

Optoelectronics: Hi-Brightness Series

To meet the increasing demand for high intensity and high quality light sources, Sensitron now offers various products based on the latest chip technologies utilizing GaInN and a highly optimized transparent substrate for GaAlInP. With a choice of viewing angles, diffusing and lens shapes, we can supply binning and packaging to specifically meet your application needs. As a traditional military supplier, we have the capability and experience to offer burn-in, custom packaging and hybrid design for a turnkey solution. Give us a call, to see how we can help with your hi-brightness applications.

Celebrating over 30 years of supplying semiconductor and microelectronic products to the high-rel, industrial and commercial markets!

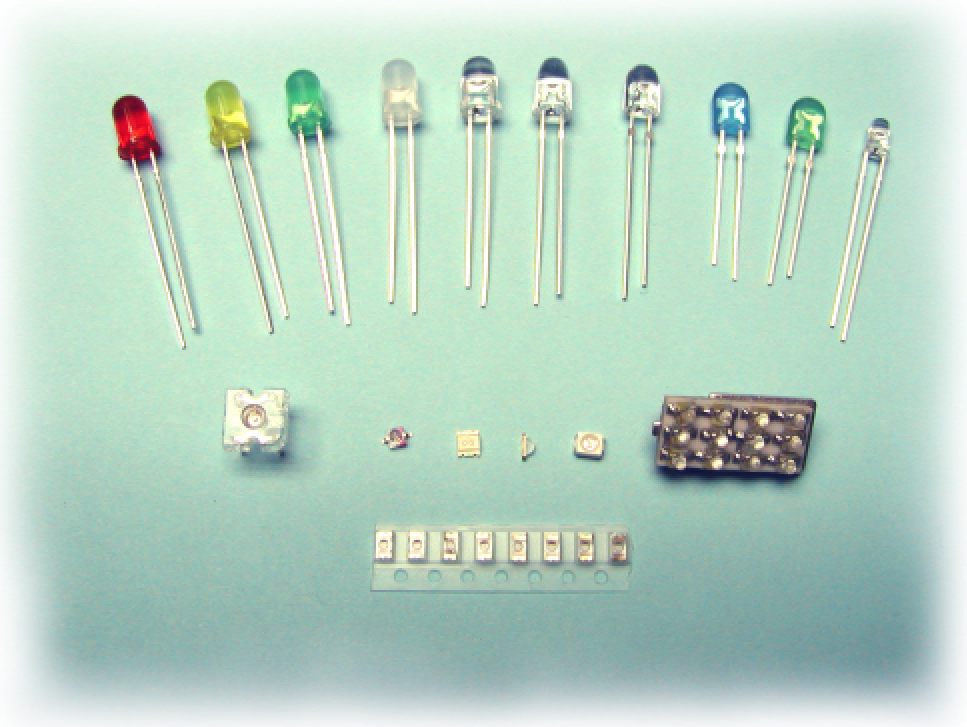
✧ ISO-9001
Registered

Applications / Markets:

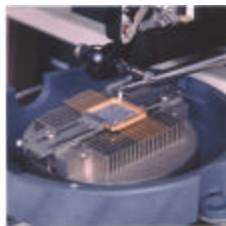
- ✧ Daylight Viewable
- ✧ Instrumentation
- ✧ Back Lighting
- ✧ Signs
- ✧ Decorative Lighting
- ✧ Medical Equipment
- ✧ Marine Applications

Features / Benefits:

- ✧ High Efficiency
- ✧ High Brightness - >1000 mcd
- ✧ High or Low Volume
- ✧ Multiple Colors
- ✧ Bin Grading Available
- ✧ Lead and SMT
- ✧ Multiple Viewing Angles



<i>Part Number</i>	<i>Package</i>	<i>Material</i>	<i>Color</i>	<i>Wavelength (nm)</i>	<i>Len</i>	<i>Iv (mcd) 20mA</i>	<i>Vf (volt) typ.</i>	<i>Viewing Angle 2$\theta_{1/2}$</i>
LT569S-BHC-1-D1	5mm	GaN	Blue	470	Water clear	2500	3.5	20
LT569S-BHC-2-D1	5mm	GaN	Blue	470	Water clear	2500	3.5	20
LT569S-BHC-3-D1	5mm	GaN	Blue	470	Water clear	3000	3.5	20
LT569S-WHC-1-D1	5mm	GaN	White	--	Water clear	7000	3.5	20
LT569S-WHC-2-D1	5mm	GaN	White	--	Water clear	8000	3.5	20
LT569S-GHC-1-D1	5mm	GaN	Green	505	Water clear	7000	3.5	20
LT569S-GHC-2-D1	5mm	GaN	Green	525	Water clear	8000	3.5	20
LT569S-YTC-3-D1	5mm	GaAlInP	Yellow	595	Water clear	8000	2.2	20
LT569S-RTC-D1	5mm	GaAlInP	Red	626	Water clear	5000	2.2	20
LT569S-BHC-1-D2	5mm	GaN	Blue	470	Water clear	1500	3.5	30
LT569S-BHC-2-D2	5mm	GaN	Blue	470	Water clear	2000	3.5	30
LT569S-BHC-3-D2	5mm	GaN	Blue	470	Water clear	2500	3.5	30
LT569S-WHC-1-D2	5mm	GaN	White	--	Water clear	4000	3.5	30
LT569S-WHC-2-D2	5mm	GaN	White	--	Water clear	5000	3.5	30
LT569S-GHC-1-D2	5mm	GaN	Green	505	Water clear	5000	3.5	30
LT569S-GHC-2-D2	5mm	GaN	Green	525	Water clear	6000	3.5	30
LT569S-YTC-3-D2	5mm	GaAlInP	Yellow	595	Water clear	6000	2.2	30
LT569S-RTC-D2	5mm	GaAlInP	Red	626	Water clear	3500	2.2	30
LT569S-BHC-1-D3	5mm	GaN	Blue	470	Water clear	1500	3.5	40
LT569S-BHC-2-D3	5mm	GaN	Blue	470	Water clear	2000	3.5	40
LT569S-BHC-3-D3	5mm	GaN	Blue	470	Water clear	2500	3.5	40
LT569S-WHC-1-D3	5mm	GaN	White	--	Water clear	3000	3.5	40
LT569S-WHC-2-D3	5mm	GaN	White	--	Water clear	3500	3.5	40
LT569S-GHC-1-D3	5mm	GaN	Green	505	Water clear	4000	3.5	40
LT569S-GHC-2-D3	5mm	GaN	Green	525	Water clear	5000	3.5	40
LT569S-YTC-3-D3	5mm	GaAlInP	Yellow	595	Water clear	4500	2.2	40
LT569S-RTC-D3	5mm	GaAlInP	Red	626	Water clear	2500	2.2	40



...Specialists in Microelectronics Design and Packaging!

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