



Light is reliable

OSCONIQ[®] P

The best choice for professional outdoor lighting applications

Light is OSRAM

OSRAM
Opto Semiconductors

Top quality, leading-edge technology and high reliability

OSRAM Opto Semiconductors' high- and ultra-high-power LEDs provide versatile opportunities for high-quality and cost-efficient outdoor lighting.

Advantages

In addition, the OSCONIQ® P high-power and ultra-high-power LEDs provide uncompromising reliability and performance. To achieve this, we have transferred our special automotive experience in combining competitive lead frame technology and high-power chips in the field of high volume products for General Lighting.

Features

- Superior corrosion robustness and long lifetime
- Best in class second board reliability compared to ceramic packages
- Key parameters binned at 85 °C

Powerful LEDs for street lighting applications



OSCONIQ® P 3737

- Long lifetime
- Maximum light output at minimized package size
- Enables very compact luminaire designs
- 2 Watt version and 3 Watt version available
- Flat and lensed version available

OSCONIQ® P 7070

- Enables significant reduction in system costs
- Reconciliation of thermal behavior and best in class second board reliability
- A broad choice of lens for secondary optics is readily available on the market
- Package: New SMD epoxy package with silicone lens
- ESD: 8 kV acc. to ANSI/ESDA/JEDEC JS-001 (HBM, Class 3B)
- Typ. power 7.84 Watt



High-quality tunnel lighting

Applications

- Professional outdoor lighting (street and tunnel lighting)
- High mast lighting
- Industrial luminaires (high bay, low bay)
- Architecture Lighting
- Stadium Lighting (TLCI)



Professional industrial lighting

OSCONIQ® P

Type	Available CCT range (K)	CRI min.	Typ. Luminous flux (lm)	Typ. Luminous efficacy (lm/W)	Power (W)	Typ. Forward Voltage V_f (V)	Binning temperature (°C)	Binning CCT (K)	Viewing angle at 50 % I_v	Footprint (mm ²)
OSCONIQ® P 3737										
GW PUSRA1.PM	3,000–6,500	70	318	159	2	2.86	85	5,000	120°	3.7 × 3.7
GW PUSRA1.EM	3,000–6,500	80	260	130	2	2.86	85	3,000	120°	3.7 × 3.7
GW PUSTA1.PM	3,000–6,500	70	490	169	3	2.78	85	5,000	120°	3.7 × 3.7
GW PUSTA1.EM	2,700–5,700	80	418	143	3	2.78	85	3,000	120°	3.7 × 3.7
GW PUSTA1.CM	5,000–5,700	90	390	134	3	2.78	85	3,000	120°	3.7 × 3.7
GW PULTA1.CM	5,000–5,700	90	366	127	3	2.78	85	3,000	120°	3.7 × 3.7
OSCONIQ® P 7070										
GW P7STA1.PM	3,000–6,500	70	1,186	146	8	11.40	85	5,000	120°	7.0 × 7.0
GW P7STA1.EM	2,700–5,700	80	1,032	131	8	11.40	85	3,000	120°	7.0 × 7.0
GW P7STA2.PM	3,000–6,500	70	1,186	146	8	5.70	85	5,000	120°	7.0 × 7.0
GW P7STA2.EM	2,700–5,700	80	1,032	131	8	5.70	85	3,000	120°	7.0 × 7.0



OSCONIQ® P Family on the Internet:
www.osram.com/osconiq-p

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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