

OPTEK Visible LEDs



OPTEK Technology

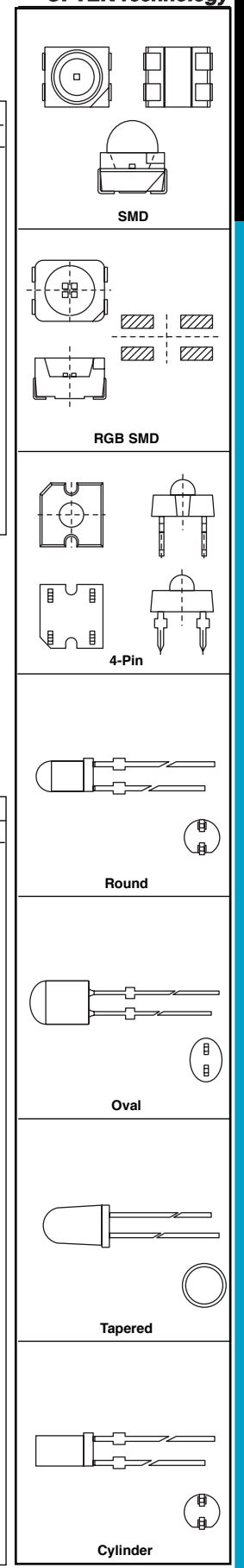
Optek Technology offers High Brightness Visible LED's in through hole and surface mount configurations and are available in a variety of package styles.

SURFACE MOUNT

MOUSER STOCK NO.	Optek Part No.	Package	Size (mm)	Emitted Color	Typical Vf (V)	Wave-length (nm) Typ	Viewing Angle	Forward Current (ma)	Typical Iv/flux	Price Each		
										1	10	100
828-OVSAABC2R8	OVSAABC2R8	SMD	PLCC-4	Amber	2.6	591nm	120°	70	700mcd	.75	.63	.56
828-OVSAABLCR8	OVSAABLCR8	SMD	PLCC-4	Amber	2.6	591nm	60°	70	1800mcd	.75	.63	.56
828-OVSR9ABC8R	OVSR9ABC8R	SMD	RA PLCC	Amber	2.3	591nm	120°	50	350mcd	.75	.63	.56
828-OVSABBC2R8	OVSABBC2R8	SMD	PLCC-4	Blue	3.9	470nm	120°	30	200mcd	.96	.80	.72
828-OVSR9BBCR8	OVSR9BBCR8	SMD	RA PLCC	Blue	3.6	470nm	120°	20	120mcd	1.17	.98	.88
828-OVSACBC2R8	OVSACBC2R8	SMD	PLCC-4	Blue-Grn	3.9	505nm	120°	30	700mcd	1.26	1.05	.95
828-OVSR9CBCR8	OVSR9CBCR8	SMD	RA PLCC	Blue-Grn	3.6	505nm	120°	20	560mcd	1.26	1.05	.95
828-OVSAGBC2R8	OVSAGBC2R8	SMD	PLCC-4	Green	3.9	527nm	120°	30	700mcd	1.26	1.05	.95
828-OVSR9GBCR8	OVSR9GBCR8	SMD	RA PLCC	Green	3.6	527nm	120°	20	560mcd	1.35	1.13	1.01
828-OVSASBC2R8	OVSASBC2R8	SMD	PLCC-4	Red	2.5	628nm	120°	70	1000mcd	.72	.60	.54
828-OVSASBLCR8	OVSASBLCR8	SMD	PLCC-4	Red	2.5	628nm	60°	70	2200mcd	.75	.63	.56
828-OVSR9RBCR8	OVSR9RBCR8	SMD	RA PLCC	Red	2.3	628nm	120°	50	400mcd	.75	.63	.56
828-OVSAQBLCR8	OVSAQBLCR8	SMD	PLCC-4	Red-Orng	2.5	618nm	60°	70	2800mcd	.75	.63	.56
828-OVSTRGBAC6	OVSTRGBAC6	SMD	2.7x2.4x0.95	RGB	2.0/3.4/3.4	-	110°	20	87/333/88mcd	3.03	2.53	2.27
828-OVSTRGBFC6	OVSTRGBFC6	SMD	3.5x3.0x1.4	RGB	1.9/3.3/3.4	-	-	20	53/165/46mcd	3.63	3.03	2.72
828-OVSTRGBLC6	OVSTRGBLC6	SMD	3.5x3x1.55	RGB	1.9/3.3/3.4	-	-	20	152/550/180mcd	3.63	3.03	2.72
828-OVSTRGB3R8	OVSARGB3R8	SMD	PLCC-4	RGB	2.3/3.6/3.6	-	120°	50/25/25	300/450/110mcd	2.22	1.85	1.67
828-OVSTRGBBCR8	OVSTRGBBCR8	SMD	PLCC-6	RGB	2.5/4.5/4.5	-	120°	80	1000/900/280mcd	4.20	3.50	3.15
828-OVSRWACR6	OVSRWACR6	SMD	2.8x1.2x0.8	White	3.4	-	-	20	1000mcd	1.47	1.23	1.10
828-OVS9WBCR4	OVS9WBCR4	SMD	PLCC-2	White	3.5	-	120°	20	750mcd	.84	.70	.56
828-OVSAWBCR4	OVSAWBCR4	SMD	PLCC-4	White	3.5	-	120°	20	1050mcd	1.02	.85	.68

