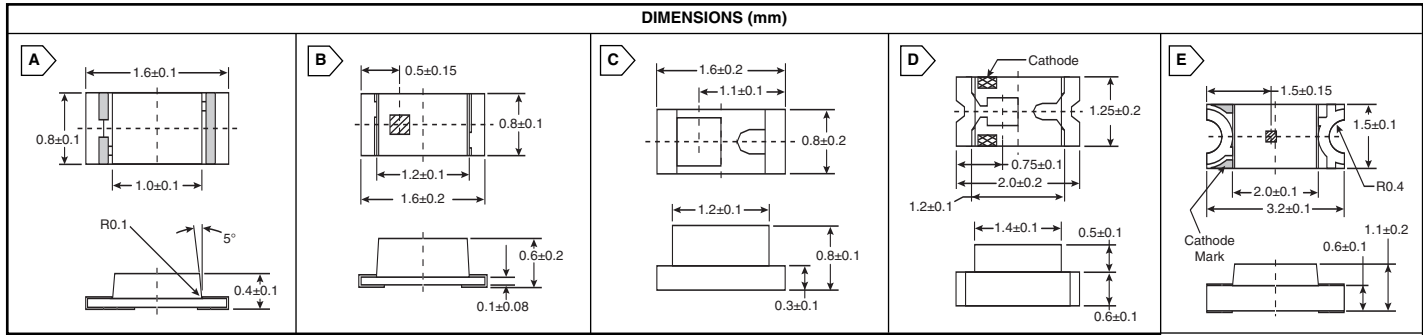


# EVERLIGHT SMD LEDs



## LOW PROFILE SURFACE MOUNT LEDS

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Fig.	Package Height	Color		Wavelength λD (nm)	Iv (mcd) @ I <sub>F</sub> =20mA	Angle	Price Each			
				Emitted	Lens				1	100	500	1000
638-19217BHCN1P23	EL-19-217/BHC-AN1P2/3T	A	.4mm	Blue	Water Clear	470	40	120°	.56	.47	.38	.28
638-19217W1DNPY3	EL-19-217/W1D-ANPHY/3T	A	.4mm	White	Yellow Diff	-	40	130°	.87	.73	.58	.44
638-19217Y5CP1Q23	EL-19-217/Y5C-AP1Q2/3T	A	.4mm	Yellow	Water Clear	589	75	120°	.20	.17	.13	.10
638-19215SURCS530	EL-19-215SURC/S530-A2/TR8	B	.6mm	Hyper Red	Water Clear	624	38	120°	.24	.20	.16	.12
638-19215UBCC430	EL-19-215UBC/C430/TR8	B	.6mm	Blue	Water Clear	466	18	120°	1.00	.84	.67	.50
638-19215UYCS530	EL-19-215UYC/S530-A2/TR8	B	.6mm	Yellow	Water Clear	589	39	120°	.10	.08	.06	.05
638-19215VGC	EL-19-215VGC/TR8	B	.6mm	Green	Water Clear	571	10	120°	.10	.08	.06	.05

## 0603 CHIP LEDS

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Fig.	Color		Wavelength λD (nm)	Iv (mcd) @ I <sub>F</sub> =20mA	Angle	Price Each			
			Emitted	Lens				1	100	500	1000
638-192BHC-AN1P23T	EL-19-21/BHC-AN1P2/3T	C	Blue	Water Clear	470	40	100°	.68	.57	.46	.34
638-192SURCS530-A2	EL-19-21SURC/S530-A2/TR8	C	Hyper Red	Water Clear	624	39	100°	.10	.08	.07	.05
638-192UYCS530-A2	EL-19-21UYC/S530-A2/TR8	C	Yellow	Water Clear	589	40	100°	.10	.08	.07	.05
638-192VGC	EL-19-21VGC/TR8	C	Green	Water Clear	571	12.5	100°	.10	.09	.07	.05

## 0805 CHIP LEDS

MOUSER STOCK NO.	Everlight Part No.	Fig.	Color		Wavelength λD (nm)	Iv (mcd) @ I <sub>F</sub> =20mA	Angle	Price Each			
			Emitted	Lens				1	100	500	1000
638-172BHC-AN1P23T	EL-17-21/BHC-AN1P2/3T	D	Blue	Water Clear	470	45	140°	.52	.43	.34	.26
638-172W1D-ANPHY35	EL-17-21/W1D-ANPHY/35	D	White	Yellow Diff	-	40	150°	.60	.50	.40	.30
638-172SURCS530-A2	EL-17-21SURC/S530-A2/TR8	D	Hyper Red	Water Clear	624	42	140°	.10	.08	.07	.05
638-172UBCC430	EL-17-21UBC/C430/TR8	D	Blue	Water Clear	466	20	140°	.62	.52	.42	.31
638-172UYCS530-A2	EL-17-21UYC/S530-A2/TR8	D	Yellow	Water Clear	589	43	140°	.10	.08	.07	.05
638-172VGC	EL-17-21VGC/TR8	D	Green	Water Clear	571	10	140°	.10	.08	.07	.05

## 1206 PACKAGE CHIP LEDS

MOUSER STOCK NO.	Everlight Part No.	Fig.	Color		Wavelength λD (nm)	Iv (mcd) @ I <sub>F</sub> =20mA	Angle	Price Each			
			Emitted	Lens				1	100	500	1000
638-152BHC-AN1P22T	EL-15-21/BHC-AN1P2/2T	E	Blue	Water Clear	470	40	130°	.88	.73	.58	.44
638-152SURCS530-A2	EL-15-21SURC/S530-A2/TR8	E	Hyper Red	Water Clear	624	38	130°	.12	.10	.08	.06
638-152UYCS530-A2	EL-15-21UYC/S530-A2/TR8	E	Yellow	Water Clear	589	39	130°	.11	.09	.08	.06
638-152VGC	EL-15-21VGC/TR8	E	Green	Water Clear	571	13	130°	.12	.10	.08	.06

