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The induction technology by Paul Pepe

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When the induction lighting replaces the HID lighting in the parking garage lights or warehouse lighting, they offer a wide range of benefits. The induction lights can improve on the quality of the lamp while reducing the energy wattage up to 60 percent. They offer plenty of benefits to the customers, to the general public and to the employees who use these parking garages. The induction lighting is better than the HID system since it replicates the natural daylight. This will ensure that the people can identify the colors better and can increase the field vision in a better way. When such lights are used in the parking garage, they help in prevention of crimes. This capacity is attributed to the ability of the lights to maintain at least 95 lumens during their life while the Metal halides can maintain only 65 percent lumen.

The benefit that you can get when using the induction lighting over the HID lighting is that it offers long hour life. It has maintenance free and 99 percent efficiency. It has an instant re-strike with a wide range of colors. Induction lights save you money on maintenance and energy savings while they are also green for the environment.

Before you use the induction lighting, you have to know how it works. It works by using the electromagnetic transformers which consists the ferrite rings together with the metal coils. The discharge path which is induced by coils will form the closed loop which may cause the acceleration of the electrons. The lighting that uses the induction technology have been used for the first time in 1890. However, at that time, many people did not care about it and they preferred the incandescent bulb from Thomas Edison. Now many people are aware of the benefits that are offered by this technology. One of the advantages that many people look for when choosing the induction bulbs is their long life. The bulb can burn without stopping for more than 100, 000 hours. This may equal more than 20 years at 12 hours a day or 11 years of continuous burn time. Since they do not require you to change the bulb, the users can save on the labor cost and the replacement equipment. This application is widely used in the subway tunnels, security, nuclear reactors, elevator shaft and cold storage. These environments always go for the induction lighting since it can survive in any extreme climates. Another fact about the induction lights is that they use less energy compared to their HID lamp. Their survivability, energy efficiency and long life are the result of not using the filament or electrodes in the bulb. The coiled wires are the ones that are being used to produce a force to the electromotive to excite electrons.

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The author has an immense knowledge on parking garage lights. Know more about a warehouse lighting related info in his website a http://www.mhtlighting.com

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