



Light is impressive

The OSOLON[®] SSL portfolio

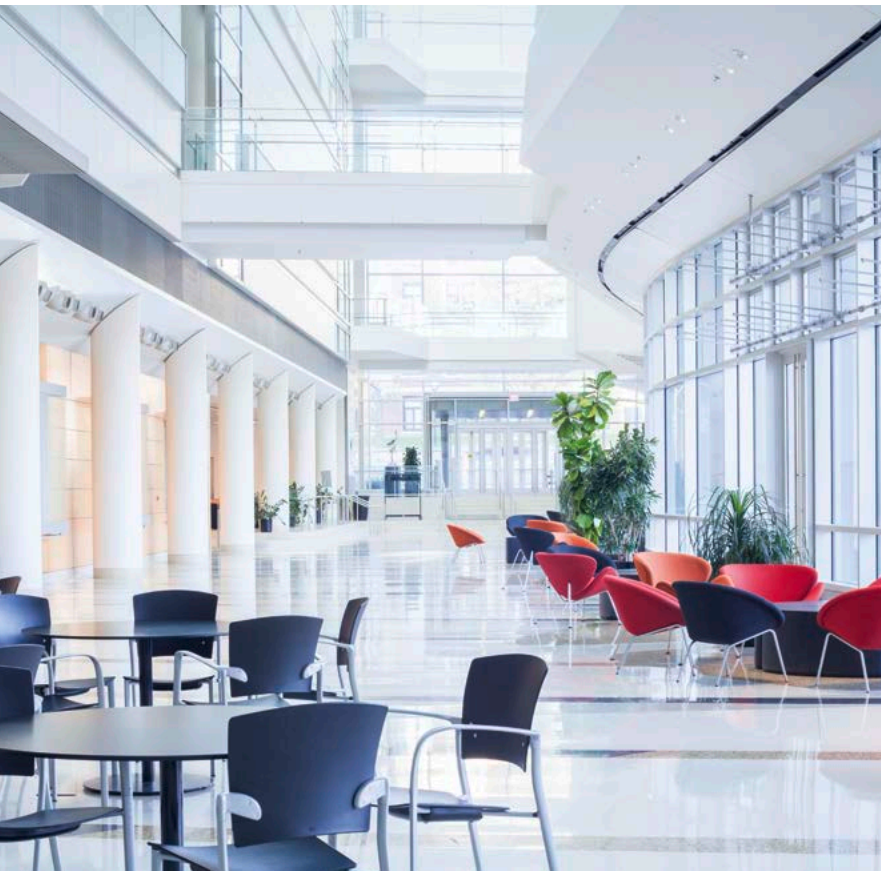
Powerful, small, durable

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

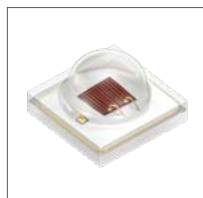
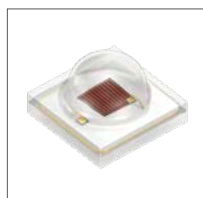
The OSLON® SSL color portfolio provides an unique portfolio of saturated colors. It is an ideal match to all high-light-quality applications in indoor as well as outdoor environment. The portfolio also includes 450 nm, 660 nm and 730 nm LEDs for professional horticulture lighting applications.

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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