THE SUPPLY LINE

2018

STONEWAY
Electric Supply

- Extensive, local, in-stock inventory
- Daily deliveries
- More than 40+ years of flexible, reliable service
- On-the-spot quoting
- 24-Hour Emergency Service by calling any of our locations
- Branch-to-branch, after-hours, customer support
- Convenient operating hours
- Honored customer and job commitments
- 17 convenient locations

Stoneway is a full line, stocking electrical wholesale distributor, with seventeen conveniently located offices and warehouses located in the Pacific Northwest. We have customers in Washington, North Idaho and Western Montana.

Early in its history, Stoneway recognized the importance of investing in state-of-the-art hardware and software. We have realized excellent returns on this investment in terms of customer benefits and in managing the inventory and operations of a multi-branch organization. The system is constantly updated to ensure peak performance.

Corporate Inside Sales Staff (CISS)
855.668.6858
6ᴀᴍ-3ᴘᴍ PST M-F

Our Corporate Inside Sales Staff (CISS) is a dedicated team, well-versed in all Stoneway has to offer. CISS acts as personal, customer agents who are familiar with local markets and are able to assist with quotations, troubleshoot technical issues, research hard-to-find items and are knowledgeable on product attributes and availability. Whether you are new to Stoneway or have a long-standing relationship, your CISS Account Manager is here to help.

All items are F.O.B. Stoneway Warehouse. Due to the franchise restrictions, all items may not be available at every location and may be substituted where appropriate. We reserve the right to limit quantities and correct typographical errors.

STONEWAY Electric Supply

Amidst an ever-changing technological landscape, Stoneway Electric Supply is positioned to provide sustainable solutions and direction as you navigate your business towards continued success. We work hand-in-hand with the top suppliers in the industry to offer cutting-edge products, coupled with superior service. The Supply Line showcases innovative products from these manufacturers and details our value-added offerings.

In addition to the latest products, we provide direct access to our team of professionals in all segments of the electrical industry. From new construction to retrofits and from machine-build to maintenance, our project management teams and specialists partner with you from start to finish – offering value engineered options to meet specifications, comply with code, contain cost, and achieve continued relevance in changing markets.

Stop in to your local branch, or call to arrange an on-site meeting and learn how Stoneway can serve all your electrical, industrial and datacomm needs.

Eric Haines
Vice President, Seattle District Manager

Contacts**NearYou**

SOUTH SEATTLE 206.447.8058	Chris Provo **Branch Hours:**	Branch Manager 5:00 am – 5:00 pm, M–F
ARLINGTON 360.658.3030	Brandon Steeb **Branch Hours:**	Branch Manager 6:00 am – 5:00 pm, M–F
EVERETT 425.743.5959	Ryan Peterson **Branch Hours:**	Branch Manager 5:30 am – 5:00 pm, M–F
KENT 253.859.0224	Jesse Gilomen **Branch Hours:**	Branch Manager 6:00 am – 5:00 pm, M–F
LYNNWOOD 425.775.4640	Alan Kluth **Branch Hours:**	Branch Manager 6:00 am – 5:00 pm, M–F
NORTH SEATTLE 206.634.2240	Jim Thorsen **Branch Hours:**	Branch Manager 6:00 am – 5:00 pm, M–F
TACOMA 253.627.1836	Omar Medina **Branch Hours:**	Branch Manager 6:00 am – 5:00 pm, M–F
TOTEM LAKE 425.821.1372	Bill Purdy **Branch Hours:**	Branch Manager 6:00 am – 5:00 pm, M–F

Or visit us online at
stoneway.com

S | P | C
Strategic Projects Center

7017 S. 234th St | Kent WA, 98032 | 253.859.0224

Project**Capabilities**

Stoneway Electric Supply has been providing products and expertise to the electrical industry for more than 40 years. Our fully staffed Seattle District **Strategic Projects Center** Sales Team has the depth and experience to understand your business and anticipate your needs. Our Quotations Specialists and Project Management professionals have the competence and confidence to work with your team by providing Total Project Support to start, run and finish a successful and profitable project.

Quotations**Specialists**

Our highly trained Quotations Specialists are able to assist you with all lighting, energy, industrial, datacomm and general project needs. Trust us as your lighting and gear experts and let us make your blueprints a reality.

- Consistent and accurate quotations process
- Assemble and quote the most competitive, comprehensive bill of materials for any scale project
- Assist Project Specialist to identify best solutions

- Close communication with key vendors, architects and project engineers
- Negotiate and provide customers competitive pricing

Project**Management**

Stoneway Electric Supply's **Strategic Projects Center** is your Project Management Headquarters for all Lighting, Controls and Switchgear Design/Build and Plan/Spec project needs. Our team of professionals has the expertise, commitment and follow-through to get the job done eliminating challenges for electrical contractors and their on-site teams.

- Consistent, proactive and accountable Project Management process
- Accurate, complete and timely Submittals, Operations and Maintenance Manuals
- Customization of direct to site material releases per project scope
- Communication management between vendor, customer, warehouse and job site
- Weekly project status reports

- Accurate billing and Monthly Reconciliation Reporting
- Post sale product management for problem resolution with key vendors
- Professional project close out process
- Additional services provided: Storage and management of project material, kitting opportunities, scheduled delivery per customer request and on-site storage containers

Powered for
Success

With the evolution of lighting, power management and alternative energy, the energy market is a growing demand in today's economy. That's why Stoneway provides a trained staff of Energy and Lighting Specialists and premier product lines for all aspects of energy efficiency.

