

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



PL0055T Series SMD LED PLCC-6 Package

Features

- *Flat Lens Thin Package 5.0 x 5.0 x 1.5mm
- *10 InGaN Ultra Bright White Chips used
- *Very High Luminous Output
- *Wide Viewing Angle
- *1000 pc reels, 12mm Tape
- *RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

Power Dissipation.....	120mW
Reverse Voltage (<100μA).....	5.0V
Max Forward Current.....	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range.....	-25°C to +85°C
Storage Temperature Range.....	-40°C to +100°C
Reflow Soldering Temperature.....	260°C for 10 seconds
Electric Static Discharge Threshold (HBM).....	300V

Electrical & Optical Characteristics at T_A = 25°C

Part Number	Emitting Color	Chip Material	Chromacity Coordinates Typ		Viewing Angle 2θ ½ Deg	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)		Luminous Flux @20mA (mlm)
			X	Y		Typ	Max	Min	Typ	
PL0055T-WC10W24	White	InGaN	0.30	0.29	120°	6.0	7.0	9000	12000	22800

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

