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Manufacturers' Directory

A List of Our Industry's Leading Manufacturers and Suppliers

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2021

PLUS Company Profiles

The Best of the Best? You Decide.

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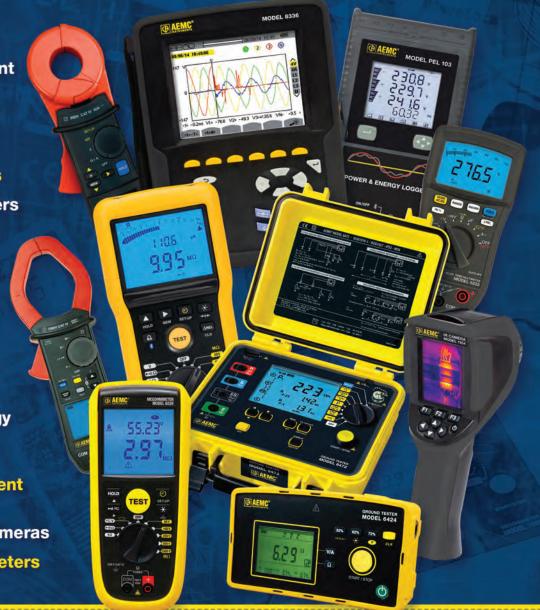
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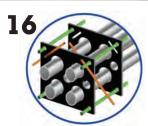




Company Profiles

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A List Of Our Industry's Leading Manufacturers and Suppliers

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Products & Solutions

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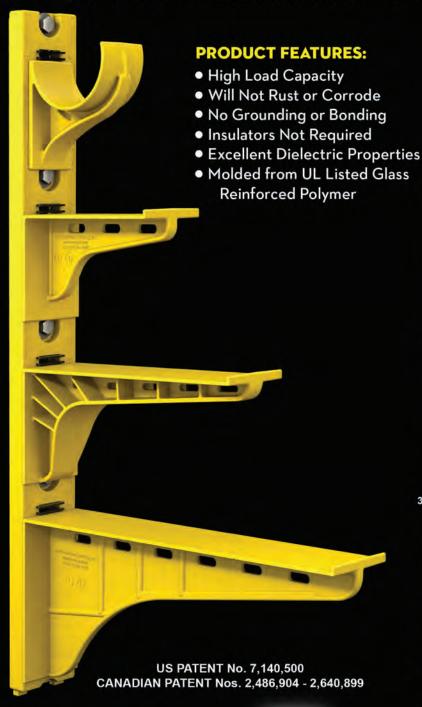
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HDL Arm Lock shown with RA04 Arm and CR36-B Stanchion



3HDS - 3" throat saddle shown with a cable secured by cable ties.



RA08 - 8" arm shown with three cables secured by cable ties.

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Protect Yourself

Miller Safety Consultants —

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Vince Miller started Miller Safety Consultants, a veteran owned business in 1999. The goal of the business was to provide cost effective safety consulting, employee training such as: confined space entry, fall protection, electrical safety and provide sales of electrical shock and flash protective equipment and fall protection equipment to businesses in the Washington DC area.

Reliance Industries provided fall protection products and much of the sales and training was on behalf of the supplier. In 2000, the owner decided to retire from his business, and Vince decided to discontinue the fall protection line of his business and concentrate more in the electrical training and products.

Vince had been a distributor for Certified Insulated Products (CIP), a manufacturer of electrical insulated tools and electrical arc flash clothing manufactured by Otex in Rochester, New York. As a distributor, Vince provided sales through his internet website and much through relationships with electrical contractors. His training was a classroom environment and was provided directly to customers but he also taught as a sub-contractor for other safety consulting companies and the

Chesapeake Safety Council in Baltimore, Maryland. In 2005, Vince partnered with Vivid Learning Systems in Cascades, Washington to provide on-line training in safe work practices.

Training in electrical safe work practices is still provided locally in the Washington DC area and as a partner with an electrical engineering firm and online. The training is based on the Occupational Health and Safety Administration (OSHA) standards and the National Fire Protection Association (NFPA) 70E standard.

Miller Safety Consultants is now a distributor for Cementex USA, Burlington, New Jersey, for insulated tools and equipment and clothing from OTEX Protective, Rochester, New York.