THROUGH HOLE

MOUSER STOCK NO.	Optek Part No.	Package	Size (mm)	Emitted Color	Typical Vf (V)	Wave-length (nm) Typ	Viewing Angle	Forward Current (ma)	Typical Iv/flux	Price Each		
										1	10	100
828-OVFS AAC8	OVFS AAC8	4-pin	7.6x7.6	Amber	2.5	591nm	100°	70	5000mlm	.57	.48	.43
828-OVFSB6C8	OVFSB6C8	4-pin	7.6x7.6	Blue	4.0	470nm	60°	30	850mlm	.87	.73	.65
828-OVL AB6CB8	OVL AB6CB8	Round	3.0	Blue	3.6	470nm	65°	20	600mcd	1.08	.90	.81
828-OVLBB4C7	OVLBB4C7	Round	3.0	Blue	3.4	470nm	45°	20	900mcd	.75	.63	.56
828-OVLJBGD8	OVLJBGD8	Oval	4.0	Blue	3.6	470nm	100°/50°	20	300mcd	.78	.65	.59
828-OVLKBT6	OVLKBT6	Oval	4.0	Blue	3.4	470nm	100°/60°	20	300mcd	1.29	1.08	.97
828-OVLFB3C7	OVLFB3C7	Round	5.0	Blue	3.4	470nm	30°	20	1350mcd	.75	.63	.56
828-OVLGB0C6B9	OVLGB0C6B9	Tapered	5.0	Blue	3.5	470nm	6°	20	3200mcd	.65	.56	.45
828-OVLHBKD8	OVLHBKD8	Oval	5.0	Blue	3.6	470nm	110°/50°	20	500mcd	1.08	.90	.81
828-OVLLB8C7	OVLLB8C7	Cylinder	5.0	Blue	3.4	470nm	85°	20	300mcd	.75	.63	.56
828-OVLGC0C6B9	OVLGC0C6B9	Tapered	5.0	Blue-Green	3.5	505nm	6°	20	8000mcd	.63	.53	.47
828-OVL AG6CB8	OVL AG6CB8	Round	3.0	Green	3.6	527nm	65°	20	2000mcd	1.26	1.05	.95
828-OVLBG4C7	OVLBG4C7	Round	3.0	Green	3.4	525nm	45°	20	2000mcd	1.20	1.00	.90
828-OVLJGGD8	OVLJGGD8	Oval	4.0	Green	3.6	527nm	100°/50°	20	1200mcd	1.08	.90	.81
828-OVLKGGT6	OVLKGGT6	Oval	4.0	Green	3.3	525nm	100°/60°	20	1100mcd	1.29	1.08	.97
828-OVLFG3C7	OVLFG3C7	Round	5.0	Green	3.4	525nm	30°	20	5200mcd	1.20	1.00	.90
828-OVLHGKD8	OVLHGKD8	Oval	5.0	Green	3.6	527nm	110°/50°	20	1750mcd	1.26	1.05	.95
828-OVL LG8C7	OVL LG8C7	Cylinder	5.0	Green	3.4	525nm	85°	20	670mcd	1.20	1.00	.90
