

FOR IMMEDIATE RELEASE
July 11, 2023
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MEDIA ADVISORY

Optronics Introduces Uniquely Shaped MCL Series Marker/Clearance Lights

Optronics' innovative new, geometric MCL Series Marker/Clearance Lights flip the script on "penny-style" lights, offering a distinctive, high-style alternative while using the same 3/4-inch hole.

TULSA, Okla., USA (July 11, 2023) — [Optronics International](#), a leading manufacturer of vehicle harnesses, electronic control systems and LED lighting for the global transportation industry, today announced the release of its new innovative MCL2300, MCL20, and MCL16T Marker/Clearance Lights. The novel lights will enable trailer OEMs to create a signature, branded look for their vehicles and will provide broad customization options for owner-operators.

In a marked departure from the conventional, Optronics has introduced geometrically-shaped marker/clearance lights, giving customers the choice between round, oval, and rectangular shaped lights. Uniquely, these lights offer an increased light size while fitting into a standard 3/4-inch hole, courtesy of the included grommet.

“The MCL Series Marker/Clearance Lights we’re launching today are a testament to our commitment to innovation and to meeting industry needs and desires,” said Dustin Smith, vice president of sales for Optronics. “We are continuing to set the pace, providing diverse shapes and sizes to differentiate and elevate our customers’ vehicles, all while keeping the installation process uncomplicated.”

The PC-rated lamps can be used as combination side marker and front or rear clearance lights when mounted on an angle. The unique geometric optics spread light for an extraordinary bright appearance, delivering a reliable, high-quality lighting solution that enhances the look of any vehicle.

The three-diode MCL2300 lamp boasts a rectangular design measuring 2.31 inches wide, 1.43 inches tall and 0.64 inches thick. The three-diode MCL20 is an oval marker/clearance light measuring 1.875-inches wide, 1.5 inches tall and 0.5 inches thick. The single-diode MCL16T is a 1.25 inch diameter round light with a 1.31-inch profile, and stands out with its unique fluted lens pattern. All three lamps come hard-wired and are available in bulk and polypack packaging.

“The lights are versatile and easily installed without any need for retooling, maintaining the same manufacturing process that our OEMs are accustomed to,” explained Michael Whitman, director of production management for Optronics. “Despite the different shapes, they still fit into the 3/4-inch cut-out hole that’s become the industry norm, offering an effortless original equipment upgrade or an aftermarket replacement option.”

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The new marker/clearance lights are ideal for a variety of vehicles and applications, including work trucks, dry vans, reefers, box trucks and more. The optical design offers a brighter and more visually appealing look, significantly enhancing vehicle aesthetics and visibility on the road.

“And this is just the beginning. We will continue to expand this lighting line, developing future products that add auxiliary features, such as our supplemental turn and stop light functions,” Smith added.

The lamp’s lenses are made of tough polycarbonate material that is sonically welded and resistant to dust and moisture. The lamps employ a solid-state, surface-mount device (SMD) design that protects their electronics against moisture, shock and vibration. Like all LED products from Optronics, these lamps come with a no-hassle, one-diode lifetime warranty protection that will replace a lamp if even one diode fails.

The new MCL2300, MCL20, and MCL16T marker/clearance lights are in stock and available for shipping immediately.

Optronics products are available in the U.S. and Canada through the company’s extensive [distribution network](#) of more than 30,000 convenient distribution locations. Users can access individual Optronics distributor websites by simply clicking on their logo icons. For information on international sales and distribution of Optronics products, please contact Dorian Drake at +1 (914) 697-9800, or visit <http://doriandrake.com>.

To view high-resolution product images of the new MCL2300, MCL20, and MCL16T marker/clearance lights, please visit <http://www.optronicsinc.com/RESOURCES/ImageGalleries/3-4Upgrade.aspx>.

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About Optronics

As the fastest-growing vehicle lighting and harness manufacturer in the U.S., Optronics International attributes its success to delivering better value, better options and better systems to its customers. Founded in 1972, Optronics International is a premier worldwide manufacturer and supplier of branded industrial and commercial vehicular safety lighting products and premium, custom electrical wiring harnesses for commercial vehicle applications. The company specializes in electrical system and harness design and interior and exterior LED and incandescent lighting for heavy-duty on- and off-highway vehicles, armored couriers, light-to-medium-duty trailers, specialized vocational equipment, transit vehicles, RVs and marine equipment. The company’s patented USA-PLUS system provides the most advanced molded harness connections available in the market. The Optronics product catalog is among the most extensive in the industry. Optronics is headquartered in Tulsa, Oklahoma, and it has an IATF 16949-certified manufacturing facility in Annan District, Tainan, Taiwan. The company also has a plant in Winnsboro, Texas, and ISO 9001:2015-certified manufacturing and distribution facilities in Muskogee, Oklahoma, and Goshen, Indiana. Learn more at <http://www.optronicsinc.com>.