



Emergency Light

LPI has developed an optical system to provide pathway illumination as mounted on a lighting fixture, for a leader international company on general lighting supplier. This lighting module was prototyped to be used to light a path in the case of power failure as an emergency light. Several products were designed following the optical requirements and pattern defined by the customer and depending on the differences in mounting height. Many other commercial applications could use this device.

An innovative, international and independent company.



LPI LLC
2400 Lincoln Ave.
Altadena, CA 91001, USA
email: info@lpi-llc.com

LPI EUROPE
Edificio CeDInt
Campus de Montegancedo UPM
28223 Madrid, SPAIN
email: info@lpi-europe.com

LPI PRECISION OPTICS
Unit 02, G/F, Photonics Centre
2, Science Park East Ave.
Shatin, N.T., HONG KONG
email: info@lpi.com

www.lpi-llc.com

General Illumination



Optics for general solid state lighting (SSL) for Indoor and Outdoor applications.



LPI offers its own technologies for the best utilization of existing illumination infrastructures and, at the same time, introduces novel concepts for the solid state illumination.

LPI has developed a large family of optics for general Solid State Lighting (SSL) for indoor and outdoor applications for various leading semiconductor and lighting companies. Such optics are designed using the most advanced design methods in nonimaging optics which are LPI property, guaranteeing a very high efficiency.

One of the most representative devices are the called "Virtual Filaments", which can be applied in SSL bulb replacement concepts which mimics the traditional bulbs. These optics combine the familiar looks of incandescent bulbs with high luminous efficacy and very large life-time. RGB mixing optics, LOA device, LED collimating optics like Photon Funnel, UFO, and RXI lens are other typical optics to lighting applications, as are shown below:

- **Architectural Lighting:** Exterior building accent lights, wall washing, lights, decoration...
- **Indoor Illumination:** LED virtual filament bulbs, down lights, spot lights, or reading lights, museum illumination, commercial, residential, industrial, and office illumination ...
- **Outdoor Illumination:** garden lights, stadium high power lights, wash wall lights, spot lights, billboard lighting, road way lights, emergency lights, urban illumination ...

