

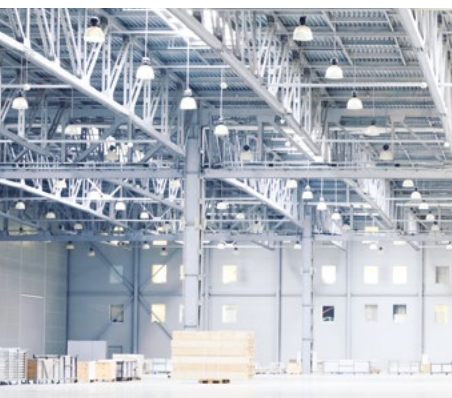
Light is freedom

## The new OSLON<sup>®</sup> Square

High-power LED with ultra-compact footprint  
for professional outdoor and indoor lighting

Light is OSRAM

**OSRAM**  
Opto Semiconductors



### Advantages

OSLON® Square – the most compact high-power LED with well-known superior robustness, high reliability, long life-time and very low thermal resistance. The OSLON® Square family is designed for professional outdoor and indoor lighting, based on different color rendering. The key parameters are binned at high temperature which is closer to the real application conditions of our customers.

### Features

- Ultra compact footprint (3 mm × 3 mm) for high-density arrays to simplify circuit designs
- Available with CRI 70, 80, 90
- Wide range of CCT selection
- Binned at 85 °C
- Very low thermal resistance
- Superior robustness and long lifetime
- Extendable range of current driving condition

For more technical values, please visit our product pages:  
[www.osram-os.com/products](http://www.osram-os.com/products)

### Applications

- Street lighting
- Tunnel lighting
- Path lighting
- Architectural lighting
- Low bay, high bay
- Professional shop lights
- Museum lighting
- Spot lights



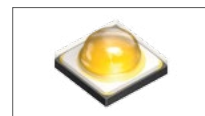
OSLON® Square on the internet:  
[www.osram-os.com/oslon-square](http://www.osram-os.com/oslon-square)

More information about LED in General Lighting:  
**LED Light Site:** [ledlight.osram-os.com](http://ledlight.osram-os.com)  
**LED Light for you Network:** [www.ledlightforyou.com](http://www.ledlightforyou.com)

### OSLON® Square

Type	Available CCT range (K)	CRI	Typ. Luminous flux (lm) <sup>1</sup>	Typ. Efficacy (lm/W) <sup>1</sup>	Typ. Forward voltage (V) <sup>1</sup>
GW CSSRM1.BM	2,700–4,000	typ. 95 (R9 typ. 90)	193 <sup>2</sup>	98 <sup>2</sup>	2.8
GW CSSRM2.CM	2,700–6,500	min. 90	211 <sup>2</sup>	108 <sup>2</sup>	2.8
GW CSSRM2.EM	2,700–5,000	min. 80	252 <sup>2</sup>	129 <sup>2</sup>	2.8
GW CSSRM2.PM	3,000–6,500	min. 70	314 <sup>3</sup>	160 <sup>3</sup>	2.8

<sup>1</sup> @ 700 mA, 85 °C | <sup>2</sup> @ 3,000 K, 85 °C | <sup>3</sup> @ 5,000 K, 85 °C



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