

Say NO to Ultra bright LED office equipment

When a popular product over saturates the culture we live in, hidden dangers naturally arise. LED lights are found everywhere but were once considered a dead end technology. During that time, researchers in Japan never quit on the technology and finally they figured out a way to simplify the dazzling light source. Suddenly product managers everywhere went crazy and these small bright lights were a must in new products being developed. Everything from coffee makers to phones had this new high tech and cool looking light. People could not and now, cannot escape the trend and the dangerous effects it has on humans.

LED lights come in all forms, shapes and sizes - from that annoying oncoming car with ultra-bright headlamps, to the large digital billboard that shines down on you and even copiers and document scanners use this very bright LED source. It catches the eyes attention every day whether one realizes it or not. Although, these bright lights are essentially harmless when visually observed at a distance, they do however, pose a very real danger when the LED light emitted is extremely bright and within a short distance. The eyes retinas can be damaged in less than one second if exposed under these circumstances.

Office equipment such as Copiers and scanners are very prevalent in the office and public sector. To assumingly improve efficiency, new technology is being used to

increase scanning speed. An effective but dangerous way to do so is to apply a massive amount of concentrated LED light to the document being scanned or copied. This procedure dramatically shortens the exposure time to produce brilliant scanned images. However, if the bright light source is not filtered, permanent damage to the eyes retinas can occur to users who unknowingly look into it.

From a safety standpoint, LED's and Lasers are classified under the same "laser safety standard" as defined by the International Electro Technical Commission. Lasers are a powerful tool used in eye surgery and massive Ultra bright LED's may carry the same power. If you don't want your employees or visitors to unknowingly be susceptible to the equivalent of eye surgery by using a scanner/copier, simply say NO to Ultra bright LED office equipment and say YES to safe filtered LED lights and cold cathode lighting.

