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## **New High Bright Green LEDs Using InGaAlP Technology from AND® Optoelectronics**

Sunnyvale, Calif., July 30, 2000 - **AND Optoelectronics** today announced the addition of a new color using InGaAlP technology to their family of LEDs designed for high-bright light emission. The new high-performance AND190HGP emits green light at 574 nm and is mounted in a 10mm (T3) package.

This high-bright LED has a luminous intensity of typically 2,000 mcd at 20mA, which is suitable for outdoor message signboards as well as for indicator lights. Fast response times of tens of nanoseconds provide ease of pulsed operation. This device requires low drive currents of about 2 to 20 mA DC and exhibits excellent On-Off contrast ratio. Peak emission wavelength of 574 nm is conducive to high-bright visible emission.

**Applications**

The AND190HGP LEDs are well suited for applications where the addition of the new high-bright color green will enhance or offer greater versatility in the design of modern display systems.

These ultra-bright LEDs are suitable for indoor and outdoor message signs as well as any low- power consuming applications. Mounted in the 10mm package with a viewing angle of 8 degrees, the AND190HGP is suitable for illumination purposes. The new LEDs can be used in applications where the additional high-bright color will provide greater information in computers, peripherals, instrumentation and automotive apparatus, aircraft and airport lighting, and other multi-colored lighting requirements.

**Pricing and Availability**

The AND190HGP is available from stock and is priced at \$0.596 each in quantities of 10,000 pieces.

**About AND Optoelectronics**

AND Optoelectronics is a proprietary line of LEDs manufactured by Purdy Electronics Corporation which was founded in 1930, and is headquartered in the Silicon Valley in Sunnyvale, California. Purdy Electronics designs, manufactures, and markets electronic components including LCDs, LEDs, cooling fans and blowers, switches and fiber optic components. The products are sold under the company's own brand names: **AND Optoelectronics**, AND Displays, Interfan, Interswitch, and Interoptics.

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