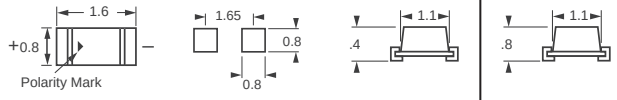
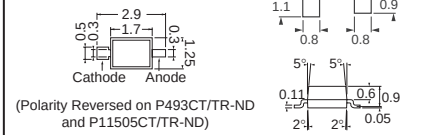
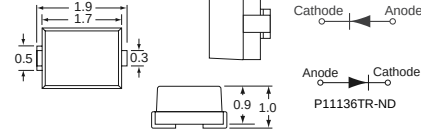


Fig. 2B



1

(Continued)

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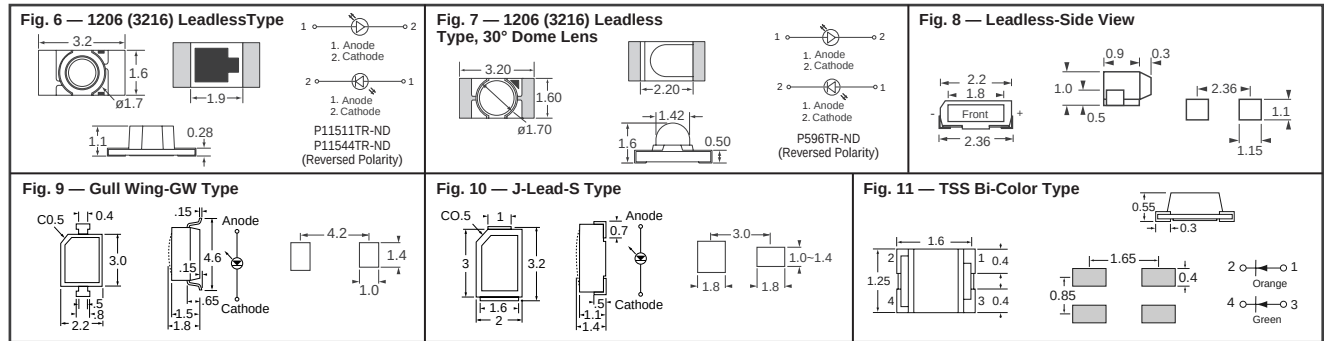


Fig.	Lighting Color	Lens	Process Tech.	Absolute Max. Ratings				Io		Rated (mA) IF	VF(V)		λP	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape & Reel		Panasonic Part No.
				(mW) PD	(mA) IF	(V) VR	(°C) T _C	(mcd) Typ.	(mcd) Min.		Typ.	Max.			1	10	100		Size	Pricing	
				0805 (2012) Gull Wing S-GW Type 2mm pitch Taping																	
5	Soft Orange	Yellow Diffused	GaAsP	60	20	3	-25-85	0.8	0.3	10	1.93	2.6	610	P492CT-ND	—	.17	.16	P492TR-ND	6,000	57.29/M	LN1871Y5TR
	Amber	Yellow Diffused	GaAsP	60	20	4	-25-85	1	0.4	10	2	2.6	590	P11125CT-ND	.20	.18	.17	P11125TR-ND	6,000	57.29/M	LN1471Y1TR
	Yellow Green	Green Diffused	GaP	60	20	4	-25-85	2.6	0.9	10	2.03	2.6	565	P491CT-ND	—	.17	.16	P491TR-ND	6,000	54.53/M	LN1371G1TR
	Yellow Green	Green Diffused	GaP	60	20	3	-30-85	2	0.7	5	1.9	2.4	565	P516CT-ND*	.18	.17	.16	P516TR-ND*	6,000	62.24/M	LN1371SGTR
	High Bright Yellow Green	Green Diffused	GaP	60	20	4	-25-85	5	3	10	2.03	2.6	565	P494CT-ND	—	.18	.17	P494TR-ND	6,000	56.74/M	LNJ306G5TR02
0805 (2012) Gull Wing S-GW Type 4mm pitch Taping																					
5	Ultra Bright Red	Red Diffused	GaAlAs	60	20	3	-25-85	5	1.7	10	1.72	2.5	660	P11505CT-ND	.21	.19	.17	P11505TR-ND	3,000	68.30/M	LN1271RALTRP
	Orange	Red Diffused	GaAsP	60	20	3	-30-85	1	0.4	5	1.8	2.4	630	P11506CT-ND	.20	.18	.17	P11506TR-ND	3,000	65.55/M	LN1871SRTRP
	Soft Orange	Yellow Diffused	GaAsP	60	20	3	-25-85	0.8	0.3	10	1.93	2.6	610	P11507CT-ND	.19	.18	.16	P11507TR-ND	3,000	62.79/M	LN1871Y5TRP
	Amber	Yellow Diffused	GaAsP	60	20	4	-30-85	1	0.4	5	1.9	2.4	590	P11508CT-ND	.19	.18	.16	P11508TR-ND	3,000	62.79/M	LN1471SYTRP
	Yellow Green	Green Diffused	GaP	60	20	4	-25-85	2.6	0.9	10	2.03	2.6	565	P11509CT-ND	.18	.17	.15	P11509TR-ND	3,000	59.49/M	LN1371G1TRP
