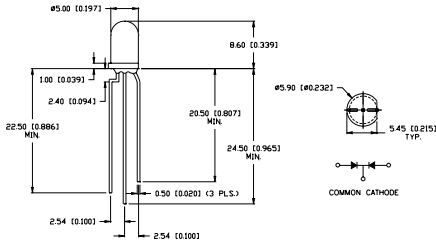


## SSL-LX5099 Series

## T-5mm 3-Leaded, Bi-Color



### 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
- ▶ Common Anode Version

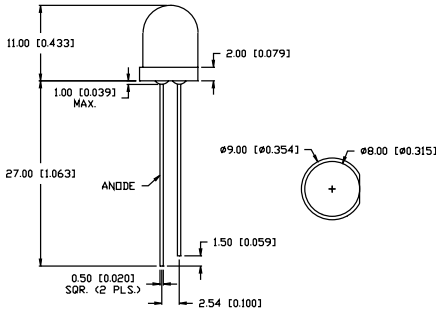
### APPLICATIONS / USES

- ▶ 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-LX5099SISUGW	AllnGaP/AllnGaP	Super High Intensity Red/ Super Ultra Green	636/574	White Diffused	5-25	2.0/2.2	700/200	20	60
SSL-LX5099SISYW	AllnGaP/AllnGaP	Super High Intensity Red/ Super Yellow	636/590	White Diffused	5-25	2.0/2.1	800/400	20	60
SSL-LX5099SYSUGW	AllnGaP/AllnGaP	Super Yellow/ Super Ultra Green	590/574	White Diffused	5-25	2.1/2.2	400/200	20	60
<b>STANDARD BRIGHTNESS</b>									
SSL-LX5099GIW	GaP/GaAsP	Green/High Intensity Red	565/635	White Diffused	5-25	2.2/2.0	45/55	20	60
SSL-LX5099GYW	GaP/GaAsP	Green/Yellow	565/585	White Diffused	5-25	2.2/2.1	45/40	20	60
SSL-LX5099HGW	GaP/GaP	High Efficiency Red/Green	700/565	White Diffused	5-25	2.0/2.2	45/60	20	60
SSL-LX5099IGW	GaAsP/GaP	High Intensity Red/Green	635/565	White Diffused	5-25	2.0/2.2	55/45	20	60
SSL-LX5099IYW	GaAsP/GaAsP	High Intensity Red/Yellow	635/585	White Diffused	5-25	2.0/2.1	55/40	20	60
SSL-LX5099YGW	GaAsP/GaP	Yellow/Green	585	White Diffused	5-25	2.1/2.2	40/45	20	60

## SSL-LX80113 Series

## T-8mm Dome



### 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-LX80113SID	AllnGaP	Super High Intensity Red	636	Red Diffused	5-25	2	350	20	60
SSL-LX80113SOD	AllnGaP	Super Orange	610	Orange Diffused	5-25	2	350	20	60
SSL-LX80113SUGD	AllnGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	250	20	60
SSL-LX80113SYD	AllnGaP	Super Yellow	590	Yellow Diffused	5-25	2	200	20	60
SSL-LX80113USBD	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	250	20	60
<b>STANDARD BRIGHTNESS</b>									
SSL-LX80113GD	GaP	Green	565	Green Diffused	5-25	2.2	15	20	60
SSL-LX80113ID	GaAsP	High Intensity Red	635	Red Diffused	5-25	2.0	15	20	60
SSL-LX80113SGD	GaP	Super Green	565	Green Diffused	5-25	2.2	50	20	60
SSL-LX80113SRD	GaAlAs	Super Red	660	Red Diffused	5-25	1.7	250	20	60
SSL-LX80113YD	GaAsP	Yellow	585	Yellow Diffused	5-25	2.1	15	20	60



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