

EVERLIGHT LED Lamps



SURFACE MOUNT LED LAMPS

DIMENSIONS mm (IN.)

0603 Size Standard Bright LED Lamps

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wavelength λp (nm)	Viewing Angle (Deg)	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
638-QTLP600C2TR	A	Hi-Eff Red	Water Clear	2.2	2.8	5	9	635	100°	.14	.11	.09
638-QTLP600C3	A	Yellow	Water Clear	2.2	2.8	5	9	585	100°	.14	.11	.09
638-QTLP600C4	A	Green	Water Clear	2.1	2.8	9	18	565	100°	.14	.11	.09
638-QTLP600C7	A	Red	Water Clear	1.9	2.4	10	20	660	100°	.14	.11	.09

0603 Size Super Bright LED Lamps

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wavelength λp (nm)	Viewing Angle (Deg)	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
638-QTLP600CRTR	A	Red	Water Clear	2.2	2.4	15	35	630	100°	.14	.11	.09
638-QTLP600CETR	A	Orange	Water Clear	2.2	2.4	15	35	620	100°	.14	.11	.09
638-QTLP600COTR	A	Yellow-Orange	Water Clear	2.2	2.4	15	35	610	100°	.14	.11	.09
638-QTLP600CYTR	A	Yellow	Water Clear	2.2	2.4	15	35	590	100°	.14	.11	.09
638-QTLP600CAGTR	A	Yellow-Green	Water Clear	2.2	2.4	10	15	575	100°	.19	.16	.12
638-QTLP600CIGTR	A	True Green	Water Clear	3.5	4	70	110	520	100°	1.93	1.61	1.29

1206 Size SMD LED Lamps

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wavelength λp (nm)	Viewing Angle (Deg)	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
638-QTLP650C2	E	Hi-Eff Red	Water Clear	2.2	2.8	3.6	6	635	140°	.22	.18	.14
638-QTLP650C3	E	Yellow	Water Clear	2.2	2.8	3.6	6	585	140°	.22	.18	.14
638-QTLP650C4	E	Green	Water Clear	2.2	2.8	6	10	565	140°	.22	.18	.14
638-QTLP650D2	E	Hi-Eff Red	Red Diffused	2.2	2.8	2.4	4	635	160°	.25	.21	.16
638-QTLP650D3	E	Yellow	Yellow Diffused	2.2	2.8	2.4	4	585	160°	.22	.18	.14
638-QTLP650D4	E	Green	Green Diffused	2.1	2.8	4	6	565	160°	.22	.18	.14

1206 Size Super Bright SMD LED Lamps

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wavelength λp (nm)	Viewing Angle (Deg)	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
638-QTLP650CR	F	Red	Water Clear	2.1	2.8	12	25	660	140°	.22	.18	.14
638-QTLP650CY	F	Yellow	Water Clear	2.1	2.8	26	44	590	140°	.22	.18	.14
638-QTLP650CE	F	Orange	Water Clear	1.7	2.8	16	28	620	140°	.22	.18	.14

1206 Size Super Bright Right Angle SMD LED Lamps

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wavelength λp (nm)	Viewing Angle (Deg)	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
638-QTLP610CR	G	Red	Water Clear	2.1	2.8	10	15	660	140°	.20	.16	.13
638-QTLP610CY	G	Yellow	Water Clear	2.1	2.8	18	30	590	140°	.20	.16	.13
638-QTLP610CE	G	Orange	Water Clear	2	2.8	18	30	620	140°	.20	.16	.13

1206 Size Lens SMD LED Lamps

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wavelength λp (nm)	Viewing Angle (Deg)	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
638-QTLP651C2	H	Hi-Eff Red	Water Clear	2.2	2.8	6	15	635	20°	.22	.18	.14
638-QTLP651C3	H	Yellow	Water Clear	2.2	2.8	7	16	585	20°	.22	.18	.14
638-QTLP651C4	H	Green	Water Clear	2.1	2.8	12	20	565	20°	.22	.18	.14
638-QTLP651C7	H	AlGaAs Red	Water Clear	1.7	2.4	18	30	660	20°	.22	.18	.14

1206 Size Package Round Top SMD LED Lamps

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wavelength λp (nm)	Viewing Angle (Deg)	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
638-QTLP652C2	I	Hi-Eff Red	Water Clear	2.2	2.8	4	9	635	140°	.24	.20	.16
638-QTLP652C3	I	Yellow	Water Clear	2.2	2.8	4	9	585	140°	.24	.20	.16
638-QTLP652C4	I	Green	Water Clear	2.1	2.8	7	13	565	140°	.24	.20	.16
638-QTLP652C7	I	AlGaAs Red	Water Clear	1.7	2.4	7	18	660	140°	.24	.20	.16

