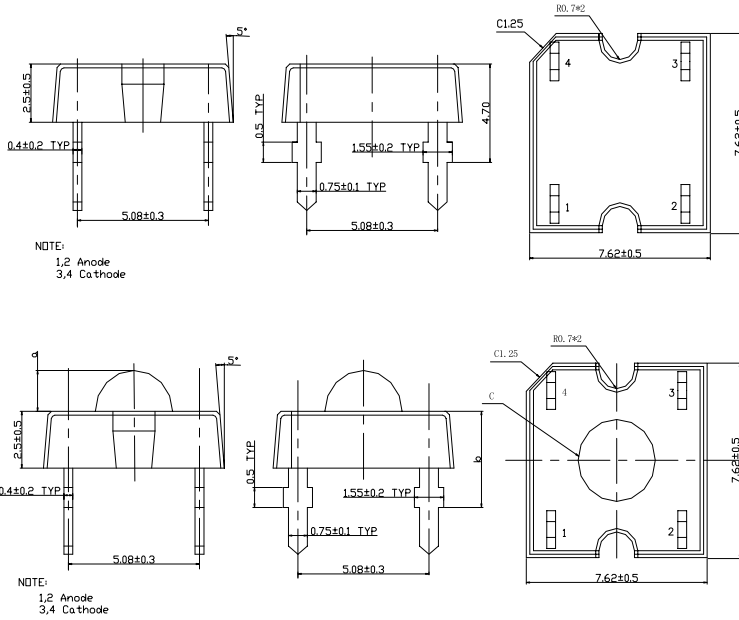
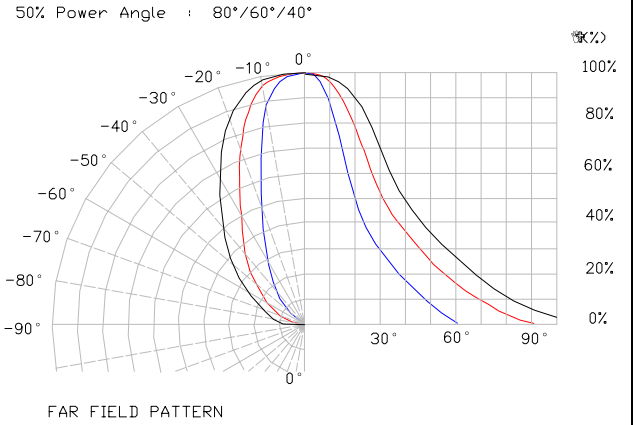


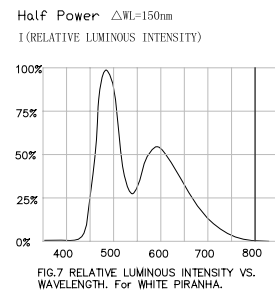
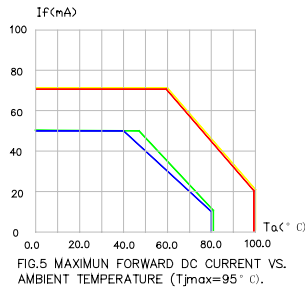
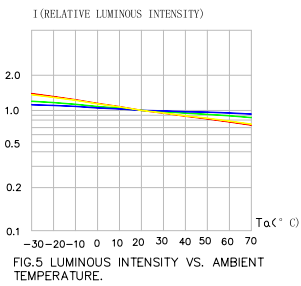
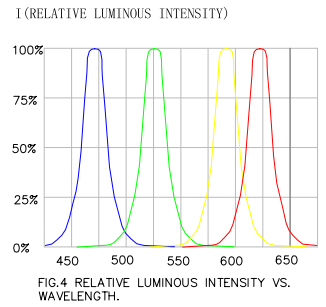
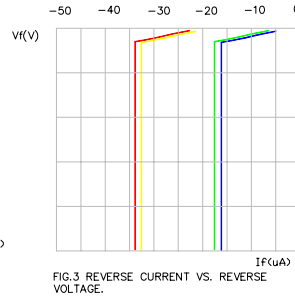
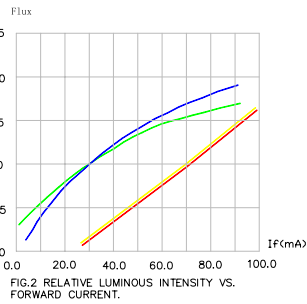
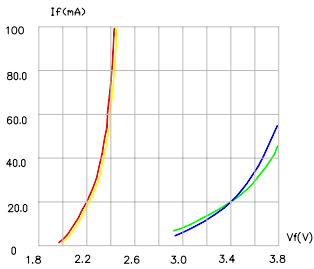
*** Outline Dimension(mm)**



