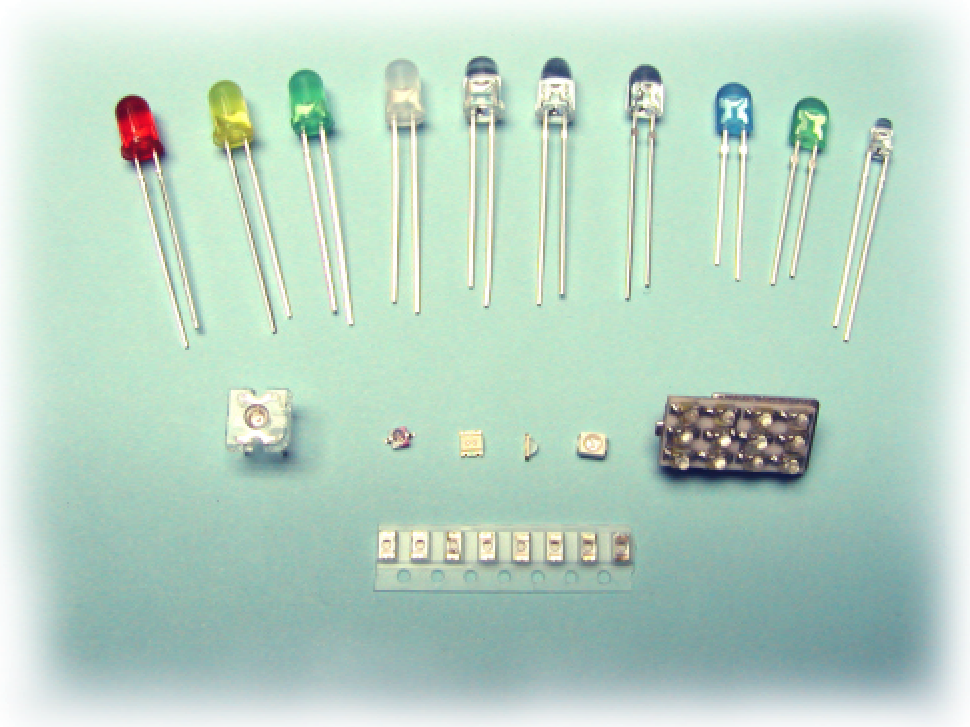


To meet the increasing demand for high intensity and high quality light sources, Sensitron now offers various products based on the latest chip technologies utilizing GaInN and a highly optimized transparent substrate for GaAlInP. With a choice of viewing angles, diffusing and lens shapes, we can supply 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.

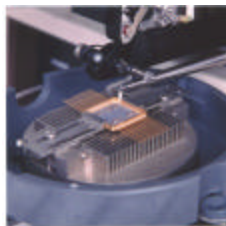
**✿ ISO-9001  
Registered**

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

- ✿ High Efficiency
- ✿ High Brightness - >1000 mcd
- ✿ High or Low Volume
- ✿ Multiple Colors
- ✿ Bin Grading Available
- ✿ Leaded 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<math>\theta_{1/2}</math></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!*

## **SENSITRON SEMICONDUCTOR**

221 West Industry Court • Deer Park, NY 11729-4681

(631) 586-7600 • Fax: (631) 242-9798 • Web Site: <http://www.sensitron.com> • E-mail: [sales@sensitron.com](mailto:sales@sensitron.com)