

LED Intelligence Service

Delivering strategic insight across the LED and optoelectronic components value chain—from materials to market.

Key Questions Answered

- How is the global LED and optoelectronic components market evolving, and which product types and applications will drive growth over the next **5** years?
- Which suppliers are gaining or losing market share in key LED and optoelectronic segments—and what does this mean for your competitive strategy?
- How are MOCVD capacity and wafer size trends shifting the supply landscape?
- What new applications are driving demand for UV, IR, and high-performance components?
- How are new isolator technologies affecting the high-performance optocoupler market, and what are the implications for long-term positioning?

What We Offer

- Accurate market sizing and forecasts for packaged LEDs, MOCVD, wafer and die, UV/IR LEDs, and the full spectrum of optoelectronic components across applications and regions
- Supplier rankings and quarterly/annual share analysis for packaged LED and optoelectronic markets, with deep visibility into shifts in competitive positioning
- Detailed segmentation and trends by product type, end-use, and geography—covering LEDs, isolators, optical switches, and displays
- Reliable, supplier-validated data sourced through detailed sales surveys and interviews with leading component manufacturers



Diversification is crucial for survival in the stringent and highly competitive LED market. Companies are encouraged to continuously innovate and expand their market scope by exploring opportunities in other optoelectronic components, such as infrared, ultraviolet, mini-LEDs, and more...



Chang-Sheng Lim

*Research Analyst,
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SPEAK WITH OUR EXPERTS

Illuminate decisions across the LED ecosystem

Key Deliverables



LED Supply-Demand Tracker - Quarterly

Covers packaged LEDs, MOCVD tools, wafer and die markets; includes installations, capacity and demand across **8** key applications and **9** global regions.



Market Databases – Quarterly and Annual

Granular datasets tracking revenues, unit shipments, ASPs, and market shares by product type, region, application and suppliers.



In-depth Market Reports & Forecasts - Annual

Global coverage of optoelectronic components and packaged LEDs with **5**-year forecasts and supplier rankings across regions and **10+** applications.



Analyst Insights & Advisory – Ongoing

Direct access to Omdia's security experts for strategic support, data interpretation and validation of market assumptions.

Scope of Work

Product Coverage:

Packaged LEDs (InGaN/GaN, AlInGaP, Infrared, UV), MOCVD reactors, wafers, dies, optocouplers, digital isolators, IR components, optical switches, LED displays

Applications Tracked:

Lighting, TVs, monitors, notebooks, tablets, mobile, automotive (interior/exterior), signage, medical, industrial and consumer electronics

Regions Analyzed:

North America, LATAM, Eastern and Western Europe, Middle East & Africa, Greater China, Japan, South Korea, Rest of Asia & Oceania

Key Metrics Tracked:

Market size (revenue, units, ASP), supplier share, installations, capacity, demand-supply balance, and pricing—across product types and applications

Forecast Horizon:

Forecasts market size and supplier positioning, with detailed benchmarking of incumbent and emerging technologies

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