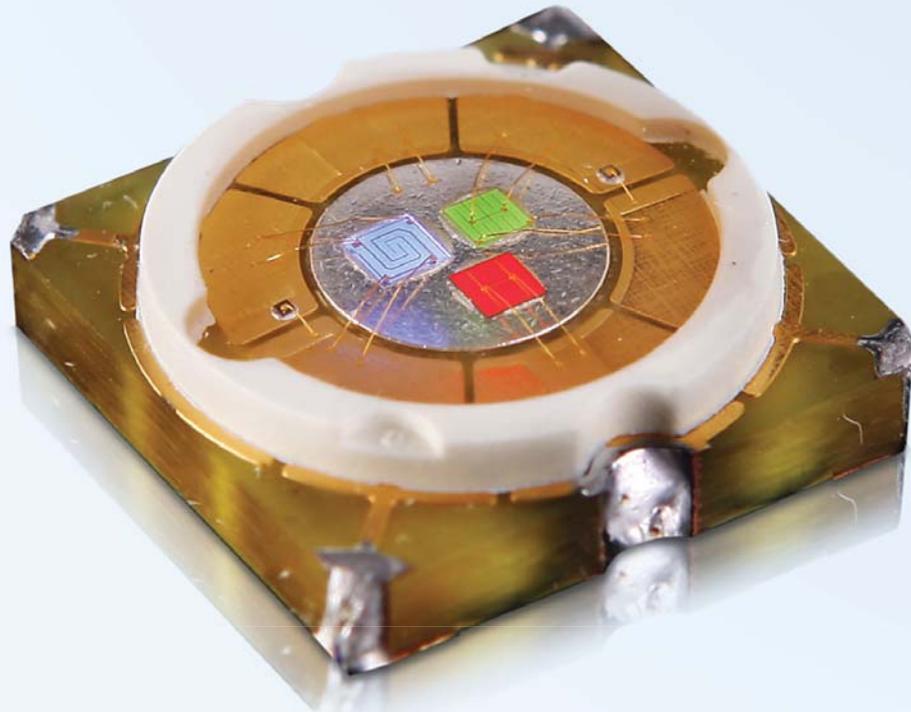


TitanBrite™ RGB

3-Watt High Power LED



Brilliant Illumination with Low Power Consumption

TitanBrite 3-Watt LEDs are available in an RGB format for full-color display, as well as cold, warm and neutral white for enhanced product differentiation. Cold white colors project brightness and cleanliness while warm white shades project a more natural and 'soft' looking light. Lumex's TitanBrite 3-Watt LEDs are ideal for any application that calls for high intensity point source lighting.

Features:

- Designed in a 10mm square package for easy heat sinking with a thermal resistance of 9K/W to the junction
- Red: 25 lumens @ 350mA
- Green: 35 lumens @ 350mA
- Blue: 8 lumens @ 350mA
- or up to 250 lumens at 700mA of current in cold, warm and neutral white (5-Watt LED)

Applications:

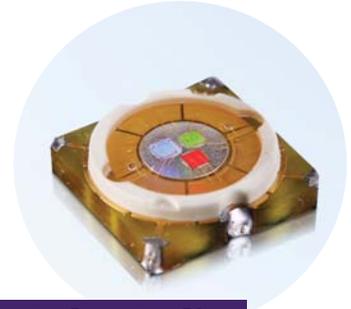
- Display lighting
- Emergency indication
- High-end appliances
- Backlighting

Markets:

