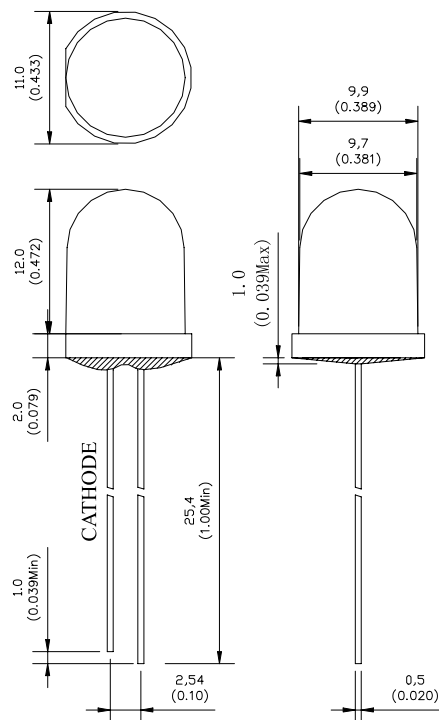


GNL-10003xxD (Φ 10mm ROUND TYPE) Ultra Brightness

ABSOLUTE MAXIMUM RATING:(Ta=25°C)

Parameter			Unit
DC Forward Current	30		mA
Reverse Voltage	5		V
Reverse Current (Vr=5V)	10		μA
Peak Forward Current ,tw ,=1 msec Duty ,=1/20	150		mA
Operation Temperature	-40	+80	°C
Storage Temperature	-40	+100	°C
Solder Dip (5 seconds,1.6mm from body) Temperature	300	±5	°C



Part Number	EMITTED COLOR		Lens Color	Peak Wavelength (nm)	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 θ 1/2
						Min.	Typ.	
GNL-10003UEW-TL	AlGaInP	High Bright Orange	White Diffused	625	2.0	600	800	50°
GNL-10003UYW-TL	AlGaInP	High Bright Yellow	White Diffused	590	2.0	500	700	50°
GNL-10003UBW-TL	InGaN	Super Bright Blue	White Diffused	470	3.5	250	400	60°
GNL-10003PGW-TL	AlGaInp	High Bright Green	White Diffused	525	3.5	9000	11000	30°
GNL-10003UWW-TL	AlGaInp	High Bright White	White Diffused	5500k	3.5	3000	4000	30°
GNL-10003PGW	AlGaInp	High Bright Green	White Diffused	525	3.5	7000	9000	30°