

Electrical Products & Solutions

SEPTEMBER 2026

The Purchasing Guide for Electrical Contractors

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A large yellow biplane is the central focus of the image, displayed in a museum setting. The plane is suspended by a red rope barrier supported by silver stanchions. In the background, other aircraft are visible, including a red biplane and a white biplane. The museum has a high ceiling with exposed pipes and lights. A large, white, dome-shaped structure is hanging from the ceiling. The floor is polished and reflects the lights.

**Power Quality Protection
for LED Lighting at Tulsa
Air & Space Museum**

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**NEW
PRODUCT!**

IP10a

EZ STUB-UP

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with strut to support and
secure multiple stub-ups
on wooden forms before
concrete pour for sizes
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stub-ups with SP's Nylon
Support Brackets and
transition to RGB with
our transition couplings.

IP1

Qwik Duct Safer Better Faster

**IP3b
IP3c**

HDPE CUSTOM TEMPLATES
In Any Configuration Required

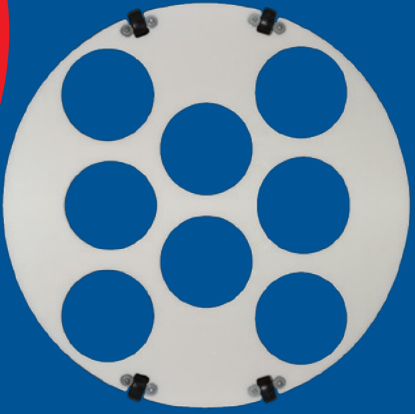
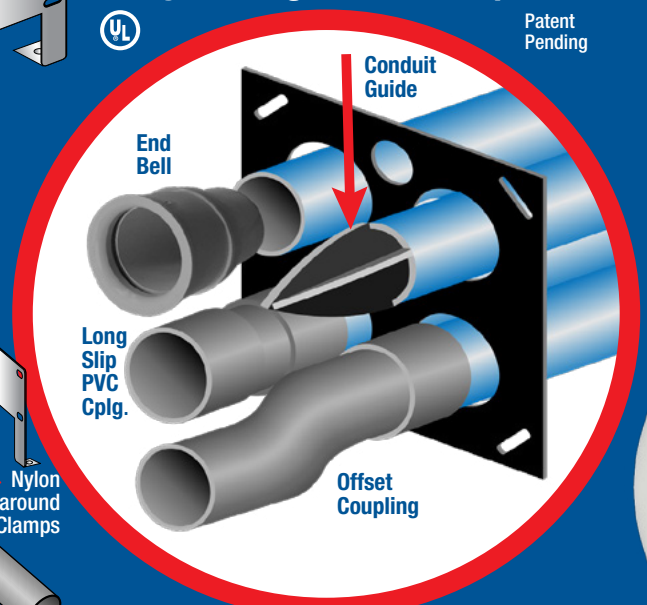
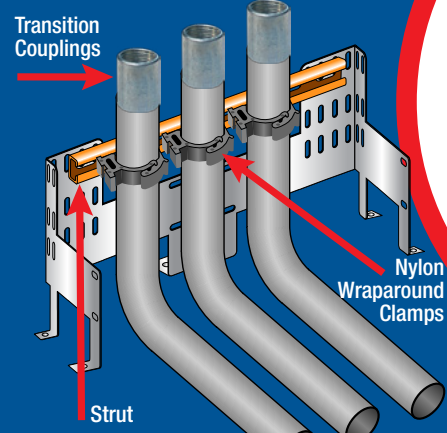
PVC Offset

Sizes 1/2" thru 6"
Meets Flexible
Madel Test
Requirements

Bore Spacers

Sizes 1/2" thru 6"
Roll assembled conduit
into caissons and under
obstructions

IP2a



IP13a-p

Conduit Transition Couplings



IP3a

**End Bell
Adapter**
Schedule
40/80 PVC

UL
Patent
Pending

UL

PVC schedule 40 & 80
Transitions in Less Than
5 Minutes

Patent
Pending

Patent
Pending

Save Cost on the Rigid Nipple, Tape & Labor
Use for Entire Job - Not Just for Repair

IP15

**1 Piece
Reaming Bit**
1/2" thru 6"
Schedule 40/80

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COMPANY PROFILE

6 Protect Yourself
Miller Safety Consultants —
A Leader in Arc Flash Protection
BY VINCENT MILLER

COVER STORY

**8 Power Quality Protection for LED Lighting
at Tulsa Air & Space Museum**

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ON THE COVER

Photo courtesy of Mechanical Ingenuity



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STEP 1
Remove damaged
conduit



STEP 2
Cut split duct
conduit to fit



STEP 3
Snap in
place

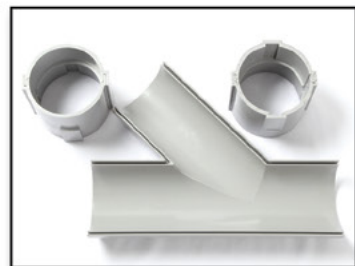
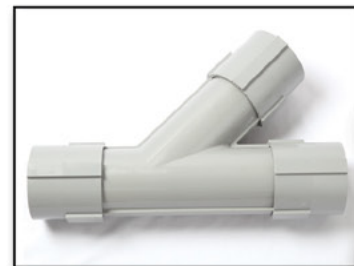
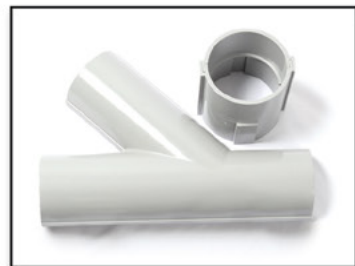


