



Light is freedom
The new OSLON[®] Square

Light is OSRAM

OSRAM
Opto Semiconductors



Advantages

OSLON® Square – the most compact high power LED with well known superior robustness, high reliability, long lifetime 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 technical data please visit our website:

www.osram-os.com/products

Applications

- Streetlighting
- Tunnelling
- Pathlighting
- Architectural lighting
- Low bay, high bay
- Professional shop lights
- Museum lighting
- Spot lights



OSLON® Square on the Internet:
www.osram-os.com/oslon-square

More information about LED in General Lighting:

LED Light Site: ledlight.osram-os.com

LED Light for you Network: www.ledlightforyou.com

OSLON® Square

Type	CCT (K)	CRI	Typ. Luminous flux (lm) ¹	Typ. Luminous efficacy (lm/W) ¹	Typ. Forward voltage (V) ¹
GW CSSRM1.BM	2700–4000	Typ. 95 (R9 typ. 90)	172 ²	88 ²	2.8
GW CSSRM1.CC	2700–4000 5700–6500	Min. 90	196 ²	100 ²	2.8
GW CSSRM1.EC	2400–5000	Min. 80	233 ²	119 ²	2.8
GW CSSRM1.PC	3000–6500	Min. 70	281 ³	143 ³	2.8
GW CSSRM2.PM	3000–6500	Min. 70	290 ³	148 ³	2.8

¹ @ 700 mA, 85 °C | ² @ 3000 K | ³ @ 5000 K

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