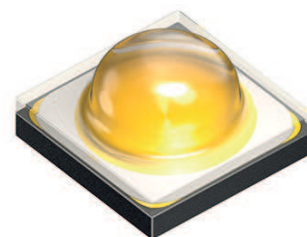


GW CSSRM1.PC



Higher performance. Lower thermal resistance.
Extended range of driving conditions. This is the
second generation OSLON Square.

Verbesserte Leistung. Verringerter Wärmewiderstand.
Erweiterter zulässiger Betriebsbereich. Das ist die
zweite Generation der OSLON Square.

Features:

- **Package:** SMT ceramic package with silicone resin and silicone lens
- **Viewing angle at 50 % I_V:** 120°
- **Color:** 3000 K - 6500 K (white)
- **CRI:** min. 70 (typ. 72)
- **Luminous Flux:** typ. 301 lm @ 5000 K, 85 °C
- **Luminous efficacy:** typ. 154 lm/W @ 5000 K, 85 °C
- **Corrosion Robustness:** Superior Corrosion Robustness
- **Lumen Maintenance:** Test results according to IESNA LM-80 available

Applications

- Industrial lighting
- Outdoor lighting
- Street and tunnel lighting

Besondere Merkmale:

- **Gehäusotyp:** SMT-Keramikgehäuse mit Silikonverguss und -linse
- **Abstrahlwinkel bei 50 % I_V:** 120°
- **Farbe:** 3000 K - 6500 K (weiß)
- **CRI:** min. 70 (typ. 72)
- **Lichtstrom:** typ. 301 lm @ 5000 K, 85 °C
- **Lichtausbeute:** typ. 154 lm/W @ 5000 K, 85 °C
- **Korrosionsstabilität:** Höchste Korrosionsbeständigkeit
- **Lichtstromerhaltung:** Testergebnisse nach IESNA LM-80 verfügbar

Anwendungen

- Industriebeleuchtung
- Außenbeleuchtung
- Straßen und Tunnel

| Group Gruppe | Cx | Cy | Group Gruppe | Cx | Cy | Group Gruppe | Cx | Cy |
|-----------------|--------|--------|-----------------|--------|--------|-----------------|--------|--------|
| 6E | 0.3154 | 0.3352 | 5L | 0.3670 | 0.3578 | 8Q | 0.4164 | 0.4029 |
| | 0.3162 | 0.3282 | | 0.3692 | 0.3677 | | 0.4198 | 0.4115 |
| | 0.3210 | 0.3408 | | 0.3746 | 0.3624 | | 0.4261 | 0.4077 |
| | 0.3216 | 0.3334 | | 0.3773 | 0.3726 | | 0.4299 | 0.4165 |
| 7E | 0.3146 | 0.3422 | 6L | 0.3692 | 0.3677 | 5R | 0.4147 | 0.3814 |
| | 0.3154 | 0.3352 | | 0.3714 | 0.3775 | | 0.4185 | 0.3902 |
| | 0.3205 | 0.3481 | | 0.3773 | 0.3726 | | 0.4222 | 0.3840 |
| | 0.3210 | 0.3408 | | 0.3799 | 0.3828 | | 0.4263 | 0.3929 |
| 5F | 0.3217 | 0.3316 | 7L | 0.3714 | 0.3775 | 6R | 0.4185 | 0.3902 |
| | 0.3222 | 0.3243 | | 0.3736 | 0.3874 | | 0.4223 | 0.3990 |
| | 0.3293 | 0.3384 | | 0.3799 | 0.3828 | | 0.4263 | 0.3929 |
| | 0.3294 | 0.3306 | | 0.3826 | 0.3931 | | 0.4305 | 0.4019 |
| 6F | 0.3212 | 0.3389 | 5M | 0.3746 | 0.3624 | 7R | 0.4223 | 0.3990 |
| | 0.3217 | 0.3316 | | 0.3773 | 0.3726 | | 0.4261 | 0.4077 |
| | 0.3292 | 0.3461 | | 0.3822 | 0.3670 | | 0.4305 | 0.4019 |
| | 0.3293 | 0.3384 | | 0.3853 | 0.3776 | | 0.4346 | 0.4108 |
| 7F | 0.3206 | 0.3462 | 6M | 0.3773 | 0.3726 | 8R | 0.4261 | 0.4077 |
| | 0.3212 | 0.3389 | | 0.3799 | 0.3828 | | 0.4299 | 0.4165 |
| | 0.3292 | 0.3461 | | 0.3853 | 0.3776 | | 0.4346 | 0.4108 |
| | 0.3292 | 0.3539 | | 0.3885 | 0.3882 | | 0.4387 | 0.4197 |
| 5G | 0.3293 | 0.3384 | 7M | 0.3799 | 0.3828 | 5S | 0.4222 | 0.3840 |
| | 0.3294 | 0.3306 | | 0.3826 | 0.3931 | | 0.4263 | 0.3929 |
| | 0.3366 | 0.3369 | | 0.3885 | 0.3882 | | 0.4298 | 0.3867 |
| | 0.3369 | 0.3451 | | 0.3916 | 0.3987 | | 0.4342 | 0.3957 |
| 6G | 0.3292 | 0.3461 | 5N | 0.3822 | 0.3670 | 6S | 0.4263 | 0.3929 |
| | 0.3293 | 0.3384 | | 0.3853 | 0.3776 | | 0.4305 | 0.4019 |
| | 0.3369 | 0.3451 | | 0.3898 | 0.3716 | | 0.4342 | 0.3957 |
| | 0.3373 | 0.3534 | | 0.3934 | 0.3825 | | 0.4386 | 0.4048 |
| 7G | 0.3292 | 0.3461 | 6N | 0.3853 | 0.3776 | 7S | 0.4305 | 0.4019 |
| | 0.3292 | 0.3539 | | 0.3885 | 0.3882 | | 0.4346 | 0.4108 |
| | 0.3373 | 0.3534 | | 0.3934 | 0.3825 | | 0.4386 | 0.4048 |
| | 0.3376 | 0.3616 | | 0.3970 | 0.3935 | | 0.4430 | 0.4138 |

