

# Infrastructure

Absolutely the most important segment of any lighting system is the installation of a proper infrastructure. Since this step is usually implemented at the start of the project, it is imperative to have a flexible lighting plan before construction begins. This allows any later additions to the lighting system to be installed with minimal disruption to the finished landscape.

Our systems are designed in such a manner as to provide all areas with electrical conduit access. Pull box locations are established in all planting beds as required. During landscape construction it is vital to co-ordinate the infrastructure installation with knowledge of the finished product. Not only does it save on labour costs, but it also allows the conduits to be installed as deep as possible, vitally eliminating the possibility of damage by future trades.

Control must also be addressed at the beginning and requires a flexible lighting plan before construction as well.

## OUTDOOR

In natural daylight, the landscape is an explosion of color and texture, a varied display of size, shape, symmetry and dimension. Throughout the course of the day, as the sun passes overhead, virtually nothing is hidden. The colors come to life in between the shadows that dance their way across the property. At night, that same landscape is disguised under a veil of mystery as the natural moonlight casts an eerie glow on some areas, while others are concealed in darkness.

Outdoor lighting, landscape lighting, outdoor illumination;

whatever the term used, the purpose is virtually the same: to help bring to life the magic and beauty of the nighttime landscape while providing security and comfort to those who use the space. Landscape lighting is beginning to be appreciated for the art and science that it is. Most people are no longer satisfied with just plugging in a row of garden lights. Homeowners are more involved in their landscapes than ever before, whether that be in assisting to design them or in using them more as a functional space than just a "backyard".

Landscape lighting can create



what can be described as an extension of the interior of the house. In the Canadian climate, especially when the winter days are shorter, landscape lighting becomes an even more important addition to any outdoor project. Nighttime becomes the prime opportunity for people to enjoy their landscapes, not so much from outside, but from

inside the house. It is said that good lighting can double your investments pleasure.

## ARCHITECTURAL

The addition of step lights, wall mount, pillar mount and/or post mount luminaries to a project can be the "icing on the cake". It is the perfect way to complete the physical transition from the residence to the landscape. Post lights can blend into the landscape while remaining in correct proportion to the surrounding features.

Matching wall sconces and



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lengths searching for such manufacturers, and are proud of the ones that we have found. Every component in these fixtures adds to their exceptional quality. Manufactured from materials such as spun copper, die cast aluminum, stainless steel and incorporating optical glass to provide outstanding light distribution, these fixtures are by far the best luminaries of this type available anywhere.

### MOONLIGHTING

**M**oonlighting is the placement of Mercury Vapor fixtures positioned high in the trees.

The concept is to create a natural effect that enhances either specific elements or a general area in the landscape. In effect duplicating a source comparable to that of the moon.

Our fixtures are one of the finest lighting instruments developed for the landscape lighting industry. The fixture incorporates three different axes for full adjustment capability, along with its adjustable shield. This allows for precise beam control. Its ability to "disappear" into the foliage of the tree in which it is mounted, combined with its total aiming versatility has made this fixture a favorite of ours for almost two decades. With the addition of a mercury vapor lamp (with a life of approximately five years) and ballast combination, this luminaries renders our designers' imaginations limitless.

pillar mount fixtures then carry the eye naturally through the landscape to the residence.

There are literally hundreds of styles of these fixtures, however the quality greatly varies from one manufacturer to the next. Due to the harsh nature of the outdoor environment, any fixture placed in this environment is extremely vulnerable.

There are very few manufacturers of these products that can offer a "complete family" of fixtures to achieve the transition outlined above. We have gone to great



### UPLIGHTING

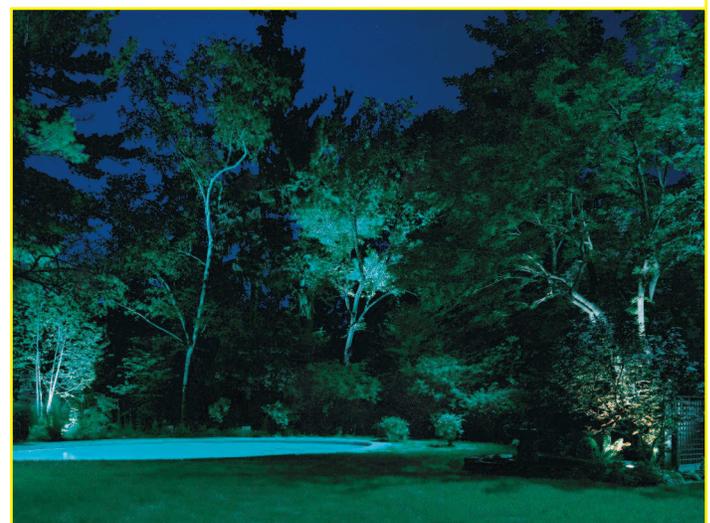
**T**his technique is achieved by placing a fixture, such as a bullet or well light/inground, at the base of the object to be lit. Light is cast upward. Shadowing, Backlighting and Silhouette Lighting.

The Mercury vapor up light provides a full-bodied illumination. Reflectorized fixtures and low wattage R30 lamps compliment the moonlit landscape. Their color rendition increases the healthy appearance and beauty of the nat-

ural materials in the landscape.

The Type 4 & 5 uplight fixtures can accommodate 120 volt incandescent as an alternate light source to mercury vapor. These architectural grade fixtures not only stand the test of time, but they are easily converted to mercury vapor when a higher level of illumination is required.

The aluminum version is our most popular, however the bronze mounting base on the copper version enables you to incorporate additional copper lights or features in the landscape without conflict.



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