



## JSL-411 Series (4mm oval ultra brightness LED diode)

### Features:

- 1.Ultra brightness.
- 2.Choice of various viewing angles
- 3.IC compatible /Low current capability
- 4.Long life solid state reliability.
5. RoHs compliant.

### Electrical and optical characteristics(Ta=25 °c)

Part Number	Dice material And color	Lens color	Peak Wavelength	Vf(V) Typ	Iv(mcd)			Viewing Angle 2 θ 1/2
					Min	Typ	Max	
JSL-411URC	GaAIAs/Ultra Red	Water Clear	625nm	2.0	1200	2000	3500	90°/40°
JSL-411URD	AlGaInP/Ultra Red	Red Diffused	625nm	2.0	800	1200	2000	90°/40°
JSL-411UYC	AlGaInP/Ultra Yellow	Water Clear	590nm	2.0	1200	2000	3500	90°/40°
JSL-411UYD	AlGaInP/Ultra Yellow	Yellow diffused	590nm	2.0	800	1200	2000	90°/40°
JSL-411UBC	InGaN/Ultra Blue	Water Clear	470nm	3.2	2000	3000	4500	90°/40°
JSL-411UBD	InGaN/Ultra Blue	Blue diffused	470nm	3.2	1000	1200	2000	90°/40°
JSL-411PGC	InGaN/Pure Green	Water Clear	525nm	3.2	5000	8000	12000	90°/40°
JSL-411PGD	InGaN/Pure Green	Green diffused	525nm	3.2	2500	3500	5000	90°/40°
JSL-411UWC	InGaN/Ultra White	Water Clear	6000K	3.2	8000	10000	15000	90°/40°
JSL-411UWD	InGaN/Ultra White	White Diffused	6000K	3.2	3000	4000	5000	90°/40°
JSL-411WWC	InGaN/Warm White	Water Clear	3000K	3.2	8000	10000	15000	90°/40°
JSL-411WWD	InGaN/Warm White	White Diffused	3000K	3.2	3000	4000	5000	90°/40°

