

- **Standard PLCC Package**
- **Bi-Color, Tri-Color And RGB Available**
- **Ideal For Back Lighting**
- **BivarOpto Light Pipe Compatibility**
- **3,000 To A Reel, Smaller Reels Available**



**SMLC**  
**SERIES**  
PLCC Package

| PART NO. | CHIP          |           | LENS APPEARANCE | ABSOLUTE MAXIMUM RATINGS |         |         |              | ELECTRO-OPTICAL DATA @20ma |      |               | VIEWING ANGLE (deg) |
|----------|---------------|-----------|-----------------|--------------------------|---------|---------|--------------|----------------------------|------|---------------|---------------------|
|          | EMITTED COLOR | PEAK (nm) |                 | $\Delta\lambda$ (nm)     | pd (mW) | If (mA) | Peak If (mA) | Vf (V)                     |      | Iv Typ. (mcd) |                     |
|          |               |           |                 |                          |         |         |              | TYPE                       | MAX. |               |                     |
| SMLC-RC  | RED           | 700       | WATER CLEAR     | 90                       | 50      | 15      | 50           | 2.2                        | 2.6  | 3.0           | 140                 |
| SMLC-GC  | GREEN         | 568       | WATER CLEAR     | 30                       | 100     | 30      | 150          | 2.2                        | 2.6  | 15.0          | 140                 |
| SMLC-HGC | HE GREEN      | 568       | WATER CLEAR     | 35                       | 100     | 30      | 150          | 2.2                        | 2.6  | 18.0          | 140                 |
| SMLC-YC  | YELLOW        | 585       | WATER CLEAR     | 35                       | 100     | 30      | 150          | 2.1                        | 2.6  | 10.0          | 140                 |
| SMLC-AC  | AMBER         | 610       | WATER CLEAR     | 35                       | 100     | 30      | 150          | 2.0                        | 2.6  | 15.0          | 140                 |
| SMLC-PGC | PURE GREEN    | 555       | WATER CLEAR     | 25                       | 100     | 30      | 150          | 2.2                        | 2.6  | 1.5           | 140                 |
| SMLC-SRC | SUPER RED     | 660       | WATER CLEAR     | 20                       | 60      | 30      | 150          | 1.7                        | 2.6  | 30.0          | 140                 |
| SMLC-URC | ULTRA RED     | 660       | WATER CLEAR     | 20                       | 80      | 30      | 150          | 2.0                        | 2.6  | 45.0          | 140                 |

ABSOLUTE MAXIMUM RATINGS (TA=25°C)

