

P-tec Corp.
2405 Commerce Circle
Alamosa CO 81101
www.p-tec.net

Tel:(866) 695 4162
Tel:(719) 589 3122
Fax:(719) 589 3592
sales@p-tec.net



PL22 Series 8mm LED

Features

*Flanged
*Available in Color, White
Diffused (WD), Color
Transparent (CT), and Water
Clear (WC)
*RoHS compliant

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

Reverse Voltage ($<100\mu\text{A}$).....	4.0V
Max Forward Current.....	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range.....	-25°C to $+85^\circ\text{C}$
Storage Temperature Range.....	-40°C to $+100^\circ\text{C}$
Soldering Temperature (1.6mm below body).....	260°C for 5 seconds

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

Part Number	Emitting Color	Material	Peak Wave Length	View Angle $2\theta_{1/2}$	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
					Typ	Max	Min	Typ
Color Diffused			(nm)	Deg				
PL22-CDR21	Dark Red	AlGaAs/GaAs	660	40°	1.8	2.2	180.0	300.0

All dimensions are in **Millimeters**. Tolerance is $\pm 0.25\text{mm}$ unless otherwise specified. An epoxy meniscus may extend about 1mm down the leads.

