

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.

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.



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OSCONIQ® P 3030 color

- Compact footprint (3.0 mm × 3.0 mm)
- Broad range of color selection (451 nm – 730 nm)
- Available in 120° viewing angle
- Very low thermal resistance
- Maximum driving current up to 1 A





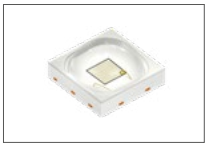
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Applications

- Accent and effect lighting
- Architectural lighting
- Horticultural lighting
- Stage lighting

OSCONIQ® P 3030 color*





	Viewing angle	Color	Wavelength (nm)
GD QSSPA1.14	120°	Deep Blue	449
GB QSSPA1.13	120°	Blue	470
GV QSSPA1.13	120°	Verde	490
GT QSSPA1.13	120°	True Green	528
GA QSSPA1.23	120°	Amber	617
GR QSSPA1.23	120°	Red	623
GH QSSPA1.24	120°	Hyper Red	660
GY QSSPA1.13	120°	Yellow	-
GW QSSPA1.WB	120°	Mint	-





OSCONIQ® P 3030 white

- High flux, high efficacy, high lm/$
- EMC package provides cost advantage to ceramics
- High reliability and long lifetime: L70 > 70K hrs*, DLC premium
- Excellent corrosion robustness: H2S tested
- Universal contact pad design for easy replacement
- Available in low CCT 2200K



OSCONIQ® P 3737 white

- 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 favailable

Applications

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

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 3030 white										
GW QSSPA1.PM	2,700 – 6,500	70	160	160	1	2.83	85	5,000	120°	3.0 × 3.0
GW QSSPA1.EM	2,200 – 5,000	80	135	135	1	2.83	85	3,000	120°	3.0 × 3.0
OSCONIQ® P 3737 white										
GW PUSRA1.PM	3,000 – 6,500	70	333	166	2	2.86	85	5,000	120°	3.7 × 3.7
GW PUSRA1.EM	3,000 – 6,500	80	268	139	2	2.86	85	3,000	120°	3.7 × 3.7
GW PUSTA1.PM	2,200 – 6,500	70	500	171	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	398	136	3	2.78	85	3,000	120°	3.7 × 3.7
GW PULTA1.CM	5,000 – 5,700	90	370	127	3	2.78	85	3,000	120°	3.7 × 3.7





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

For further information on the available products please visit our product catalog at http://catalog.osram-os.com

LED Light for you Network
www.ledlightforyou.com

LED Light for you
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