STEP 4
Attach
adapters



STEP 5
Finish job in
record time

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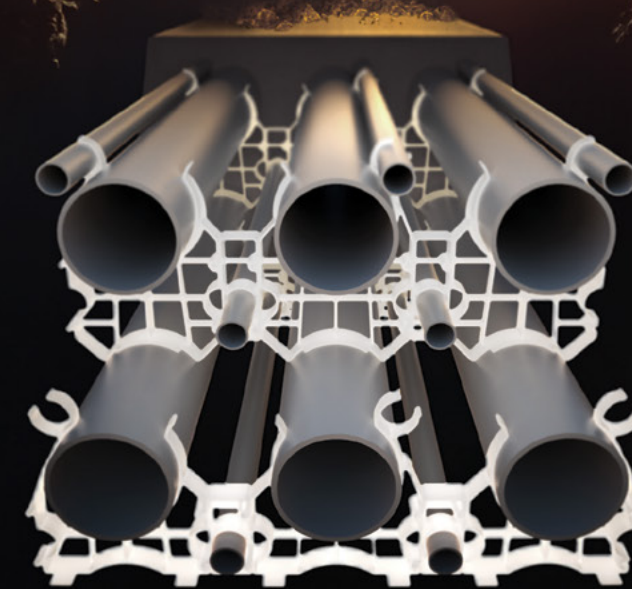
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Miller Safety Consultants — A Leader in Arc Flash Protection

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. □

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Miller Safety Consultants at:
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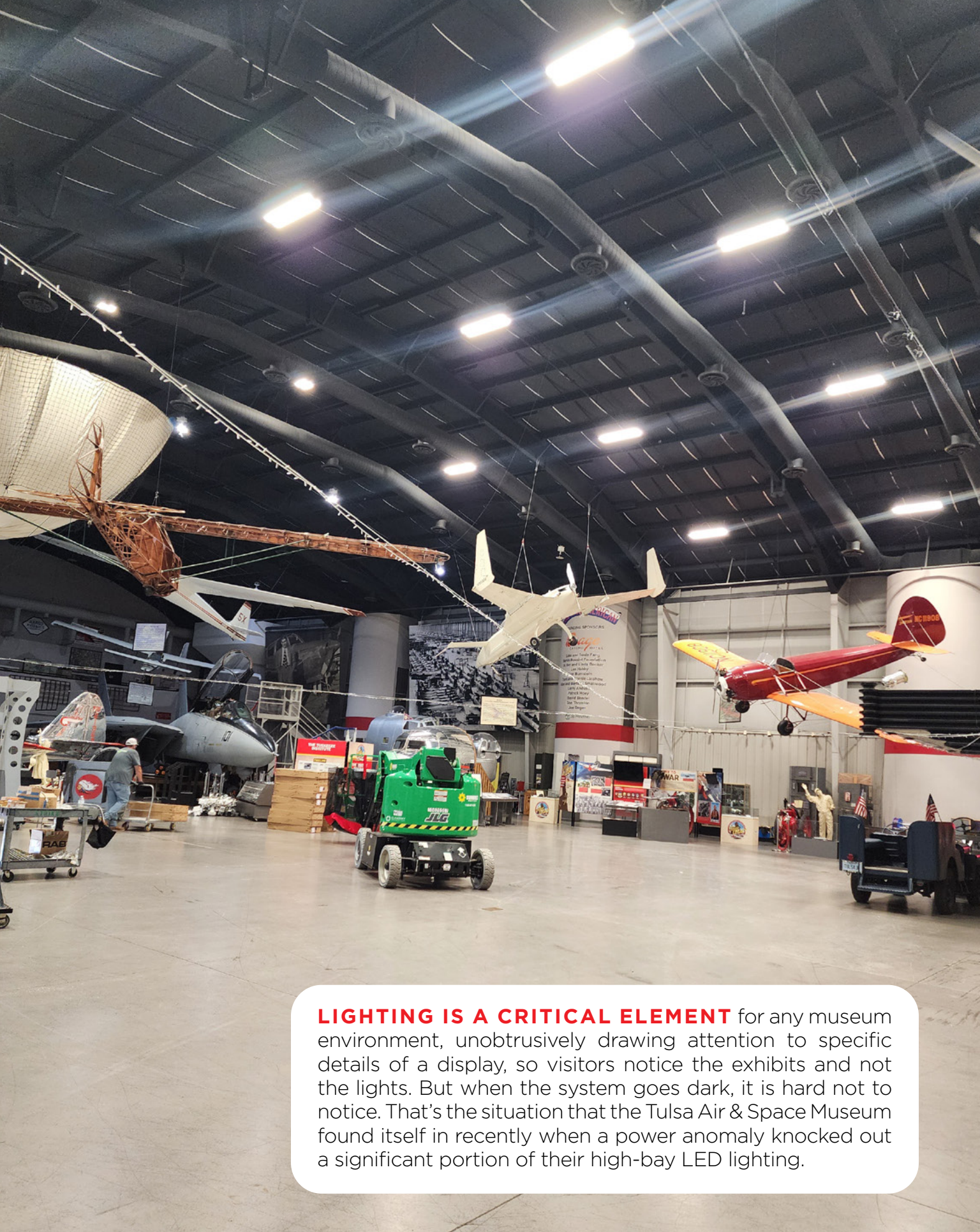


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Power Quality Protection for LED Lighting at Tulsa Air & Space Museum



LIGHTING IS A CRITICAL ELEMENT for any museum environment, unobtrusively drawing attention to specific details of a display, so visitors notice the exhibits and not the lights. But when the system goes dark, it is hard not to notice. That's the situation that the Tulsa Air & Space Museum found itself in recently when a power anomaly knocked out a significant portion of their high-bay LED lighting.



Without active monitoring of the system, it was impossible to determine the exact cause of the disturbance at the time, which made it difficult to avoid a repeat. Today, Wavecrest devices protect the museum's facility against a wide range of anomalies, helping ensure visitors can continue to ignore the lighting while they enjoy the exhibits. Before a solution was in place, the

museum dealt with the immediate issues caused by the failure. Facility managers never look forward to replacing lighting, especially when fixtures are mounted 50 feet above the floor and require specialized equipment for access. In the facility's 18,000 square foot, hangar-style building, at least 70% of their high-bay LED lighting was out, causing an expensive and disruptive problem.