	High Bright Yellow Green	Green Diffused	GaP	60	20	3	-25-85	2	0.7	5	1.9	2.4	565	P11510CT-ND	.19	.18	.16	P11510TR-ND	3,000	62.24/M	LN1371SGTRP
1206 (3216) Leadless with Flat Lens Type																					
6	High Bright Red	Red Diffused	GaAlAs	60	20	3	-30-85	7	2.3	10	1.72	2.5	660	P11141CT-ND	.18	.17	.16	P11141TR-ND	3,000	76.01/M	LNJ211R8ARA
	Orange	Red Diffused	GaAsP	60	20	3	-30-85	1.8	0.7	10	1.93	2.6	630	P11526CT-ND	.21	.20	.18	P11526TR-ND	3,000	70.51/M	LNJ81R8DRA
	Soft Orange	Yellow Diffused	GaAsP	60	20	3	-30-85	1	0.5	10	1.93	2.6	610	P11527CT-ND	.21	.20	.18	P11527TR-ND	3,000	70.51/M	LNJ81K8SRA
	Yellow Green	Green Diffused	GaAsP	60	20	4	-30-85	2.2	0.75	10	2	2.6	590	P11528CT-ND	.21	.20	.18	P11528TR-ND	3,000	70.51/M	LNJ41K8YRA
	Pure Green	Green Diffused	GaP	60	20	4	-30-85	5.5	1.8	10	2.03	2.6	565	P11529CT-ND	.20	.18	.17	P11529TR-ND	3,000	65.00/M	LNJ31G8TRA
	High Bright Red	Red Diffused	GaAlAs	60	20	3	-30-85	7	2.3	10	1.72	2.5	660	P541CT-ND†	.18	.17	.16	P541TR-ND†	3,000	76.01/M	LNJ211R8ARU
	Orange	Red Diffused	GaAsP	60	20	3	-30-85	1.8	0.7	10	1.93	2.6	630	P11540CT-ND†	.21	.20	.18	P11540TR-ND†	3,000	70.51/M	LNJ81R8DRU
	Amber	Yellow Diffused	GaAsP	60	20	4	-30-85	2.2	0.75	10	2	2.6	590	P11596CT-ND†	.21	.20	.18	P11596TR-ND†	3,000	70.51/M	LNJ41K8YRU
	Yellow Green	Green Diffused	GaP	60	20	4	-30-85	5.5	1.8	10	2.03	2.6	565	P540CT-ND†	.18	.17	.16	P540TR-ND†	3,000	65.00/M	LNJ31G8TRU
Ultra Bright InGaAlP / GaN LED																					
6	Ultra Bright Red	Red Diffused	InGaAlP	55	20	4	-30-85	15	8	10	1.92	2.5	645	P11532CT-ND	.35	.33	.30	P11532TR-ND	3,000	141.01/M	LNJ211R82RA
	Orange	Red Diffused	InGaAlP	55	20	4	-30-85	32	17	10	2.03	2.5	630	P11533CT-ND	.35	.33	.30	P11533TR-ND	3,000	141.01/M	LNJ81R83RA
	Soft Orange	Red Diffused	InGaAlP	55	20	4	-30-85	6.5	3.5	10	1.9	2.5	620	P11534CT-ND	.35	.33	.30	P11534TR-ND	3,000	141.01/M	LNJ81R88RA
	Amber	Yellow Diffused	InGaAlP	55	20	4	-30-85	21	10	10	1.95	2.5	615	P11535CT-ND	.35	.33	.30	P11535TR-ND	3,000	141.01/M	LNJ81K87RA
