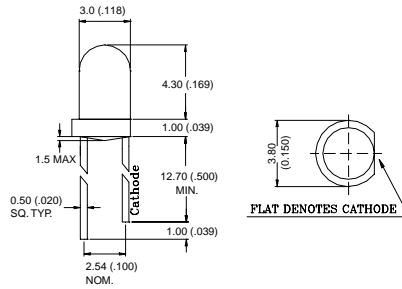


# AZ Displays, Inc.

## L-312XX 3.0mm Dia LED LAMP



Part No.	Chip		Lens Color	Wave- Length p(nm)	Electro-Optical Characteristics			View Angle (deg)
	Raw Material	Emitted Color			Vf(V) 20mA		Iv (mcd) 20mA	
					Typ.	Max.	Typ.	
L-312HD	GaP	Bright Red	Red Diffused	700	2.1	2.8	2.0	135
L-312ED	GaAsP/GaP	Hi.effi Red	Red Diffused	635	2.0	2.8	8.0	135
L-312ED-E	GaAsP/GaP	Orange	Orange Diffused	635	2.0	2.8	8.0	135
L-312GD	GaP	Green	Green Diffused	565	2.1	2.8	7.0	135
L-312YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	6.0	135
L-312SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.1	60.0	135
L-312LRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.1	120	135
L-312URD	GaAlAs	Super Red	Red Diffused	660	1.8	2.1	200	135
L-312HC	GaP	Bright Red	Water Clear	700	2.1	2.8	8.0	60
L-312EC	GaAsP/GaP	Hi.effi Red	Water Clear	635	2.0	2.8	20.0	60
L-312GC	GaP	Green	Water Clear	565	2.1	2.8	15.0	60
L-312YC	GaAsP/GaP	Yellow	Water Clear	585	2.1	2.8	15.0	60
L-312SRC	GaAlAs	Super Red	Water Clear	660	1.8	2.1	200	60
L-312LRC	GaAlAs	Super Red	Water Clear	660	1.8	2.1	400	60
L-312URC	GaAlAs	Super Red	Water Clear	660	1.8	2.1	600	60

1.All dimension are in millimeters (inches).

2.Tolerance is  $\pm 0.25$  mm (0.01") unless otherwise specified.