Tyson Taussig, a Tulsa-based lighting distributor with Broken Arrow Electric Supply, helped the museum investigate and determine the next steps. The lights were a combination of different LED fixtures, having been slowly replaced over a period of years. They were installed high in the hangar and maintained using a narrow jib, 40-foot electric articulating manlift. Due to the



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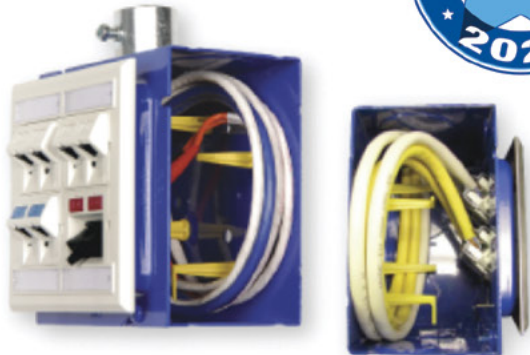
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- SAVE LABOR...INCREASE PROFITS
- FACILITATES MIN. BEND RADIUS REQUIREMENTS
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number of systems affected, the problem was chalked up to a likely power event, but concerns remained when a clear cause was not immediately apparent. Replacing the fixtures was expensive, time-consuming, and disruptive to operations. In addition, traditional surge protectors do not shield fixtures from this type of event. To reduce the risk of repeat failures, Taussig and his team

decided to safeguard the lights at the circuit level using Wavecrest devices.

Treating the Issue as a Power Quality Problem

On this project, Taussig was responsible not only for coordinating replacement fixtures, but also for helping the museum find a solution. “We knew that if something like this

happened again, we were going to be right back up in the air replacing fixtures,” said Taussig. “That wasn’t a situation anyone wanted.” Beyond the fixture replacement, his team also evaluated how to safeguard the lighting circuits from future power quality issues.

Based on the extent of the outage and the range of affected equipment,



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the issue was treated as a power quality problem, and the team focused on preventing a repeat occurrence. Power disturbances can originate from the utility or from within a facility, and they often occur without warning. Surges, sags, swells, transients, overvoltage, undervoltage, and electrical noise are all common contributors to poor power quality, often referred to as “dirty power.” In modern facilities, sensitive electronics such as LED lighting and controls, as well as building systems and communications equipment, can be affected. For the museum, this made localized circuit protection a practical way to reduce exposure and add reassurance.

Selecting a Circuit-Level Protection Strategy

Taussig first learned about Wavcrest at LightFair 2025. Their unique, multi-stage design uses a patent-pending array of MOVs, capacitors, chokes, and transformers to guard against surges (with a let-through voltage of only 10%), radio frequency interference, transients, notching, noise, and flicker, to name a few. It also provides dedicated overvoltage protection. If an overvoltage or undervoltage occurs, such as when power comes back online after an outage or a neutral wire is accidentally disconnected, the unit opens the circuit, preventing damage to both the connected equipment and the device itself. A built-in digital display provides real-time voltage and amperage readings, supported by diagnostic indicator lights that signal load status, power presence, and high-voltage conditions.

For the museum project, the Wavcrest units stood out as a circuit-level solution that could be applied directly to lighting circuits without requiring changes to a facility’s entire electrical system. By combining

surge suppression, transient voltage protection, electrical noise filtering, and automatic shutdown in a single device, the units provided comprehensive protection targeted at the lighting circuits. The goal was to reduce exposure to future disturbances and limit the likelihood of repeated museum callbacks, which was especially valuable when access was difficult and disruptions were costly. While the local power authority later determined that interference from wildlife had caused this outage, the Wavcrest devices now deliver circuit-level protection to guard against a wide range of unpredictable power disturbances.

Installation on Existing Lighting Circuits

Wavcrest units feature patent-pending technology. Rated for use on circuits up to 30 amps and compatible with common commercial lighting voltages, including 277 volts, they can be integrated into existing lighting panels. Protection for the LEDs at the museum was added to four existing circuits using four 208-volt Wavcrest units, with each device tied into an existing 20-amp breaker. The electric panel is housed in a storage area build-out within the museum space, so no special equipment was needed for access. The installation was completed by Strike, a local electrical contractor for the project. “There were no issues. The install was straightforward,” says Casey Smith, the electrician who performed the work. “All four breakers passed through the Wavcrest units.”

While on site, the Strike team upgraded the lighting system with automated controls. Previously, lighting in the hangar was controlled manually using toggle switches inside the panel. Museum staff manually turned the lights on at the beginning of the day and off at closing. “We added convenience and energy savings,” Taussig says,

“with scene control and automatic time schedules.” The museum also has a custom light setup for security camera visibility at night and special events outside normal business hours.

While the controls added convenience and energy savings, the power quality protection work went ahead independently and did not affect the project’s schedule. “The Wavcrest units didn’t hold up the job at all,” he said. “Our lighting, controls, and other equipment took much longer.” Smith estimated that with a clear panel and familiarity with the product, each unit could be installed and in service in roughly an hour. Each one draws approximately three watts of power and includes onboard indicators that show power status and fault conditions.

Preventing Repeat Failures

At the time of installation, the museum was not checking power quality conditions on an ongoing basis. The units were installed based on the scope of the prior damage and the operational challenges associated with future failures. “We’re not watching it day to day,” Taussig said. “This was a preventative step. It was about safeguarding those circuits, so this doesn’t happen again.”

By installing circuit-level power quality protection on the lighting circuits serving the high-bay fixtures, the project team addressed the most immediate risk without overhauling the building’s electrical infrastructure. Repair costs and operational disruption can escalate quickly when lighting systems fail. This makes circuit-level protection a practical loss-prevention measure that helps reduce the risk of repeat damage from unpredictable power events. For a facility where fixture access is difficult and lighting failures are disruptive, the focus was simple: protect the fixtures and avoid having to do the same work twice. □

ABOUT MECHANICAL INGENUITY

For over 30 years, Mechanical Ingenuity has designed and manufactured high quality products in disciplines such as pump controls, chiller pressurizers, LED lighting products, and installation. Located in Eatontown, New Jersey, their products are used by many Fortune 500 companies and in 24 countries around the world. In addition to Wavcrest, they manufacture PREVAC and PREVAC Portable pressurizers for low pressure chillers, private label controls, provide turnkey LED lighting retrofits, and wholesale LED lighting products. For more information visit www.MechanicalIngenuity.com, call (732) 842-8889, or email info@1mic1.com.



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AMERICAN CONDUIT® APPOINTS NEW REGIONAL MANAGER

Hydro Extrusion North America has appointed Kevin Watkins to the role of Regional Sales Manager for the company's American Conduit® product brand.

In this role, Watkins will be responsible for conduit sales in the Eastern U.S. including nine agent territories from Florida to New England.

