

CUSTOM High-Power Level 2 Modules

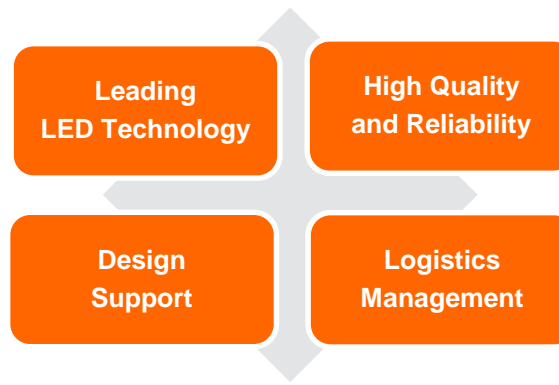


OSRAM Opto

Custom High-Power Level 2 Modules

Leading performance, future proof and highly reliable.

- *The Custom High-Power L2 modules are tailored to meet your application requirements via premium board specifications and their high reliability and quality.*
- *OSRAM provides logistics and application support enabling a fast and easy access to performance upgrades. The result: a faster time to market for your products and solutions.*



*Tailored solutions.
Fast & efficient.*

OSRAM Opto

Custom High-Power Level 2 Modules

Our advantages:

Faster Time to Market

- Rapid prototyping and efficient project management to ensure smooth ramp
- Local application engineering services providing expertise on LED selection, optical, electrical and thermal design
- Simplified supply chain, ability to scale quickly and provide custom logistics services

High Quality and Reliability

- Advanced quality control via vertical integration from chip production to Level 2 module assembly
- OSRAM Opto High-Power LEDs with high robustness and long lifetimes
- 1 Year warranty included, extended warranty options available

Technology Leadership

- Premium module specifications possible via sub binning, tight control of LED parameters (e.g. Flux, Vf, Color)
- Seamless and quick transition to new LED upgrades, early access to performance improvements
- Ability to support advanced designs, e.g. Multi-Channel, Tunable Spectrum

EnabLED qualified supplier

Country of origin: Malaysia or US!

OSRAM Opto

Custom High-Power Level 2 Modules

Main Target applications:

Outdoor Lighting



Street & Roadway



Parking & Area

Industrial



High-Bay / Hazardous Locations

Architectural



Flood / Wall Wash

OSRAM Opto

Custom High-Power Level 2 Modules

Offerings to meet your needs:

For ongoing
programs

built to customer design and specification
(with potential performance upgrade)

For new
designs

OSRAM Opto assists in module design and
manufacturing to customer target requirements

OSRAM
Opto Semiconductors






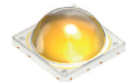



Custom
High-Power L2

Available High-Power LED Options

OSRAM Opto High-Power LED Portfolio

Various options for meeting your requirements.

	High-Power (1-4W)	Ultra High-Power (>4W)	
Professional	<p>OSLON PURE 1010</p> 	<p>OSLON SQUARE 3030</p> 	<p>OSLON® PURE CSP Platform with high flux density (Spots, Architectural)</p> <p>OSLON® SSL and SQUARE Ceramic HP White + COLORS Flagship Platform</p> <p>OSCONIQ P® Series Innovative EMC based HP White Excellent Performance / Price ratio</p>
	<p>OSLON SSL 3030</p> 	<p>OSCONIQ P 3737 (2W)</p>  <p>OSCONIQ P 3737 (3W)</p>  <p>OSCONIQ P 7070</p> 	
Eco	<p>DURIS S 8 5050</p> 		<p>DURIS S® 8 (5050) High Efficacy White with leading lm/\$, Mid-Power technology goes High-Power</p>

THANK YOU.