

P-tec Corp.
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



PL24 Series 10mm Ultra Bright Yellow LED

Features

- *Popular 10mm Lens with Flange
- *Low Current Requirements
- *High Light Output
- *Narrow Viewing Angle
- *RoHS Compliant

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

Power Dissipation	75mW
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.....	-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 $T_A = 25^\circ\text{C}$

Part Number	Emitting Color	Chip Material	Dominant Wave Length	Peak Wave Length	View Angle 2 θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
Water Clear Lens			nm	nm	Deg				
PL24-WCY26	Yellow	AlGaInP/ GaP	589	591	25°	2.1	2.5	2000	5000

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.

