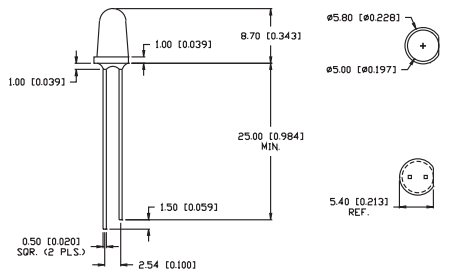




## SSL-LX5093X Series

## T-5mm High Bright, Narrow View Angle, Clear Lens



### 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

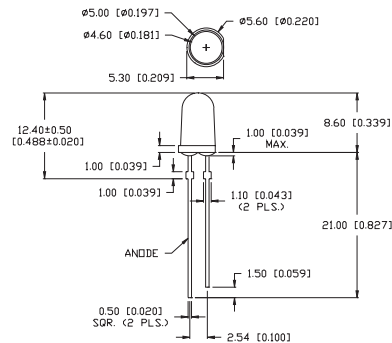
### APPLICATIONS / USES

- ▶ 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
<b>HIGH BRIGHTNESS</b>									
SSL-LX5093XSBC/B	GaN/SiC	Super Blue	430	Water Clear	5-25	3.5	600	20	10
SSL-LX5093XSGC/B	GaP	Super Green	565	Water Clear	5-25	2.2	600	20	10
SSL-LX5093XSIC	AllnGaP	Super High Intensity Red	636	Water Clear	5-25	2	2500	20	10
SSL-LX5093XSOC	AllnGaP	Super Orange	610	Water Clear	5-25	1.8	2500	20	10
SSL-LX5093XSUGC	AllnGaP	Super Ultra Green	574	Water Clear	5-25	2.2	2500	20	10
SSL-LX5093XSYC	AllnGaP	Super Yellow	590	Water Clear	5-25	2	2500	20	10
SSL-LX5093XUSBC	InGaN/SiC	Ultra Super Blue	470	Water Clear	5-25	3.5	2500	20	10
SSL-LX5093UWC	GaN	Ultra White	-	Water Clear	5-25	3.5	2300	20	15
<b>STANDARD BRIGHTNESS</b>									
SSL-LX5093XAC	GaAsP	Amber	605	Water Clear	5-25	2.1	600	20	10
SSL-LX5093XGC	GaP	Green	565	Water Clear	5-25	2.2	250	20	10
SSL-LX5093XIC	GaAsP	High Intensity Red	635	Water Clear	5-25	2	250	20	10
SSL-LX5093XOC	GaAsP	Orange	630	Water Clear	5-25	2	2400	20	10
SSL-LX5093XPGC	GaP	Pure Green	555	Water Clear	5-25	2.1	40	20	10
SSL-LX5093XRC/4	GaAlAs	Super Red	660	Water Clear	5-25	1.7	2500	20	10
SSL-LX5093XYC	GaAlAs	Super Yellow	590	Yellow Clear	5-25	2.1	1300	20	10

## SSL-LX50595 Series

## T-5mm Tapered Clear, Ultra Bright, w/Stand-Off



### 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

### 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
<b>HIGH BRIGHTNESS</b>									
SSL-LX50595UBC125	InGaN/SiC	Ultra Blue	470	Water Clear	5-25	3.6	2000	20	15
SSL-LX50595UPGC125	InGaN/SiC	Ultra Pure Green	525	Water Clear	5-25	3.4	5000	20	15
SSL-LX50595UWC125	InGaN/SiC	Ultra White	-	Water Clear	5-25	3.6	5600	20	15