Watkins joins American Conduit from the Commodity & Project Sales Team with Synergy Electrical Sales. He has also held roles as the Eastern US Director of Sales for Cerrowire and Northeast Regional Sales Team Leader

for Kris-Tech Wire. Before transitioning into sales leadership, Watkins spent several years as an electrician and estimator for Brendan Stanton Inc. and Anton Electric. This foundational time in the field gave him a deep, practical understanding of blueprints, project specifications, and the electrical industry from the ground up.

With over 25 years of experience in the electrical market, Watkins brings significant knowledge and experience to the American Conduit sales team.

Watkins holds a Bachelor of Business in Marketing degree from Southern Vermont College. □



Watkins joins American Conduit from the Commodity & Project Sales Team with Synergy Electrical Sales and with over 25 years of experience in the electrical market, Watkins brings significant knowledge and experience to the American Conduit sales team.

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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.

US PATENT No. 7,140,500
CANADIAN PATENT Nos. 2,486,904 - 2,640,899

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Emerson Updates Turbomachinery Protection and Asset Health Monitoring for Safer Operations

AMS 6500 ATG version 5.0 and AMS Machine Works version 2.4 software enable continuous data streaming for deeper startup and shutdown analytics

Emerson, a global automation leader, has announced updates to both its AMS 6500 ATG online protection system with embedded prediction and the AMS Machine Works asset health monitoring software. New features in both systems have been designed in parallel to drive improved analytics for critical turbomachinery—particularly to support complex, high-stakes activities such as machinery startups and shutdowns.

Protection systems are critical to safe turbomachinery operations, but historically, data collection from the most effective systems was typically limited to minutes of operation. Also, the higher the quality of data collected, the more limited the collection window. Yet, turbomachinery startups or shutdowns can take hours or even days, and operators and analysts need longer information timelines to better understand what is happening during these complex operations.

The AMS 6500 ATG version 5.0 and the AMS Machine Works version 2.4 software have been updated to support continuous, unlimited machine data transmission from the protection system into the analytics platform, helping operators better understand what is happening during complex activities while enabling analysts to perform more comprehensive analysis and long-term trending in AMS Machine Works.

“In complex operations, operators



and technicians need precise operational insight, such as the ability to see when machinery reaches its natural frequency so they can improve control speeds,” said Ben Swisher, vice president and general manager of reliability solutions at Emerson. “With continuous data streaming from the AMS 6500 ATG to AMS Machine Works, operators, maintenance personnel and analysts all have the inputs they need for enhanced insight into safe operations and long-term asset health.”

The latest enhancements to the AMS 6500 ATG and the AMS Machine Works software provide users with greater visibility into how their assets and operations are changing. With access to longer and more frequent data, analysts can use AMS Machine Works to more effectively trend streamed information for the AMS 6500 ATG and data from other sources, and those trends can be tied directly to alarms. Operators can also see live

data illustrating what is happening in machines connected to the system.

The AMS 6500 ATG has also been updated with a web-server-based programmable dashboard to provide visualization of critical turbomachinery performance. The system can show up to five programmable dashboard pages, each with up to 25 widgets, including trending, Boolean alarm value screens and live measurement fields. New widgets can also display machine components in addition to data points to make it easier for operators to connect those points to the relevant machines and gain a general understanding about the health of assets from a single view. The dashboard is available natively via a web browser and is flexible and programmable.

The enhancements to AMS 6500 ATG and AMS Machine Works software also deliver Modbus-independent connectivity for simplified management and continue Emerson’s commitment to ongoing cybersecurity improvements. □

ABOUT EMERSON

Emerson is a global automation leader delivering solutions for the most demanding technology challenges. Headquartered in St. Louis, Missouri, Emerson is engineering the autonomous future, enabling customers to optimize operations and accelerate innovation. For more information, visit www.Emerson.com.



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IP19

4-Conduit Block

Vertical support from only one 1/4", 3/8" or 1/2" threaded or threadless rods 1/4" or 3/8" threaded holes on the side along with slots for hex head bolts for hardware are provided for conduit support.

IP21a

QwikBlock

Vertical support from only one 1/4", 3/8" or 1/2" threaded rod by attaching two machine screws 1/4" x 20 thru the existing holes in back of the box. Eliminates knocking out center KO on box and traditional nut and washer method to support a single box.

IP20a

Box Support Rod Cubes

Vertical support from only one 1/4" or 3/8" threaded or threadless rod with 4 holes for Gripper applications as well as 4 threaded 1/4" or 3/8" holes for conduit support hardware.

IP3e

PVC Guide

IP2b

PVC Driver

TE15

Conduit Layout Tool

IP3g

Long Slip PVC

IP3f

Slip PVC/RGD

IP4

EZ Raised Bracket

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Alloy LED and Optique Lighting Expand Michigan Presence with MLS East and MLS West

Alloy LED, a leading designer and manufacturer of premium LED tape lighting solutions, and its specification division, Optique Lighting, renowned for its unique, high-performance Nano Linear LED luminaires, have appointed MLS East and MLS West as their manufacturers’ representatives for Michigan. The separately owned agencies, which operate under the Michigan Lighting Systems brand, will provide sales, specification and customer support for the companies’ lighting solutions across their respective territories.

“MLS East and MLS West bring decades of experience, strong industry relationships and a shared commitment to delivering exceptional customer service,” said Joe Flynn, president of Alloy LED and Optique Lighting. “Their technical expertise, collaborative approach and focus on providing the right lighting solution for each application make them strong representatives for our brands. We look forward to working with both teams to support architects, designers and contractors throughout Michigan.”

MLS East serves eastern, southeastern



and portions of central and southern Michigan, while MLS West serves western, northern and portions of central and southern Michigan. The agencies provide energy-conscious lighting solutions for the built environment, supporting architects, engineers, contractors and other industry professionals with comprehensive project support from initial design through completion. Services include lighting design assistance, photometric analysis, project quotations, lighting controls design and energy rebate support. Built on a foundation of integrity, respect and teamwork, MLS East and MLS West are committed to

delivering responsive service, technical expertise and strong partnerships with the manufacturers they represent.

Alloy LED designs and manufactures premium LED tape lighting solutions for commercial and residential applications, combining in-house engineering, manufacturing and responsive project support.