The majority of his sales of products are from the web-based store. Cementex is

nationally known for their quality equipment. Otex Protective is becoming more known for their quality clothing. For years, they have manufactured their products under other provider labels. Vince chose to not create his clothing line, but to sell the manufacturer product.

Vince has worked with many electrical company employees to fine-tune the clothing to be more comfortable for the user. Working closely with the manufacturer, they have made slight changes in how the cloth pattern was modified to meet final production. An example is the lightweight 40 Calorie vented hood offered by Otex.

The material is of the latest technology. The vented assembly is constructed for balance on the back of the hardhat and the airflow is 27 CFM to prevent fogging of the face shield and provide cooling to the worker. It took over a year to develop the product with the user prior to having the hood "flash tested". This product is now standard issue with many electrical contractors.

Being a small business and having quality providers has resulted in satisfied customers for Miller Safety Consultants. Being a direct supplier for OTEX Protective, another small business means customized customer needs can be met.

For more information, visit
Miller Safety Consultants at:
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Generator InterLock Technologies, LLC

Generator InterLock Technologies, LLC, is a small-based company that manufacturers and sells its products across the country. The company was founded after Hurricane lsabel hit the east coast in 2003. The product was developed to meet the need for a safe way to use portable generators to power homes in the event of power loss.

The initial inspiration for the product came from a persistent friend of an electrician working for Master Electrical Services. As electrical contractors, they had seen various unsafe and illegal methods that people had used to try to power their houses with their portable generators. The electrician set out to develop a product that would meet National Electrical Code requirements and at the same time be cost effective and convenient for the homeowner. From that original inspiration came a new company: Generator Interlock Technologies or GIT.

The Interlock Kit is a simple safety product that locks out the Main breaker in the existing home panel and allows for the portable generator to power the home through a back feed generator breaker. While many electrical inspectors liked the product; they all agreed that the product would have to be listed to UL standards. After thousands of dollars in fees, rigorous tests, a year of changes and modifications, the Interlock Kit was finally approved for production to be used with panels listed under UL Standard 67.

The company started filling orders in early 2005, using Master Electrical Services as its basis for customer awareness.

Starting with a few kits that fit the most recent Square-D and Cutler Hammer panels, the offerings grew to over 30 different models in less than one year. Generator Interlock Technologies now has kits for panels from 30 years ago to the most current and they continue to add new kits to meet their customer's needs. While contractors in Florida and the North East are the biggest customers, Interlock Kits have been sent throughout the United States and parts of Canada. Whether the power loss is due to costal hurricanes or from crippling ice storms in the northern, GIT has a kit that will allow customers to keep the power on in their homes.

The Interlock Kits are designed to be installed by licensed electricians and are cost effective for both the customer and the installer. Other products on the market such as generator sub-panels and transfer switches require extensive rewiring of the home panel, often taking the electrical contractor 6 to 8 hours to install. With the Interlock Kit, a qualified electrician can install a complete system in 2 hours or less by simply mounting the correct kit to the face of the panel and wiring a gen-

MAIN

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BY THE RESIDENCE

TO RESIDENCE

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erator convenience outlet to a breaker installed in the panel.

To use their portable generator, a homeowner plugs an extension cord from their generator to the new generator convenience outlet. He then starts the generator, turns off the main breaker, slides the Interlock Kit, turns on the generator breaker and selects the circuits for use up to the capacity of the generator.

Generator Interlock Technologies' Kit is a defining safety product that has been recognized as a Innovation Award Winner by *Electrical Contracting Products* magazine and one of the Top Products by *Electrical Products and Solutions* magazine.

Generator Interlock Technologies, LLC, has taken a problem of safety and convenience and developed a system to keep danger and expenses to a minimum. Starting with an idea of helping a friend in need, to helping thousands across the country, GIT continues to grow due to its commitment to deliver a quality product. Visit www.interlockkit.com for a complete list of products and details.

With the Interlock Kit, a qualified electrician can install a complete system in 2 hours or less by simply mounting the correct kit to the face of the panel and wiring a generator convenience outlet to a breaker installed in the panel.

