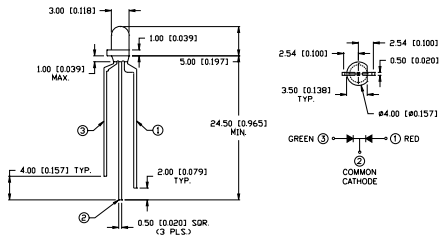


SSL-LX3059 Series

T-3mm Tri-Color, Common Cathode



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

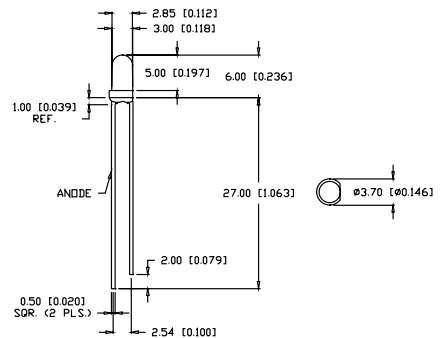
APPLICATIONS / USES

- ▶ 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
HIGH BRIGHTNESS									
SSL-LX3059SISUGW	AlInGaP/AlInGaP	Super High Intensity Red/ Super Ultra Green	636/574	White Diffused	5-25	2.0/2.2	240/90	20	60
SSL-LX3059SISYW	AlInGaP/AlInGaP	Super High Intensity Red/ Super Yellow	636/590	White Diffused	5-25	2.0/2.0	240/240	20	60
SSL-LX3059SYSUGW	AlInGaP/AlInGaP	Super Yellow/ Super Ultra Green	590/574	White Diffused	5-25	2.0/2.2	240/90	20	60
STANDARD BRIGHTNESS									
SSL-LX3059GYW	GaP/GaAsP	Green/Yellow	565/585	White Diffused	5-25	2.2/2.1	30	20	60
SSL-LX3059IGW	GaAsP/GaP	High Intensity Red/Green	635/565	White Diffused	5-25	2.0/2.2	30	20	60
SSL-LX3059IYW	GaAsP/GaAsP	High Intensity Red/Yellow	635/585	White Diffused	5-25	2.0/2.1	30	20	60
SSL-LX3059YGW	GaAsP/GaP	Yellow/Green	585/565	White Diffused	5-25	2.1/2.2	30	20	60

SSL-LX3064 Series

T-3mm Tall 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
HIGH BRIGHTNESS									
SSL-LX3064SID	AlInGaP	Super High Intensity Red	636	Red Diffused	5-25	2	100	20	60
SSL-LX3064SOD	AlInGaP	Super Orange	610	Orange Diffused	5-25	2	100	20	60
SSL-LX3064SUGD	AlInGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	180	20	60
SSL-LX3064SYD	AlInGaP	Super Yellow	590	Yellow Diffused	5-25	2	250	20	60
SSL-LX3064USBD	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	80	20	60
STANDARD BRIGHTNESS									
SSL-LX3064GD	GaP	Green	565	Green Diffused	5-25	2.2	30	20	60
SSL-LX3064ID	GaAsP	High Intensity Red	635	Red Diffused	5-25	2	40	20	60
SSL-LX3064SRD	GaAlAs	Super Red	660	Red Diffused	5-25	1.7	100	20	60
SSL-LX3064YD	GaAsP	Yellow	585	Yellow Diffused	5-25	2.1	30	20	60



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