

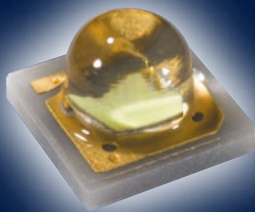


VISIBLE

# OSLON SSL

## Spotlight on efficiency

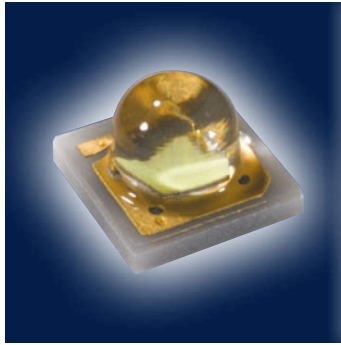
OSRAM Opto Semiconductors' OSLON SSL is an exceptionally small light source with a narrow radiation pattern, designed to maximize application efficiencies. Mounted in a new LED package specially engineered to enable slim and compact lighting designs, it delivers directed light with outstanding efficiency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



Opto Semiconductors

**OSRAM**

## OSLON SSL



OSLON SSL.



Office luminaire.



Office lighting.

OSLON SSL Type	Color	Color temperature
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 OSRAM's new power chip technology that

delivers outstanding efficiency at all currents up to 1000 mA. Combined with the device's excellent thermal management, OSLON SSL is the perfect component in slim, compact and sophisticated lighting designs.

#### 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 1 A
- Compact and symmetrical, allows dense clustering for high luminance
- 80° radiation characteristics for easy coupling into secondary optics
- Thermal resistance of  $R_{thJS}$  (typ.) 7 K/W
- Lifetime of up to more than 50,000 hours, depending on application conditions

### 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)

#### New possibilities

Top application efficiencies for cost-effective design solutions.

#### OSLON SSL on the Internet:

[www.osram-os.com/oslon-ssl](http://www.osram-os.com/oslon-ssl)

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

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