

LUMILEDS Discrete LED and Standard/custom modules



The Lumileds catalog is organized into several sections:

- High Power LEDs:** LUXEON V, LUXEON HLZX (New), LUXEON S050 Round & Square, LUXEON CSP HL1.
- Mid Power & Low Power LEDs:** LUXEON 2835, LUXEON 3014, LUXEON 3020, LUXEON 3030 2D, LUXEON 3535L.
- Infrared & UV Emitters:** LUXEON IR Compact Line, LUXEON IR Doped Line, LUXEON UV Flip Chip Line, LUXEON UV U Line.
- Chip on Board LEDs:** LUXEON CoB Core Range, LUXEON CoB Core Range - High Density, LUXEON CoB CK Plus / CK Plus High Density.
- LUXEON Stylist Series:** LUXEON 2835, LUXEON CoB Stylist Series.
- LUXEON Fusion:** A new era in lighting.
- Matrix Platform:** Infinitely configurable, integrated LED light solutions tailored to the most demanding design requirements. Yours.
- Color LEDs:** LUXEON 2835 Color, LUXEON C, LUXEON CZ, LUXEON MultiColor Module 0.5W / 2.5W.
- Horticulture LEDs:** LUXEON SunPlus 20, LUXEON SunPlus 2835 with various color options: Fair Red, Deep Red, Royal Blue, Lime, Cool White, SunPlus CoB Purple, Purple (2.5% Blue), Purple (12.5% Blue), Purple (25% Blue), Royal Blue, Lime, Horticulture White.

Power Conversion/Discrete/Modules, Capacitors/eCaps, Battery



- nexperia** • Power FETs, GaN, ESD/TVS, Diodes for DC/DC SMPS
- WeEn** WeEn Semiconductors • SCR, TRIAC (4-Q, 3-Q, TOP-TRIAC) & HV Schotky
- UnitedSic** • SiC FET, JFET (650V, 1200V, 1700V), Schottky Diode
- SILERGY** • AC/DC Flyback regulators, SMPS LED driver ICs
- VICOR** The Power Behind Performance • Custom - DC/DC, AC/DC Power Systems for structural lighting
- ABRACON** • Power Inductors and Transformers
- SAMXON** Aluminum Electrolytic Capacitors • Al Electrolytic Cap (E-cap), Li C Cap(LCC) emergency lights
- PHD ENERGY** • Rechargeable Batteries & packs for Emergency lights

Optics Design and Production Solutions



- Provider of Optics CAD tool: Photopia®
- Optics, TRI, light guide design services
- Optics, Enclosures, Controls, PCBA Manufacturing services for high performance and high-volume Asia and domestic

LED Drivers, Surge Protection



- CC and CV universal input LED drivers
- Key – Configurable output voltage
- Phase or 0-10V dimmable drivers
- Surge protection devices, ballast and Transformers
- Emergency lighting solutions

Connectivity (IoT, Dali, WiFi, Cellular)



- LTE, NB-IoT Modules for Smart Lights
- DALI 2.0 SW stack, light gears, drivers, and controls