

Hi Power LEDs



This product is RoHS compliant.

Compatible Heat Sinks can be found in our Thermal Management Section of this Catalog

For quantities of 200 and up, call for quote.

LUMEX SML-LX SMD SERIES

MOUSER STOCK NO.	Lumex Part No.	Fig.	Color	Wave-length (nm)	Luminous Flux (lm)	Power (W)	Voltage (VDC)	Current (A)	Price Each					
									1	10	50	100		
Superflux LEDs With Built In Reflector														
696-SML-LX1110SOCA	SML-LX1110SOC-ATR	A	Red-Orange	610	15	1.2	2.5	0.35	7.52	6.34	5.86	5.56		
696-SML-LX1110SYCA	SML-LX1110SYC-ATR	A	Yellow	590	21	1.2	2.5	0.35	7.52	6.34	5.86	5.56		
696-SML-LX1110UPGCA	SML-LX1110UPGC-ATR	A	Green	525	21	1.2	3.5	0.35	20.20	17.78	16.16	14.54		
696-SML-LX1110USBCA	SML-LX1110USBC-ATR	A	Blue	470	8	1.2	3.5	0.35	17.31	15.23	13.85	12.46		
696-SML-LX1110UWCA	SML-LX1110UWC-ATR	A	White	---	22	1.2	3.5	0.35	17.31	15.23	13.85	12.46		
AstraLED™ LEDs														
696-SML-LX1610SIC	SML-LX1610SIC	B	Red	625	22	1.1	2.1	0.35	3.57	2.92	2.62	2.37		
696-SML-LX1610SICA	SML-LX1610SICA	B	Red	625	22	1.1	2.1	0.35	3.57	2.92	2.62	2.37		
696-SML-LX1610SYC	SML-LX1610SYC	B	Yellow	592	22	1.1	2.1	0.35	3.57	2.92	2.62	2.37		
696-SML-LX1610SYCA	SML-LX1610SYCA	B	Yellow	592	22	1.1	2.1	0.35	3.57	2.92	2.62	2.37		
696-SML-LX1610UPGC	SML-LX1610UPGC	B	Green	525	25	1.5	4	0.35	6.25	5.12	4.59	4.15		
696-SML-LX1610UPGCA	SML-LX1610UPGCA	B	Green	525	25	1.5	4	0.35	6.25	5.12	4.59	4.15		
696-SML-LX1610USBC	SML-LX1610USBC	B	Blue	470	5	1.5	3.5	0.35	6.25	5.12	4.59	4.15		
696-SML-LX1610USBCA	SML-LX1610USBCA	B	Blue	470	5	1.5	3.5	0.35	6.25	5.12	4.59	4.15		
696-SML-LX1610UWC	SML-LX1610UWC	B	White	---	30	1.5	3.5	0.35	6.25	5.12	4.59	4.15		
696-SML-LX1610UWCA	SML-LX1610UWCA	B	White	---	30	1.5	3.5	0.35	6.25	5.12	4.59	4.15		
696-SML-LX1610RGBWA	SML-LX1610RGBWA	B	RGB	636/525/470	25/25/8	3.5	2.1/3.5	0.35	7.23	6.42	6.27	5.85		
LuxLED™ LEDs														
696-SML-LX2723SIC	SML-LX2723SIC-TR	C	Red	610	39	2.1	2	0.35	6.39	5.59	5.19	4.79		
696-SML-LX2723SYC	SML-LX2723SYC-TR	C	Yellow	590	39	2.1	2	0.35	6.39	5.59	5.19	4.79		
696-SML-LX2723UPGC	SML-LX2723UPGC-TR	C	Green	525	60	2.1	3.2	0.35	12.08	10.57	9.81	9.06		
696-SML-LX2723USBC	SML-LX2723USBC-TR	C	Blue	470	13	2.1	3.2	0.35	10.66	9.32	8.66	7.99		
696-SML-LX2723UWC	SML-LX2723UWC-TR	C	White	---	39	2.1	3.2	0.35	10.66	9.32	8.66	7.99		

SHARP "PSUEDO" HIGH LUMINOSITY LEDs

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Dimensions (mm)	Fig.	Color Temp. (K)	Chromaticity (typ.)	Luminous Intensity (mcd)	Power Dissipation (mW)	Forward Voltage (V)		Forward Current (mA)	Price Each			
							Typical	Maximum		1	5	10	25
852-GMSBW96371A	3.2x2.8x1.9	D	5000k	0.31x0.31	2,000	117	3.3	3.9	30	1.22	.93	.62	.57
852-GMSBW96380A	3.2x2.8x1.9	D	5000k	0.31x0.31	2,450	114	3.2	3.8	30	1.26	.97	.921	.903
852-GMSBW94320A	3.5x2.8x1.4	D	5000k	0.31x0.31	3,600	264	3.3	4.4	30	3.26	2.49	1.66	1.51
852-GMSBW01300A	6.0x5.0x1.5	D	5000k	0.31, 0.31	4,200	400	3.4	4.5	35	6.12	4.63	3.12	2.80
852-GMSBW05340A	5.0x5.0x1.5	E	5000k	0.31,0.31	5,000	560	3.4	4.0	35	6.69	5.25	3.43	3.17

