



SLS Lighting

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**UV-C LIGHTING WILL PREVENT THE SPREAD OF
DISEASE AND VIRUSES
PRESIDENT OF LUMALIER TO DISCUSS UV-C TECHNOLOGY AT
NOVEMBER 28 PRESENTATION IN VANCOUVER**

Vancouver, British Columbia – The Centers for Disease Control and Prevention (CDC) states that nearly 2 million patients who receive hospital care in the United States are infected by unrelated biological contaminants. 90,000 of these patients die annually. Canada is facing a similar threat but Ultraviolet and Germicidal Air Disinfection could be a viable solution. On Wednesday, November 28th, Chuck Dunn, president of Lumalier, will make a presentation at the University of British Columbia-Robson Square (in Theatre C300, 800 Robson Street, Vancouver) commencing at 6pm. The topic matter will discuss UV-C light's effects on microorganisms and its ensuing impact on the future of Canadian health care.

Ultraviolet Germicidal Irradiation (UVGI) is the process of exposing biological contaminants to UV-C light. Since the early 1900's the germicidal effects of UV-C light have been known. This shortwave light deactivates DNA in bacteria, viruses and other pathogens, thus destroying their ability to multiply and cause disease. Bacteria, molds, fungi, and other toxins are destroyed when UVGI fixtures are used inside a building's ventilation systems. A single cough projects 100,000 droplets containing bacteria and viruses. Imagine how, via a building's ventilation system, these bugs simply travel from floor to floor. Dunn states that "implementing UVGI fixtures stops the spread of disease that results in healthier patients, leading to shorter hospital stays, which ultimately leads to reduced medical costs. It's a simple fix".

Another global medical threat is the widespread use of antibiotics over the past 50 years. Doctors now know that it is much more difficult to treat infections today than it was just a few decades ago. The long term use of these types of drugs has allowed the DNA of microorganisms to evolve to a point of antibiotic resistance. UV-C lighting is a perfect solution to combat the spread of viruses, since doctors are now less inclined to administer antibiotics unless it is imperative. In the USA, Lumalier has installed the UV-C fixtures in shelters, schools, food service and processing facilities, along with health care facilities, to act as a barrier against potentially deadly threats such as SARS and anthrax. Otherwise these contaminants will flourish in the moist, dark ventilation systems often found in these institutional buildings.

In British Columbia, Lumalier's UV-C products are represented by SLS Lighting, a Vancouver-based lighting agency established in 1985. SLS Lighting urges contractors, interior designers, lighting distributors, architects, as well as the medical community, to attend Dunn's presentation on November 28th to learn more about this unique product.

Lumalier is the recognized leader in advanced UV Germicidal Air Disinfection products designed to benefit the healthcare, educational, institutional, commercial, office and residential markets. Lumalier is the industry benchmark for safe, healthy air disinfection. UVGI is a proven technology that has been employed by hospitals and government agencies for more than 75 years.

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