INTERLOCKKIT

A Generator InterLock Technologies Product







Generator InterLock Technologies

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Home Panels with the INTERLOCKKIT

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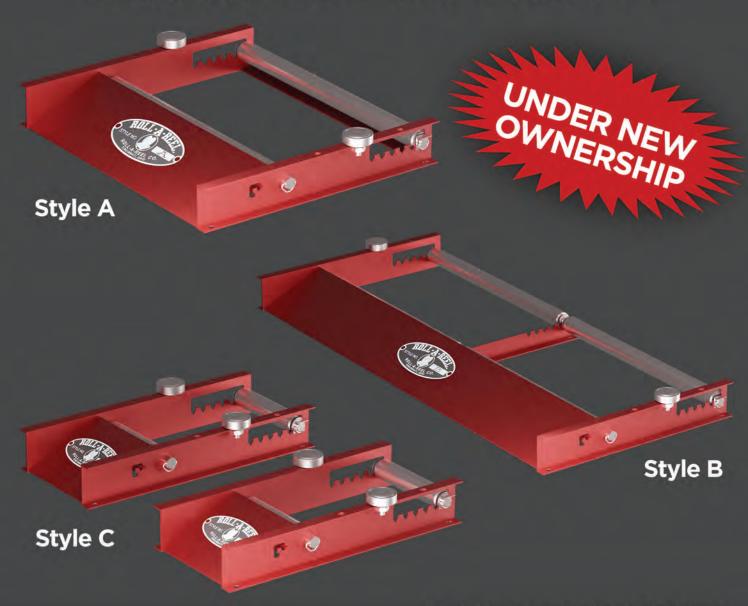


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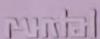


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AEMC® Instruments

operations in Dover, NH and Foxborough, MA began operations here in 1976 in downtown Boston. As a legal entity, AEMC is Chauvin Arnoux®, Inc. d.b.a. AEMC® Instruments and is affiliated with Chauvin Arnoux SA in France founded in 1893 and today is still a test and measurement instrument industry leader. Our products are backed by over 125 years of experience in test and measurement equipment, and encompass the latest international standards for quality and safety.

AEMC manufactures professional electrical test and measurement instruments for the industrial, commercial and utility marketplace. Product reliability, excellent customer support and expert technical assistance are our top priority.

AEMC® is the worldwide industry leading manufacturer of current measurement probes and is an industry leader in ground resistance testers, insulation resistance testers and power quality, and power energy meters and loggers. Our full product line also includes clamp-on meters, ratiometers, power meters, harmonic power meters, data loggers, thermal imagers, lightmeters, oscilloscopes, micro-ohmmeters and numerous other electrical test tools.

Our Megohmmeter line finds its roots in the early 1900s when Chauvin Arnoux introduced it's first model made from a galvanometer and a decade resistance box combined with a DC power source. Today, AEMC's megohmmeters are digital and incorporate many intelligent features. Timers, alarms and variable test voltages are standard features. AEMC has introduced a unique line of professional 1000, 5000, 10,000, and 15,000 volt megohmmeters with added features, such as: data storage; automated tests and results (internal calculations of DAR, PI, DD and other factors); PC Control; and report compliant software.

Our Ground Tester line finds its roots in the early 1930s. A null balance galvanometer, a decade resistance box and a DC power source combined to make one of the first ground testers on the market. Over 20 years ago, AEMC revolution-

ized the ground testing market by offering clamp-on ground resistance testers, eliminating the need to disconnect the system to test it and eliminating the need for auxiliary rods to do the test. Several generations of improvements and additional features has strengthened AEMC's position as the industry standard and leader in clamp-on ground resistance testers.

We again led the way in fall-of-potential ground testing with the introduction of an automatic tester in 2006 that automatically locked onto the optimum frequency to test at and calculated all test results for soil resistivity, ground resistance earth coupling and bond resistance, as well as, stored the test data and generated computer reports including fall-of-potential plots. Our latest introduction, a tower test system, again is an innovative design providing the ability to test tower grounding systems with out de-energizing them or removing the overhead ground conductor, saving considerable time and money and improving operator safety.

