

| Package | Part No. FYL- | Chip | | Lens Appearance | Absolute Maximum Ratings | | | | Electro-optical Data(At 20mA) | | | Viewing Angle 2 θ 1/2 (deg) | Drawing No. |
|--|------------------------|---------------------------|---------------------------------------|--------------------|-----------------------------|------------|------------|--------------|----------------------------------|------|-------------|--------------------------------------|----------------|
| | | Material/Emitted Color | Peak Wave Length λ p (nm) | | Δ λ (nm) | Pd (mw) | If (mA) | Peak (mA) | Vf(V) | | Iv (mcd) | | |
| | | | | | | | | | Typ | Max | Typ | | |
| T-1 3/4 Standard 1.0" Lead φ 5 | 5013SRD | GaAlAs/SH Super Red | 660 | Red diffused | 20 | 60 | 30 | 150 | 1.85 | 2.20 | 80 | 60 | L-011 |
| | 5013LRD | GaAlAs/DH Super Red | 660 | Red diffused | 20 | 60 | 30 | 150 | 1.85 | 2.20 | 120 | 60 | |
| | 5013SRT | GaAlAs/SH Super Red | 660 | Red trans | 20 | 60 | 30 | 150 | 1.85 | 2.20 | 250 | 20 | |
| | 5013SRC | GaAlAs/SH Super Red | 660 | Water clear | 20 | 60 | 30 | 150 | 1.85 | 2.20 | 250 | 20 | |
| | 5013LRC | GaAlAs/DH Super Red | 660 | Water clear | 20 | 60 | 30 | 150 | 1.85 | 2.20 | 600 | 20 | |
| | 5013URC | GaAlAs/DDH Super Red | 660 | Water clear | 20 | 60 | 30 | 150 | 1.85 | 2.20 | 1000 | 20 | |
| | 5013UEC | AlGaInP/Ultra Orange | 630 | Water clear | 17 | 65 | 30 | 150 | 2.10 | 2.50 | 2000 | 20 | |
| | 5013UYC | AlGaInP/Ultra Yellow | 590 | Water clear | 15 | 65 | 30 | 150 | 2.10 | 2.50 | 2200 | 20 | |
| | 5013UGC | AlGaInP/Ultra Green | 574 | Water clear | 30 | 75 | 30 | 150 | 2.20 | 2.50 | 700 | 20 | |
| | 5013PGC | InGaN/SiC Ultra Green | 525 | Water clear | 36 | 110 | 30 | 150 | 3.80 | 4.50 | 3000 | 20 | |
| | 5013BGC | InGaN/SiC Ultra Green | 505 | Water clear | 30 | 110 | 30 | 100 | 3.80 | 4.50 | 3000 | 20 | |
| | 5013UBC | InGaN/SiC Ultra Blue | 470 | Water clear | 30 | 120 | 30 | 100 | 3.80 | 4.50 | 1500 | 20 | |
| | 5013BC | InGaN/SiC Super Blue | 470 | Water clear | 30 | 120 | 30 | 100 | 3.80 | 4.50 | 1000 | 20 | |
| | 5013VC | InGaN/SiC UV | 405 | Water clear | | 120 | 30 | 100 | 3.80 | 4.50 | 200 | 20 | |
| | 5013UWC | InGaN/SiC Ultra White | | Water clear | | 120 | 30 | 100 | 3.80 | 4.50 | 6000 | 20 | |
| 5013WC | In GaN/SiC Super White | | Water clear | | 120 | 30 | 100 | 3.80 | 4.50 | 2500 | 20 | | |

L-011

FYL-5013xx Series