*** Far Field Pattern**



*** Optical-Electrical Characteristics**




Features

- . High Flux Output
- . Low profile, long life
- . Low Power Dissipation

Application

- . Advertising Signs
- . Indicators
- . Automotive Exterior Lighting
- . Illuminations

Part NO.	Viewing Angle (deg)	Lens Color	Chromatic Coordinate		Chip			IV(mcd) (IF=20mA)		φV (mlm) (R.Y.IF=70mA; B.G.W IF=30mA)		Vf(V) (R.Y.IF=70mA; B.G.W IF=30mA)	
			Min	Max	Material	Emitting Color	λD(nm)(IF=20mA)	Min	Typ	Min	Typ	Typ	Max
WCN-P31SB1-40	40	Water Clear	---	---	AlInGaN	Blue	470	800	1500	400	1000	3.3	4.0
WCN-P31PG1-40	40	Water Clear	---	---	AlInGaN	Pure Green	525	1500	3000	1500	3000	3.3	4.0
WCN-P31UY1-40	40	Water Clear	---	---	AlInGaP	Yellow	590	1000	1800	1500	3000	2.0	2.4
WCN-P31HR1-40	40	Water Clear	---	---	AlInGaP	Red	623	1000	1800	1500	3000	2.0	2.4
WCN-P31WW1-40	40	Water Clear	0.25,0.26	0.35,0.36	AlInGaN	White	---	1000	2000	1000	3000	3.3	4.0
WCN-P51HR1-40	40	Water Clear	---	---	AlInGaP	Red	623	2700	4000	1500	3000	2.0	2.4
WCN-P51WW1-40	40	Water Clear	0.31,0.32	0.35,0.35	AlInGaN	White	---	2700	4000	1000	3000	3.3	4.0
WCN-P31SB1-60	60	Water Clear	---	---	AlInGaN	Blue	470	800	1000	400	1000	3.3	4.0
WCN-P31PG1-60	60	Water Clear	---	---	AlInGaN	Pure Green	525	1000	1800	1500	3000	3.3	4.0
WCN-P31UY1-60	60	Water Clear	---	---	AlInGaP	Yellow	590	800	1000	1500	3000	2.0	2.4
WCN-P31HR1-60	60	Water Clear	---	---	AlInGaP	Red	623	800	1000	1500	3000	2.0	2.4
WCN-P31WW1-60	60	Water Clear	0.27,0.27	0.35,0.36	AlInGaN	White	---	800	1000	1000	3000	3.3	4.0
WCN-P32SB1-80	80	Water Clear	---	---	AlInGaN	Blue	470	500	800	400	1000	3.3	4.0
WCN-P32PG1-80	80	Water Clear	---	---	AlInGaN	Pure Green	525	700	1200	1500	3000	3.3	4.0
WCN-P32UY1-80	80	Water Clear	---	---	AlInGaP	Yellow	590	500	800	1500	3000	2.0	2.4
WCN-P32HR1-80	80	Water Clear	---	---	AlInGaP	Red	623	500	800	1500	3000	2.0	2.4
WCN-P32WW1-80	80	Water Clear	0.27,0.27	0.35,0.36	InGaN	White	---	500	800	1000	3000	3.3	4.0
WCN-P51FC1-60	60	Water Clear	---	---	AlInGaN	Blue	470	5450	8600	400	1000	3.3	4.0
					AlInGaN	Pure Green	525	450	600	1500	3000	3.3	4.0
					AlInGaP	Red	623	270	400	1500	3000	2.0	2.4