Our**Services**

- Lighting Solutions/Retrofits
- Power Management
- Energy Savings
- Alternative Energy
- Product Recommendations
- ROI Analysis
- No-obligation Energy Audits
- Fixture and Lamp Recycling Programs
- Rebate Assistance
- Project Financing

LEDREBATES

Industrial
Ingenuity

Succeeding in the complex industrial segment requires a partner that is always on the lookout for ways to increase quality, safety and productivity; while at the same time find ways to reduce energy consumption and machine downtime. Stoneway is uniquely qualified to assist our clients in these areas with a local team of experienced Industrial Specialists and Certified Application Engineers.

Our**Services**

- Process improvements and machine throughput
- Inspection, sensing and data logging
- Control and automation solutions, products and training
- Machine & Power Safety Assessments and Remediation
- Comprehensive Energy Analysis, Solutions & Rebate assistance
- Complete solutions for power quality, monitoring and maintenance
- Local inventory and daily deliveries

Technical Support Center Hotline
(855) 262-0794 or techsupport@stoneway.com

Datacomm
Mix

In the low-voltage market it's essential for you to have the latest products and resources. That's why Stoneway provides you with Datacomm Sales Managers, Account Managers, and an Inside Support Team to help you find the right products from our premier product lines for all aspects of low-voltage installations.

Our**Line**

◆ STRUCTURED WIRING	◆ SECURITY	◆ AUDIO	◆ VIDEO	◆ METAL	◆ AUTOMATION
▪ Category 5e · 6 · 6A ▪ MM / SM Fiber Optics ▪ Coaxial Connectors ▪ Jacks and Wall plates ▪ Patch Panels ▪ Category Cables ▪ Fiber Interconnect Boxes ▪ Passive Optical LAN (POL)	▪ CCTV ▪ Intrusion Detection ▪ Access Control ▪ Fire Alarm	▪ Surround Sound ▪ Distributed Audio ▪ Audio Cable ▪ Passive Audio ▪ Paging Systems ▪ Auditorium / Theater	▪ Projectors ▪ TV / Monitor ▪ Distributed Video ▪ Baluns ▪ Matrix ▪ Extenders ▪ Splitter ▪ Video Cable	▪ Racking ▪ Cabinets ▪ Basket Tray ▪ Ladder Tray ▪ Cable Management ▪ J-Hooks ▪ Tools/Testing ▪ Labeling ▪ Floor Boxes	▪ Lighting ▪ Entertainment ▪ Security ▪ Temperature Control ▪ Remote Access

Stoneway **Integrated Supply**

Stoneway**Stockroom**

Stoneway has been a pioneer of inventory management for over 40 years. Our expertise can assist you with MRO stockroom management, raw material in an OEM environment, labor solutions, mobile inventory solutions and warehouse logistics.

Stockroom**Features**

- Integrated bar-code scanner enables quick product entry and ordering

- Optional Bluetooth scanner facilitates entry

- Cycle counting tracks and updates on-hand quantities

- Supports Stoneway's Consignment Billing and auto-transfer processes

- Work online or off-line during inventory counts and ordering

- Manage multiple orders simultaneously

With Stoneway Stockroom, **You will find:**

- Increased order accuracy through barcode scanning

- Increased productivity by streamlining the order process

- Reduced excess inventory through inventory management

- Lower operational costs by offloading commodity purchasing, freeing up time to focus on high-level procurement

*Contact Stoneway
for more information on:*
- *Stoneway Stockroom*
- *Logistics*
- *Warehouse Labor*
- *Mobile Inventory Solutions*

*Managed Inventory and Inventory Usage can be implemented with Customer-owned Inventory or Consigned Inventory

Arlington

Snap on Snap2It® Connectors-Perfect for MC-PCS Cable (4010AST, 5010AST, 505010AST, 4110ST, 414110ST)
- Easiest to insert snap-on connectors
- Handles widest variety of cables - including new MC-PCS cable with lighting and low voltage circuits in same cable
- Snap2It connectors save at least 17 seconds per connector

Steel TV BOX™
- Recessed power/low voltage combo boxes deliver flush to the wall mounting of flat screen TVs
- For use with metal raceways in new or retrofit work
- Plugs, connectors stay inside box without extending past the wall
- Two-, three- and four-gang (TVBS505, TVBS507, TVBS613)
- c UL us Listed

IN/OUT BOX™ Adjustable Plastic Outlet Box
- Set for ½″ wall thickness - Adjusts up to 1½″
- Ideal for use when final wall thickness is unknown
- No set back boxes - Depth adjustment screw is always accessible
- Secure mounting on wood or steel studs in new construction
- Single gang, two-, three-, four-gang styles (FA101-FA104)
- UL/CSA Listed

RAINBOX™ Non-Metallic Fan/Fixture Box For Outdoor Use
- Raintight Listed assembly for wet or damp areas like pool screen enclosures or open porches
- Saves time - no field revisions
- Completely sealed installation - no exposed wiring
- 21.8 cu. inch box handles canopies up to 7″ diameter, and fans/fixtures up to 70 lbs
- UL/CSA Listed

Two-gang Box Extender with Larger Flange
- Extend set back electrical boxes up to 1½ inches
- Larger flange covers miscut openings, fits midi and maxi plates - trimmable for use with standard plates
- Cost the same as Arlington's 'regular' flange box extenders
- 2-hour fire rating
- Single and two-gang (BE1X, BE2X)
- UL/CSA Listed

Adjustable Floor Boxes (FLBA and FLBAR101)
- Flush-to-the-floor receptacle installations
- Adjustable to finished floor height up to 2″
- Designed for new or retrofit work
- Non-metallic box with non-metallic or metal covers
- Threaded plugs or flip lids to protect unused box

