

Why QL Induction Lighting?

Why **PowerLux®**?

In short, Proven! Proven! Proven!

PowerLux® Corporation uses QL induction lighting system in their luminaires. The QL system is comprised of three principal elements; the light generating discharge vessel (lamp), an antenna (coupler) to couple power into the lamp, and a HF generator to drive the antenna.

QL induction lighting is a breakthrough for professional, general and special lighting applications; not only because of its high luminous efficacy and excellent light quality, but especially because of its unprecedented lifetime. QL induction has been introduced worldwide since 1994.

A number of features characterize induction lighting as an across-the-board improvement over HID and incandescent light sources. Induction lamps do not require an electrode or a filament to operate and last for up to 100,000 hours.

Because they lack electrodes and filaments, they are vibration resistant and do not flicker when they power on. They produce a very high quality white light ranging between 3,000-5,000K Kelvin, and rate greater than 80 on the color rendering index. They are also highly resistant to cold, having been known to operate reliably at temperatures as low as -40C. Due to the high color rendering capabilities of induction lighting, these lamps are also ideally suited to high-end commercial lighting and hospitality lighting.

Induction lighting offers benefits to both large scale and small scale projects. With the longest rated lamp life of outdoor lighting technologies, induction lights provide an ideal lighting source in places where replacements must be minimized for the sake of cost effectiveness and where routine maintenance represents a major inconvenience.

Induction lighting is available in Cobra-head and Shoebox roadway lights, post-top mounted street lights, lights for tunnels, canopy lights for gas stations, wall-mounted architectural site lighting fixtures, high bay/low bay lights, office lights, and many more. Places such as tunnels, bridges, rail yards, and airports can easily recover their front-end investment by reducing both equipment replacement costs and man-hours associated with labor. Many municipalities are now turning to induction lighting for a similar reason.

Induction lighting is much better than any conventional lighting because it is known for creating less pollution and decreasing the users carbon footprint on the environment. Along with this reduction, there are several other major advantages to induction lighting, one of which is the fact that it requires limited installation space. Take into effect also the lowered operation costs and this alone could be a reason to switch. Induction lighting also has a super long life span and when you have to have your lights on at your place of business twenty four hours a day seven days a week, you need hundreds of thousands of hours of operation to be cost effective.

PowerLux® Corporation

U.S. Manufacturer of Sustainable Energy Efficient Lighting Products

Induction Lighting Proven Success Since 1999

1260 Liberty Way, Suite E Vista, CA 92081 Phone: 760-727-2360 Fax: 760-434-4766

Website: www.powerlux.com E-mail: klpowerlux@gmail.com

PowerLux® Products Have Stood the Test of Time!