	Yellow Green	Green Diffused	InGaAlP	55	20	4	-30-85	17	9	10	2	2.5	595	P11536CT-ND	.35	.33	.30	P11536TR-ND	3,000	141.01/M	LNJ41K84RA
	Blue	White Diffused	GaN	40	10	5	-25-85	8.5	4.5	5	3.2	3.7	470	P11539CT-ND	2.29	2.15	2.01	P11539TR-ND	3,000	1043.77/M	LNJ91W8BWA
	Pure Green	White Diffused	GaN	40	10	5	-25-85	34	14.4	5	3	3.7	525	P11538CT-ND	2.29	2.15	2.01	P11538TR-ND	3,000	1043.77/M	LNJ61W8BWA
	Amber	Yellow Diffused	InGaAlP	55	20	4	-30-85	17	9	10	2	2.5	595	P11541CT-ND†	.35	.33	.30	P11541TR-ND†	3,000	141.01/M	LNJ41K84RU
	Blue	White Diffused	GaN	40	10	5	-25-85	8.5	4.5	5	3.2	3.7	470	P11543CT-ND†	2.29	2.15	2.01	P11543TR-ND†	3,000	1043.77/M	LNJ91W8BWRU
	Pure Green	White Diffused	GaN	40	10	5	-25-85	34	14.4	5	3	3.7	525	P11542CT-ND†	2.29	2.15	2.01	P11542TR-ND†	3,000	1043.77/M	LNJ61W8BWRU
1206 (3216) Leadless with Micro Lens Type																					
6	High Bright Red	Red Diffused	GaAlAs	60	20	3	-30-85	10.5	4	10	1.72	2.5	660	P11511CT-ND	.23	.21	.19	P11511TR-ND	3,000	76.01/M	LNJ216C8ARA
	Orange	Clear Non Diffused	GaAsP	60	20	3	-30-85	2.1	1.1	10	1.93	2.6	630	P11512CT-ND	.21	.20	.18	P11512TR-ND	3,000	70.51/M	LNJ816C8DRA
	Soft Orange	Clear Non Diffused	GaAsP	60	20	3	-30-85	1.5	0.8	10	1.93	2.6	610	P11513CT-ND	.21	.20	.18	P11513TR-ND	3,000	70.51/M	LNJ816C8SRA
	Amber	Yellow Diffused	GaAsP	60	20	4	-30-85	3.3	1.2	10	2	2.6	590	P11514CT-ND	.21	.20	.18	P11514TR-ND	3,000	70.51/M	LNJ416Q8YRA
	Green	Green Diffused	GaP	60	20	4	-30-85	8.8	3.3	10	2.03	2.6	565	P11515CT-ND	.20	.18	.17	P11515TR-ND	3,000	65.00/M	LNJ316C8TRA
	Pure Green	Clear Non Diffused	GaP	60	20	4	-30-85	1	0.4	10	2.03	2.6	565	P11517CT-ND	.23	.21	.19	P11517TR-ND	3,000	76.01/M	LNJ316C8PRA
	Red	Clear Non Diffused	GaAlAs	60	20	3	-30-85	10.5	4	10	1.72	2.5	660	P11544CT-ND†	.23	.21	.19	P11544TR-ND†	3,000	76.01/M	LNJ216C8ARU
	Orange	Clear Non Diffused	GaAsP	60	20	3	-30-85	2.1	1.1	10	1.93	2.6	630	P11545CT-ND†	.21	.20	.18	P11545TR-ND†	3,000	70.51/M	LNJ816C8DRU