AEMC's line of current probes has long been the standard for Power Quality analysis with the world leaders in power quality instruments standardizing on these probes for their current measurement source. We also manufacture and sell a wide variety of Power and Power Quality measuring instruments ranging from clamp-on meters to single and three-phase power quality analyzers and digital power meters.

AEMC's DataView® software designed to configure instruments, run tests, download and store results and generate final reports was added to the product offering in late 1990s. Today DataView® is compatible with our Megohmmeters, Ground Resistance Testers, Micro-Ohmmeters, Power Quality Analyzers, Power and Engery Loggers, Data Loggers and Multi-meters, thus offering the user a standard for interface and control to all it's products eliminating the need to learn new software every time. Additionally, tablet and Smartphone Apps based on the Android platform are now available free of charge for our



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power, ground and clamp-on products.

In addition to its product offering AEMC offers a one day accredited course in ground resistance testing. The Ground Resistance Testing seminar is designed to give the attendee all the information needed to understand proper sizing and testing of grounding systems. Through a combination of classroom instruction and hands-on demonstrations, they will learn the various types of ground resistance tests, the proper application for each test and how to correctly operate the equipment used in conducting these tests. In addition, the student will have all the information to conduct ground resistance testing correctly and efficiently, saving them substantial time and money in the future. Since the pandemic, AEMC has added live webinars on ground resistance, insulation resistance and power quality. We also offer FREE 1 hour informational webinars on these and other subjects.

Sales and marketing are located in Foxborough, MA while production, product service and NIST calibration are located in Dover, NH. AEMC® products can be purchased through a worldwide network of distributors who can be found on our website at www.aemc.com. We also offer custom products on an OEM basis.

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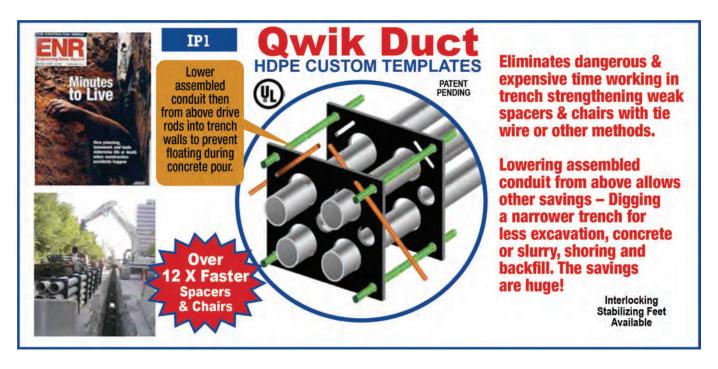
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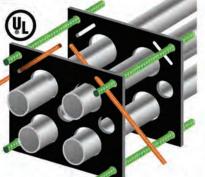
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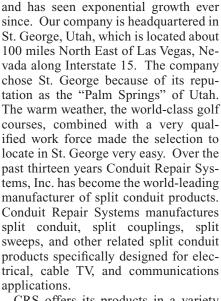
Conduit Repair Systems, Inc.





he old saying, "necessity is the mother of all inventions" holds true for Conduit Repair Systems, Inc. Our split conduit products were originally designed and developed by a cable TV technician and his father in-law that worked as an engineer. The technician found that he needed a repair product that truly restored damaged PVC pipe to its original state. The technician did some research and found that what he needed didn't exist at the time. The two men then developed our patented snap together split conduit products. Since the early days of the company, many additional applications for the products have since been discovered including enclosing exposed cables, relocating aerial lines to underground, enclosing cables on bridges, protecting cables on telephone poles, enclosing fiber optics, and relocating cables along roads.

Conduit Repair Systems, Inc. formally began business operations in 1995



CRS offers its products in a variety of sizes including 1 inch, 1 $\frac{1}{4}$ inch, 1 $\frac{1}{2}$ inch, 2 inch, 2 inch, 3 inch, 4 inch, 5 inch, and 6 inch.

Conduit Repair Systems, Inc. executive staff consists of highly qualified professionals. The President of the company, David Clove, is a CPA and is also a former Finance Manager for Arizona Public Service. Our National Sales Manager, Paul McMullin, brings twenty years of industry sales experience to the company. All of our manufacturing personnel also have many years of professional experience in the plastics industry.