| Group Gruppe | Cx | Cy | Group Gruppe | Cx | Cy | Group Gruppe | Cx | Cy |
|-----------------|--------|--------|-----------------|--------|--------|-----------------|--------|--------|
| 5H | 0.3366 | 0.3369 | 7N | 0.3885 | 0.3882 | 8S | 0.4346 | 0.4108 |
| | 0.3369 | 0.3451 | | 0.3916 | 0.3987 | | 0.4387 | 0.4197 |
| | 0.3441 | 0.3428 | | 0.3970 | 0.3935 | | 0.4430 | 0.4138 |
| | 0.3448 | 0.3515 | | 0.4006 | 0.4044 | | 0.4474 | 0.4228 |
| 6H | 0.3369 | 0.3451 | 5O | 0.3890 | 0.3690 | 5T | 0.4298 | 0.3867 |
| | 0.3373 | 0.3534 | | 0.3916 | 0.3772 | | 0.4342 | 0.3957 |
| | 0.3448 | 0.3515 | | 0.3975 | 0.3731 | | 0.4373 | 0.3893 |
| | 0.3456 | 0.3601 | | 0.4006 | 0.3815 | | 0.4420 | 0.3985 |
| 7H | 0.3373 | 0.3534 | 6O | 0.3916 | 0.3772 | 6T | 0.4342 | 0.3957 |
| | 0.3376 | 0.3616 | | 0.3943 | 0.3853 | | 0.4386 | 0.4048 |
| | 0.3456 | 0.3601 | | 0.4006 | 0.3815 | | 0.4420 | 0.3985 |
| | 0.3464 | 0.3688 | | 0.4036 | 0.3898 | | 0.4468 | 0.4077 |
| 5I | 0.3441 | 0.3428 | 7O | 0.3943 | 0.3853 | 7T | 0.4386 | 0.4048 |
| | 0.3448 | 0.3515 | | 0.3970 | 0.3934 | | 0.4430 | 0.4138 |
| | 0.3515 | 0.3487 | | 0.4036 | 0.3898 | | 0.4468 | 0.4077 |
| | 0.3527 | 0.3578 | | 0.4067 | 0.3982 | | 0.4515 | 0.4168 |
| 6I | 0.3448 | 0.3515 | 8O | 0.3970 | 0.3934 | 8T | 0.4430 | 0.4138 |
| | 0.3456 | 0.3601 | | 0.3997 | 0.4015 | | 0.4474 | 0.4228 |
| | 0.3527 | 0.3578 | | 0.4067 | 0.3982 | | 0.4515 | 0.4168 |
| | 0.3539 | 0.3669 | | 0.4097 | 0.4065 | | 0.4562 | 0.4260 |

Group Name on Label**Gruppenbezeichnung auf Etikett**

Example: MU-5R-K2

Beispiel: MU-5R-K2

| Brightness Helligkeit | Chromaticity Coordinate Farbort | Forward Voltage Durchlassspannung |
|--------------------------|------------------------------------|--------------------------------------|
| MU | 5R | K2 |

Note: No packing unit / tape ever contains more than one group for each selection.

Anm.: In einer Verpackungseinheit / Gurt ist immer nur eine Gruppe für jede Selektion enthalten.

Max. Permissible Forward Current
Max. zulässiger Durchlassstrom

$$I_F = f(T)$$

