



Light is impressive

The OSOLON[®] SSL portfolio

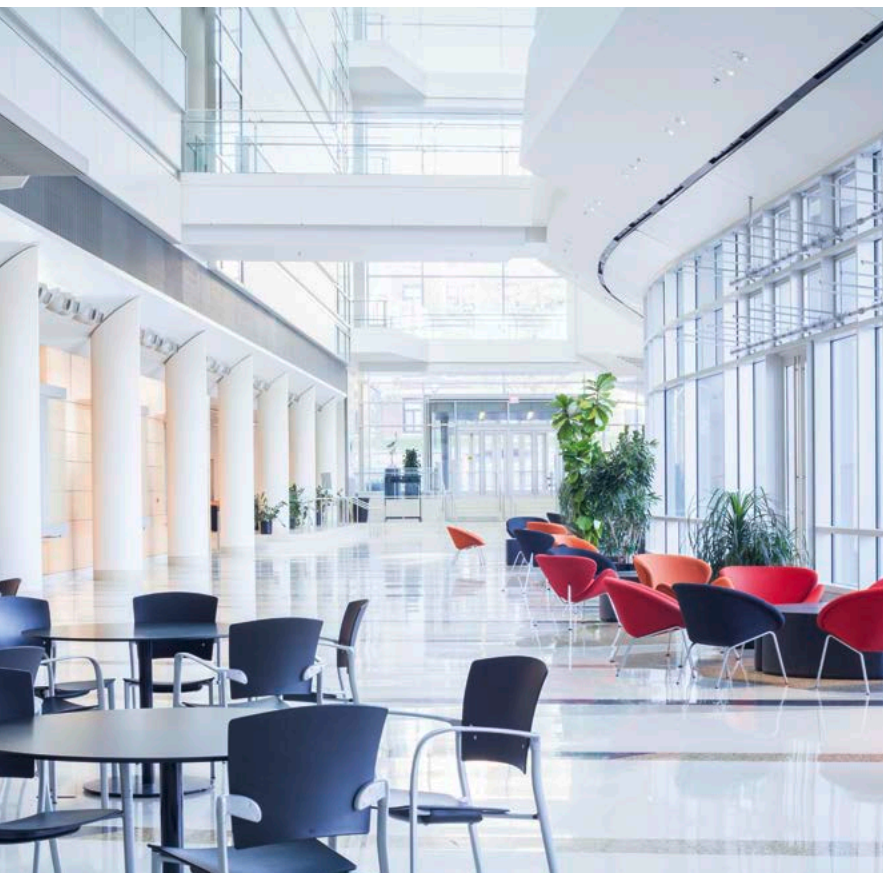
Powerful, small, durable

Light is **OSRAM**

OSRAM
Opto Semiconductors

Powerful performance, small size and long lifetime

OSLON® SSL delivers the high efficacy that is necessary for professional indoor and outdoor lighting. The ceramic based package with its superior corrosion robustness addresses perfectly the needs for long lifetime applications.



OSLON® SSL white

The OSLON® SSL white LED portfolio impresses by providing a full CRI and CCT range in order to fit perfectly to numerous applications.

Features:

- Compact footprint (3.0 mm × 3.0 mm)
- Available in 80° and 150° viewing angle of choice
- Wide options of CRI and CCT range available
- Key parameters are binned at 85 °C
- Very low thermal resistance
- Maximum driving current up to 1.3 A

Applications:

- Street and tunnel lighting
- Architectural lighting
- Professional spot lights for shop and museums lighting



OSLON® SSL white

Type	Viewing angle	CCT (K)	CRI min.	CRI typ.
GW CS8PM1.PM	80°	3,000 – 6,500	70	72
GW CS8PM1.EM	80°	2,500 – 5,000	80	82
GW CS8PM1.CM	80°	2,700 – 4,000	90	92
GW CSHPM1.PM	150°	3,000 – 6,500	70	72
GW CSHPM1.EM	150°	2,500 – 5,000	80	82
GW CSHPM1.CM	150°	2,700 – 4,000	90	92



OSLON® SSL color

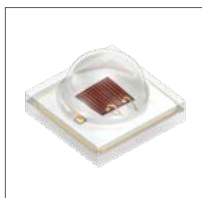
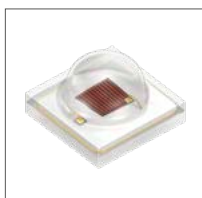
The OSLON® SSL color portfolio provides an unique portfolio of saturated colors. It is an ideal match to all high-light-quality applications in indoor as well as outdoor environment. The portfolio also includes 450 nm, 660 nm and 730 nm LEDs for professional horticulture lighting applications.

Features

- Compact footprint (3.0 mm × 3.0 mm)
- Broad range of color selection (450 nm – 730 nm)
- Available in 80°, 120° and 150° viewing angle
- Very low thermal resistance
- Maximum driving current up to 1 A

Applications

- Accent and effect lighting
- Architectural lighting
- Horticultural lighting
- Stage lighting



OSLON® SSL color

	Viewing angle	Color	Wave length (nm)
GH CS8PM1.24	80°	Hyper red (New)	660
GR CS8PM1.23	80°	Red (New)	623
GA CS8PM1.23	80°	Amber (New)	617
GY CS8PM1.23	80°	Yellow (New)	590
GB CS8PM1.13	80°	Blue (New)	470
GD CS8PM1.14	80°	Deep blue (New)	450
GT CS8PM1.13	80°	True green (New)	528
GF CS8PM2.24	80°	Far red (New)	730
GF CS8PM1.24	80°	Far red	730
GH CSSPM1.24	120°	Hyper red (New)	660
GF CSSPM1.24	120°	Far red (New)	730
GA CSSPM1.23	120°	Amber (New)	617
GD CSSPM1.14	120°	Deep blue (New)	450
GT CSSPM1.13	120°	True green (New)	528
GH CSHPM1.24	150°	Hyper red (New)	660
GR CSHPM1.23	150°	Red (New)	623
GA CSHPM1.23	150°	Amber (New)	617
GY CSHPM1.23	150°	Yellow (New)	590
GB CSHPM1.13	150°	Blue (New)	470
GD CSHPM1.14	150°	Deep blue (New)	450
GT CSHPM1.13	150°	True green (New)	528
GF CSHPM2.24	150°	Far red (New)	730
GF CSHPM1.24	150°	Far red	730





OSLOM® SSL on the Internet:
www.osram-os.com/oslon-ssl

For further information on the available products please visit our product catalog at www.osram.com/general-lighting

LED Light for you Network
www.ledlightforyou.com



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