CRS currently services public utilities, rural electric associations and coops, cable TV companies, telephone companies, and electrical contractors through a wide range of distributors located throughout the United States, Canada, Mexico, Japan, Europe, and the Middle East.

If you would like more information regarding our company you can obtain additional information at our website located on the Internet at www.conduit-repair.com.

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Topaz Lighting has expanded their commercial lamp line with the addition of PAR38 Commercial Lamps, available in 26W dimmable or 33W universal voltage (120-277V) configurations. Topaz PAR38 Commercial Lamps have been developed for use in indoors and outdoors. Ideal for commercial and hospitality applications, these lamps can enhance any space when used in recessed, track, security, and landscape lighting.

Michael Neary, Topaz's Senior Lighting Product Manager said, "These lamps have been designed with an integrated commercial grade heat sink for optimal heat dissipation, especially when used in enclosed spaces. They also feature a shatter-resistant plastic lens and are wet location rated, making them a durable choice for any environment."

Topaz PAR38 Commercial Lamps boast a color rendering index of 90 and are also Title 20 and Title 24 JA8 compliant for use in the state of California.

As an additional incentive, Topaz's LED PAR38 Commercial Lamps are rebate-eligible in major markets across the country including: New York City, Phoenix, Dallas, Los Angeles, Chicago, San Antonio, and Las Vegas. All rebates must be verified by the local utility provider. Please visit https://www.topaz-usa.com/rebate-finder to see if rebates are available in your market.

Topaz is a leading manufacturer of electrical fittings, traditional lighting, ballasts, LED fixtures and lamps.

For more information, visit www.topaz-usa.com

Robroy Stainless™ Electrical Raceway Systems Provide Choices to Fight the Costly Risks Of Corrosion and Contamination

Robroy Stainless[™] provides users of electrical raceways the first complete electrical infrastructure system featuring stainless steel conduit, fittings, and accessories to minimize both corrosion and contamination.



Because of differences within environments, Robroy Stainless™ offers two innovative stainless steel product families --- "Traditional" and "Hygienic" --- to optimize value by best meeting the conditions of specific applications.

Robroy Stainless™ Traditional

This product solution is for the highest level of corrosion protection in the harshest environments. Among its many benefits: an electro-finish polish on conduit bodies improves corrosion resistance, enhances cleanability and provides aesthetically pleasing appearance. Center aligned threading of conduit ensures environmental and safety rating conformance of the installed system. Oversized stainless steel cover screws are designed to maintain a superior environmental rating and eliminate the hassle associated with screw breakage. Conduit bodies include nitrile gaskets rated for protection against dirt, rain, sleet, snow, windblown dust, splashing water and hose-directed water.

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This product solution is for the highest level of corrosion protection in environments where hygienic (sanitary) performance is critical. The sealed system provides ingress protection against dust and high pressure/high temperature spray for added safety and sanitation within plant operations. Easily identifiable by the Robroy® Hygienic symbol these products feature a patented hygienic-designed conduit body and cover to maximize cleanability and minimize buildup of contaminates within the installed system. Conduit body lids come with FDA-compliant blue (non-food color) silicone gaskets and utilize mechanical stops to guarantee optimized compression for environmental ratings. Additional attributes include center aligned threading of conduit and a circular gasket that ensures environmental and safety rating conformance of the installed system. A specially designed captive screw retention and gasket system eliminates risk of ingress and contamination.

For more information, visit www.robroy.com

ICC Introduces 28" Plastic Residential Wiriing Enclosures

ICC is introducing a new line of 28-inch plastic residential enclosures. The new design aims for simple installation, compact storage, easy transportation, and is built to meet residential requirements for structured wiring and media outlets. These new enclosures come packed with standard features from previous models as well as some new benefits.

- 1.2 cu ft box reduces storage space and shipping cost by 50%.
- Two-piece design with a simple 10-second tab assembly.
- Reversible, vented doors included.
- · Bezel frame to cover rough drywall edges.
- 0.1" thick plastic is 18% stronger than the big brands' offerings.
- ABS plastic construction improves Wi-Fi range.
- Universal hole pattern accommodates most push-pin modules.
- 8-Port CAT6 data module.
- 8-Port telephone module with RJ-31X jack.
- 1x6 2 GHz video splitter module.
- Built-in power knockouts (AC power outlet not included).
- UL Listed and TAA compliant.