	Amber	Yellow Clear Non Diff.	GaAsP	60	20	4	-30-85	3.3	1.2	10	2	2.6	590	P11546CT-ND†	.21	.20	.18	P11546TR-ND†	3,000	70.51/M	LNJ416Q8YRU
	Green	Clear Non Diffused	GaP	60	20	4	-30-85	8.8	3.3	10	2.03	2.6	565	P11547CT-ND†	.20	.18	.17	P11547TR-ND†	3,000	65.00/M	LNJ316C8TRU
Ultra Bright InGaAlP / GaN LED																					
6	Red	Clear Non Diffused	InGaAlP	55	20	4	-30-85	24	12.8	10	1.92	2.5	645	P11518CT-ND	.35	.33	.30	P11518TR-ND	3,000	141.01/M	LNJ216C82RA
	Orange	Clear Non Diffused	InGaAlP	55	20	4	-30-85	48	25	10	2.03	2.5	630	P11519CT-ND	.35	.33	.30	P11519TR-ND	3,000	141.01/M	LNJ816C83RA
	Soft Orange	Clear Non Diffused	InGaAlP	55	20	4	-30-85	9.8	5.2	10	1.9	2.5	620	P11520CT-ND	.35	.33	.30	P11520TR-ND	3,000	141.01/M	LNJ816C88RA
	Amber	Clear Non Diffused	InGaAlP	55	20	4	-30-85	30	16	10	1.95	2.5	615	P11521CT-ND	.35	.33	.30	P11521TR-ND	3,000	141.01/M	LNJ816C8TRA
	Yellow Green	Clear Non Diffused	InGaAlP	55	20	4	-30-85	26	13.8	10	2	2.5	595	P11522CT-ND	.35	.33	.30	P11522TR-ND	3,000	141.01/M	LNJ416C84RA
	Blue	Clear Non Diffused	InGaAlP	55	20	4	-30-85	22	11	10	2.03	2.5	575	P11523CT-ND	.35	.33	.30	P11523TR-ND	3,000	141.01/M	LNJ316C83RA
	Pure Green	Clear Non Diffused	GaN	40	10	5	-25-85	12.8	6.8	15	3.2	3.7	470	P11525CT-ND	2.29	2.15	2.01	P11525TR-ND	3,000	1043.77/M	LNJ916C8BWA
	Yellow Green	Clear Non Diffused	GaN	40	10	5	-25-85	51	27.2	5	3	3.7	525	P11524CT-ND	2.29	2.15	2.01	P11524TR-ND	3,000	1043.77/M	LNJ616C8BWA
		Clear Non Diffused	InGaAlP	55	20	4	-30-85	22	11	10	2.03	2.5	575	P11548CT-ND†	.35	.33	.30	P11548TR-ND†	3,000	141.01/M	LNJ316C83RU
1206 (3216) Leadless with Dome Lens Type (30 degree)																					
7	High Bright Red	Clear	GaAlAs	60	20	3	-30-85	32	17	10	1.72	2.5	660	P596CT-ND	.40	.37	.34	P596TR-ND	2,000	127.24/M	LNJ218C8ARA
	Orange	Clear Non Diffused	GaAsP	60	20	3	-30-85	9	4.5	20	1.93	2.6	630	P11563CT-ND	.28	.26	.24	P11563TR-ND	2,000	111.26/M	LNJ818C8DRA