ONE BOX™ Plastic Outlet Box
- For new work or retrofit
- Secure mounting to wood or steel studs - No wobble
- 2-hour fire rating
- Single gang, two-, three-, four-gang styles (F101-F104)
- UL Listed

Steel Pan Box for Fan/Fixture Installation (FBRS40712R)
- Adjustable mounting bracket allows positioning of box anywhere along bracket
- Fits between wood I-joists or rafters set 12″ on center in retrofit work
- One piece design, captive installation screws
- UL rated: 35 lb fan, 50 lb fixture

Liquid-tight, Concrete-tight Fittings for MC Jacketed Cable
- One fitting fits multiple MC jacketed cable sizes
- Reduces inventory - saves the cost of stocking several different fittings
- Ideal for parking decks and high rise residential construction
- Three sizes (LTMC50, LTMC507, LTMC75)
- UL Listed

Grounding Bridge
- Provides reliable intersystem bonding between power and communication system
- Four termination points for multiple hookups of telephone, cable, satellite
- Zinc and bronze, with or without conduit adapter
- Meets 2014 NEC ground requirements
- Use indoors or outside
- Easy access for inspections

ZR Troffer Portfolio
- One-for-one replacement of existing fluorescent troffers
- Input power: 25 to 45 watts
- 3200 to 5000 lumen options

ZR-C Commercial Series
- Efficacy of 125 LPW
- 80 CRI
- DLC Premium 4.1
- 5-Year limited warranty
- Most important for application: Value for Performance

ZR-RK Series Retrofit Kit
- Efficacy of up to 132 LPW
- 80 CRI
- DLC Premium 4.1
- 5-Year limited warranty
- Most important for application: Ease of Install

Available in 1x4, 2x2 & 2x4 options

Integrated Sensors *OneButton™ Setup* *Wireless Communication*

CREE
SMARTCAST® TECHNOLOGY

So Simple, It Just Works
Cree SmartCast® Technology
- Cree luminaires and dimmers enabled with SmartCast® Technology deliver essential lighting intelligence without the complex design, installation and setup of today's lighting systems.

LED Lamp Portfolio and DR Series LED Downlights
- Lamps replace A19, A21, Candelabra E12, BR30, BR40, PAR20, PAR30 Long & Short, PAR38, R20
- DR Series replaces 50-Watt, 65-Watt, or 100-Watt incandescent
- CCT: 2700K, 3000K (lamps only) or 5000K
- 85-90 CRI
- 5-year limited warranty
- Dimmable, no buzz, no hum

KBL Series - LED High-Bay/Low-Bay
- Replaces 250W and 400W HID luminaires and multi-lamp fluorescent low-bay and high-bay fixtures
- 18,000 and 24,000 nominal lumens
- Efficacy Up to 150 LPW
- CRI: 70, 80+ CRI, CCT: 3000K, 3500K, 4000K, 5000K
- Low-profile, lightweight design >14 lbs
- 10-year limited warranty

LS Series – LED Surface Ambient Luminaire
- Replaces linear fluorescent lamp systems, strips, wraps and more
- Input power: 44 or 88 watts
- 90+ CRI , Utilizes Cree TrueWhite® Technology
- CCT: 3500K, 4000K or 5000K; 0-10V dimming to 5%
- 2500, 4000 and 5000 lumens for 4' size; 8000 and 10,000 lumens for 8' size
- Solid and apertured (6% uplight) reflectors available
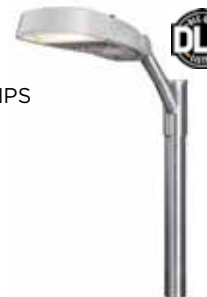
Suspended mount with optional reflectors

IG Series – LED Parking Structure Luminaire
- Replaces metal halide fixtures
- Input power : 33 or 66 watts
- Efficacy: 118 or 114 LPW
- Minimum 80 CRI
- CCT: 4000K
- 3910 or 7500 lumens

CREE
WAVEMAX® TECHNOLOGY

RSW Series - LED Street Luminaire
- Replaces 70-100W HPS (small) and 150W HPS (medium)
- Input power: 30-93 watts
- 3,300 to 5,000 lumens
- Efficacy up to 127 LPW
- 70 or 80 CRI option
- CCT: 2700K to 5000K
- 10-year limited warranty

RUL Series – LED Rural Utility Luminaire
- Replaces high pressure sodium 100W and mercury vapor 175W fixtures
- Input power: 50 watts
- Minimum 70 CRI
- CCT: 4000K
- UL wet listed
- 10-year limited warranty
- Significant energy and maintenance savings

RUL luminaire shown with reflector/refractor included with ES-K2 option

4Dimension™ Strut System
• Multi-sided functionality
• Up to 50% reduction in installation time for trapeze applications
• Up to 50% reduction in material cost in many applications
• Ideal for new and retrofit applications
• Functional replacement for back to back strut system, with considerable cost and material savings

Seismic Engineering Solutions
• Eaton can provide assistance in the layout and design of your system to comply with seismic requirements of all building codes
• Our Seismic department can help you in every step of the process
• Project take-offs
• Job-site support
• For a quote, contact SeismicQuotes@Eaton.com

CoSPEC Specifier Center
• Packed with features like the new CAD/BIM/PDMS/Submittal catalog which offers the ability to select and view B-Line series products in 2D and 3D
• Download design content in one of nearly 100 different CAD, BIM, PDMS, and graphics formats
• Select – Pick products you need to download to the unit level

KwikSplice™ Cable Tray System
• Light-weight, cost effective, aluminum design
• Patent pending splice retention groove minimizes splicing hardware up to 50%
• Stocked in multiple locations across US and Canada.
• Universal Fitting has ability to make a horizontal bend, tee, or cross