## TOP LED SURFACE MOUNT

MOUSER STOCK NO.	Everlight Part No.	Fig.	Color		Wavelength λD (nm)	Iv (mcd) @ I <sub>F</sub> =20mA	Angle	Price Each			
			Emitted	Lens				1	100	500	1000
638-672SURCS530-A2	EL-67-21SURC/S530-A2/TR8	F	Hyper Red	Water Clear	624	65	120°	.26	.22	.17	.13
638-672UBCC430	EL-67-21UBC/C430/TR8	F	Blue	Water Clear	466	55	120°	1.15	.96	.77	.58
638-672UWCS400-A4	EL-67-21UWC/S400-A4/TR8	F	White	Water Clear	-	290	120°	1.02	.85	.68	.51
638-672UYCS530-A2	EL-67-21UYC/S530-A2/TR8	F	Yellow	Water Clear	589	56	120°	.20	.17	.13	.10
638-672UYOCS530-A2	EL-67-21UYOC/S530-A2/TR8	F	Yellow Orange	Water Clear	605	67	120°	.26	.22	.17	.13
638-672VGC	EL-67-21VGC/TR8	F	Green	Water Clear	571	25	120°	.19	.16	.13	.10

## 1.9MM ROUND SUBMINIATURE LEDS WITH Z LEADBEND

MOUSER STOCK NO.	Everlight Part No.	Fig.	Color		Wavelength λD (nm)	Iv (mcd) @ I <sub>F</sub> =20mA	Angle	Price Each			
			Emitted	Lens				1	100	500	1000
638-912SURCS530	EL-91-21SURC/S530-A2/TR10	G	Hyper Red	Water Clear	624	482	25°	.16	.13	.10	.08
638-912UYCS530	EL-91-21UYC/S530-A2/TR10	G	Yellow	Water Clear	589	496	25°	.19	.16	.13	.09
638-912VGC	EL-91-21VGC/TR10	G	Green	Water Clear	571	50	25°	.19	.16	.13	.09
638-952SURCA2TR10	EL-95-21SURC/S530-A2/TR10	G	Hyper Red	Water Clear	624	482	25°	.19	.16	.13	.09
638-952UBCC430TR10	EL-95-21UBC/C430/TR10	G	Blue	Water Clear	466	203	25°	1.08	.90	.72	.54
638-952VGC	EL-95-21VGC/TR10	G	Green	Water Clear	571	50	25°	.19	.16	.13	.09

## 1.9MM ROUND SUBMINIATURE LEDS WITH YOKE LEADBEND

MOUSER STOCK NO.	Everlight Part No.	Fig.	Color		Wavelength λD (nm)	Iv (mcd) @ I <sub>F</sub> =20mA	Angle	Price Each			
			Emitted	Lens				1	100	500	1000
638-952SURCA2TR9	EL-95-21SURC/S530-A2/TR9	H	Hyper Red	Water Clear	624	482	25°	.19	.16	.13	.09
638-952UBCC430TR9	EL-95-21UBC/C430/TR9	H	Blue	Water Clear	466	203	25°	1.08	.90	.72	.54
638-952UYCA2TR9	EL-95-21UYC/S530-A2/TR9	H	Yellow	Water Clear	589	496	25°	.20	.17	.13	.10
638-952VGC	EL-95-21VGC/TR9	H	Green	Water Clear	571	50	25°	.21	.18	.14	.11

## 1.9MM ROUND SUBMINIATURE LEDS WITH GULL WING LEADBEND

MOUSER STOCK NO.	Everlight Part No.	Fig.	Color		Wavelength λD (nm)	Iv (mcd) @ I <sub>F</sub> =20mA	Angle	Price Each			
			Emitted	Lens				1	100	500	1000
638-952SURCA2TR7	EL-95-21SURC/S530-A2/TR7	I	Hyper Red	Water Clear	624	482	25°	.18	.15	.12	.09
638-952UBCC430TR7	EL-95-21UBC/C430/TR7	I	Blue	Water Clear	466	203	25°	1.08	.90	.72	.54
638-952UYCA2TR7	EL-95-21UYC/S530-A2/TR7	I	Yellow	Water Clear	589	496	25°	.19	.16	.13	.09
638-952VGC	EL-95-21VGC/TR7	I	Green	Water Clear	571	50	25°	.19	.16	.13	.09

## HIGH BRIGHT WHITE LED

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Dimensions (mm) L x W x D	Number of Chips	Electro-Optical Characteristics, @20mA			Price Each			
				Iv (typ.)	View Angle (2 <sub>1/2</sub> )	V <sub>F</sub>	1	100	500	1000
638-40-25AUWD	40-25AUWD/TR8	5 x 5 x 0.85	3	2500mcd	130	2.7 ~ 3.7V	5.40	4.95	4.50	4.05
638-47-23UWD	47-23UWD/TR8	3.5 x 3.5 x 0.8	5	2000mcd	130	2.7 ~ 3.7V	5.40	4.95	4.50	4.05
638-59-14UWD	59-14UWD/TR8	5 x 5 x 1.5	4	8500mcd	50	2.7 ~ 3.7V	8.10	7.42	6.75	6.07
638-59-23UWD	59-23UWD/TR8	5 x 5 x 1.5	3	5000mcd	60	2.7 ~ 3.7V	5.40	4.95	4.50	4.05
638-67-23UWC/S400	67-23UWC/S400-X9/TR8	3.5 x 2.8 x 1.9	3	1500mcd	120	3.5V (typ.)	2.40	2.20	2.00	1.60