	Soft Orange	Clear Non Diffused	GaAsP	60	20	3	-30-85	5	2.7	20	1.93	2.6	610	P11564CT-ND	.28	.26	.24	P11564TR-ND	2,000	111.26/M	LNJ818C8SRA
	Yellow Green	Clear	GaP	60	20	4	-30-85	25	10	10	2.03	2.6	565	P595CT-ND	.40	.37	.34	P595TR-ND	2,000	127.24/M	LNJ318C8TRA
	Amber	Yellow Clear Non Diff.	GaAsP	60	20	4	-30-85	7	3.7	20	2	2.6	590	P11565CT-ND	.28	.26	.24	P11565TR-ND	2,000	111.26/M	LNJ418Q8YRA
	Pure Green	Clear Non Diffused	GaP	60	20	4	-30-85	3.5	2	20	2.03	2.6	565	P11567CT-ND	.29	.27	.25	P11567TR-ND	2,000	116.77/M	LNJ318C8PRA
	High Bright Red	Clear Non Diffused	GaAlAs	60	20	3	-30-85	32	17	20	1.72	2.5	660	P11576CT-ND	.29	.27	.25	P11576TR-ND	2,000	116.77/M	LNJ218C8ARU
	Soft Orange	Clear Non Diffused	GaAsP	60	20	3	-30-85	5	2.7	10	1.03	2.6	610	P11577CT-ND	.28	.26	.24	P11577TR-ND	2,000	111.26/M	LNJ818C8SRU
	Amber	Yellow Clear Non Diff.	GaAsP	60	20	4	-30-85	7	3.7	20	2	2.6	590	P11578CT-ND	.28	.26	.24	P11578TR-ND	2,000	111.26/M	LNJ418Q8YRU
Ultra Bright InGaAlP LED																					
7	Ultra Bright Red	Clear Non Diffused	InGaAlP	55	20	4	-30-85	75	40	20	1.92	2.5	645	P11568CT-ND	.55	.52	.47	P11568TR-ND	2,000	222.53/M	LNJ218C82RA
	Orange	Clear Non Diffused	InGaAlP	55	20	4	-30-85	160	85	20	2.03	2.5	630	P11569CT-ND	.55	.52	.47	P11569TR-ND	2,000	222.53/M	LNJ818C83RA
	Soft Orange	Clear Non Diffused	InGaAlP	55	20	4	-30-85	33	17.6	10	1.9	2.5	620	P11570CT-ND	.55	.52	.47	P11570TR-ND	2,000	222.53/M	LNJ818C88RA
	Amber	Clear Non Diffused	InGaAlP	55	20	4	-30-85	100	56	20	1.95	2.5	615	P11571CT-ND	.55	.52	.47	P11571TR-ND	2,000	222.53/M	LNJ818C8TRA
	Yellow Green	Clear Non Diffused	InGaAlP	55	20	4	-30-85	85	45	20	2	2.5	595	P11572CT-ND	.55	.52	.47	P11572TR-ND	2,000	222.53/M	LNJ418C84RA
	Yellow Green	Clear Non Diffused	InGaAlP	55																	

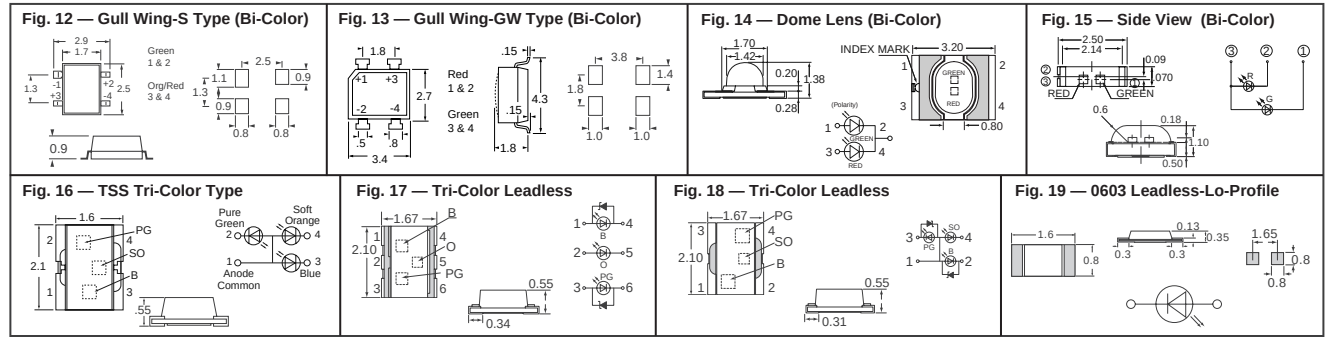


Fig.	Lighting Color	Lens	Process Tech.	Absolute Max. Ratings				Io		Rated (mA)	VF(V)		ΔP Typ.	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape & Reel		Panasonic Part No.
