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PL16 Series 5mm (T1¾) Ultra Bright Turquoise LED

Features

*Popular T1 3/4 Lens Style with Flange
*High Intensity
*Ultra High Light Output
*Broad Viewing Angle
*Integrated Zener Diode for better ESD Protection
*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
Soldering Temperature (1.6mm below body)	260°C for 5 seconds
Electrostatic Discharge	6000V

Electrical & Optical Characteristics at T_A = 25°C

Part Number	Emitting Color	Chip Material	Dominant Wave Length	Peak Wave Length	Viewing Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
Water Clear Lens			nm	nm	Deg	Typ	Max	Min	Typ
PL16E-WCG04Z	Turquoise	InGaN	500	—	25°	3.2	4.0	1950	4750

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

