

Selection of Multiwavelength Light Sources for Safe City Projects



Overview

This study proposes the design and development of public light systems integrated with Internet of Things (IoT) applications for smart cities. Smart public lighting systems are designed using LED light so.



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Configured with 2 different intensities (low and high), variable lighting can be used during general search and photography to not only save battery life, but also increase evidence fluorescence. The MF ...



The purpose of our randomized controlled trial was to measure the effectiveness of an alternate light source (ALS) within visible and long ultraviolet spectrums at improving bruise detection compared to ...



The results found that the 2200 K LED light type does not produce the same level of visibility as the 4000 K LED or the 5000 K LED which could be related to the light distribution. When considering ...



The National Institute of Justice (NIJ)'s Forensic Technology Center of Excellence (FTCoE) at RTI International (RTI) directed this landscape study of alternate light ...



We demonstrate a light source for multi-wavelength interferometry based on electro-optic single-sideband modulation. It reliably generates synthetic wavelengths with arbitrary values from ...



The Forensic/Alternate Light Source emits white light, ultra violet light, varying colors of the light spectrum, and infrared wavelengths. The following charts are guidelines to be referred to when using ...



This "landscape" study of alternate light sources (ALS) for crime-scene processing and laboratory applications relied on market participants, their products, and product features, to enable ...



Different wavelengths are required for processing different types of surfaces making a Forensic Light Source with tunable or multiple wavelengths a coveted tool for any crime scene investigator. In many ...



2018 Overview of Report The National Institute of Justice (NIJ)'s Forensic Technology Center of Excellence (FTCoE) at RTI International (RTI) directed this landscape study of alternate light sources ...



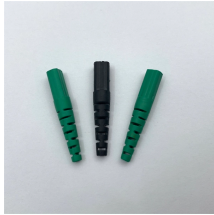
Smart public lighting systems are designed using LED light sources in combination with a controller based on light intensity and motion sensors to control the brightness in working areas as ...



Sirchie provides the industry's best multi-wavelength forensic alternate light sources to the global law enforcement community.



Step-1: Select your desired collimated LED sources (up to 8 or more LED's) based on wavelengths and output powers, according to the specific requirements for your application.



Explore the importance of public space lighting for safety, energy efficiency, and community engagement through modern design principles.

Contact Us

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