BB8 Series Bracket
• Cable containment bracket (BBCC) and floor stand (BBFS)
• Rapid Ring Self Adjusting Pre-Fab Ring speeds installation
• Helps take the guesswork out of installation by utilizing a pre-measured floor stand
• Compatible with 1-Gang and 2 -Gang Rapid Ring™ Self-Adjusting Pre-Fab Ring

Telescoping Box Mounting Bracket
• Increased rigidity through center groove design
• For 1½″ and 2⅛″ box depths only two screws required to mount to stud
• Flange ends can be cut and bent to mount multi-gang, 5″ square, masonry, and speaker/strobe boxes
• Tool-less box mounting clip attaches electrical box to bracket without hardware

BB70/ BB70E
• Interlocking wrap-around design provides extra rigidity
• Adjustable for varying stud depths from 2½″ to 6″
• Supports most U.S. and Canadian, standard 1-gang and 2-gang boxes and/or plaster rings on either side of the stud
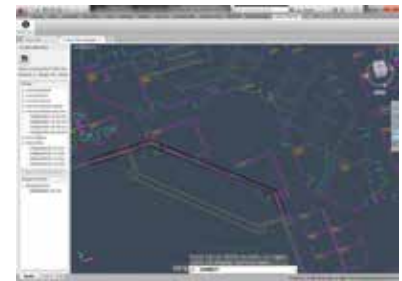• Integral mounting tabs to attach plaster ring

TrayCAD™ Cable Tray Software
• Utilizes accurate 3D models of B-Line series cable tray components
• Quickly construct a cable tray system in seconds
• Develop a full cable tray bill of materials (BOM)
• Easily export BOM to spreadsheet format
• Compatible with the latest versions of AutoCAD®(2014 and 2015)

BB7-16/24
• Unique design that allows for modification to fit non-standard stud centers
• Supports most standard U.S. boxes and plaster rings
• Multi-gang electrical boxes
• Compatible with Rapid Ring™ self-adjusting pre-fab ring and adjustable plaster rings

Large Enclosures
• Broad range of NEMA 12, 4 and 4X enclosures
• Sizes range from 54″Hx24″Wx8″D to 90″Hx198″Wx36″D
• Single, double and multi-door options in multiple finishes
• Floor- and free-standing ground mount options
• Welded body and disconnect options,
• Full line of accessories
• UL Listed for U.S. and Canada to UL508 and CSA C22.2 standards

CADDY Snap to Stud Electrical Box Bracket
- Snap to stud function makes installation fast and easy, saving time and increasing productivity
- Self-leveling feature ensures the electrical box is always square to the stud, for a consistent and professional installation
- Mounts to either side of the stud and can be mounted side by side on the same stud
- Accommodates all stud depths, simplifying purchasing and pre-fab operations
- Rigid design delivers consistency and quality during the trim out phase, helping reduce call backs and costly repairs

CADDY Telescoping Strut Replacement, Retrofit
- Winner of EC&M 2017 Product of the Year Platinum Award
- Slotted ends allow the bracket to be installed with four CADDY SN Nuts on threaded rod above an existing trapeze, saving contractor time and limiting building downtime
- Telescopes to the desired length (between 12-20") and is locked in place by snapping closed a spring retainer clip
- Standard strut profile runs the entire length of the part, allowing most standard fittings to be placed anywhere between the rods

CADDY Snap to Stud Telescoping Screw Gun Box Bracket
- Snap to stud function makes installation fast and easy, saving time and increasing productivity
- Self-leveling feature ensures the bracket is always square to the stud, for a consistent and professional installation
- Pre-configured for 2-1/8" deep boxes and only a simple adjustment needed for 1-1/2" deep boxes
- Can mount multiple boxes
- Requires only two screws to install

ERICO CADWELD PLUS
- Designed for use in all standard ERICO CADWELD molds, including ERICO CADWELD MULTI
- Self-contained materials package includes welding metal, disk, and ignition source
- Once placed in ERICO CADWELD mold, welding material is electronically ignited using a simple battery controlled unit with a six-foot lead
- Permanent, molecular bond that will not loosen or corrode, resulting in a connection with a lifetime equal to that of the installation
- Current carrying capacity equal to or greater than that of the conductor
- Withstand repeated fault currents without failing during operation
- No external power or heat source required

ERICO SES40P Series of Surge Protective Devices (SPD)
- Economical protection against damaging transients and surge events
- Primary applications are service entrance, branch, commercial, industrial and residential. Other applications include OEM panels, solar combiner boxes, UL 96A lightning protection installations and light pole applications
- Housing is constructed of UV-stabilized thermoplastic and meets the UL 50 Type 4x rating, making it ideal for both indoor and outdoor applications.
- These Type 1 devices are UL® Listed to UL 1449 Edition 4 and cUL® Listed to CAN/CSA C233.1
- All models have 20 kA nominal discharge current rating, the highest level recognized under UL 1449 Edition 4 standard

ERICO Ground Enhancement Material (GEM)
- Maintains constant resistance for the life of the system once in its set form
- Performs in all soil conditions even during dry spells
- Does not require periodic charging treatments or placement
- Does not require the continuous presence of water to maintain its conductivity
- Does not dissolve, decompose, or leach out with time

TKO™ Carbide Tipped Hole Cutters
- Replaces traditional knockout systems
- Quickly and efficiently cuts clean holes on sheet metal and stainless steel
- Exclusive SmoothStart™ starter bit
- Integrated arbor, starter bit and overdrill flange
- Time, labor and cost savings
- Individual sizes range from ¾″ to 4½″. 4-piece and 6-piece kits available

Drill Tap
- Drill, tap and deburr in single operation saves time.
- High performance 3-flute design split point smooth starter tips
- Hardened Tapping Edges
- Deburring cutting edges
- Available in a kit or individual sizes

SureTrace™ Circuit Tracers
- Identifies breakers and circuits with CertainCircuit™ detection
- Traces wires and pinpoints opens and shorts
- Audible and visual signal strength detection
- Works on energized, de-energized, open and closed circuts 0-600V AC/DC
- 4-sensitivity levels for accurate tracing

New Feed-Thru Modular Plugs and FT-45™ Tool
- RJ-45 Cat5E and Cat6 Feed Through Connectors
- Align Wires and Insert through connector
- Verify wire order
- FT-45 crimps and cuts flush in one step
- Simple and easy. No wasted labor. No wasted materials. No sleds or liners.