828-OVFSG6C8	OVFSG6C8	4-pin	7.6x7.6	Green	4.0	527nm	60°	30	2500mlm	1.17	.98	.88
828-OVLAS6CB8	OVLAS6CB8	Round	3.0	Red	2.3	628nm	65°	20	1100mcd	.51	.43	.38
828-OVLBR4C7	OVLBR4C7	Round	3.0	Red	2.2	623nm	45°	20	1800mcd	.45	.38	.34
828-OVLJRGD8	OVLJRGD8	Oval	4.0	Red	2.0	623nm	100°/50°	20	400mcd	.30	.25	.23
828-OVLFR3C7	OVLFR3C7	Round	5.0	Red	2.2	623nm	30°	20	5000mcd	.45	.38	.34
828-OVLGS0C8B9	OVLGS0C8B9	Tapered	5.0	Red	2.0	631nm	6°	20	10000mcd	.22	.18	.15
828-OVLHRKD8	OVLHRKD8	Oval	5.0	Red	2.1	623nm	110°/50°	20	950mcd	.39	.33	.29
828-OVLLR8C7	OVLLR8C7	Cylinder	5.0	Red	2.2	623nm	85°	20	570mcd	.45	.38	.34
828-OVFSRAC8	OVFSRAC8	4-pin	7.6x7.6	Red	2.5	624nm	100°	70	4500mlm	.51	.43	.38
828-OVLKGGT6	OVLKGGT6	Oval	4.0	Red-Orange	2.1	616nm	100°/60°	20	430mcd	.57	.48	.43
828-OVLHQKD8	OVLHQKD8	Oval	5.0	Red-Orange	2.3	618nm	110°/50°	20	800mcd	.63	.53	.47
828-OVFSQ4C8	OVFSQ4C8	4-pin	7.6x7.6	Red-Orange	2.6	618nm	40°	70	4500mlm	.63	.53	.47
828-OVLAW4CB6	OVLAW4CB6	Round	3.0	White	3.4	-	45°	20	1000mcd	1.50	1.25	1.13
828-OVLEW1CB9	OVLEW1CB9	Round	5.0	White	3.5	-	15°	20	10000mcd	.90	.74	.66
828-OVLEW3CB6	OVLEW3CB6	Round	5.0	White	3.4	-	30°	20	2100mcd	1.50	1.25	1.13
828-OVLEW5CB6	OVLEW5CB6	Round	5.0	White	3.4	-	50°	20	1600mcd	1.50	1.25	1.13
828-OVFSW6C8	OVFSW6C8	4-pin	7.6x7.6	White	4.0	-	60°	30	1200mlm	1.29	1.08	.97
828-OVLBY4C7	OVLBY4C7	Round	3.0	Yellow	2.2	589nm	45°	20	2400mcd	.45	.38	.34
828-OVLFY3C7	OVLFY3C7	Round	5.0	Yellow	2.2	589nm	30°	20	5700mcd	.45	.38	.34
828-OVLGY0C9B9	OVLGY0C9B9	Tapered	5.0	Yellow	2.0	589nm	6°	20	20000mcd	.22	.18	.15
828-OVLLY8C7	OVLLY8C7	Cylinder	5.0	Yellow	2.2	589nm	85°	20	650mcd	.45	.38	.34



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