With all these features, the 28-inch plastic residential wiring enclosures make an ideal solution for new construction and renovation projects. ICC offers two models: Model W - Voice and Data (ICRESDP28W) and Model K - Voice, Data, and Video (ICRESDP28K).

For more information, visit https://icc.com





New Linear LED Grow Light from Barron Lighting Group

Barron Lighting Group, the parent company to Growlite indoor and greenhouse horticultural lighting, announces the addition of the TERRA Linear LED Grow Light.

"Barron Lighting Group is excited to announce the newest horticultural lighting solution to our product family – the TERRA Linear LED Grow Light. This versatile, multi-application LED fixture features a low profile making it ideal for greenhouse and warehouse grows," said Heather McCune, Vice President, Sales Operations of Barron Lighting Group.

The 600W TERRA Linear LED Grow Light is a high-performance, highly versatile, energy-efficient horticulture cultivation LED fixture. Perfect for both greenhouse supplemental lighting and warehouse single-level indoor cultivations. The slim profile and small form factor power supply provide minimal shadow and easy installation. The 120° beam angle provides superb even light distribution. A well-balanced red-to-blue full-spectrum provides deep canopy penetration and quality results. The TERRA is IP65 rated and cETL Listed for Wet Locations.

For more information, visit growlite.com/terra

new PRODUCTS



MaxLite Introduces c-Max Lighting Controls and Controls-Ready LED Fixtures

MaxLite recently announced the launch of c-Max Lighting Controls, a patent pending design that makes it easy to add luminaire-level lighting controls to indoor and outdoor applications.

By purchasing c-Max low voltage sensors along with MaxLite controls-ready luminaires, customers can achieve energy savings beyond LED conversion in the most simple and affordable way. MaxLite controls-ready luminaires come pre-configured with a USB-C receptacle that c-Max sensors can be plugged into during installation, or in the future, to achieve motion sensing, daylight harvesting, high-end trim, bi-level dimming and photocell control. Commissioning is done via remote control or an app to add basic or networking controls functionality. Control capabilities can be upgraded to the latest generation technology just by swapping sensors — no need to remove the fixture!

MaxLite is introducing indoor and outdoor controls-ready LED fixtures (-CR Series) that are compatible with c-Max sensors. The line includes FlatMax Flat Panels, Troffer Retrofit Kits, LS Series Linear Strips, WallMax Open Face Wall Packs and AR Series Slim Area Lights, with more product families on the way. Sensors and remote controls are sold separately; see individual product datasheets for available controls options and ordering information.

"The benefit of c-Max is that it is simple, versatile and future ready," said Umesh Baheti, senior vice president of product management, engineering and supplier relations. "The plug and play interface allows for field installation of sensors, so customers who purchase controls-ready luminaires can install energy-saving controls at any point, as well as upgrade from basic controls to network controls without having to change the lighting or call in an electrician. c-Max packs many energy-saving features into a small form factor that stretches across both indoor and outdoor applications, providing facilities with a total site solution for lighting controls."

For more information, visit www.maxlite.com/cmax

Bridgeport's Raintight, Threadless, Rigid Fittings Are Ideal for Wet Exposed Locations

Bridgeport Fittings' raintight, threadless, rigid connectors and couplings save time when installing threadless, rigid conduit in a wet location. The Fittings' 3000-RT and 3100-RT Series are compression-type fittings used to join unthreaded steel rigid conduit to a box or enclosure in a wet location, such as parking garages, loading docks, warehouses and transit facilities.

The raintight Fittings come in 1/2-inch through 2-inch trade sizes.

Bridgeport Fittings' products are cULus listed to ensure code compliance, and with its wide selection of fittings, Bridgeport has a connector, coupling or transition fitting to meet everyone's needs.

Bridgeport Fittings is a leading manufacturer of quality fittings to the industrial, commercial and residential channels of the electrical industry. Bridgeport's completely stocked selection of quality electrical fittings and innovative product solutions are available from major electrical distributorships across the U.S. and Canada.



