



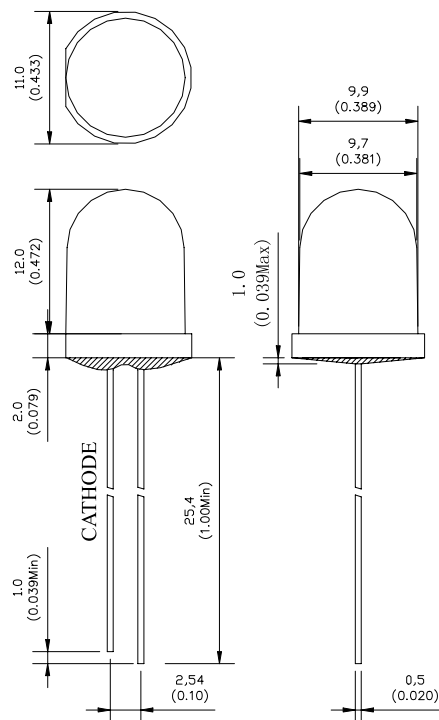
Lighting
LED TECHNOLOGY

G-NOR OPTOELECTRONICS Co.,Ltd.

GNL-10003xxB (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)	Blinking Frequency		Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 θ 1/2
					Min.	Typ.		Min.	Typ.	
GNL-10003SRD-B	GaAlAs	Red	Red Diffused	660	1.5Hz	2.5Hz	3.0	60	80	60°
GNL-10003LRD-B	GaAlAs	Red	Red Diffused	660	1.5Hz	2.5Hz	3.0	60	100	60°
GNL-10003GD-B	GaP	Green	Green Diffused	565	1.5Hz	2.5Hz	3.0	30	40	60°
GNL-10003YD-B	GaAsp	Yellow	Yellow Diffused	590	1.5Hz	2.5Hz	3.0	20	40	60°
GNL-10003ED-B	GaAsp/Gap	Orange	Red Diffused	625	1.5Hz	2.5Hz	3.0	20	40	60°
GNL-10003ED-E-B	GaAsp/Gap	Orange	Red Diffused	635	1.5Hz	2.5Hz	3.0	20	40	60°
GNL-10003UBD-B	InGaN/SiC	Blue	Blue Diffused	470	1.5Hz	2.5Hz	3.0	400	500	60°