				(mW) PD	(mA) IF	(V) VR	(°C) Topr	(mcd) Typ.	(mcd) Min.		Typ.	Max.			1	100	Size		Pricing		
Side Firing LED with Reflective Case																					
8	Red	Clear	GaP	60	20	4	-25~80	0.7	0.25	10	2.03	2.6	700	P11138CT-ND	.22	.21	.19	P11138TR-ND	3,000	89.78/M	LNJ210C6RRA
	High Bright Red	Clear	GaAlAs	60	20	3	-25~80	8	2.6	10	1.72	2.5	660	P11139TR-ND	.22	.21	.19	P11139TR-ND	3,000	100.25/M	LNJ210C6ARA
	Orange	Red Clear	GaAsP	60	20	3	-25~80	2.5	0.8	10	1.93	2.6	630	P519CT-ND	.21	.20	.18	P519TR-ND	3,000	94.74/M	LNJ810L6DRA
	Soft Orange	Red Clear Non Diff.	GaAsP	60	20	3	-25~85	1.8	0.75	10	1.93	2.6	610	P11580TR-ND	.29	.27	.24	P11580TR-ND	3,000	94.74/M	LNJ810L6SRA
	Amber	Yellow Clear	GaAsP	60	20	4	-25~80	2.5	0.8	10	2	2.6	590	P11140CT-ND	.22	.21	.19	P11140TR-ND	3,000	94.74/M	LNJ410Q6VRA
	Yellow Green	Clear	GaP	60	20	4	-25~80	8	3	10	2.03	2.6	565	P520CT-ND	.21	.20	.18	P520TR-ND	3,000	89.78/M	LNJ310M6URA
	Green	Clear Non Diffused	GaP	60	20	4	-25~85	3.2	1.7	10	2.1	2.6	560	P11581CT-ND	.28	.25	.23	P11581TR-ND	3,000	89.78/M	LNJ310C6ARA
	Pure Green	Clear Non Diffused	GaP	60	20	4	-25~85	1.1	0.6	10	2.03	2.6	555	P11582CT-ND	.31	.28	.25	P11582TR-ND	3,000	100.25/M	LNJ310C6PRA
	White	White Diffused	GaN	120	30	5	-25~80	260	180	10	3.4	3.9	—	P12024CT-ND	3.18	2.97	2.69	P12024TR-ND	3,000	1288.88/M	LNJ3010X6FRA
Ultra Bright InGaAlP LED																					
8	Ultra Bright Red	Clear Non Diffused	InGaAlP	55	20	4	-25~85	23	12	10	1.92	2.5	645	P11583CT-ND	.40	.38	.34	P11583TR-ND	3,000	161.39/M	LNJ210C62RA
	Orange	Clear Non Diffused	InGaAlP	55	20	4	-25~85	48	25	10	2.03	2.5	630	P11584TR-ND	.40	.38	.34	P11584TR-ND	3,000	161.39/M	LNJ810C63RA
	Soft Orange	Clear Non Diffused	InGaAlP	55	20	4	-25~85	45	24	10	1.95	2.5	620	P11585CT-ND	.40	.38	.34	P11585TR-ND	3,000	161.39/M	LNJ810C68RA
	Amber	Clear Non Diffused	InGaAlP	50	20	4	-25~80	30	12	10	1.95	2.5	615	P11586CT-ND	.40	.38	.34	P11586TR-ND	3,000	161.39/M	LNJ810C67RA
	Yellow Green	Clear Non Diffused	InGaAlP	50	20	4	-25~80	22.5	8.5	10	2	2.5	595	P11587CT-ND	.40	.38	.34	P11587TR-ND	3,000	161.39/M	LNJ410C64RA
Gull Wing GW Type with Reflective Case																					
9	Red	Clear	GaP	60	20	4	-25~80	1.4	0.5	15	2.2	2.8	700	P503CT-ND	.18	.17	.16	P503TR-ND	2,000	70.50/M	LNJ261CTR
	High Bright Red	Clear	GaAlAs	50	20	3	-25~80	12	5	20	1.8	2.6	660	P513CT-ND	.24	.23	.21	P513TR-ND	2,000	81.52/M	LNJ261CALTR
	Orange	Clear	GaAsP	60	20	3	-25~80	5	1.9	20	2.1	2.8	630	P505CT-ND	.18	.17	.16	P505TR-ND	2,000	76.01/M	LNJ861CTR
	Amber	Clear	GaAsP	60	20	4	-25~80	4.5	1.6	20	2.2	2.8	590	P512CT-ND	.19	.17	.16	P512TR-ND	2,000	76.01/M	LNJ461CTR
	Yellow Green	Clear	GaP	60	20	4	-25~80	7.5	2.8	20	2.2	2.8	565	P504CT-ND	.18	.17	.16	P504TR-ND	2,000	70.50/M	LNJ361CTR
	High Bright Yellow Green	Clear	GaP	60	20	4	-25~80	15	8	20	2.2	2.8	565	P514CT-ND	.21	.20	.18	P514TR-ND	2,000	70.50/M	LNJ361C3UR01
