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PL0018 Series Ultra-Bright White Side View SMD LED

Features

- *Side View Package
2.8mm x 1.2mm x 0.80mm
- *Right Angle Design Ideal for Backlighting
- *Low Current Requirements
- *High Light Output
- *Wide Viewing Angle
- *Space Saving Design
- *Integrated Zener Diode for
Higher ESD Protection
- *RoHS Complaint

Absolute Maximum Ratings at T_A = 25°C

Reverse Voltage (<100μA)	5.0V
Power Dissipation	120mW
D.C. Forward Current	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100mA
Operating Temperature Range	-30°C to +85°C
Storage Temperature Range	-40°C to +100°C
Reflow Soldering Temperature	260°C for 10 seconds
ESD Threshold (HBM)6000V

Electrical & Optical Characteristics at T_A = 25°C

Part Number	Emitting Color	Material	Chromacity Coordinates		View Angle	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)		Luminous Flux
			X	Y	2θ ½	Typ	Max	Min	Max	
Water Clear Lens			X	Y	Deg	Typ	Max	Min	Max	mlm
PL0018-WCW24Z	White	InGaN	0.29	0.28	120°	3.2	3.5	850	1250	1300

Package Dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified.