SHARP LED MODULES "ZENIGATA" (3.5 WATT)

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Color Type	Fig.	Color Temp. (K)	Chromaticity (typ.)	Luminous Flux (lm)	Power Dissipation (mW)	Forward Voltage (V)		Forward Current (mA)	Price Each			
							Typical	Maximum		1	10	50	100
852-GW5BDC15L02	L. Bulb color	F	5,000	0.35, 0.35	280	4.4	8.5	11.5	360	24.48	21.95	20.53	19.89
852-GW5BNC15L12	H. Color Rend.	F	6,500	0.31, 0.32	190	4.4	8.5	11.5	360	24.48	21.95	20.53	19.89
852-GW5BWC15L02	Normal White	F	5,000	0.35, 0.35	280	4.4	8.5	11.5	360	24.48	21.95	20.53	19.89
852-GW5BNC15L02	H. Color Rend.	F	5,000	0.35,0.35	190	4.4	8.5	11.5	400	24.48	21.95	20.53	19.89

TELEONICS OPTIK Technology OV SMD SERIES

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Optek Part No.	Fig.	Color	Wave-length (nm)	Luminous Flux (lm)	Power (W)	Voltage (VDC)	Current (A)	Price Each					
									1	10	50	100		
OVSP SMD Series														
828-OVSPBRCR4	OVSPPBRCR4	G	Red	625	26	1.2	2.5	0.4	2.10	1.62	1.46	1.32		
828-OVSPYBCR4	OVSPPYBCR4	G	Yellow	587	35	1.2	2.5	0.4	2.10	1.62	1.46	1.32		
828-OVSPGBCR4	OVSPPGBCR4	G	Green	530	48	1.2	3.6	0.35	4.96	4.06	3.89	3.64		
828-OVSPBCR4	OVSPPBCR4	G	Blue	470	9	1.2	3.6	0.35	3.30	2.66	2.42	2.33		
828-OVSPWBCR4	OVSPPWBCR4	G	White	---	48	1.2	3.6	0.35	3.96	2.94	2.75	2.50		
828-OVSPW1BCR4	OVSPPW1BCR4	G	White	---	90	1.2	3.5	0.35	3.27	2.64	2.40	2.32		
OVTL SMD Series														
828-OVTL01LGARS	OVTL01LGARS	H	Red	625	53	1	2.3	0.35	2.88	2.35	2.20	1.99		
828-OVTL01LGAAS	OVTL01LGAAS	H	Amber	595	38	1	2.3	0.35	2.88	2.35	2.20	1.99		
828-OVTL01LGAGS	OVTL01LGAGS	H	Green	515	52	1	3.6	0.35	3.84	2.64	2.50	2.31		
828-OVTL01LGABS	OVTL01LGABS	H	Blue	460	15	1	3.4	0.35	3.84	2.64	2.50	2.31		
828-OVTL01LGAWS	OVTL01LGAWS	H	Cool White	---	50	1	3.4	0.35	3.47	2.80	2.55	2.41		
828-OVTL01LGAWDS	OVTL01LGAWDS	H	Daylight White	---	45	1	3.4	0.35	3.47	2.80	2.55	2.41		
828-OVTL01LGAWWS	OVTL01LGAWWS	H	Warm White	---	30	1	3.4	0.35	3.47	2.80	2.55	2.41		
OVTL Lednium SMD Series														
828-OVTL09LG3R	OVTL09LG3R	I	Red	624	247	10	6.1	1.05	33.17	29.85	28.50	27.91		
828-OVTL09LG3A	OVTL09LG3A	I	Amber	595	330	10	6.4	1.05	33.17	29.85	28.19	27.91		
828-OVTL09LG3G	OVTL09LG3G	I	Green	524	290	10	9.9	1.05	36.18	33.22	31.75	30.45		
828-OVTL09LG3B	OVTL09LG3B	I	Blue	467	60	10	9.1	1.05	36.18	33.22	31.75	30.45		
828-OVTL09LG3M	OVTL09LG3M	I	RGB	---	221	10	8.6	1.05	33.17	29.85	28.19	27.91		
828-OVTL09LG3W	OVTL09LG3W	I	Cool White	5000K	250	10	9.1	1.05	39.19	36.00	34.32	33.00		
828-OVTL09LG3WW	OVTL09LG3WW	I	Warm White	3200K	230	10	10.2	1.05	39.21	36.00	34.33	33.00		
828-OVTL09LG3WD	OVTL09LG3WD	I	Daylight White	5200K	275	10	10.2	1.05	39.19	36.00	35.32	33.00		

TELEONICS OPTIK Technology OV14Z OPTIMAL XIV SERIES



For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Lite-On Part No.	Fig.	Color	Wave-length (nm)	Luminous Flux (lm)	Power (W)	Voltage (VDC)	Current (A)	Price Each			
									1	10	50	100
828-OV14ZW3	OV14ZW-3	J	Cool White	6500	650	12	10	1.4	32.16	28.38	26.49	25.54
828-OV14ZWD3	OV14ZWD-3	J	Daylight White	5400	650	12	10	1.4	34.46	30.41	28.38	27.36
828-OV14ZWW3	OV14ZWW-3	J	Warm White	3300	550	12	10	1.4	34.46	30.41	28.38	27.36