Modular Jacks and Wall Plates
MOD JACKS
- Cat6, Cat5E and Cat3 Voice Modular Jacks Available
- 110 IDC style connection
- Accepts 8 and 6 position connectors

WALL Plates
- Keystone Faceplates
- Available in single gang, 0,1,2,3,4,6 port configurations
- Standard Mid Size 2.75″x4.75″

TightSight™ Clamp Meters
- Exclusive TightSight second display
- 1000A and 660A AC/DC voltage.
- DC current available on select models
- True RMS current and voltage
- Backlit display with low battery indicator
- Includes leads and protective carry pouch

Made In USA Hand Tools
- Made in USA quality – Made right. Made right here.
- American steel forged in Colorado Springs, Co
- Dipped grip, SmartGrip™ and Insulated 1000V rated models
- Screwdrivers, wrenches, benders, pliers and more

Wire Termination, Grounding and In-Sure® Push-In Connectors
- IDEAL is the leading force in wire termination technology
- Twist-On, Push-In, and crimp-style connectors
- Terminals, Street Light Kits, and grounding products
- Proven product performance and ingenuity

Adjustable Torque Screwdriver
- Adjustable torque from 0-36 in.lbs
- Dual metric and imperial scale with bi-directional accuracy
- Simple torque adjustment
- Used for assembly and maintenance applications

National Championships & Training Seminars
- Programs designed to increase floor traffic, sales and profit
- IDEAL National Championships Events
- Merchandising Training
- Datacom – Cut, Strip, Terminate & Test Training
- Lockout Tagout Certification Training
- Branch Circuit Training and more.

JUNO®

Juno® Retrofit LED Basics Series™ Downlights
- Simple, economic way to upgrade nearly any existing 4″, 5″ and 6″ recessed fixture to energy-efficient LED downlight
- Up to 700 lumens at 10-watts input, or up to over 1,000 lumens from 13.5-watts with 90 CRI minimum
- Available in 2700 K, 3000 K or 3500 K
- Provides up to 85% lighting energy savings
- ENERGY STAR® Qualified

Juno® 2″ LED Downlights and Adjustables
- Produces over 600 or 1,000 lumens of brilliant white light, consuming as little as 10W
- Very low-profile for flexible range of applications
- Round and square apertures with a wide range of trim styles/finishes
- Approved for insulated or non-insulated ceilings
- ENERGY STAR® Qualified

Juno® Commercial LED (JCLR Series) Retrofit Kit
- All-in-one design – Everything you need to upgrade your existing fixture all in one box
- Lumen Options – Choice of four packages producing up to 2400 lumens typical at 27.5W
- Available in 2700 K, 3000 K, 3500 K or 4000 K LED; 80 CRI min (1800 & 2400 lumen) or 90 CRI minimum (1500 & 2000 lumen)
- ENERGY STAR® Qualified

Juno® SlimForm™ LED Surface Mount Downlights
- Ultra-Slim ½″H x 1″W profile
- 50,000 hour service life
- Up to 414 lumens per foot and 83 lumens per watt
- Even LED spacing with no dark spots between fixtures
- Available in 4000 K or 5000 K with 80 CRI minimum or high 90 CRI minimum 3000 K
- ENERGY STAR® Qualified

Juno® Retrofit LED Downlight (J6RL) Trim Modules
- Available with choice of integral 600 lumens 11.4W or 900 lumens 14.5W nominal light engine
- Replaces up to 65W BR30 incandescent (600 lumen option) or 75W PAR30 lamp (900 lumen option)
- Designed for use in IC or non-IC construction
- ENERGY STAR® Qualified

Trac-Master™ Conix® II LED (T261L) Trac Head
- Small and compact, this elegant little fixture requires only 11 watts to produce up to 1,100 lumens
- Performance even surpasses 20W MR16 CMH while providing more than four-times additional rated life
- Produces highly consistent light in 2700 K, 3000 K, 3500 K, and 4000 K
- CRI choices include 80 CRI minimum, 90 CRI minimum or SpectralWhite
- ENERGY STAR® Qualified

Trac-Lites™ (R605L) LED Fixtures
- Available in 2700 K, 3000 K, 3500 K or 4000 K at 80+ or 90+ CRI
- Consumes only 10.5W, these track fixtures are highly efficient providing up to 100 lumens per watt
- Available in spot, narrow flood, flood, or wide flood beam distributions
- Interchangeable, precision-molded custom TIR optic assemblies
- Offered in black, bronze, silver or white finishes

Juno® Undercabinet Solo-Task LED Lighting
- Available in recessed and surface mount options
- Produces over 280 lumens
- Thin ⁹⁄₁₆″H x 2½″W profile
- Offered in white, brushed bronze, satin nickel and black finishes
- Consumes 3.8-watts - less than one-fifth the energy of equivalent halogen or xenon light sources and generate significantly less heat
- UL and cUL Listed

