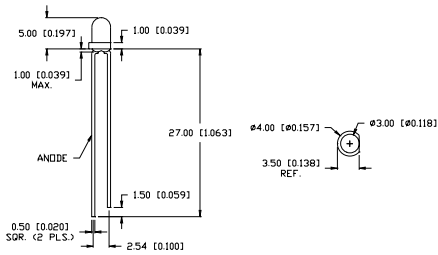


# Discrete LEDs ~ Dome Lens



## SSL-LX30S54 Series

## T-3mm, 5mm 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

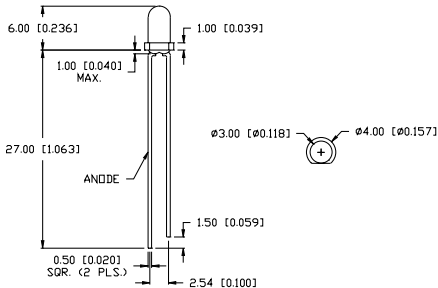
### APPLICATIONS / USES

- ▶ 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-LX30S54SID	AllnGaP	Super High Intensity Red	636	Red Diffused	5-25	2	100	20	60
SSL-LX30S54SOD	AllnGaP	Super Orange	610	Orange Diffused	5-25	2	100	20	60
SSL-LX30S54SUGD	AllnGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	100	20	60
SSL-LX30S54SYD	AllnGaP	Super Yellow	590	Yellow Diffused	5-25	2	100	20	60
SSL-LX30S54USB	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	100	20	60
<b>STANDARD BRIGHTNESS</b>									
SSL-LX30S54GD	GaP	Green	565	Green Diffused	5-25	2.2	20	20	60
SSL-LX30S54HD	GaP	High Efficiency Red	700	Red Diffused	5-25	2	10	20	60
SSL-LX30S54ID	GaAsP	High Intensity Red	635	Red Diffused	5-25	2	30	20	60
SSL-LX30S54SRD	GaAlAs	Super Red	660	Red Diffused	5-25	1.7	40	20	60
SSL-LX30S54YD	GaAsP	Yellow	585	Yellow Diffused	5-25	2.1	20	20	60

## SSL-LX305C4 Series

## T-3mm Front Flange Flat



### 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-LX305C4SID	AllnGaP	Super High Intensity Red	636	Red Diffused	5-25	2	200	20	60
SSL-LX305C4SOD	AllnGaP	Super Orange	610	Orange Diffused	5-25	2	200	20	60
SSL-LX305C4SUGD	AllnGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	120	20	60
SSL-LX305C4SYD	AllnGaP	Super Yellow	590	Yellow Diffused	5-25	2	120	20	60
SSL-LX305C4USB	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	120	20	60
<b>STANDARD BRIGHTNESS</b>									
SSL-LX305C4GD	GaP	Green	565	Green Diffused	5-25	2.2	20	20	60
SSL-LX305C4HD	GaP	High Efficiency Red	700	Red Diffused	5-25	2.1	10	20	60
SSL-LX305C4ID	GaAsP	High Intensity Red	635	Red Diffused	5-25	2	30	20	60
SSL-LX305C4SRD	GaAlAs	Super Red	660	Red Diffused	5-25	1.7	80	20	60
SSL-LX305C4YD	GaAsP	Yellow	585	Yellow Diffused	5-25	2.1	20	20	60



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