

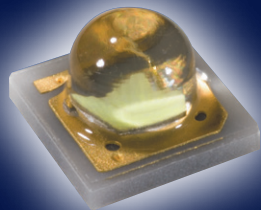


VISIBLE

OSLON® SSL

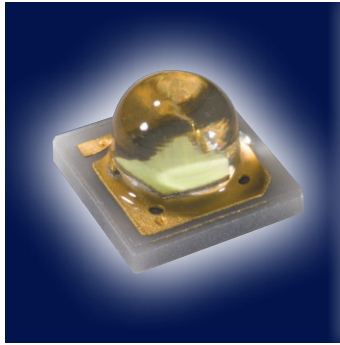
Spotlight on efficiency

OSRAM Opto Semiconductors' OSLON® SSL is an exceptionally small light source with a narrow radiation pattern, designed to maximize application efficiencies. Mounted in a new LED package specially engineered to enable slim and compact lighting designs, it delivers directed light with outstanding efficiency from an incredibly small source.



OSRAM
Opto Semiconductors

OSLON® SSL



OSLON® SSL.



Office luminaire.



Office lighting.

OSLON® SSL	Color	Color temperature
Type LUW CP7P	cool white	5700 K - 6500 K
LCW CP7P	warm to neutral white	2700 K - 4500 K

Advantages

Compact

OSLON® SSL is the smallest high-luminance LED in a 1-W package available today.

Efficient

OSLON® SSL is a powerful LED offering top efficiency at higher currents up to 1 A. This enables cost-efficient, resource-saving designs that require not only fewer LEDs, but also fewer and smaller peripheral components – ideal for “green” lighting solutions. OSLON® SSL is also optimized for coupling into secondary optics, and, due to its 80° radiation angle, allows use of smaller and less expensive optics.

Powerful

The 1-W package features OSRAMs new power chip technology that delivers outstanding efficiency at all currents. Combined with the device's excellent thermal management, OSLON® SSL is the perfect component in slim, compact and sophisticated lighting designs.

Asia

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Features

- Footprint of just 3 x 3 mm
- Latest power chip technology
- Lighting-specific white color range: cool white, neutral white, warm white
- Neutral to warm white capable of high power up to 0.7 A, cool white up to 1 A.
- Compact and symmetrical, allows dense clustering for high luminance
- 80° radiation characteristics for easy coupling into secondary optics
- Thermal resistance of $R_{th,j-s}$ (typ.) 7 K/W
- Lifetime of up to more than 50,000 hours, depending on application conditions.

Europe

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Applications

Solid state lighting

- Retail/shop lighting
- Spots and downlights (commercial and residential)
- Task lights (commercial and residential)
- Indirect lighting (commercial and residential)
- Retrofits (lamps and fixtures)
- Outdoor lighting

New possibilities

Top application efficiencies for cost-effective design solutions.

OSLON® SSL on the Internet:

www.osram-os.com/oslon-ssl

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

USA

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