FlexConnect™ Architectural Linear LED Lighting System
- Easy to bend, shape and cut in the field for unrivaled application flexibility
- Produces up to 450 lumens per foot of brilliant white light
- Available in 2200 K, 2700 K, 3000 K, 3500 K and 4000 K with standard CRI of 80 minimum and CRI of 95 available
- Linear runs from 1-foot to 40-feet in length are possible with no voltage drop, ensuring even illumination

Juno® Pro-Series SoftTask™ LED Undercabinet Lighting
- Duplicates the light level of fluorescent undercabinet lighting while consuming only 45% of the energy
- Utilizes warm-white 3000 K LEDS tightly binned to within a 3-step MacAdam Ellipse for industry-leading color consistency, 90 CRI minimum
- Available in 22", 30" and 40" fixtures sizes with Passive Infrared (PIR) Occupancy Sensor
- ENERGY STAR® Qualified

Heavy-Duty Wire Stripper
- The durability of pliers with the sharpness and precision of a wire stripper
- Wire cutting, stripping, twisting and bolt shearing in one tool
- 4X stronger than traditional wire strippers
- Strips 10-18 AWG solid and 12-20 AWG stranded wire

Digital Clamp Meter AC Auto-Ranging 600A
- Automatically ranging true mean squared (TRMS) technology for increased accuracy
- Clamp measures AC current
- Test leads measure AC/DC voltage, resistance, continuity and tests diodes
- CAT IV 600V, CAT III 1000V, Class 2, Double insulation safety rating
- Built to withstand a 6.6′ (2 m) drop
- Includes carrying pouch, test leads and batteries

Heavy-Duty Diagonal-Cutting Pliers
- Extra-long cutting blades provide 57% more cutting surface for greater cutting ability
- Thicker forging for longer tool life
- 2000 series heavy-duty cutting knives cut ACSR, screws, nails and most hardened wire

Open Jaw Cable Cutter
- Reduced hand force for easier cutting
- Patented two-step ratchet mechanism requires fewer strokes per cut
- Cuts up to 600 MCM Copper and 750 MCM Aluminum
- Quick release lever allows removal of the cable before completion of cut

Non-Contact Voltage Tester w/Infrared Thermometer
- Detects AC voltage from 12 to 1000V with visual and audible indicators
- IR thermometer with user selectable °F / °C from -20 to 482°F (-30 to 250°C)
- Laser pointer helps target 4:1 distance to spot ratio for IR temperature

Multi-Bit Screwdriver with Storage 15 Pc
- Multi-bit driver includes 14 different screwdriver tips plus a ¼″ nut driver
- Internal storage for screwdriver bits
- Cushion-Grip Handle for maximum torque and comfort

Cable Skinning Utility Knife w/Replaceable Blade
- Heavy-duty 440A Stainless Steel sheepfoot blade is easily replaced eliminating the need for sharpening
- Handle has rubberized grip and release lever for lockback mechanism
- Replaceable blade is held securely by a captive screw
- Thumb stud for easy opening and pocket clip to keep knife readily available

Self-Leveling Cross-Line Laser Level with Plumb Spot
- Self-leveling, easy-to-read horizontal and vertical laser lines
- Plumb spot lasers to pinpoint overhead locations
- Integrated magnetic 360˚ mounting bracket with ¼" and 5/8" tripod mounting threads
- IP54: water and dust resistant
- Hard plastic carrying case included

Magnetizer/Demagnetizer
- Single swipe operation magnetizes and demagnetizes using powerful rare-earth magnets
- Fits most screwdrivers including precision screwdrivers, 1/4 Slotted, #2 Phillips and #3 Phillips
- No batteries required

⅛″ Wide Steel Fish Tape 240 ft
- Stiff, high strength steel is great for long runs and heavy duty wire pulls
- Laser etched markings in 1′ increments for more accurate measurement of the depth of conduit runs and the amount of tape left to pay out
- Raised fingergrips transfer 100% of the winding power from your hand and fingers

EPANL Series Fully-Luminous LED Flat Panel
- Shallow depth 0.64″ panel, 2.19″ height including the driver box
- Lumen packages: 3400L - 2′ x 2′, 4000L - 1′ x 4′ and 2′ x 4′
- MVOLT 120-277V standard
- Dimming to 10% with a 0-10V driver
- Long-life LEDs maintain 70% of their lumen output at 60,000 hours
- Some configurations are DLC Premium qualified products

BLT Series Luminaire and BLTR LED Relight Assembly with Power Sentry® Emergency Backup Drivers
- Available in 1′x4′, 2′x2′ and 2′x 4′ sizes
- Parabolics for energy savings of up to 60%
- Installs in less than 4 minutes from the room side—no need to access plenum
- Dimming to 10% with a 0-10V driver
- PS1055LCP and PS1555LCP Power Sentry® drivers are UL Listed for universal field install
- Some configurations are DLC Premium qualified products

LED Speaker Recessed Downlight (6SL) with Integrated Bluetooth® Speaker
- Available in 2700 K, 3000 K and 4000 K in 90CRI standard
- Fits in standard 6″ apertures and recessed cans
- Speaker wirelessly connects to most Bluetooth-enabled devices
- Wirelessly pair up to 8 speaker downlights
- Wet location listed
- TRIAC dimmable to 10%

Wafer™ LED Recessed Downlighting
- No housing needed
- Offered in 3" Round, 4″ and 6″ in Round and Square
- IC rated – safe to install in direct contact with insulation
- Edge-lit LED technology provides even illumination
- Available in 2700 K, 3000 K, 3500 K, 4000 K, and 5000 K color temperatures
- Dimmable to 10%
- Wet location listed
- ENERGY STAR® Qualified

