HEAT SLUG

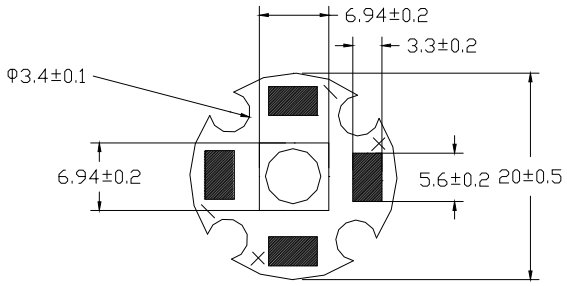
Part No.: S30GR2C

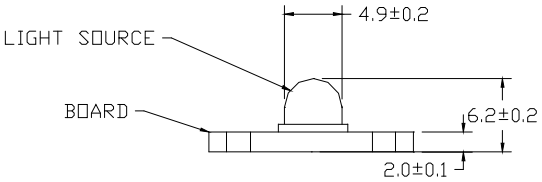
Features:

- Highest Flux Red
- High reliability and Very long operating life (up to 100K hours)
- Low voltage DC operated
- More Energy Efficient than Incandescent and most Halogen lamps
- NO UV
- Superior ESD protection

Typical Applications:

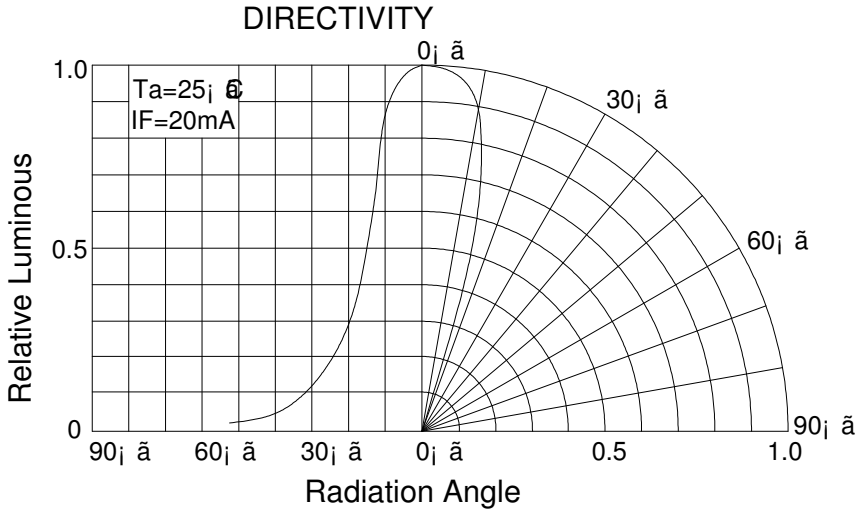
- Reading lights(car,bus,aircraft)
- Portable(flashlight,bicycle)
- Automotive Exterior(Stop-Tail-Turn, CHMSL,Mirror Side Repeat)
- Decorative





NOTE:

- All dimensions are millimetres.
- Tolerance is ±0.1mm unless otherivise noted



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Absolute maximum ratings（Ta = 25℃）

Parameter	Symbol	Test Condition	Value		Unit
			Min.	Max.	
DC Forward Current	IF	----	----	350	mA
DC Forward Maximum Current	Imax	-----	----	500	mA
Power Dissipation	Pd	----	----	0.98	W
LED Junction Temperature	Tj	----		120	℃
Operating Temperature	Topr	----	-25	+100	℃
Storage Temperature	Tstr	----	-40	+120	℃
Soldering Temperature	---	-----	260℃ for 5 Seconds max		

Electrical and optical characteristics （Ta = 25℃）

Parameter	Symbol	Test Condition	Value			Unit
			Min.	Typ.	Max.	
Forward Voltage	VF	IF = 350mA	----	2.0	2.5	V
Luminous Flux	Φv	IF = 350mA	5	12	-	lm
Viewing Angle	2θ1/2	IF = 350mA	----	30	----	Deg.
Dominant Wavelength	λd	IF = 350mA	620	----	630	nm

Luminous Flux Bins（Ta = 25℃） Unit:lm

Bin	B	C	D	E	F	G
Min	5	10	15	20	25	30
Max	10	15	20	25	30	40

Dominant Wavelength- λ_d（Ta = 25℃） Unit: nm

Bin	A	V	O	U		
Min	600	610	620	630		
Max	610	620	630	640		

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Typical electrical/optical characteristic curves: