Greetings!

Welcome to the September issue of the Illuminator - we hope you're enjoying our monthly newsletter and finding valuable information contained.

This month, the Illuminator highlights the new addition to our flexible light pipe family - the 2mm plastic optical fiber core. Flexible light pipes make ideal LED indication upgrade solutions and offer cost-effective, efficient and flexible alternatives to rigid light pipes. In addition, we'll share insights into designing applications with the Bivar OPTO FOUR - that's right, the OPTO FOUR - read on for more detail...

Thank you for your time and stay in touch; let us know how we can make the Illuminator even more valuable.

Better Designs with the Bivar OPTO FOUR

Have you heard the term 'If you build it, they will come?' How about 'If you WANT to build it, come to Bivar?' If you want to build with LEDs - we have all the OPTO you'll need to complete your design. The OPTO FOUR can be found on our website and includes our Light Pipes, LED Assemblies, LED Mounts, and LEDs.

Why do we call it the Bivar OPTO FOUR? The answer is - if you're designing with LEDs, we have a complete product and accessory offering to support the best way to move light in your project. If your design calls for a light pipe, we've got flexible and rigid, as well as a complete selection of lenses and adaptors. If your design calls for an LED assembly you'll certainly need an LED and a mount - we have all the industry standards in LEDs and we've got many styles of mounts and holders to choose from. When you're specifying an LED we have a wide selection of surface mount and through-hole, all optimized for our light pipe systems.

Let us work with you to put the OPTO FOUR into action for your design. We offer standard products and also standard product modification if your project requires customization.

Bivar's New Flexible 2mm Light Pipe System

Bivar recently introduced its new 2mm plastic optical fiber (POF) flexible light
Flexible light pipes are ideally suited for applications that include field instrumentation, heavy equipment and transportation where difficult designs position the LED light source far from the viewing surface or obstructed by other components. The new light pipe system from Bivar is an ideal LED indication upgrade solution for outdoor and rugged applications, which require greater brightness and light transfer capacity, sturdy design and more flexibility. Bivar's new flexible light pipe system offers a variety of lens cap indicators and LED adaptors that provide exceptional viewing angles, light diffusion and intensity.

To learn more about Bivar's flexible light pipe systems series please click here: Bivar Flexible Light Pipes

**Bivar In the News**

Last month's Illuminator highlighted our UV LED product line and we've issued recent news that we've noticed a marked increase in the adoption of this product line in the past months. Several top tier publications took notice of this announcement; LEDs Magazine, for example, highlighted Bivar's UV LED story where we reveal that UV LEDs are gaining traction with applications that have traditionally used fluorescent UV lights.

To learn more about our UV LED product line check out our recent announcement or click this link to view our news on LEDs Magazine website.

UV LEDs from Bivar Gain Traction in Traditional Fluorescent Applications

Stay tuned for more positive coverage of Bivar's innovations - new products are coming soon!

**Today's Bivar**

After 40+ years in the electronics industry, Bivar has been through a great deal of change - here's an update on Today's Bivar:

We move light! We make LED indication and illumination products that make moving light practical, easy, efficient, and affordable.

Bivar Today:

- We are a market leading innovator
- We offer a wide selection of LEDs that are optimized for light pipes
- We have the widest selection of light pipes available
- We offer the option of modifying our standard products
- We offer products that have an application specific focus
Stay tuned for the next issue of the *Illuminator* where we'll spotlight products, trends, design tips, and more!

**Sincerely,**

Bivar, Inc.