For more information, visit www.bptfittings.com



Klein Tools® Introduces Wire Stripper/ Cutter with Comfort Grip and Updated Lock

Klein Tools, for professionals since 1857, introduces the Klein-Kurve® Wire Stripper/ Cutter, a durable stamped wire stripper with six stripping holes and shear blades for cutting, plus a comfortable grip and updated lock.

Klein-Kurve® Wire Stripper / Cutter, 8-20 AWG (Cat. No. K11095)

- Six stripping holes for 8-18 AWG solid and 10-20 AWG stranded wire
- Narrower head geometry gets into hard-to-reach places
- Screw shearing holes for 6-32 and 8-32 bolts
- Precision, shear-like blades provide clean cuts
- Dual wire looping holes
- Updated lock stays out of the way
- Coil spring provides fast self-opening action
- Klein-Kurve[™] comfort grip handles with extended tool coverage

"In designing this wire stripper/cutter, Klein Tools engineers looked to make a tool that both solved a problem faced by trade professionals and was also comfortable and easy to use," says Dan Pearson, senior product manager at Klein Tools. "The six

stripping holes as well as the cutter both reduce the number of tools and accessories a tradesperson has to carry around, making it easier to work quickly and stay organized. The updated lock stays out of the way, meaning the tool won't spring open when not in use, and the extended handle grips make this stripper/ cutter comfortable to use for hands of any size."

For more information, visit www.kleintools.com

Sun Filled™ LED Bulb

GE Lighting, a Savant company is introducing a new, first-of-its-kind sun filled™ LED bulb that can help maintain the body's circadian rhythm that helps with energy during the day and restful sleep at night. The new bulb does not emit the invisible blue spectrum peak present in many artificial light sources that can interfere with a productive night's sleep.

Out of all of our products, this bulb is the closest to natural sunlight (which we're all needing a bit of these days!).

Here are the highlights:

- Delivers a high CRI value of 97 to render colors that look much like they would appear in natural sunlight, resulting in a beautiful, clear light that brings out the color in home décor
- Emits a spectrum that is closer to sunlight than ordinary LEDs by eliminating the 450-nanometer wavelength (the blue spike) present in many artificial light sources.
- Get favored soft white light all day long without the need to change light temperatures when calling it a night.

Where to buy: Launching are A21 and BR30 GE sun filled LED bulbs ranging from \$13.99 to \$15.99 MSRP. The bulbs are available in soft white and daylight options and can be purchased at Lowes.com now and at more than 100 Lowe's® stores across California and Nevada. The bulbs are also available through Amazon.

For more information, visit www.gelighting.com







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Omni**Max**[™] LED Replacement Lamps

Beautiful light with the performance and connectivity today's cities demand. Its compact, omnidirectional design means OmniMax installs effortlessly into your existing decorative fixtures.



No other LED retrofit does what OmniMax can do: Photocontrol Failsafe, Bluetooth controls, a wide range of CCT and a 10-year warranty will make this your best lighting investment of 2021.

- silicone optics for diffuse, low-glare light
- installs in any direction: up, down, horizontal
- active cooling & 4 layers of thermal management
- · dimmable with ConnectLED, set dimming schedule
- offered in 6 CCT: 2000K-5000K
- 20kV-10kA surge protection
- radial light engine emulates HID burn center using the refractor's optical design the way it was intended!









The SolaHD™ SDU AC - B Series DIN Rail UPS by Emerson are perfect for mitigating power quality issues, minimizing loss of data and downtime. The SDU AC - B combines an industry leading compact design, wide operation temperature range, enhanced communication and unique installation options to solve common application problems.

- Wide temperature range to protect against shortened battery life, the field replacable battery rated from 32 °F to 122 °F (0 °C to 50 °C). The high-temperature grade components and an advanced battery management system, add long-term reliability in high heat environments.
- Optional network communications that support all major protocols, including EtherNet/IP™, Modbus®, Profinet or EtherCAT. The integrated communication port supports both active protocols and passive relay modules, making it suitable for both basic analog or protocol dependent applications that require large I/O data transfer, fast network cycles and synchronization.

Learn more at: Emerson.com/SolaHD









Passive Comm Card



