

landscape

lighting resources

Maintenance of Outdoor LED Lighting System

The following maintenance tips will ensure the proper function and longevity of your lighting system. You may perform these yourself or we can do it for you. We offer an annual maintenance program at the base rate of \$99.50 for 10 lights and \$5.00 for each additional light.

Cleaning Lenses & Fixtures

- Hard water overspray from irrigation systems as well as pollen and dirt can build up over time blocking light. If glass lenses have minimal buildup, use household cleaner. If lenses have hard water build up, use CLR to remove. Be careful not get CLR on actual fixture and follow instructions listed on the product.
- **Make sure that the interior of the lens is completely dry before reassembling. LED bulbs do not tolerate moisture well and moisture may cause the bulbs to burn out.**
- Clean the exterior of all fixtures with warm water and household dish soap.

Aluminum Spot Lights, In-Ground Tree Lights , Pond and Fountain Lights

1. Remove the face of the fixture by removing the screws with a Philips head screw driver. We highly recommend removing and tightening screws by hand as too much force applied by a power tool can compromise the water tight seal. Be careful not to drop the glass lens or the silicon seal ring that sits between the lens and the fixture. With these fixtures, the glass lens is not attached to the face.

2. When lenses are removed, this is also a good time to make sure the bi-pin LED bulb is securely in place. Remove the bulb, line up the bi-pins with the socket holes and reinsert applying slight pressure.
3. Replace the silicon seal ring before remounting the glass face and face of the fixture.

Brass Spot Lights

1. To remove the face of the brass spot lights grasp the upper portion of the fixture, rotate counter clock wise and gently pull. There are no screws on the brass spot light fixtures, the face and base fit together and there is a red rubber seal that locks them together and provides waterproofing. The lens is attached to the fixture and is not removable. Clean the outer lens, making sure that no moisture remains on the inner lens.
2. When the face of the fixture is removed, check to make sure that the bi-pin LED bulb is securely in place. The brass fixtures have a metal clamp that helps to hold the bulb into the bi-pin socket.

Path Lights with Removable Hoods

1. To remove the top hood of the brass path light, loosen the small side screw located below the glass lens. Unscrew the hood counter clockwise, and lift top up. Clean glass with household cleaner making sure the interior is dry before reassembling. Wash the porcelain under area of the hood with warm dish soap and water.
2. Copper path lights do not have the small side screw below the glass lens. Remove the hood by unscrewing it counter clockwise. If you wish to prevent the copper from developing a patina, use a copper polish on the exterior surfaces and apply a protectant.
3. Check to make sure that the bi-pin path light bulb is mounted securely in the socket.

Path Lights with Attached Hood and Removable Glass Lenses

1. Remove the small screws located on the outer surface of the lens. You may need a flat head screw driver. Do not use a power tool to do this as too much force applied will crack the glass lens.
2. Wash the lens with household glass cleaner, making sure that the interior is dry.
3. Check to make sure the bi-pin bulb is mounted securely in the socket.

Round Brass Surface Lights

1. Grasp face of fixture firmly, turn counter clockwise and lift off. These lenses are attached to the face of the fixture.
 2. Check to make sure the bi-pin bulb is mounted securely in the socket.
- In the case of replacing bulbs or changing out warm white bulbs to RGB follow the above instructions that coordinate to the type of fixture.
 - Keep shrubs and plants trimmed away from the face of the fixture. This will prevent light obstruction and keep plant residual buildup on the glass lens to a minimum.
 - Due to the freeze and thaw, fixtures may move. Reset fixtures to their original positions.
 - Check to make sure all wires are still properly buried and covered by mulch in the case of landscaped beds and areas.