INSTALLATION INSTRUCTIONS

INTRODUCTION

Phoenix non-metallic vaporproof lighting products are available as complete fixtures in wall, ceiling or pendant mount configurations, and as retrofit fixtures, which mate with existing junction boxes. In order to ensure trouble free operation, please ensure that the conduit has been securely tightened to 200 in lb. (22.6 Nm). Do not over tighten conduit as overtightening may cause enclosure to break. Ensure globe completely compresses the silicone rubber gasket (turn globe $\frac{1}{8}$ to $\frac{1}{4}$ rotation past "hand tight"). All wiring should be done by a licensed electrician in accordance with state and local codes plus NEC (National Electric Code) Standards.

IMPORTANCE OF GROUNDING

While these non-metallic vaporproof fixtures are non-conductive and do not require grounding themselves, it is important that the ground of the conduit or other wiring method be maintained from one side of the fixture to the other.

A) Non-Metallic Wiring Methods

- Ground wire required
- Grounding lug in the junction box for terminations.

B) Rigid and Intermediate Conduit

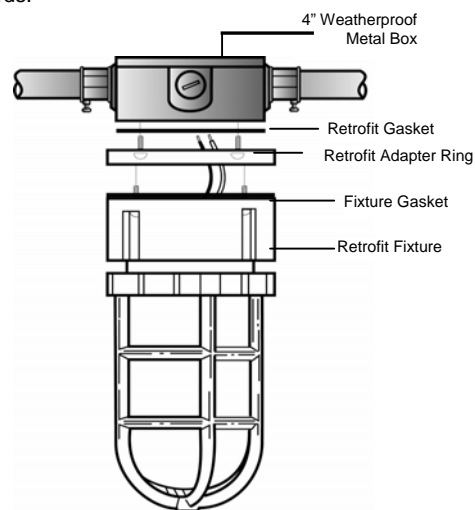
- Internal metal grounding strap provides hub-to-hub grounding
- Use $\frac{3}{4}$ lock nuts on the inside of the box.

C) EMT

- Can only be used with Phoenix retrofit fixtures due to the short thread length of EMT fittings.
- Use Phoenix retrofit fixture and a standard metal 4" weatherproof box (see diagram). The metal box provides hub-to-hub ground

D) Existing Metal Junction Boxes

- If there is an existing metal junction box, grounding is not an issue.
- Use Phoenix retrofit fixtures and the accompanying adapter ring in the diagram.



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