



Light is revolutionary

DURIS[®] S 8

High power for modern life

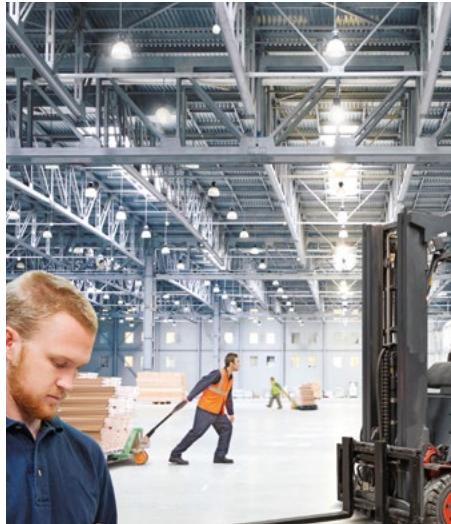
Light is OSRAM

OSRAM
Opto Semiconductors

DURIS® S 8



Outdoor Lighting



Industrial high bay lighting



Floodlights

Advantages

DURIS® S 8 is part of the revolutionary OSRAM Opto Semiconductors' Chip ARRAY SMD (CAS) consumer product line. This multi chip LED family combines the well-known advantages of mid-power SMT package technology with high luminous flux performance.

Features

- Footprint: 5 mm × 5 mm
- Small light emitting surface improves optical behavior in directional lighting
- Low thermal resistance to enable high operating power
- Full range of color temperatures: 2,700 K–6,500 K (white)
- Test results according to IESNA LM-80 available

- High efficacy
- Outdoor stability

Applications

When under-driven, DURIS® S 8 offers a perfect solution for high efficacy and compact luminance designs for outdoor lighting.

- Streetlighting, Tunnelling
- Outdoor lighting
- Floodlights
- Industrial high bays

DURIS® S 8

Type	Typ. $R_{th,JS\text{ et}}$ (K/W)	Available CCT range (K)	CRI min.	Typ. Luminous flux (lm)	Typ. Efficacy (lm/W)	Max. Current (mA)	Typ. Binning current (mA)	Typ. Binning temperature (°C)	Typ. Voltage (V)	Binning CCT (K)
GW P9LR32.CM	3.5	2,700 – 4,000	90	430	116	800	600	25	6.2	3,000
GW P9LR33.CM	3.5	2,700 – 4,000	90	430	116	200	150	25	24.8	3,000
GW P9LR34.PM	1.5	3,000 – 6,500	70	207	207	200	45	25	22.2	4,000
GW P9LR34.EM	1.5	2,200 – 6,500	80	190	190	200	45	25	22.2	4,000
GW P9LR35.PM	1.5	3,000 – 6,500	70	215	215	1,050	180	25	5.5	4,000
GW P9LR35.EM	1.5	2,200 – 6,500	80	190	190	800	180	25	5.5	4,000
GW P9LT31.PM	2.6	3,000 – 6,500	70	740	159	200	150	25	31.5	5,000
GW P9LT31.EM	2.6	2,700 – 6,500	80	640	138	200	150	25	31.0	3,000
GW P9LT31.CM	2.6	2,700 – 4,000	90	520	112	200	150	25	31.0	3,000
GW P9LT32.PM	2.6	3,000 – 6,500	70	740	159	1,000	750	25	6.3	5,000
GW P9LT32.EM	2.6	2,700 – 6,500	80	640	138	1,000	750	25	6.2	3,000
GW P9LT32.CM	2.6	2,700 – 4,000	90	518	111	1,000	750	25	6.2	3,000



For more technical details, please visit our product pages www.osram-os.com



DURIS® S 8 on the internet:
www.osram-os.com/duris-s8

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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