- Electronic Signage
- Medical
- Appliance
- General Illumination

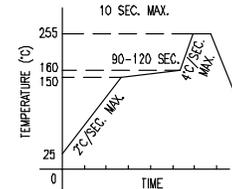
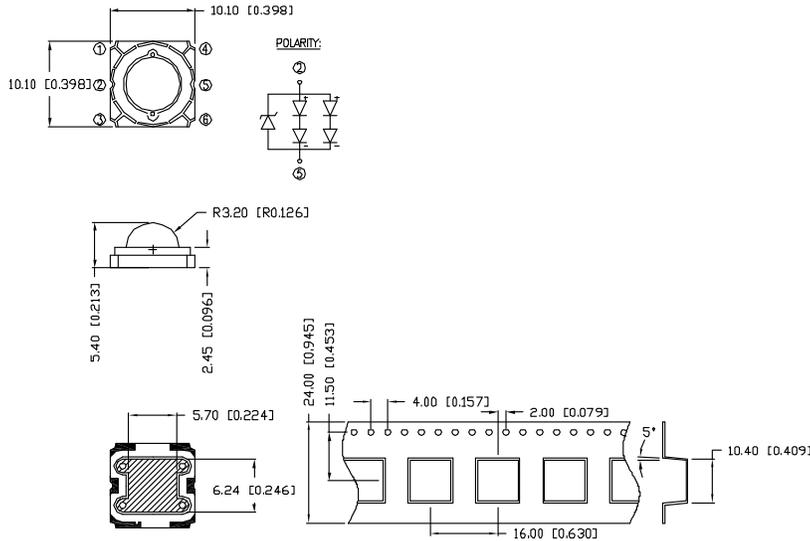
LUMEX®
Creating LED and LCD Solutions Together™

TitanBrite™ 3-Watt High Power LED



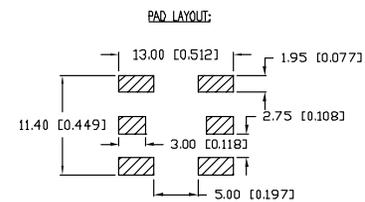
SML-LX3939UWC-TR

Lead Free Reflow Profile



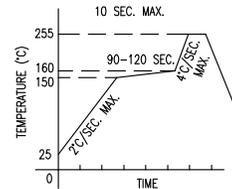
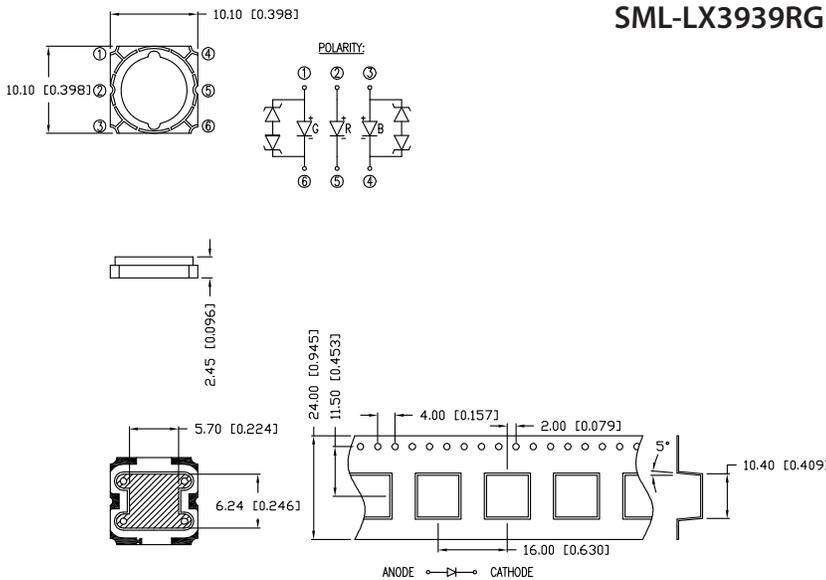
TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

Recommended Pad Layout



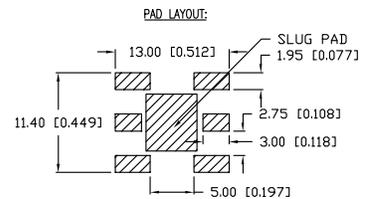
SML-LX3939RGBC-TR

Lead Free Reflow Profile



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

Recommended Pad Layout



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.0

TitanBrite™ 3-Watt High Power Series	PN	Brightness	Die Material	Emitted Color	Peak Wavelength	Epoxy Lens	Operating Typ Vf (V)	Operating Current (mA)	Intensity	View Angle 2x Theta
	SML-LX3939UWC-TR	High	InGaN	White	-	Clear	6.6	700	190 lm	130
SML-LX3939RGBC-TR	High	InGaN	Blue	470	Clear	3.5	350	8 lm	130	
	High	InGaN	Green	525	Clear	3.5	350	35 lm	130	
	High	AlInGaP	Red	626	Clear	2.1	350	25 lm	130	