PLCC SMD LED Lamps

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wavelength λp (nm)	Viewing Angle (Deg)	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
638-QTLP670C2	C	Hi-Eff Red	Water Clear	2.2	2.8	6	10	635	120°	.24	.20	.16
638-QTLP670C3	C	Yellow	Water Clear	2.2	2.8	6	10	585	120°	.24	.20	.16
638-QTLP670C4	C	Green	Water Clear	2.1	2.8	15	25	565	120°	.24	.20	.16
638-QTLP670C7	C	Red	Water Clear	1.7	2.4	25	40	660	120°	.28	.23	.18

PLCC-2 Super Bright SMD LED Lamps

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wavelength λp (nm)	Viewing Angle (Deg)	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
638-QTLP670CIGTR	C	True Green	Water Clear	3.5	4	75	115	520	100°	1.69	1.41	1.13
638-QTLP670COTR	C	Yellow-Orange	Water Clear	2.2	2.4	25	65	610	100°	.24	.20	.16
638-QTLP670CAGTR	C	Yellow-Green	Water Clear	2.2	2.4	15	30	575	100°	.29	.24	.19
638-QTLP670CR	C	Red	Water Clear	1.7	2.4	36	42	660	120°	.24	.20	.16
638-QTLP670CY	C	Yellow	Water Clear	1.7	2.8	29	45	590	120°	.24	.20	.16
638-QTLP670CE	C	Orange	Water Clear	2.1	2.8	40	60	620	120°	.24	.20	.16

Blue SMD LED Lamps

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Size	Lens Color	Forward Voltage		Luminous Intensity		Peak Wavelength λp (nm)	Viewing Angle (Deg)	Price Each		
				Typ.	Max.	Min.	Typ.			1	100	500
638-QTLP600CBTR	A	0603	Water Clear	3.8	4.5	15	20	430	100°	.70	.58	.47
638-QTLP600CEBTR	A	0603	Water Clear	2.75	2.95	8	16	470	100°	1.07	.82	.67
638-QTLP601CEBTR	B	0603	Water Clear	2.75	2.95	8	16	470	120°	.70	.45	.30
638-QTLP600CIBTR	A	0603	Water Clear	3.5	4	15	25	465	100°	1.70	1.42	1.14
638-QTLP670CIBTR	C	PLCC-2	Water Clear	3.5	4	30	60	465	120°	1.48	1.23	.98
638-QTLP610CEBTR	D	Right Angle	Water Clear	2.75	2.95	8	16	475	120°	1.25	1.00	.85

4MM FLAT TOP LED LAMPS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wavelength λp (nm)	Viewing Angle (Deg)	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
638-HLMPM200	J	Hi-Eff Red	Red Diffused	2.2	3	3.4	5	635	135°	.14	.11	.09
638-HLMPM201	J	Hi-Eff Red	Red Diffused	2.2	3	5.4	7	635	135°	.14	.11	.09
638-HLMPM250	J	Hi-Eff Red	Red Clear	2.2	3	3.4	5	635	80°	.14	.11	.09
638-HLMPM251	J	Hi-Eff Red	Red Clear	2.2	3	5.4	7	635	80°	.14	.11	.09
638-HLMPM500	J	Green	Green Diffused	2.3	3	4.2	7	565	135°	.14	.11	.09
638-HLMPM501	J	Green	Green Diffused	2.3	3	6.7	10	565	135°	.14	.11	.09
638-HLMPM550	J	Green	Green Clear	2.3	3	4.2	10	565	80°	.14	.11	.09
638-HLMPM551	J	Green	Green Clear	2.3	3	6.7	16	565	80°	.14	.11	.09
638-HLMPM300	J	Yellow	Yellow Diffused	2.2	3	3.6	5	585	135°	.14	.11	.09
638-HLMPM301	J	Yellow	Yellow Diffused	2.2	3	5.7	7	585	135°	.14	.11	.09
638-HLMPM350	J	Yellow	Yellow Clear	2.2	3	3.6	5	585	80°	.14	.11	.09
638-HLMPM351	J	Yellow	Yellow Clear	2.2	3	5.7	7	585	80°	.14	.11	.09

