

LANDSCAPE LIGHTING SYSTEM

Outdoor lighting enhances the natural beauty of your property while also providing added security. There are two types of outdoor lighting, **Low Voltage** and **Line Voltage**. Your project may have either low voltage, line voltage or both dependant on the specific requirements and goals for your site.

LOW VOLTAGE

Low voltage lighting requires a transformer that distributes power to the individual lights via low voltage cable (wire). The benefits are reduced energy consumption, safety and variety in fixture design. The applications for low voltage lighting include everything from path lighting to up lighting & down lighting for structures, trees and focal points.

Fixture maintenance is the straightening of light fixtures and bulb replacement as needed. Bulb life will vary based on the bulb type but typically you can expect 1 to 2 years for each bulb. It is recommended to replace all bulbs at the same time so you can count on all fixtures working properly throughout the year. Finishes on lights can vary but general cleaning with a mild detergent once or twice a year is all that is needed.



Cables (wiring) for lights are rated for direct burial in soil however, TruNorth chooses to install the cable that is under hard surface areas in PVC sleeving. This sleeving is primarily to protect the wire and your landscape if there is a need to take out or replace a wire.

Timers are located within the weatherproof transformer box. Timers can be set for anytime you would like your landscape lighting on. Timers can be installed with a photocell if requested. Photocells will not actually turn on until it is dark and turn off at the designated time.

Repairs to your lighting system may be needed occasionally. Should you notice a problem with you lighting please contact TruNorth for assistance.



Line Voltage

Line voltage fixtures are wired directly to the sub panel of the building and are 110 volts. The application for line voltage lighting is primarily pier & post lighting where it is possible to repeat fixtures that are used on the structure and moonlighting. Moonlighting is where mercury vapor lights are installed high in trees with the light then casting down through tree branches onto the ground below creating a blue tinted light with shadowing from the tree branches. Wiring for line voltage fixtures is installed with conduit for protection; however as with any electrical product there is a risk of electrocution and proper precautions should be used when working with or around fixtures and wiring. There are no transformers used with line voltage fixtures but timers can be connected. A qualified professional should do fixture maintenance and repairs.

