

P-tec Corp. Tel:(800)688-0613  
 2405 Commerce Circle Tel:(719) 589 3122  
 Alamosa Co. 81101 Fax:(719) 589 3592  
 www.p-tec.net sales@p-tec.net



## PL0017 Series Ultra-Bright White Side View SMD LED

### Features

- \*Side View Package  
3.8mm x 1.2mm x 0.60mm
- \*Right Angle Design Ideal for Backlighting
- \*Low Current Requirements
- \*High Light Output
- \*Wide Viewing Angle
- \*Space Saving Design
- \*RoHS Compliant

### Absolute Maximum Ratings at T<sub>A</sub> = 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) .....	300V

### Electrical & Optical Characteristics at T<sub>A</sub> = 25°C

Part Number	Emitting Color	Material	Chromacity Coordinates		View Angle 2θ ½ Deg	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)		Luminous Flux mlm
			X	Y		Typ	Max	Min	Max	
PL0017-WCW24	White	InGaN	0.29	0.28	120°	3.2	3.5	900	1300	1500

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

