

FOR IMMEDIATE RELEASE:
Mar. 4, 2014
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MEDIA ADVISORY

Optronics Introduces “Combo Lamp” with Integrated Stop, Tail, Turn and Backup Functions at 2014 Work Truck Show

Nine-inch oval STL68 Combo Lamp delivers two lamps for the price of one, while surface-mount design reduces size and number of lighting-related apertures on vehicle.

INDIANAPOLIS, Ind., USA (Mar. 4, 2014) — [Optronics International](#), America’s largest offshore vehicle lighting manufacturer, announced that it will reveal its new STL68 Combo Lamp for the first time in [booth 5747 at the 2014 NTEA Work Truck Show](#) in Indianapolis, Ind. The nine-inch oval combination LED stop, tail, turn and backup lamp easily mounts to the surface of a vehicle and at only half an inch thick, has the low profile of a through-hole-mounted lamp.

Traditionally, vehicles have been fitted with separate six-inch stop, tail, turn lamps and six-inch backup lamps. Every individual lamp required a mounting hole in the vehicle body panels, frame posts, docking plates or gussets. Each resulting lamp cavity can reduce structural integrity and provide a path for the intrusion of moisture and other contaminants.

Today, stop, tail, turn functions are often performed by LED lamps, while backup lighting has remained largely the realm of incandescent lamps, due to cost and other factors. Optronics’ new [STL68 nine-inch oval Combo Lamp](#) is designed to give users the benefit of getting the functionality of two lamps for the price of just one. Additionally, because the lamps are all LED, they are far more dependable and thus safer than incandescent lamps.

“Our new Combo Lamps are a good example of our innovative spirit, industrial design and manufacturing capabilities,” Brett Johnson, president and CEO of Optronics International, said. “We’ve re-imagined vehicular rear lighting and, in the process, have synthesized a lower-cost, highly reliable product that is far more practical than previous solutions.”

Mounting the new STL68 nine-inch oval Combo Lamp requires only a small half-inch egress hole for wiring and four small mounting holes for rivet or screw fasteners. The low-profile lamp fits snugly to the surface of the vehicle for a clean, finished look. Because the mounting process is less invasive, a vehicle’s structural envelope can now remain largely intact.

The new STL68 nine-inch oval Combo Lamp meets all FMVSS 108 photometric requirements for visibility and safety. Lenses and housings are made of tough polycarbonate material that is sonically welded. The lamps employ a solid-state, surface-mount device (SMD) design that protects their electronics against moisture, shock and vibration, and each comes with one-diode lifetime warranty protection that will replace the lamp if even one diode fails.

The new STL68 Combo Lamp is expected to begin shipping in the second quarter of 2014 and will be available through Optronics' extensive [distribution network](#) of more than 12,000 top-quality distribution locations nationwide. The company also reaches markets through Internet-based retailers serving a broader vehicle and transportation audience.

“The new Combo Lamp is a good example of how Optronics is leveraging its leading-edge optical design, advanced manufacturing capabilities and highly skilled offshore labor force to deliver greater value and lower prices to the vehicle and transportation marketplace,” Johnson said. “The marketplace continues to look for lighting suppliers that can deliver the highest value with the lowest cost of ownership, and there’s no U.S. company better positioned to do that than Optronics International.”

To access high-resolution product images of the new STL68 nine-inch oval Combo Lamp, please visit: <http://www.optronicsinc.com/STL68gallery.html>

To view a product data sheet of the new STL68 nine-inch oval Combo Lamp, please visit: <http://www.optronicsinc.com/comingsoon-new.html>

To view Optronics videos, please visit: http://www.optronicsinc.com/media/2014fleet_video_brochure.ogv

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About Optronics

As America's largest offshore vehicle lighting manufacturer, Optronics is a trustworthy, high-quality, widely available alternative to domestic lighting manufacturers and import houses. Founded in 1972, Optronics International is a premier worldwide manufacturer and supplier of branded industrial and commercial vehicular safety lighting products. The company specializes in interior and exterior LED, incandescent and fluorescent lighting for the marine, RV, trailer, HD and transit vehicle markets. The Optronics product catalog is among the most extensive in the industry. Optronics is headquartered in Tulsa, Okla., with manufacturing facilities in Annan District, Tainan, Taiwan, and Muskogee, Okla., U.S.A. The company has distribution facilities in Elkhart, Ind., and Ontario, Canada.