Optique Lighting develops specification-grade Nano Linear architectural luminaires that combine advanced optical performance with extensive customization, backed by rapid quoting and dedicated specification support for the design community. □

ABOUT ALLOY LED

Alloy LED is a leading manufacturer and distributor of premium LED tape lights, channels, connectors, fixtures and power supplies — including the PowerLine™, PrimaLine®, Radialux®, and TapeMate™ product lines. Built on a service-first philosophy, Alloy LED goes beyond quality products to deliver a true partnership experience: guaranteed 24-hour quotes with detailed TapeOffs™ included, a Build-to-Order program tailored to exact project specifications and a knowledgeable support team committed to success at every stage. Headquartered in Emeryville, California, Alloy LED products are available through lighting showrooms, electrical distributors and online stores. For more information, visit www.alloyled.com.

ABOUT OPTIQUE LIGHTING

Optique Lighting is a manufacturer of cutting-edge, architectural-grade linear lighting solutions built around the needs of designers and specifiers. As the pioneers of Nano Linear™, a category that bridges the flexibility of tape light with the performance of architectural-grade fixtures, Optique Lighting is reinventing the linear space with an award-winning, patented and patent-pending product portfolio and an industry-first commitment to service. Every quote includes a color-coded TapeOff™ diagram and a dedicated support team assists from concept to installation. Optique Lighting is the specification division of Alloy LED. For more information, visit www.optique-lighting.com.

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CANNON iK

ELIMINATE HAND PULLS & INCREASE JOBSITE EFFICIENCIES.



Milwaukee® Delivers More Runtime in a Compact Battery for the MX FUEL™ System

Milwaukee Tool continues to improve their MX FUEL™ Equipment System with the new MX FUEL™ REDLITHIUM™ CP4.0 Battery Pack. Delivering 33% more runtime in the same size compared to the MX FUEL™ REDLITHIUM™ CP3.0 Battery Pack, the new MX FUEL™ REDLITHIUM™ CP4.0 Battery Pack provides more runtime for users who seek a compact battery without sacrificing productivity. The MX FUEL™ REDLITHIUM™ CP4.0 Battery Pack delivers 4 amp-hours of runtime, charges to 100% in as little as 45 minutes, and features an onboard fuel gauge for quick visibility into remaining battery life. Designed for durability this battery has 5X more overmold in impact zones, , providing added protection from jobsite impacts, weather, and environmental conditions. Fully compatible with all MX FUEL™ equipment and chargers, this new battery pack integrates seamlessly into the existing MX FUEL™ system.

Features:

- Compatible with all MX FUEL™ equipment and chargers
- 2-year warranty



For more information, visit www.milwaukeetool.com

Appleton C2KX Series Delivers Faster, More Serviceable Marine Connections

Appleton™ C2KX Series Marine Cable Connectors provide dependable mechanical retention and electrical continuity through a removable armor termination, giving installers a faster, more serviceable alternative to traditional fixed-termination designs. Featured metal-to-metal armor clamping, the connectors are engineered for armor braid shipboard cable and all IEC braid cable types.



The C2KX Series expands Appleton's comprehensive lineup of deluge-proof connectors for marine shipboard and IEC 60529 (IEE45) armor jacketed cable systems, reinforcing Appleton's position as a trusted name in harsh and hazardous electrical infrastructure. Engineered for hazardous locations worldwide, the Series carries Class I, Zone 1/21 and Zone 2/22 approvals, plus Class I, Division 2, Groups A–D, backed by global certification marks including UL, cCSAus, IECEx, and ATEX.

Marine and shipboard environments demand connectors that perform under constant exposure to moisture, vibration, and mechanical stress. The C2KX Series was engineered specifically to meet that challenge by combining a robust environmental seal with a removable armor termination that simplifies both installation and maintenance. Key performance features are:

Environmental Sealing, UL Listed: The C2KX provides a reliable environmental seal on the cable outer jacket and is UL Listed for both NPT and Metric entry threads, giving specifiers flexibility across global installation standards.

Deluge-Proof: As part of Appleton's broader family of deluge-proof connectors, the C2KX is built to withstand direct, sustained water exposure. This is a critical requirement for marine shipboard and armor-jacketed cable applications operating under IEC 60529 (IEE45) conditions.

Division 2: The C2KX is permitted in Division 2 areas on equipment without an internal source of ignition, extending its applicability to hazardous location installations.

Removable Armor Termination: A removable armor cone and ring offers secure mechanical retention and electrical continuity, while significantly reducing time and complexity during termination, inspection, and re-termination.

Displacement Seal: The C2KX employs a displacement seal on the outer sheath of the cable to maintain a consistent, reliable barrier against moisture and environmental ingress.

Certifications and Standards Compliance

- The C2KX Series is tested and certified to the industry's most rigorous standards:
- UL Standards: UL 50, UL 514B, UL 2225
 - UL Listed: E200163-19990430, E256367-20060104
 - CSA Standards: C22.2 No. 0-10.18.3-04, 94.1-07, 94.2-07, CAN/CSA E60079-7:03, CAN/CSA C22.2 No. 60529:05
 - CSA Certified: 2367109

For more information, visit www.appleton.emerson.com

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- ◆ Easy to use
- ◆ High energy output
- ◆ Proven reliability
- ◆ Compact design
- ◆ Lightweight

Wayfind'r - Impulse cable tracer

- ◆ Accurate
- ◆ Easy to use
- ◆ Connects directly to energized cables
- ◆ Distinct signal for easy tracing
- ◆ Traces direct buried and cables in conduit
- ◆ Rugged, compact design

Impulse Phaser - Cable / phase system

- ◆ Accurately identifies cables in trenches, vaults, conduits and enclosures
- ◆ Accurately identifies phases in multi-conductor cables
- ◆ Identifies jacketed, shielded, cables, even in pipe
- ◆ Easy to understand and use



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NEWPRODUCTS

AMP® Lighting Introduces Smart RGBCW LED Well Light, Powered by AMP iQ™, for Flexible, Precise Landscape Illumination

AMP® Lighting has expanded its AMP iQ™ Smart Landscape Lighting System with the Smart RGBCW LED Well Light, Powered by AMP iQ™, an IP68-rated fixture that combines advanced smart lighting control with durable construction and serviceable components for residential and commercial properties. With interchangeable optics and an interchangeable LED module, the well light provides greater flexibility in both light distribution and serviceability.

