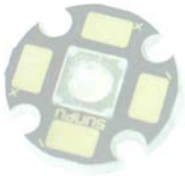
HEAT SLUG

Part No. Ö S70GB7C



Features Ö

- Highest Flux BLUE
- High reliability and Very long operating life (up to 100K hours)
- Low voltage DC operated
- More Energy Efficient than Incandescent and most Halogen lamps
- Superior ESD protection
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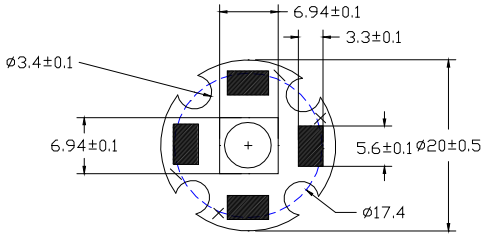
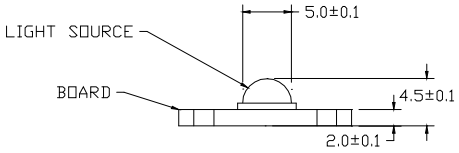


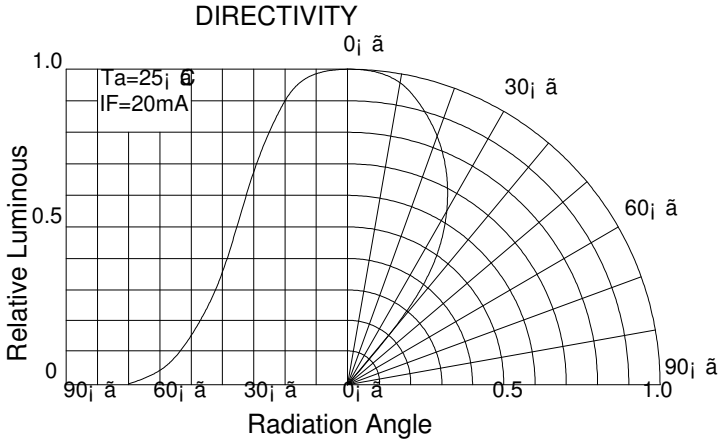


Typical Applications Ö

- Decorative
- Portable(flashlight,bicycle)
- Automotive Exterior(Stop-Tail-Turn, CHMSL,Mirror Side Repeat)
-

NOTE:

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



Part No. ÖS70GB7C

Absolute maximum ratings Ta = 25

Parameter	Symbol	Test Condition	Value		Unit
			Min.	Max.	
DC Forward Current	IF	----	----	350	mA
Peak Pulse Current	Ipeak	Duty=0.1mS ¨ 1kHz	----	500	mA
Power Dissipation	Pd	----	----	1.4	W
LED Junction Temperature	Tj	----		120	
Operating Temperature	Topr	----	-25	+100	
Storage Temperature	Tstr	----	-40	+120	
ESD Sensitivity	---	HBM	8000	---	V
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	----	3.5	4.0	V
Luminous Flux	v	IF = 350mA	5	8	10	lm
Viewing Angle	2 ' 1/2	IF = 350mA	----	70	----	Deg.
Dominant Wavelength	d	IF = 350mA	460	----	470	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

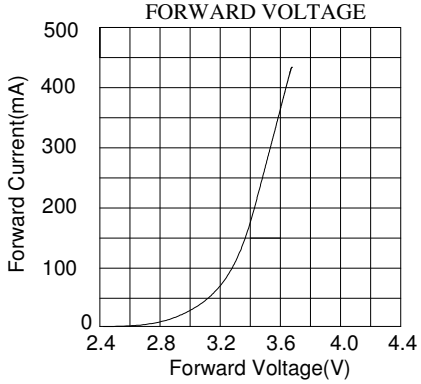
Dominant Wavelength- d Ta = 25 Unit: nm

Bin	F	G	H	I	J	
Min	455	460	465	470	475	
Max	460	465	470	475	480	

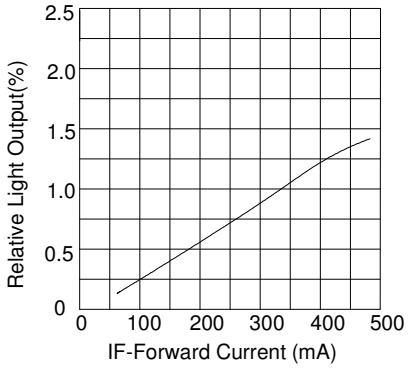
Part No. ÖS70GB7C

Typical electrical/optical characteristic curves Ö

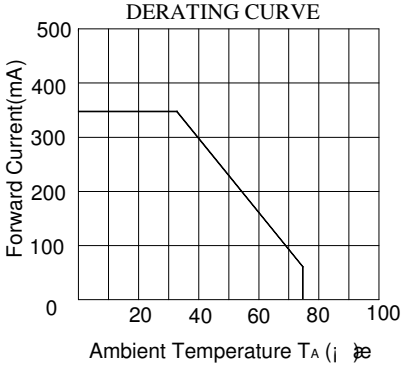
FORWARD CURRENT Vs
FORWARD VOLTAGE



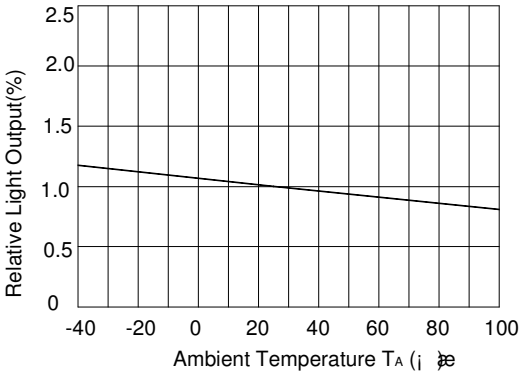
LUMINOUS FLUX Vs.
FORWARD CURRENT



FORWARD CURRENT
DERATING CURVE



LUMINOUS FLUX Vs.
AMBIENT TEMPERATURE



465/20