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PL00290 Series SMD LED Right Angle 1204 Package

Features

- *Oval Lens Side View Package 3.0 x 1.5 x 1.0mm
- *GaN Ultra Bright White Chip used
- *Low Current Requirements
- *High Light Output
- *Compatible with IR Solder-Process
- *Industry Standard Footprint
- *2000 or 1000 pcs per Reel
- *RoHS Compliant

Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

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

Electrical & Optical Characteristics at $T_A = 25^\circ\text{C}$

Part Number	Emitting Color	Chip Material	Chromaticity Coordinates		Viewing Angle 2 θ 1/2 Deg	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
			X	Y		Typ	Max	Min	Typ
PL00290-WCW03	White	GaN	0.31	0.31	120°	3.5	4.0	50.0	135.0

Package Dimensions are in **Millimeters**. Tolerance is $\pm 0.25\text{mm}$ unless otherwise specified.

