

## POOL LIGHTS

Pool light can either be a wet niche or a no niche but are wired the same way.

1. Only conduit or M/C cable (inside the house) may be used for pool lights.
2. You **must** install a green #12 insulated copper conductor all the way from the panel to the pool light junction box.
3. All pool lights **must** be G.F.C.I. protected.
4. The pool light junction box **must** be a listed box for pool lights and installed at least four (4) feet away from the pools edge and eight (8) inches above the maximum water height (see attached).
5. A minimum of ¾ inch conduit **shall** be installed from the pool light junction box to the pool light.
6. A #8 **insulated** copper wire will be installed inside the conduit from the pool light junction box and terminated under the screw or lug inside the niche. This connection will be encapsulated with the potting compound (see attached).
7. On the outside of the niche is ground lug/screw where you will install a #8 bare copper wire and attach to the metal frame of pool or to the copper bond grid (see attached).
8. If you have a LED light you may use Romex wire inside the house and then conduit outside. The light housing must be kept six (6) feet away from the pools edge.