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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 (I_R <math><100\mu\text{A}</math>)	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°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	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.

