



OSLOM® 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>

More information about LED in General Lighting:

LED Light Site

ledlight.osram-os.com

LED Light for you Network

www.ledlightforyou.com

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Light is impressive

The new 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.

Features

- Compact footprint (3.0 mm × 3.0 mm)
- Broad range of color selection (451 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

OSLON® SSL color

	Viewing angle	Color	Wave length (nm)
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
LH CP7P	80°	Hyper Red	660
LR CP7P	80°	Red	623
LA CP7P	80°	Amber	617
LY CP7P	80°	Yellow	590
LB CP7P	80°	Blue	470
LD CQ7P	80°	Deep Blue	450
LT CP7P	80°	True Green	528
LH CPDP	150°	Hyper Red	660
LR CPDP	150°	Red	623
LA CPDP	150°	Amber	617
LY CPDP	150°	Yellow	590
LB CPDP	150°	Blue	470
LD CQDP	150°	Deep Blue	450
LT CPDP	150°	True Green	528

