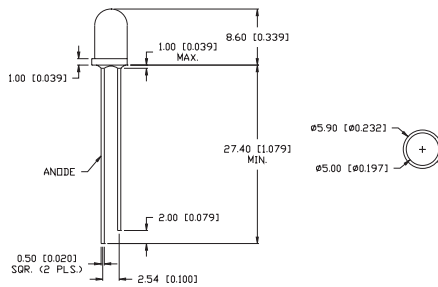


Discrete LEDs ~ Dome Lens



SSL-LX5093xD Series

T-5mm Dome, Diffused



FEATURES / OPTIONS

- ▶ State-of-the-Art, High Brightness Chip Technology
- ▶ Choice of Colors and Lens Finishes
- ▶ Lead Frame / Lens Casting Reliability
- ▶ Easy-to-Solder Leads, Tin Finish
- ▶ Available Bulk or on Tape and Reel
- ▶ Lead Trimming and Forming Available
- ▶ Custom Shapes, Easily Tooled, Low Minimum
- ▶ Blinking LED
- ▶ With Internal Resistor for 5V and 12V Operation

APPLICATIONS / USES

- ▶ Board or Panel Indication or Illumination
- ▶ Backlighting of Overlays and Graphics
- ▶ Annunciator and Control Panels
- ▶ Keyboards and Switches
- ▶ Telecom Switches and Central Station Equipment
- ▶ Signs, Warning Lights, Displays

Lumex Part Number	Die Material	Emitted Color	Peak (nm)	Lens	Operating Current (mA)	Operating TYP. Vf (V)	Brightness TYP. Mcd	@ mA	View Angle° 2θ
HIGH BRIGHTNESS									
SSL-LX5093SID	AllnGaP	Super High Intensity Red	636	Red Diffused	5-25	2	700	20	60
SSL-LX5093SOD	AllnGaP	Super Orange	610	Orange Diffused	5-25	2	850	20	60
SSL-LX5093SUGD	AllnGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	170	20	60
SSL-LX5093SYD	AllnGaP	Super Yellow	590	Yellow Diffused	5-25	2	300	20	60
SSL-LX5093USBD	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	300	20	60
SSL-LX5093UPGD	InGaN/SiC	Ultra Pure Green	525	Green Diffused	5-25	3.5	450	20	60
SSL-LX5093UEGD	InGaN/SiC	Ultra Emerald Green	505	Green Diffused	5-25	3.5	350	20	60
SSL-LX50930EGD	InGaN/SiC	Ultra Emerald Green	505	Green Diffused	5-25	3.5	350	20	60
SSL-LX5093UWW	InGaN/SiC	Ultra White	-	White Diffused	5-25	3.5	650	20	30

Lumex Part Number	Die Material	Emitted Color	Peak (nm)	Lens	Operating Current (mA)	Operating TYP. Vf (V)	Brightness TYP. Mcd	@ mA	View Angle° 2θ
STANDARD BRIGHTNESS									
SSL-LX5093AD	GaAsP	Amber	605	Amber Diffused	5-25	2.1	30	20	60
SSL-LX5093GD	GaP	Green	565	Green Diffused	5-25	2.2	30	20	60
SSL-LX5093HD	GaP	High Efficiency Red	700	Red Diffused	5-25	2.1	6	20	60
SSL-LX5093ID	GaAsP	High Intensity Red	635	Red Diffused	5-25	2	30	20	60
SSL-LX5093PGD	GaP	Pure Green	555	Green Diffused	5-25	2.1	15	20	60
SSL-LX5093SGD	GaP	Super Green	565	Green Diffused	5-25	2.2	40	20	60
SSL-LX5093SBD	InGaN	Super Blue	430	Blue Diffused	5-25	4.5	25	20	60
SSL-LX5093SRD/D	GaAlAs	Super Red	660	Red Diffused	5-25	1.8	250	20	60
SSL-LX5093SRD/E	GaAlAs	Super Red	660	Red Diffused	5-25	1.8	400	20	60
SSL-LX5093SRD/F	GaAlAs	Super Red	660	Red Diffused	5-25	1.8	600	20	60
SSL-LX5093SRD/G	GaAlAs	Super Red	660	Red Diffused	5-25	1.8	850	20	60

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