

High-Brightness LEDs for Your Next Lighting Design

From backlighting keypads on cell phones to brightening flashlights, from meeting automotive lighting requirements to designing emergency warning lights, LITE-ON has an LED solution.

High-brightness LEDs are now available in many forms and packages—surface-mount or thru-hole. High-current ratings and high-flux outputs are available, suitable for small area lighting and for automobile lighting requirements. They come in all colors in the visible spectrum, including white.



Features ▶

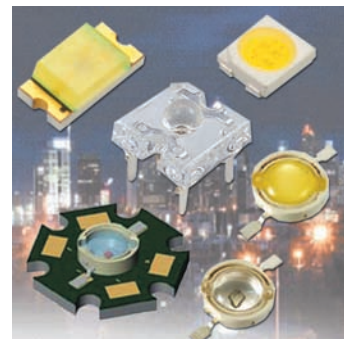
- High-brightness output
- High drive current
- Fast response
- Full spectrum of colors: red, red orange, amber, yellow, green, cyan, blue, and white
- RoHS compliant

Benefits ▶

- Long operating life
- Low power consumption
- Design flexibility
- Uniform performance
- Heat sink ready for power LED

Applications ▶

- Automotive lighting
- Traffic signals and signs
- Portable flashlights
- Mood decorative lights
- Moving message signs
- Signage backlighting



Product Specifications ▶											
Part Number	Package Type	Color	Color Temp. (°K)	Dominant Wavelength (nm)	Max. Current (mA)	Tested Current (mA)	Forward Voltage (V)	Viewing Angle (deg)	Luminous Flux (lm)	Luminous Intensity (mcd)	Markets
LOPL-E001W	Power	Cool white	x=0.33/y=0.32	NA	350	350	3.8	110	45	NA	CL FL TR BL SI
LOPL-E001M		Warm white	x=0.41/y=0.39	NA	350	350	3.8	110	28	NA	CL FL TR BL SI
LOPL-E033W		Cool white	x=0.33/y=0.33	NA	700	700	4.0	110	120	NA	CL FL TR BL SI
LOPL-E033M		Warm white	x=0.41/y=0.40	NA	700	700	4.0	110	90	NA	CL FL TR BL SI
LTL2R3CBK5	Thru-hole	Blue	NA	470	30	20	3.7	30	NA	1,500	CL BL SI
LTL2R3CGK7		Green	NA	527	30	20	3.8	30	NA	4,200	CL BL SI
LTL2R3SEK		Red	NA	630	30	20	2.25	30	NA	3,700	CL TR BL SI
LTL2R3SYK		Amber yellow	NA	592	30	20	2.35	30	NA	2,800	CL TR BL SI
LTW-2S3T8		White	x=0.30/y=0.30	NA	30	20	3.3	15	NA	17,000	FL
LTW-2R3T8		White	x=0.30/y=0.29	NA	30	20	3.3	30	NA	9,300	FL
LTL911SEKSA		Orange red	NA	628	70	70	2.5	90	3.75	2,250	CL TR BL SI
LTL911SHKSA		Red orange	NA	620	70	70	2.5	90	3.75	2,250	CL BL SI
LTL911SYKSA		Amber yellow	NA	594	70	70	2.5	90	2.09	1,250	TR BL SI
LTST-E670FL		SMT	Amber	NA	605	70	50	2.1	120	NA	1,255
LTST-E670RL	Red		NA	624	70	50	2.1	120	NA	980	CL BL SI
LTST-E670SL	Amber yellow		NA	592	70	50	2.1	120	NA	1,255	CL BL SI
LTW-E670DS	White		x=0.32/y=0.31	NA	50	30	3.6	120	NA	1,800	FL
LTW-E670DS-FUR	White		x=0.33/y=0.33	NA	80	50	3.8	120	NA	2,900	FL
LTW-E670DS-AG	White		x=0.42/y=0.42	NA	50	30	3.4	120	NA	1,800	FL
LTW-F012N*	White flash		x=0.33/y=0.30	NA	350 DC	1,000 peak, 1/10 duty, 300 ms	4.2	120	85	NA	FL

MARKETS LEGEND

CL COMMERCIAL LIGHTING FL FLASHLIGHTS TR TRANSPORTATION BL BACKLIGHTING SI SIGNAGE

*Preliminary

Contact Arrow for additional options not listed.