



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

Advantages

In addition, the new 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 (formerly known as DURIS® P 8) and 3 Watt version (formerly known as DURIS® P 9) available

OSCONIQ® P 7070

- Enables significant reduction in system costs
- Reconciliation of thermal behavior and best in class 2nd board reliability
- A broad choice of lens for secondary optics is readily available on the market

Applications

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



High-quality outdoor lighting for residential applications



Professional outdoor lighting in public spaces

OSCONIQ® P

Type	Color	Available CCT range (K)	CRI min.	Typ. Luminous flux (lm)	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	White	3,000–6,500	70	309	2	2.80	85	5,000	120°	3.7 × 3.7
GW PUSTA1.PM	White	3,000–6,500	70	473	3	2.75	85	5,000	120°	3.7 × 3.7

OSCONIQ® P 7070

GW P7STA1.PM	White	3,000–6,500	70	1,185	8	11.40	85	5,000	120°	7.0 × 7.0
GW P7STA2.PM	White	3,000–6,500	70	1,185	8	5.60	85	5,000	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 <http://catalog.osram-os.com>

More information about LED in General Lighting:

www.osram.com/general-lighting

LED Light for you Network

www.ledlightforyou.com



Asia

OSRAM Opto Semiconductors (China) Co., Ltd.
29/F Harbour Ring Plaza
No. 18 Xi Zang Middle Road
Shanghai, 200001 P.R.C.
China
E-mail: prasia@osram-os.com

Europe

OSRAM Opto Semiconductors GmbH
Leibnizstraße 4
D-93055 Regensburg, Germany
Phone: +49 941 850 1700
Fax: +49 941 850 3302
E-mail: support@osram-os.com

USA

OSRAM Opto Semiconductors Inc.
1150 Kifer Road, Suite 100
Sunnyvale, CA 94086, USA
Main Phone number: (408) 962-3700
Main Fax: (408) 738-9120
Inbound Toll Free: (866) 993-5211
E-mail: info@osram-os.com

OSRAM
Opto Semiconductors