XVML Vaportight
- Available in 3500 & 5000 lumens packages in 4000 K & 5000 K
- Multiple mounting options (surface, angle, junction box, chain/wire suspended)
- Easy-to-install, tool-less access
- IP66 Rating; Wet-Location Listed
- Polycarbonate frosted lens
- Some configurations are DLC Standard qualified products

I-BEAM® IBG LED High Bay
- Replaces up to 1000W HID
- Energy savings up to 65% when compared to fluorescent and HID
- Available in 8,000 to 60,000 lumens
- Offered in 2′ and 4′ with general, wide, narrow and focus distributions
- Available in 3000 K, 3500 K, 4000 K and 5000 K
- Some configurations are DLC Standard and DLC Premium qualified products
- Compatible with Haleon Sensor with Bluetooth® from Sensor Switch® controls

JCBL LED High Bay
- One-for-one replacement for existing HID fixtures to maintain traditional look of space
- Replaces up to 400W HID and 4- or 6-lamp T5HO luminaires
- 57% more energy efficiency over comparable HID fixtures
- Lumen outputs: 18,000 at 162W or 24,000 at 200W
- Rated for damp locations and features an IP65 rated optical enclosure
- Some configurations are DLC Standard qualified products

LED Contractor Dual Strip Light (CDS)
- Available in 2,200 (2′), 4,200 (4′) or 9,000 (8′) lumens
- Up to 120 LPW
- Offered in 2′, 4′ and 8′ lengths
- Available in 3500 K, 4000 K & 5000 K
- Continuous-row mounting
- End-to-end illumination with no pixelation
- 35°C Ambient Rating
- Some configurations are DLC Standard qualified products

MRSL LED Strip Retrofit Kit
- Permanent retrofit solution that will withstand the test of time
- Replaces T8 and T12 strips while saving up to 40% in energy costs
- Lumen packages ranging from 1,500-10,000 and available in 4′ and 8′ configurations
- Quick and easy installation
- Mounted to traditional channels that are 2.75″ to 5″ in width
- Integrated sensor and battery pack
- Some configurations are DLC Standard qualified products

CLX LED Linear Strip Light Series
- Available in 1,500 to 20,000 lumens
- Standard and High Efficacy options, up to 160+ LPW
- Available in 2′, 3′, 4′, and 8′ lengths
- Continuous-row mounting
- End-to-end illumination with no pixelation
- Smooth, clean housing with diffuse lenses offered in flat, round and wide options
- 40°C rating standard; 50°C option
- Some configurations are DLC Standard qualified products

radiant® RF Lighting Control
- Homebuyers prefer app or touchscreen lighting control
- Voice activated control with Amazon Alexa and Google Home
- Native Q-Motion shade control
- Easily integrates with Crestron and Control 4
- Universal LED dimming switch or module

Premium HDMI Cables
- Today's new 4K Televisions work at 2160p which is 4 times the clarity of 1080p/60
- Legrand's premium cables can handle a full 18 gigabits per second (Gbps)
- Previous generations of cables may work, or they may create snowing, loss of audio, or other issues.
- Choose the HDMI cable you know will work, not hope will work
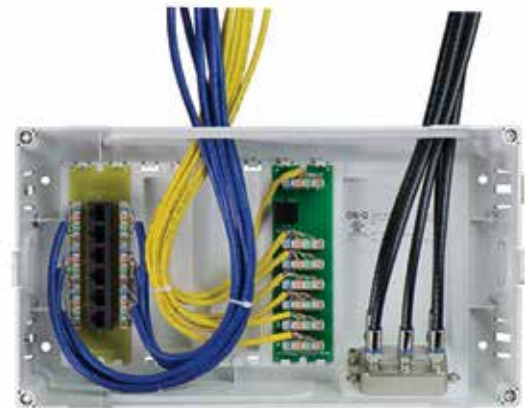- Copper or Active Optical Fiber for installations up to 75 meters

Plastic Structured Wiring Enclosures
- Great for wireless and wired installations
- Attractive design suitable for living spaces
- Extra venting keeps equipment cool
- Universal mounting grid works with multiple manufacturers
- Available in 21, 30 and 42" versions

Low Voltage Brackets
- Complete family
- Rugged and reliable
- Larger openings
- Available with time saving Quick/Click device mounting

MDU Enclosures
- MDU enclosure solution provides easy, cost-effective distribution for video, voice, and data services throughout multi-dwelling units or small homes
- The ideal solution for meeting a project's specific needs with simplicity and speed
- Simplifies the specification and installation of basic wiring projects
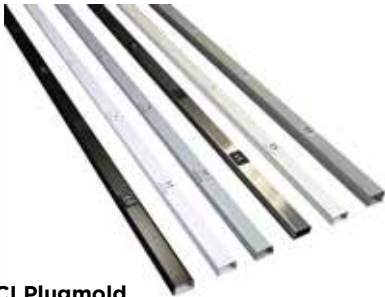

Cable Access Straps
- Clean finished appearance
- Strong cable retention
- Available in White and Light Almond

Outdoor Ground Box
• Bring power safely to outdoor areas
• Nema 6P, IP68 While in use rated
• Multiple Colors
• Gangable design allows data or AV in same location

USB and GFCI Plugmold
• 2.4A USB Type A receptacles provide a fast charge
• Multiple versions: GFCI, All USB, Alternating USB and Power, and USB with power
• Backsplash tile work remains clean and uncut
• Patented tamper-resistant shutter system
• Available in 3', 5' and 6' versions
• Black, gray, ivory, white, anodized aluminum and stainless steel

OFR Raceway
• Bring power, communications and A/V connectivity anywhere
• ADA compliant
• Very few SKU's
• Ideal for retrofit conference rooms
• Easy to Install, mounts directly to the floor covering, whether it's wood, tile, or carpet