The Smart RGBCW LED Well Light, Powered by AMP iQ, connects to the AMP iQ platform through Bluetooth® mesh technology and is controlled through the AMP iQ mobile app. Users can adjust brightness, select tunable white settings and create millions of color combinations, while organizing fixtures into groups and zones. When paired with an AMP iQ Smart Gateway, the system also enables advanced features such as automated schedules and remote access.

Precision light distribution and serviceability

An interchangeable optic system allows installers to select between 38-degree and 60-degree beam spreads, providing greater control over light distribution for different landscape applications. The narrower 38-degree optic can provide focused illumination for trees, architectural elements and other vertical features, while the 60-degree optic offers broader coverage for larger focal areas.

The interchangeable smart LED module is designed to simplify long-term serviceability, allowing the light source to be serviced independently rather than requiring replacement of the entire fixture. This modular approach can help extend product life and reduce the need for complete fixture replacement. Four additional faceplate options — beacon, shielded, turret and grated — are available separately, giving installers additional options for controlling the fixture’s appearance and light distribution.

Smart control and connectivity

As part of the AMP iQ Smart Landscape Lighting System, the well light communicates with other AMP iQ devices. With industry best-in-class distances of up to 100 feet between fixtures, AMP iQ creates a robust mesh network helping extend connectivity throughout larger landscape installations. Through the AMP iQ mobile app, users can manage individual fixtures or organize multiple luminaires into groups and zones, with control over color, color temperature and brightness. Lighting scenes to be adjusted as landscape needs change throughout the evening or across different seasons. The fixture offers extended white-light presets at 2200K, 2500K, 2700K, 3000K, 3500K and 4000K, along with full tunable-white control and RGBCW color capabilities. With dimming from 0% to 100%, users can create everything from subtle, warm landscape illumination to saturated colors for entertaining, events and architectural accent lighting.

For more information, visit www.amplighting.com

Focal Point Expands Linear Offerings with Score 2
Lens-free luminaires with narrow, 2.5” aperture offer comfortable lighting and design flexibility

When elegant luminaires meet harmonious design, lighting hits all the right notes. Focal Point announces the launch of Score 2 Suspended and Surface Mount, our newest iteration of linear luminaires. Designed to bring harmony to elevated spaces, Score 2 is a family of lens-free, minimalist fixtures that give designers a fresh aesthetic and a new toolbox. Enhance rooms and spaces with open lines of light and concerted elegance that strikes a chord.

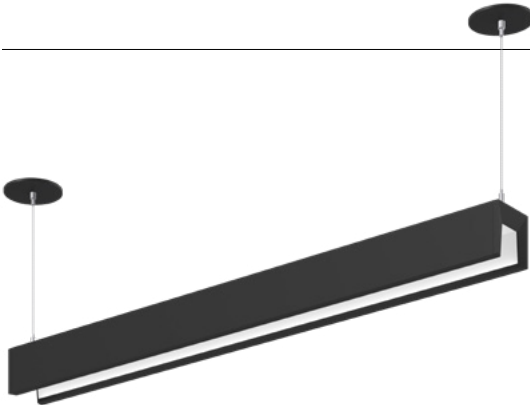
Lighting design in concert with architecture

Score 2 sings with slim, regressed lines of light for an uncluttered sensibility and geometric elegance. It enhances both small and large spaces, supporting task and ambient lighting, and offers a pleasant glow that brings harmony to commercial offices, higher education, hospitality, healthcare, transportation, and convention spaces.

The sleek form factor is bold enough to stand out in a crowd without stealing the show. Available in Matte White, Black or Titanium Silver, Score 2 offers abundant light that’s bounced off the robust reflector. Formed from a single piece that protects the LEDs, the reflector ensures that spaces are lit comfortably, with less eye strain. Inward bevel end caps offer an elegant architectural variation, while classic flat end caps are also available.

“Score 2 fills a gap in Focal Point’s portfolio,” said Star Davis, VP of Innovation & Product Development. “The soft indirect light source and regressed lens provide a clean architectural detail.”

For more information, visit www.focalpointlights.com/Score2



B2 RAPID FIRE BENDER
WITH TOUCH CONTROL

BEND UP TO 2” EMT, IMC, RIGID OR ALUMINUM CONDUIT WITH ONE SHOE

A large, orange and grey industrial machine used for bending conduit. It features a touch screen control panel, various warning labels, and a sturdy frame with wheels. The machine is shown in a workshop setting.

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solar systems
& pumps.**

All SP Products Inc.
Transition Fittings are manufactured
for installation to either meet or
exceed in accordance with NEMA TC2,
TC3 or UL 651 specifications

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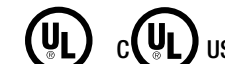


1/2" thru 4"

Transition Couplings

Size	Catalog #
1/2"	50-LT-EMT
3/4"	75-LT-EMT
1"	100-LT-EMT
1-1/4"	125-LT-EMT
1-1/2"	150-LT-EMT
2"	200-LT-EMT
2-1/2"	250-LT-EMT
3"	300-LT-EMT
3-1/2"	350-LT-EMT
4"	400-LT-EMT

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IP13bb

NEWPRODUCTS

Focal Point Expands Seem® 4 Family with Behavioral Health Luminaires

New recessed and perimeter linear luminaires bring safety and a hospitality-forward aesthetic to behavioral health environments

Focal Point announces the launch of Seem® 4 Behavioral Health, an expansion of its proven Seem 4 linear family with two luminaires intended for behavioral health environments: Seem 4 Behavioral Health Recessed and Seem 4 Behavioral Health Perimeter. As awareness of mental health grows and care takes a more holistic, recovery-focused approach, facilities are moving away from institutional-looking interiors in favor of warm, welcoming, calming environments that support patient well-being. Seem 4 Behavioral Health answers that shift with lighting that delivers a sleek architectural appearance without ever compromising safety. Part of an established architectural line, the new luminaires extend the Seem 4 design language into behavioral health settings — from outpatient treatment clinics to psychiatric inpatient units. Seem 4 Behavioral Health Recessed offers trim flange and mud-in mounting for drywall and hard ceilings, while Seem 4 Behavioral Health Perimeter lights spaces and corridors from the wall or defines the perimeter of the room. Both are available in individual units from 2 to 8 feet and continuous runs in 1-foot increments.

“For over three decades, our focus has been architectural lighting that puts people and their experience of a space first. With Seem 4 Behavioral Health, we’re bringing that expertise to behavioral health spaces — environments where safety requirements have too often meant sacrificing beauty. These luminaires prove facilities no longer have to choose,” said Star Davis, VP of Innovation & Product Development.

