



WARNING: RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

9041-RGBW INSTALLATION INSTRUCTIONS FOR: 7-INCH IN-GROUND LED WELL LIGHT W/ GRILL

Safety Precautions:

Read Carefully: Read and follow all instructions before beginning installation.

Qualified Installation: Installation must be performed by a qualified/licensed electrician in accordance with national and local electrical codes.

Avoid Wet Conditions: Disconnect power at the electrical panel before servicing or wiring this fixture.

Verify Power Source: Confirm supply voltage matches the fixture's rated voltage before energizing.

Encapsulate Wire Compartment: Failure to properly wire and encapsulate the wire compartment will void the product warranty.

In-Grade Soil Installation:

NOTE: If using an HID self-reflector lamp in this luminaire, an integrated ballast must be used. Consult the Alcon catalog for ordering information.

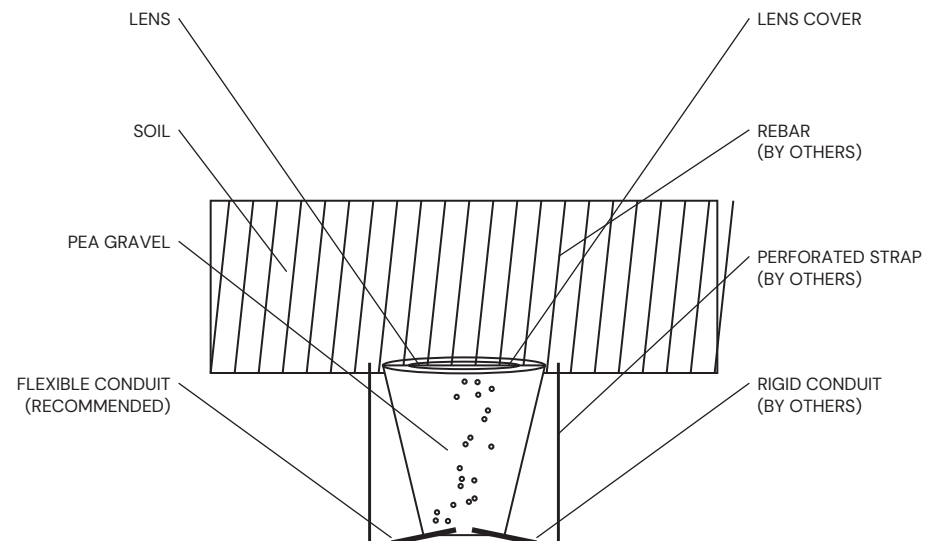
1. Dig a hole approximately 36" deep by 24" in diameter.
2. Install conduit through the 1/2" or 3/4" NPT holes in the bottom of the luminaire using Teflon tape or other thread sealant. If a conduit entry is not used, seal it with a plug.

NOTE: Housing rim must be flush to 1/8" above finish grade to prevent water from accumulating on the cover.

NOTE: For a more secure installation, rebar bracing is recommended. Drill a hole for a 1/4" bolt and nut in two of the stiffeners located on the side of the luminaire. Attach a perforated strap (plumber's tape) to the drilled holes with 1/4" nuts and bolts (by others). See illustration.

NOTE: UL-listed flexible conduit is recommended for the in and out connections to ease fixture position and adjustment during installation.

3. Backfill the hole after installation with pea gravel or sand. Do not backfill with bark or other flammable materials.





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4. Pull supply wires (line in) through the conduit into the luminaire wire compartment.
5. Connect the green ground wire from the luminaire and the green ground wire from the box to the green supply wire.
6. Wire the luminaire as required using silicone-filled safety connectors.
7. Seal the wiring compartment as indicated in the Sealing Wiring Compartment instructions.
8. Install the lamp with the correct wattage and type marked on the fixture label, and set the lamp at the desired aiming angle.
9. Replace the silicone rubber gasket and cover, and tighten the screws evenly.

NOTE: Failure to remove all dirt and debris from the gasket sealing surface may cause leakage and void the warranty.

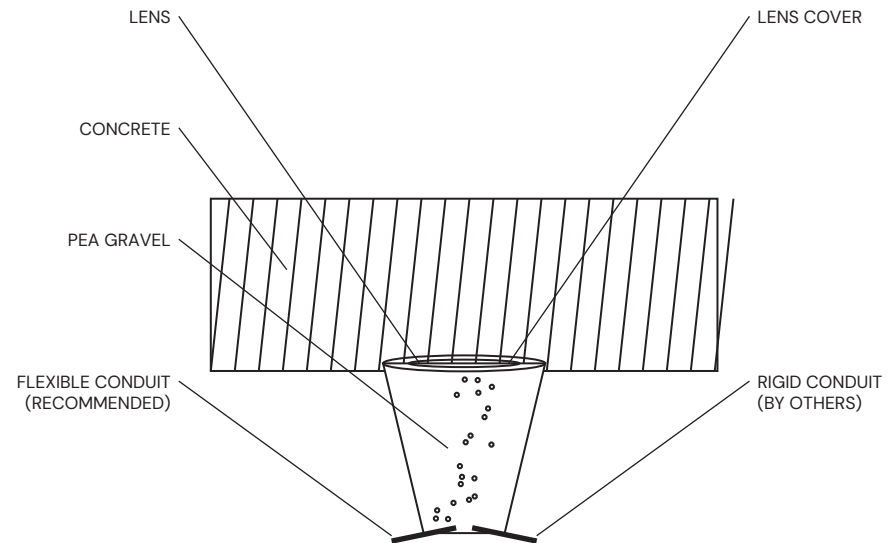
Concrete Pour Installation:

1. Follow steps 1 and 2 of the In-Grade Soil Installation instructions above.
2. Support the luminaire in the selected position using standard masonry procedures.

NOTE: UL-listed flexible conduit is recommended for the in and out connections to ease fixture position and adjustment during installation.

NOTE: When installing in concrete, the housing rim must be flush to 1/8" above grade to promote water runoff.

3. Pull supply wires (line in) through the conduit into the luminaire wire compartment.
4. Connect the green ground wire from the luminaire and the green ground wire from the box to the green supply wire.
5. Wire the luminaire as required using silicone-filled safety connectors.
6. Pour concrete at least 2" thick.
7. Install the lamp with the correct wattage and type marked on the fixture.
8. Replace the silicone rubber gasket and cover, and tighten the screws evenly.





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NOTE: Failure to remove all dirt and debris from the gasket sealing surface may cause leakage and void the warranty.

Sealing Wiring Compartment:

1. Use mastic to seal the conduit entries from inside the wire compartment to ensure the sealant (below) does not flow down the conduit.
2. Push the wire nut connectors to the bottom of the wiring compartment.
3. Remove the sealant pouch from its protective cover. Grasp both sides of the sealant pouch and pull until there is no barrier between the two solutions in the pouch.
4. Mix the sealant by alternately squeezing each end of the sealant pouch, moving the sealant back and forth until the solutions are completely mixed together.
5. Cut off the corner of the sealant pouch and immediately pour it into the wiring compartment, covering the wire nuts. Allow the sealant to dry for approximately 20 minutes.
6. Replace the silicone rubber gasket and cover, and tighten the screws.
7. Supply power to the luminaire and check for proper operation.

