

# QuasarBrite™

## SMT 2-High LED PCB Indicators



**QuasarBrite™ 2-High LED PCB Indicators Combine Superior Light Performance, with Exceptional Unit Cost Savings**

### Features:

- Direct replacement for the through-hole, industry-standard 2-high
- Increased intensity of 50% compared to alternative technology
- SMD assembly, offering assembly saving of up to 25%
- Unit cost savings of 50% or more compared to other SMD 2-high, right angle LEDs (depending on volume)
- Available in tape reel packaging
- Available in all standard color combination
- Custom solutions available

### Applications:

- Routers
- Server Networks

### Markets:

- Telecommunications



*Patent Pending*

# QuasarBrite™ SMT 2-High LED PCB Indicators

## QuasarBrite™ SMF-LX240 Series

| PN              | Emitted Color  | Chip Material | Brightness Level | Peak Wavelength (nm) | Lens Type      | Typ. Vf | I <sub>f</sub> (mA) | Typ. Intensity Output @ 20mA |
|-----------------|----------------|---------------|------------------|----------------------|----------------|---------|---------------------|------------------------------|
| SMF-LX240IID-TR | Top - Red      | GaAsP         | Standard         | 635                  | Red Diffused   | 2.0     | 20                  | 30                           |
|                 | Bottom - Red   | GaAsP         | Standard         | 635                  | Red Diffused   | 2.0     | 20                  | 30                           |
| SMF-LX240GGD-TR | Top Green      | GaP           | Standard         | 565                  | Green Diffused | 2.2     | 20                  | 30                           |
|                 | Bottom - Green | GaP           | Standard         | 565                  | Green Diffused | 2.2     | 20                  | 30                           |
| SML-LX240IGD-TR | Top - Red      | GaAsP         | Standard         | 635                  | Red Diffused   | 2.0     | 20                  | 30                           |
|                 | Bottom - Green | GaP           | Standard         | 565                  | Green Diffused | 2.2     | 20                  | 30                           |