Ultra Bright InGaAlP LED																					
9	Amber	Clear	InGaAlP	50	20	4	-25~80	18	6.5	10	2	2.3	595	P11128CT-ND	.32	.30	.27	P11128TR-ND	2,000	152.02/M	LNJ461C34RA
1206 (3216) J-Lead J Type with Reflective Case																					
10	Red	Clear	GaAsP	45	15	4	-25~80	1.2	0.45	10	2.1	2.8	700	P500CT-ND	.18	.17	.16	P500TR-ND	3,000	70.51/M	LNJ251CTR
	High Bright Red	Clear	GaAlAs	45	15	3	-25~80	9	3.3	10	1.75	2.6	660	P11126CT-ND	.24	.23	.21	P11126TR-ND	3,000	81.52/M	LNJ251CALTR
	Orange	Clear	GaAsP	45	15	3	-25~80	3.5	1.3	10	0.05	2.8	630	P502CT-ND	.18	.17	.16	P502TR-ND	3,000	76.01/M	LNJ851CTR
	Amber	Clear	GaAsP	45	15	4	-25~80	2.2	0.8	10	2.1	2.8	590	P511CT-ND	.18	.17	.16	P511TR-ND	3,000	76.01/M	LNJ451CTR
	Yellow Green	Clear	GaP	45	15	4	-25~80	5	1.9	10	2.1	2.8	565	P501CT-ND	.18	.17	.16	P501TR-ND	3,000	70.51/M	LNJ351CTR
Ultra Bright GaN LED																					
10	Blue	Clear	GaN	40	10	5	-25~80	9	3	5	3.2	3.7	470	P11127CT-ND	2.11	1.94	1.76	P11127TR-ND	3,000	1043.77/M	LNJ951C4BRA
	Pure Green	Clear	GaN	40	10	5	-25~80	6	3	5	3.0	3.7	525	P628CT-ND	2.11	1.94	1.76	P628TR-ND	3,000	1043.77/M	LNJ651C4VRA
Leadless TSS: Type Bi-Color																					
11	Yellow Green	White Diffused	GaP	60	20	4	-30~85	5	1.8	10	2.03	2.6	565	P11142CT-ND	.44	.41	.37	P11142TR-ND	5,000	93.64/M	LNJ115W8ARA
	Orange	White Diffused	GaAsP	60	20	3	-30~85	1	0.4	10	1.93	2.6	630	P11143CT-ND	.44	.41	.37	P11143TR-ND	5,000	103.55/M	LNJ115W8PRA
	High Bright Red	White Diffused	GaAlAs	50	20	3	-30~85	6.7	2.2	10	1.72	2.5	655	P11144CT-ND							
Ultra Bright InGaAlP / GaN LED Combination																					
11	Yellow Green	White Diffused	GaP	60	20	4	-30~85	5	1.8	10	2.03	2.6	565	P11144CT-ND	.61	.57	.52	P11144TR-ND	5,000	246.76/M	LNJ115W88RA
	Amber	White Diffused	InGaAlP	55	20	4	-30~85	21	7	10	2.1	2.6	595	P11591CT-ND	.67	.63	.57	P11591TR-ND	5,000	246.76/M	LNJ115W89RA
	Yellow Green	White Diffused	GaP	60	20	4	-30~85	5	1.8	10	2.03	2.6	565	P11591CT-ND							
	Soft Orange	White Diffused	InGaAlP	55	20	4	-30~85	21	7	10	1.95	2.5	615	P11590CT-ND	3.10	2.90	2.71	P11590TR-ND	5,000	1283.92/M	LNJ115W86RA
	Pure Green	White Diffused	GaN	40	10	5	-30~85	34	12.9	5	3	3.7	525	P11590CT-ND	3.10	2.90	2.71	P11590TR-ND	5,000	1283.92/M	LNJ115W86RA
	High Bright Red	White Diffused	GaAlAs	55	20	3	-30~85	6.7	2.8	10	1.72	2.5	655	P11589CT-ND	3.10	2.90	2.71	P11589TR-ND	5,000	1283.92/M	LNJ115W8HRA
	Blue	White Diffused	GaN	40	10	5	-30~85	8.5	4	5	3.2	3.7	470	P11589CT-ND	3.10	2.90	2.71	P11589TR-ND	5,000	1283.92/M	LNJ115W8HRA
	High Bright Red	White Diffused	GaAlAs	55	20	3	-30~85	6.7	2.8	10	1.72	2.5	655	P11145CT-ND	3.18	2.92	2.66	P11145TR-ND	5,000	1283.92/M	LNJ115W8VRA
Pure Green	White Diffused	GaN	40	10	5	-30~85	34	10.3	5	3	3.7	525	P11145CT-ND								
Pure Soft Orange	White Diffused	InGaAlP	55	20	4	-30~85	21	7	10	1.95	2.5	615									
