

# Hi Power LEDs



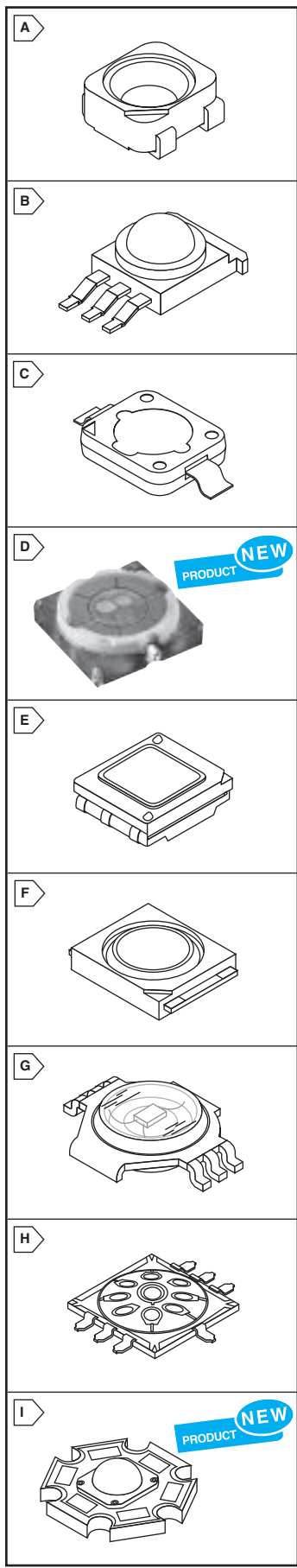
RoHS Compliant This product is RoHS compliant.

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

## LUMEX SML-LX SMD SERIES

For quantities of 200 and up, call for quote.

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
<b>Superflux LEDs with Built-in Reflector</b>												
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
<b>AstraLED™ LEDs</b>												
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-LX1610UWCA	SML-LX1610UWCA	B	White	- - -	30	1.5	3.5	0.35	6.25	5.12	4.59	4.15
696-SML-LX1610RGBWA	SML-LX1610RGBW/A	B	RGB	636/525/470	25/25/8	3.5	2.1/3.5	0.35	7.23	6.42	6.27	5.85
<b>LuxLED™ LEDs</b>												
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
<b>TitanBrite™ RGB LED</b>												
696-SML-LX3939RGBC	SML-LX3939RGBC-TR	D	RGB	626/525/470	25/35/8	3.0	2.1/3.5	0.35	12.14	10.86	9.65	9.00



## SHARP MICROELECTRONICS OF THE AMERICAS

### "PSEUDO" 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-GM5BW96371A	3.2x2.8x1.9	E	5000K	0.31x0.31	2,000	117	3.3	3.9	30	1.22	.93	.62	.57
852-GM5BW96380A	3.2x2.8x1.9	E	5000K	0.31x0.31	2,450	114	3.2	3.8	30	1.32	1.06	.694	.61
852-GM5BW94320A	3.5x2.8x1.4	E	5000K	0.31x0.31	3,600	264	3.3	4.4	30	3.26	2.49	1.66	1.51

## TT electronics OPTeK 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
<b>OVSP SMD Series</b>												
828-OVSPBRC4	OVSPBRC4	F	Red	625	26	1.2	2.5	0.4	2.10	1.62	1.46	1.32
828-OVSPW1BCR4	OVSPW1BCR4	F	White	- - -	90	1.2	3.5	0.35	3.27	2.64	2.40	2.32
<b>OVTL SMD Series</b>												
828-OVTL01LGARS	OVTL01LGARS	G	Red	625	53	1	2.3	0.35	2.88	2.35	2.20	1.99
828-OVTL01LGAAS	OVTL01LGAAS	G	Amber	595	38	1	2.3	0.35	2.88	2.35	2.20	1.99
828-OVTL01LGAGS	OVTL01LGAGS	G	Green	515	52	1	3.6	0.35	3.84	2.64	2.50	2.31
828-OVTL01LGABS	OVTL01LGABS	G	Blue	460	15	1	3.4	0.35	3.84	2.64	2.50	2.31
828-OVTL01LGAWS	OVTL01LGAWS	G	Cool White	- - -	50	1	3.4	0.35	3.47	2.80	2.55	2.41
828-OVTL01LGAWDS	OVTL01LGAWDS	G	Daylight White	- - -	45	1	3.4	0.35	3.47	2.80	2.55	2.41
<b>OVTL Lednium SMD Series</b>												
828-OVTL09LG3R	OVTL09LG3R	H	Red	624	247	10	6.1	1.05	33.17	29.85	28.50	27.91
828-OVTL09LG3A	OVTL09LG3A	H	Amber	595	330	10	6.4	1.05	33.17	29.85	28.19	27.91
828-OVTL09LG3G	OVTL09LG3G	H	Green	524	290	10	9.9	1.05	36.18	33.22	31.75	30.45
828-OVTL09LG3B	OVTL09LG3B	H	Blue	467	60	10	9.1	1.05	36.18	33.22	31.75	30.45
828-OVTL09LG3M	OVTL09LG3M	H	RGB	- - -	221	10	8.6	1.05	33.17	29.85	28.19	27.91
828-OVTL09LG3W	OVTL09LG3W	H	Cool White	5000K	250	10	9.1	1.05	39.19	36.00	34.32	33.00
828-OVTL09LG3WW	OVTL09LG3WW	H	Warm White	3200K	230	10	10.2	1.05	39.21	36.00	34.33	33.00
828-OVTL09LG3WD	OVTL09LG3WD	H	Daylight White	5200K	275	10	10.2	1.05	39.19	36.00	35.32	33.00

## TT electronics OPTeK Technology

### OV14Z OPTIMAL XIV 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
828-OV14ZW3	OV14ZW-3	I	Cool White	6500	650	12	10	1.4	32.16	28.38	26.49	25.54
828-OV14ZWD3	OV14ZWD-3	I	Daylight White	5400	650	12	10	1.4	34.46	30.41	28.38	27.36
828-OV14ZWW3	OV14ZWW-3	I	Warm White	3300	550	12	10	1.4	34.46	30.41	28.38	27.36