A Hospitality-Forward Aesthetic for Healing Environments

Seem 4 Behavioral Health helps foster a calm, welcoming environment as part of a holistic approach to patient comfort. A choice of optics tailors light to each space: Lambertian, Asymmetric, Asymmetric Room Fill, and Batwing distributions for the recessed luminaire, and Lambertian, Grazer, and Asymmetric Room Fill for the perimeter luminaire — illuminating rooms and corridors with superior efficacy and a comfortable glow. In addition to static white color temperatures from 2700K to 4000K, a Tunable White option closely follows the black body curve of a natural light source to provide a light quality that evolves throughout the day, supporting human activity, well-being, and preferences. Seem 4 Behavioral Health is compatible with various dimming protocols and control systems, including Power over Ethernet based systems. And because the luminaires are companions to the broad Seem 4 family, designers can carry one cohesive aesthetic across an entire facility.

For more information, visit www.focalpointlights.com/behavioral-health



Cementex Highlights Double-Insulated Pry Bars for Safe and Reliable Leverage

Double-Insulated Pry Bars Deliver Enhanced Protection for Industrial Applications

Cementex, the safety tool specialists, highlights its double-insulated pry bars. Engineered with Cementex's industry-leading insulation technology, these pry bars offer superior leverage and protection for professionals working in energized environments.

Cementex double-insulated pry bars provide the appropriate leverage required to pry open whatever is being worked on while maintaining a barrier against electrical hazards. The signature orange-over-yellow insulation offers clear visual safety indication, allowing users to both quickly identify wear and maintain compliance with stringent safety standards.

Manufactured in the U.S.A. with both U.S. and globally sourced materials, Cementex double-insulated pry bars are tested to 10,000 volts and rated for live use up to 1,000 VAC / 1500 VDC. Available in 12" and 36" to suit various applications, these pry bars can tackle a range of diverse and

demanding challenges. The technology also empowers its customers to easily meet requirements such as OSHA safety-related work practices, the NFPA 70E standard, and CSA-Z462. Backed by a lifetime guarantee on mechanical parts and a two-year guarantee on insulation, these tools are built to last.

For more information, visit www.cementexusa.com



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Cementex
The Safety Tool Specialists

Deluxe Geared Maintenance Tool Kit

- Cementex Double-insulated Tools:**
- Comply with the IEC 900 standard
 - Comply with ASTM F1505-01 standard
 - Help you meet requirements of OSHA Safety Related Work Practices, NFPA 70E Standard and CSA-Z462

- Cementex Double-insulated Tools are:**
- Tested to 10,000 VAC and rated for 1,000 VAC when working on live parts
 - Manufactured in the USA with domestic and global materials.
 - Marked with the international safety symbol – (double triangle) 1000V

Class 00 Arc Flash Glove Kit

Class 00 arc flash glove kit from Cementex is a good option for a reliable kit for work with 500 Volts or less. The gloves are made of natural rubber construction, offering the required dielectric properties combined with flexibility, strength, and durability. Gloves feature rolled cuffs, and are anatomically shaped thereby reducing hand fatigue. Each glove is chlorinated for maximum comfort.

Components of Cementex IKG00-11 glove kit:

- 11" long Class 00 rubber insulating gloves
- Leather protectors
- Canvas storage bag



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Track every pull on your mobile device with the Safe Pull™ RLT application. Set load limits and get audible alarms on pulls with loads measuring up to 20,000 lbs. The convenient GPS capability ensures correct information is provided about the corresponding jobsite and notifications about tracked loads are sent wherever they need to go via email & stored on your device until you're ready to delete them.

Accurately monitor & save cable tension while preventing damage. Increase safety ensuring that cable is being pulled at a safe tension level by integrating the Safe Pull RLT. The lightweight design & included carrying case allows for easy transportation around the jobsite.

Please note that the Running Line Tension Meter app needs to be kept open during operation, and your phone should not be locked. Locking your phone can disrupt pulling data. You can disable auto lock by going to Settings->Auto Lock->Never.

For more information, visit www.iTOOLco.com



Optique Introduces Rozino Mud-In Wall Grazers for Seamless, Recessed Architectural Illumination

Wall-grazing series combines powerful performance with a fully recessed, paintable design for dramatic architectural effects

Optique Lighting expands its Rozino family with the new Rozino Wall Grazer Mud-In series, bringing the company's powerful wall-grazing performance to a fully recessed, mud-in installation. Available in 1-inch and 2.5-inch depths, the patent-pending recessed design gives designers the flexibility to create precise, dramatic architectural effects while maintaining a clean, virtually seamless appearance in commercial and high-end residential interiors.

Both versions deliver a focused 10-degree beam angle and more than 4,700 peak candela, providing the

intensity needed to accentuate fine textures and architectural details across the full height of a wall.

The 1-inch Rozino wall grazer is designed to install flush into 5/8-inch drywall, with a built-in offset that positions the fixture at an optimal distance from the wall. Its minimal flange also serves as a glare shield, helping maintain a clean, unobtrusive appearance. For 1/2-inch drywall applications, a 1/8-inch spacer can be installed between the drywall and flange for a precise fit.

The 2.5-inch version features a curved reflector engineered to distribute light evenly down large walls, producing a deep grazing effect that emphasizes surface texture. When installed continuously around the perimeter of a room, the fixture can create the visual illusion of a floating drop ceiling, adding a distinctive architectural element without introducing a visible luminaire.

Both models feature a paintable surface, allowing the fixtures to be finished to match surrounding walls or ceilings and virtually disappear into the architecture.

For more information, visit www.optique-lighting.com

Galvanized Rigid Transition Couplings to Schedule 40/80 PVC Stub-Up When Concrete is Poured and Metal Below the Slab is Needed



Save at Least 1 Hour per Installation.

Transitions in Less Than 5 Minutes!

