**P-tec Corporation**
**2405 Commerce Circle**
**Alamosa Co. 81101**
**www.p-tec.net**

**Tel:(800)688-0613**
**Tel:(719) 589 3122**
**Fax:(719) 589 3592**
**sales@p-tec.net**

# PL72 Series Cylindrical LED

## Features

*Flat Top 5mm Lens with Flange
*GaP Green LED Chip used
*Very Wide Viewing Angle
*High Light Output
*Reliable and Rugged
*RoHS Compliant

## Absolute Maximum Ratings at $T_A$ = 25°C

| | |
|---|---|
| Power Dissipation | 78mW |
| 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 |
| Soldering Temperature (1.6mm below body) | 260°C for 5 seconds |

## Electrical & Optical Characteristics at $T_A$ = 25°C

| Part Number | Emitting Color | Chip Material | Peak Wave Length | Dominant Wave Length | Viewing Angle 2θ ½ | Forward Voltage @20mA (V) | | Luminous Intensity @20mA (mcd) | |
|---|---|---|---|---|---|---|---|---|---|
| Color Diffused Lens | | | nm | nm | Deg | Typ | Max | Min | Typ |
| PL72-CDG13 | Green | GaP | 567 | 572 | 98° | 2.1 | 2.6 | 2.5 | 5.5 |

All dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified. An epoxy meniscus may extend about 1mm down the leads.

