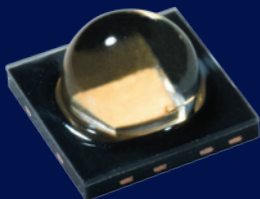




OSLON® Black Series

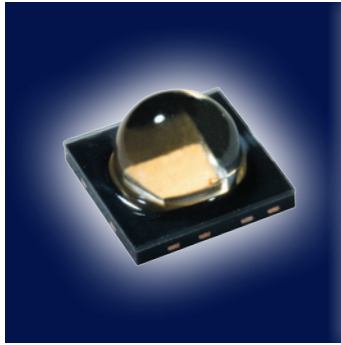
The Best of Two Worlds

The new OSLON® Black Series by OSRAM Opto Semiconductors combines the top features of the OSLON® and DRAGON® LED technologies. This high-flux LED is small and very robust, making it ideal for designing automotive or industrial applications.



OSRAM
Opto Semiconductors

OSLON® Black Series



OSLON® Black Series



White Goods



Automotive

OSLON® Black Series			
Type	Color	Color Temperature	Wavelength
LR H9GP	red		625 nm
LA H9GP	amber		617 nm
LY H9GP	yellow		590 nm
LCY H9GP	yellow conversion		590 nm
LT H9GP	true green		528 nm
LB H9GP	blue		470 nm
LD H9GP	deep blue		455 nm
LUW H9GP	ultra white	5000K-6500 K (x=0.31, y=0.32)	
LUV H9GP	ultra white	5700K-6500 K (x=0.31, y=0.32)	
LCW H9GP	warm white	2500K-4800 K (x=0.42, y=0.40)	

Advantages

The OSLON® Black Series comes in a compact dark package with golden plates. This all-rounder offers a molded silicone lens and a standard solder pack.

Further features include automotive robustness, benchmark thermal resistance, and a non-isolated heat-sink. All this plus a long lifetime make the OSLON® Black Series a real bright spot for innovative design applications!

Features

- ThinGaN/ Thinfilm technology
- SMD epoxy package with 90° silicone lens
- Suitable for SMT assembly
- Reflow soldering capable
- Small size high-flux package for slim designs
- Excellent thermal resistance (typ. 6.5 K/W)

Asia

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- Mercury free: RoHS compliant
- ESD stable up to 8 kV

Applications

Automotive

- Exterior
- Interior

Industry

- White goods
- Refrigerator lighting
- Washing machines
- Dryer
- Ceiling light
- Reading lamps
- Decorative and entertainment lighting
- Marker lights (e. g. steps, exit ways, etc.)

Europe

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New possibilities

With its numerous features, the OSLON® Black Series offers new ways of using one LED for both automotive and industrial applications. Thanks to the small package size and high sturdiness, we can strike new paths – particularly in design.

OSLON® Black Series on the Internet:

www.osram-os.com/oslon-black-series

For further information on the available products please visit our product catalog at <http://catalog.osram-os.com>

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