S-GW Gull Wing Type Bi-Color																					
12	High Bright Yellow Green	White Diffused	GaP	60	20	4	-25~85	5	3	10	2.03	2.6	565	P526CT-ND	.41	.38	.35	P526TR-ND	3,000	130.54/M	LNJ107W5PRW
	High Bright Red	White Diffused	GaAlAs	60	20	3	-25~85	5	1.7	10	1.72	2.5	660	P515CT-ND	.41	.38	.35	P515TR-ND	3,000	119.53/M	LNJ107W5ARA1
	Yellow Green	White Diffused	GaP	60	20	4	-25~85	2.6	0.9	10	2.03	2.6	565	P515CT-ND							
	Orange	White Diffused	GaAsP	60	20	3	-25~85	1	0.4	10	1.93	2.6	630								
Gull Wing Type Bi-Color with Reflective Case																					
13	Green	Clear	GaP	45	15	4	-25~80	4	1.5	10	2.05	2.8	655	P507CT-ND	.41	.38	.35	P507TR-ND	1,000	141.00	LN2162C13TR
	Red	Clear	GaAsP	45	15	3	-25~80	1.8	0.65	10	2	2.8	650	P11147CT-ND	.44	.41	.37	P11147TR-ND	1,000	141.00	LN2162C68TR
	Pure Green	Clear	GaAsP	45	15	3	-25~85	2.5	1.2	10	2.05	2.8	555	P11147CT-ND							
	Orange	Clear	GaAsP	45	15	3	-25~65	2.1	0.8	10	1.95	2.8	630								
Dome Lens Leadless Bi-Color LED																					
14	Yellow/Green	White Diffused	GaP	60	20	4	-30~85	10	5	10	2.03	2.6	565	P594CT-ND	.47	.44	.40	P594TR-ND	2,500	208.21/M	LNJ121W84RA
	High Bright Red	White Diffused	InGaAlP	55	20	4	-30~85	13.4	7	10	1.92	2.5	645	P593CT-ND							
Side View Smaller Size Leadless Bi-Color LED																					
15	Yellow/Green	White Diffused	GaP	60	20	4	-30~85	5	1.8	10	2.03	2.6	565	P593CT-ND	.47	.44	.40	P593TR-ND	4,000	208.21/M	LNJ123W8PRZ
	High Bright Red	White Diffused	GaAlAs	50	20	3	-30~85	4	1.5	10	1.72	2.5	655	P593CT-ND							
Tri-Color Leadless LED Ultra Bright LED Combination																					
16	Blue	White Diffused	InGaAlP	40	10	5	-30~85	8.5	3.2	5	3.2	3.7	470	P11146CT-ND	6.12	5.62	5.11	P11146TR-ND	2,000	2496.78/M	LNJ717W80RA
	Pure Green	White Diffused	InGaAlP	40	10	5	-30~85	34	10.3	5	3	3.7	525	P11146CT-ND							
	Soft Orange	White Diffused	InGaAlP	55	20	4	-30~85	23	7	10	1.95	2.5	615	P11592CT-ND	5.77	5.41	5.05	P11592TR-ND	2,000	2630.62/M	LNJ717W83RAS
17	Blue	White Diffused	GaN	65	15	4	-30~85	35	10	5	3.1	3.7	470	P11592CT-ND							
	Pure Green	White Diffused	GaN	65	15	4	-30~85	85	50	5	3.1	3.7	525	P11592CT-ND							
	Orange	White Diffused	InGaAlP	70	20	4	-30~85	45	15	10	2	2.5	630	P11593CT-ND	5.77	5.41	5.05	P11593TR-ND	2,000	2630.62/M	LNJ717W80RA1
18	Blue	White Diffused	GaN	65	15	4	-30~85	35	10	5	3.1	3.7	470	P11593CT-ND							
	Pure Green	White Diffused	GaN	65	15	4	-30~85	85	50	5	3.1	3.7	525	P11593CT-ND							
	Soft Orange	White Diffused	InGaAlP	70	20	4	-30~85	45	20	10	1.95	2.5	615	P11593CT-ND							
0603 Leadless Lo-Profile																					
19	White Light	White Diffused	GaN	27	7	5	-30~85	25	13	5	3.1	3.7	—	P12022CT-ND	2.70	2.53	2.29	P12022TR-ND	5,000	996.40/M	LNJ026X8BRA

* Low current LED, same brightness as previous design with half the power, ideal for battery powered equipment.

† Thru-Board type