



BIVAR

LEDs

Surface Mount Chip,
Through-Hole, Ultraviolet UV

Q-FLEX

www.q-flex.fi info@q-flex.fi
+358 2 4894 500

www.bivar.com 

Full Line of High-Quality LEDs

Bivar has been providing high quality, reliable LEDs for over 20 years. We offer a full line of industry standard packages available in various colors, luminosities, wavelengths, and sizes. Bivar LEDs are designed for maximum efficiency and low power consumption. Applications include indication, backlighting, illumination, and pairing with Bivar Rigid and Flexible Light Pipes.

Surface Mount Chip



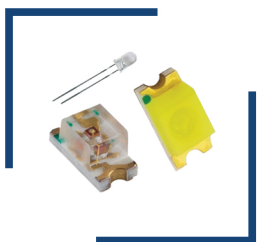
- Available in single color and multi-color configurations.
- Narrow and wide viewing angle options.
- Top and right-angle side view emittance.
- SM0402 Series ultra-miniature packaging for space constrained applications.
- Low power consumption and long lifespan performance.
- PLCC offers robust package for harsh environment applications.

Through-Hole



- Industry standard 1.8mm, 3mm (T-1), and 5mm (T-1 3/4) packages.
- Low power with a range of viewing angles including narrow.
- Flanged lead-frame ideal with Bivar self-retaining CR Series panel mount clip/ring assemblies.
- Shouldered lead-frame ideal with Bivar ELM Series vertical spacer assemblies.

Ultraviolet UV



- UV-A standard SMD packages 0603 and 1206 with 390nm to 405nm wavelengths.
- UV-A standard Through-Hole packages 3mm, 5mm with 385nm to 405nm wavelengths.
- Through-Hole has narrow viewing angles, built-in Zener diode for ESD protection.
- Ideal for medical applications, air purification, industrial curing, and detection.

Bivar Advantage

Bivar's expansive LED portfolio continues to evolve to meet the needs of customers requiring high quality, long lasting LED Indication and illumination.



High Quality

Bivar LEDs are designed and tested to meet the most stringent quality requirements found in medical devices and a wide range of healthcare applications. This makes them well suited for broader use where critical indication is needed to reliably communicate a growing amount of system status notifications.



Selection

Bivar LEDs are readily available from Bivar Authorized distributors around the globe. They are stored and handled with caution to ensure maximum quality and freshness. All are RoHS compliant and can be selected to tighter specifications as required.




Light Pipe Compatibility


Pairing Bivar high quality Light Pipes and Surface Mount LEDs insures maximum light transmission efficiencies and consistent brightness and color efficacy performance. Bivar SMD LEDs provide a wide selection of package sizes including 0402, single/bi-color/tri-color configurations, and narrow viewing angles.

LED Advanced Solutions

Bivar's Advanced Solutions Team works closely with customers to conceptualize and apply Bivar LEDs in all types of complex light rings, backlighting, and illumination applications. We combine our Rapid Engineering with passionate attention to detail and provide customers with options that best address their application-specific custom needs.

[Contact a Design Expert today!](#)



4 Thomas, Irvine, CA 92618 USA
1.949.951.8808  www.bivar.com

BIVAR