Save Cost on the Rigid Nipple, Tape & Labor

Use for Entire Job - Not Just for Repair

See Our Conduit Plug See page IP27c

See Our REAMING BITS for Transition Couplings See page IP15

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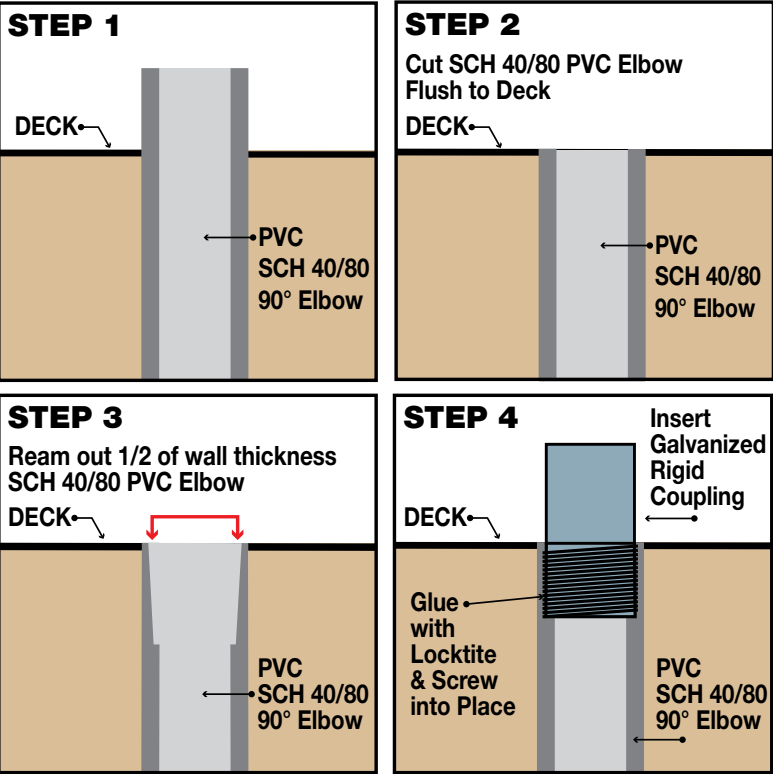
Saves a great deal of time transitioning from PVC conduit to Rigid Conduit above slab without damaging PVC risers and chipping concrete eliminating a concrete repair job!

All SP Products Inc. Transition Fittings are manufactured for installation to either meet or exceed in accordance with NEMA TC2, TC3 or UL 651 specifications

1/2" thru 6"

Transition Couplings	
Size	Catalog #
1/2"	50-PVC-R-GRC
3/4"	75-PVC-R-GRC
1"	100-PVC-R-GRC
1-1/4"	125-PVC-R-GRC
1-1/2"	150-PVC-R-GRC
2"	200-PVC-R-GRC
2-1/2"	250-PVC-R-GRC
3"	300-PVC-R-GRC
3-1/2"	350-PVC-R-GRC
4"	400-PVC-R-GRC
5"	500-PVC-R-GRC
6"	600-PVC-R-GRC

All Above Meet UL651 CSA C22.2, No.85 and US Army Corps Engineers Specifications



Customer must satisfy all codes and owners' specifications.



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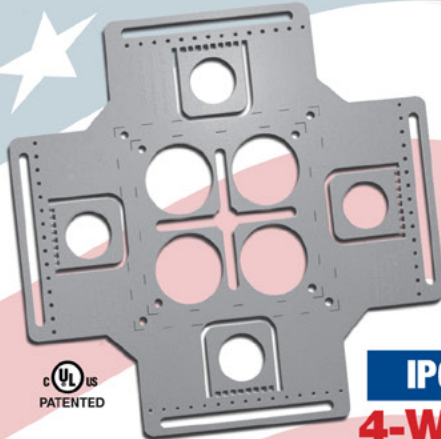


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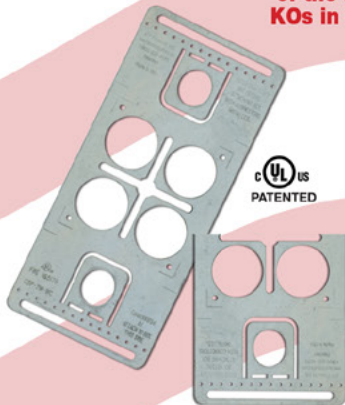
Enter Any KO on Both Sides of the Box



IP6

4-Way

Enter Any KO on All 4 Sides of the Box Plus 4 Large Open KOs in Center Allows Entering Back of Box



IP6a

2-Way/Half

Enter Any KO on 1 or 2 Sides of the Box Plus Large Open KOs in Center Allows Entering Back of Box



IP19/20

4-Conduit Block
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IP21a

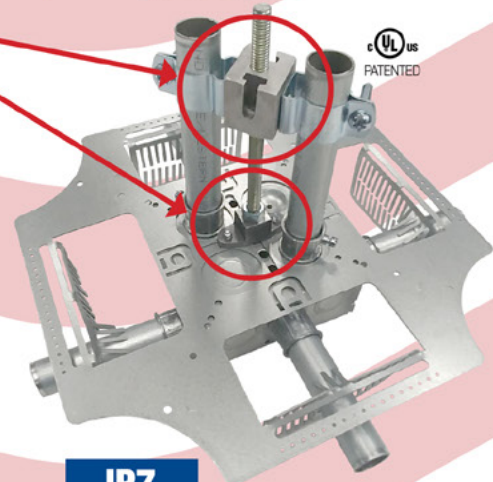
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IP6d

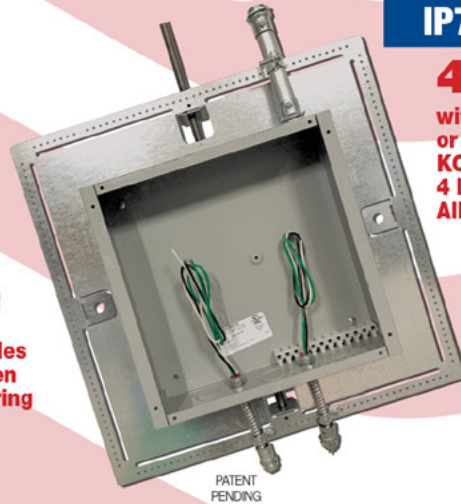
2-Way
with Split Fingers for Horizontal or Vertical Installation



IP7

4-Way

with Split Fingers for Horizontal or Vertical Installation. Enter Any KO on All 4 Sides of the Box Plus 4 Large Open KOs in Center Allows Entering Back of Box.



PATENT PENDING

IP8

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Supports up to 12 x 12 J-Box

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Supports up to 20 x 20 J-Box

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