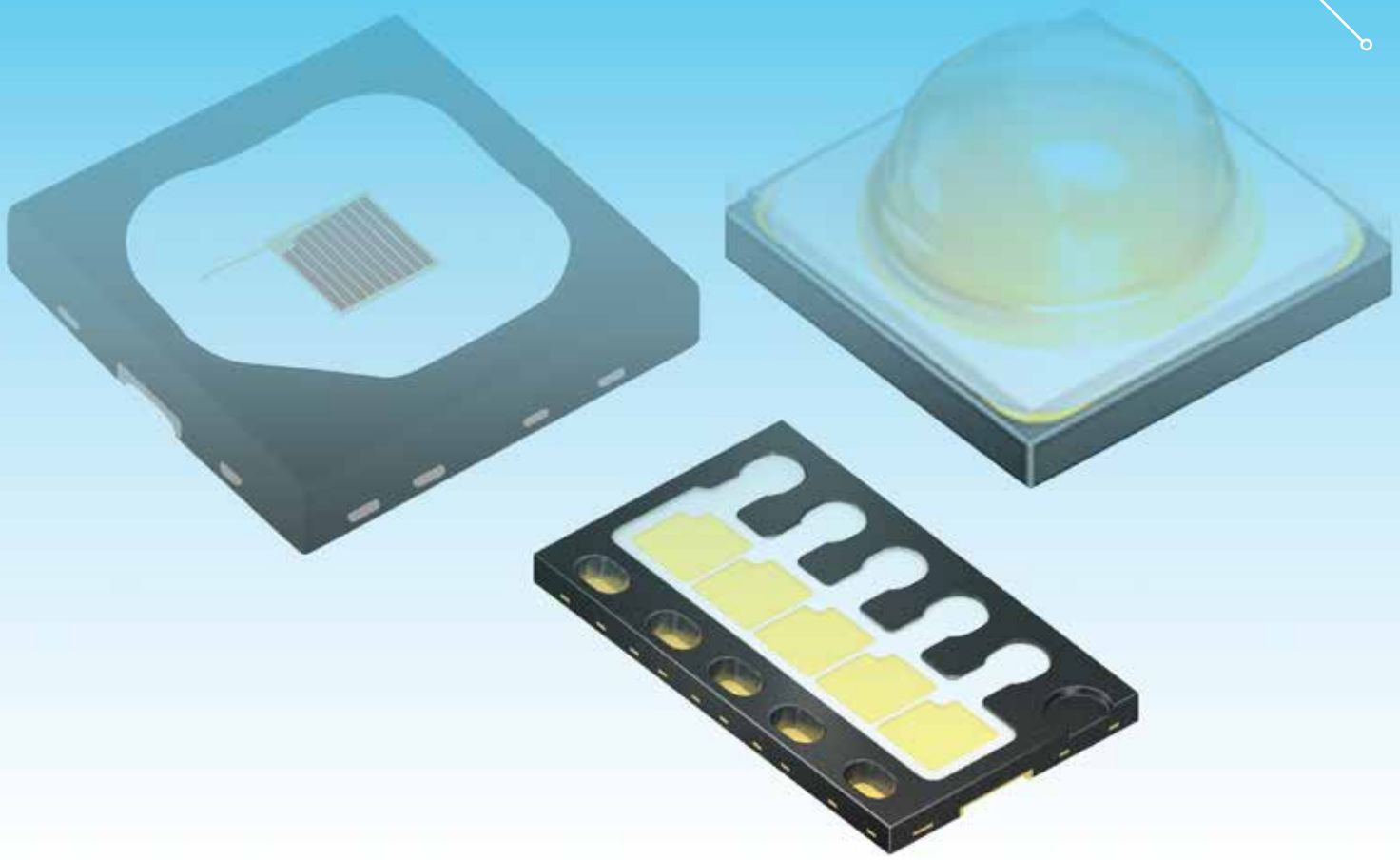
OSRAM Opto Semiconductors

Product Line Card



OSRAM
Opto Semiconductors



OSRAM Opto Semiconductors is a global leader in optical semiconductors offering a wide spectrum of high-quality products in the field of illumination, visualization and sensor technology. TTI stocks a broad and deep inventory of OSRAM products including low-, mid-, and high-power LEDs, IR emitters, sensors, LASERs, and integrated sensors.

Reach your local sales team at 1.800.CALL.TTI

Major Markets Served – Industrial, Lighting, Medical, and Automotive

Industrial

- Industrial/Machine Vision
- Gaming/Casino/Vending
- Security/Safety
- White goods
- Projection with LEDs or Lasers

Lighting

- Electronic/Variable Signs
- Portable Signs
- Video Walls
- LASER Projection
- Parking Garage/High Bay
- Stage Lighting
- Signaling/Work Lights
- Architectural Lighting

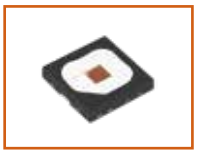
Medical

- Surgical/Endoscopy Lighting
- Medical Equipment LED Indicators/Backlighting
- Dental Curing
- Phototherapy

Automotive

- Motorcycle/Off-Road
- Interior Lighting
- Emergency Vehicle Lighting
- Marine
- Military
- Aviation
- Auto/Aftermarket


White LEDs


Color LEDs


Multi-Color LEDs


Chip-on-Board LEDs


IR Emitters


Ambient Light Sensors


IR and Visible Lasers

Wavelength Spectrum



IR Illumination with Emitters and Lasers







Infrared LED Illumination
- Security Cameras
- Light Curtins
- Various Package, Power, and Angle Options
- Wave Lengths Include 810, 850 and 940 nm, and More

Visible Laser Illumination
- Green and Blue Laser Diode
- Industrial Illumination
- Automotive Headlamp
- Laser Projection
- Medical
- Wave Lengths Include 450, 488, 520 nm

Infrared Laser Illumination
- Lasers for LIDAR
- Time-of-flight
- Structured Light
- Range Finders
- Gesture Recognition
- Proximity and Depth Measurement
- VCSELs 850 and 940 nm

IR Sensing



Sensing
- Ambient Light Sensing
- Reflective and Transmissive Interrupter Sensing
- Heart Rate Monitor
- Oxygen Sensing
- Light Detectors
- Smoke Detectors

Speciality
Horticulture, Architectural



- Full Color Portfolio including Deep Blue, Hyper Red, and Far Red
- Both High- and Mid-power LEDs
- Best-in-class Flux and Efficacy

Industrial & Outdoor Lighting
Parking, Roadway, High-Bay



- High-efficacies, Long Lifetimes, and Robust
- High-power LEDs up to 12W
- OSLON Square is Industry Leading 2W High-power LED for all HP Applications

Commercial & Retail Lighting
Linear, Troffer, Downlights



- High-efficacies, Long Lifetimes
- Primarily Mid-power
- Chip on Board (COB)
- Retrofit Lighting
- Great Lumens per Watt

FSC www.fsc.org MIX Paper from responsible sources FSC® C119852