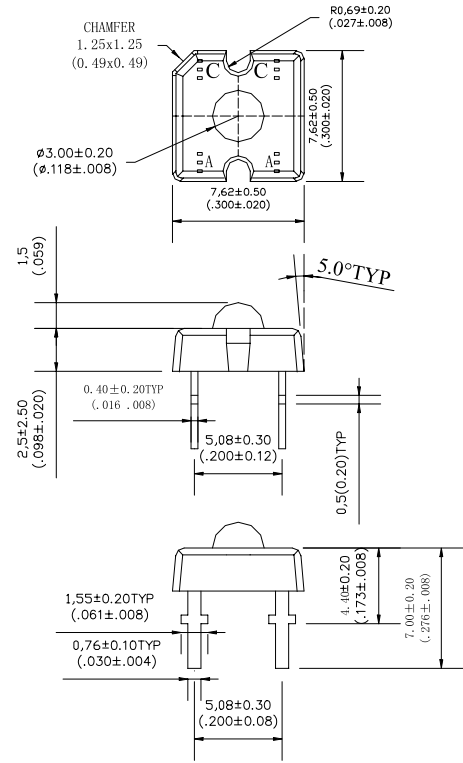


## GNL-1860xx (7.62x7.62) PIRANHA TYPE Flux LED Lamp

ABSOLUTE MAXIMUM RATING:(Ta=25°C)

Parameter			Unit
DC Forward Current	40		mA
Reverse Voltage	5		V
Reverse Current (Vr=5V)	10		μA
Peak Forward Current ,tw ,=1 msec Duty ,=1/20	180		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-1860UEC	AlGaInP	Orange Red	Water Clear	625	2.0	500	700	70°
GNL-1860URC	GaAlAs	Pure Red	Water Clear	660	1.9	300	400	65°
GNL-1860UYC	AlGaInP	Yellow	Water Clear	590	2.0	500	600	70°
GNL-1860UEC-TL	AlGaInP	Orange Red	Water Clear	625	2.0	1000	1300	70°
GNL-1860UYC-TL	AlGaInP	Yellow	Water Clear	590	2.0	1200	1700	70°
GNL-1860UYOC-TL	AlGaInP	Amber	Water Clear	610	2.0	1000	1500	65°
GNL-1860UBC	InGaN	Blue	Water Clear	470	3.5	350	500	65°
GNL-1860BGC	InGaN	Cyan	Water Clear	505	3.5	700	1000	65°
GNL-1860PGC	InGaN	Pure Green	Water Clear	525	3.5	1500	2000	65°
GNL-1860UBC-TL	InGaN	Blue	Water Clear	470	3.5	600	700	90°
GNL-1860BGC-TL	InGaN	Cyan	Water Clear	505	3.5	1000	1200	80°
GNL-1860PGC-TL	InGaN	Pure Green	Water Clear	525	3.5	1300	1500	70°
GNL-1860UWC	InGaN	Ultra White	Water Clear	5500K-7000K	3.5	1100	1300	80°
GNL-1860UWC-15C	InGaN	Ultra White	Water Clear	5500K-7000K	3.5	1400	1800	65°