Evolution Poke-Thrus
• New 4″ size expands the family to 4″, 6″, 8″, and 10″
• Available pre-wired for faster installation
• New & Improved Cover Design
• ADA Compliant and UL 2hr Fire Rated
• Power, communications & A/V compatibility

Plug-In Outlet Centers
• Hospital/medical grade
• Data cabinets and racks
• Rugged industrial versions
• Workstation units
• Furniture installed designs

PVC Floor Boxes
• Round (881) or rectangle designs (880MP)
• Ratchet-Pro™ Cover System works with uneven concrete
• Models with 2″ KO's available
• Graduated cubic inch marking on inside of box
• Complete line of brass, brushed aluminum, and polycarbonate covers

LEVITON®

centennial
1919 | 2019
PARTNER

Dual Function AFCI/GFCI Receptacle
- Meets the latest UL standard for auto-monitoring (self-test); periodically conducts an automatic internal test to confirm that GFCI protected power is available
- Trip threshold meets or exceeds UL requirements for tripping time on ground faults and on both series and parallel arcs for optimal safety
- Patented Lockout Action prevents reset if the device is damaged

Heavy-Duty Industrial Specification and Hospital Grade Receptacles
- Body and face made of impact-resistant advanced engineering polymer for extreme durability
- Meet all UL, CSA, and Fed Spec requirements
- External wiring clamps allow for back or side wiring, and provide visual verification of termination and a faster, easier installation

Marked Controlled Receptacles
- Can be used to comply with NEC Article 406.3(E), CA Title 24 & ASHRAE Energy Efficiency Standard 90.1
- Decora Plus™, Standard Duplex and Lev-Lok® options available
- Marked with a specific symbol and the word "CONTROLLED" on the receptacle

USB Charger/Duplex Tamper-Resistant Receptacles
- Smart chip recognizes and optimizes the charging requirements of individual devices
- Combined total of 5.1A of charging power
- Type-C port is compatible with the newest devices

Powerswitch® Safety Disconnect Switches
- Non-Metallic versions available in 30A, 60A, and 100A, Fused & Non-Fused
- Rated to IP69K, IP66/67/68/69, UL 50E Type 3R, 4, 4X, 6P, 12, 13
- Stainless Steel versions available in 30A, 60A, 80A and 100A, Non-Fused
- NSF Certified for hygiene requirements in food & beverage processing

Lev-Lok Modular Wiring Devices
- Switches, Occupancy Sensors and Receptacles available in Hospital Grade, Specification Grade, Surge Protective and GFCI
- Installation is 3x faster than traditional wiring
- Meet current and future building needs with ease of installation and replacement

Weatherproof Covers
- Can be used to comply with NEC® 2017 Section 406.9 for weatherproof enclosures in wet and damp locations
- Available in a wide array of configurations for protecting switches and receptacle outlets
- Extra duty models meet or exceed the most stringent impact resistance tests required in UL 514D, ensuring maximum safety in abusive environments

Provolt™ Room Controller (PRC)
- Easy standalone 0-10V dimming and occupancy/vacancy sensing control
- Easy installation with only two devices required for a complete solution
- Easy setup with the Provolt App—no ladders required
- Easy template creation to quickly program multiple rooms
- Enable daylight harvesting and demand response via the App

Decora Digital Dimmer
- No hub, Internet or gateway needed
- Control manually or using free iOS and Android app
- Bluetooth compatibility provides point-to-point control up to 30 feet
- Wirelessly control, adjust and time lighting from a Smartphone or tablet
- Countdown (sleep) timer and programmable timer that automatically adjusts to sunrise/sunset times and daylight savings

VerifEye™ Submetering Solutions
- Flexible line includes submeters, communication products, and BMO 3.0 energy information software solutions
- Easy integration with third party building management system platforms
- Installer friendly, reverse phase LED and power and load indicators provide installation diagnostics
- Ease of communication between multiple parties and platforms

Decora Smart with Wi-Fi Technology
- Control lights and loads from anywhere using the free My Leviton app for iOS and Android, no hub required
- Great for retrofits - simply replace existing lightswitch; no bridges or extra hardware needed
- Automate based on time schedule or Sunrise/Sunset, easily group devices into rooms, and create lighting scenes
- Voice control every home – "Alexa, turn outdoor lights to 50%" or "Ok Google, turn [Everything] On"
- Multi-Way Compatible, 6 color options available, and works with Decora screwless wallplates

Samsung SmartThings + Leviton Bundle
- Affordable yet comprehensive whole-house automation from two of the best manufacturers in the world
- Includes Samsung SmartThings v2 Hub, Leviton DZ6HD Dimmer, Leviton DZ15S Switch
- Compatible with many Leviton wireless devices including sensors, thermostats, and load controls, as well as third-party devices including locks, cameras, and more.
- Voice controlled home automation - Amazon Echo or Google Home
- Bundle sold exclusively via electrical distribution at a great value for mass-market, MDU, and builder home automation projects
- Please visit Leviton.com/SmartThings to see installer information, compatible products, FAQ, and marketing materials like brochures

Lumina Gateway Wireless Energy Management System
Powerful wireless energy management solution for small commercial, new construction and retrofit, controlling lights, fans, shades, pumps, and more
- The Gateway, motion sensor, door/window sensor, light switch, thermostats, and load control modules can allow automated control of loads with remote control from a tablet/smartphone
- Create a complete wireless ecosystem to control lights, temperatures, heavy-duty loads like pumps, window coverings, and much more
- Easy schedule-based programming for automated energy savings
- With no monthly fees and free remote access, it's perfect for restaurants, retail, and small offices
- Receive automatic e-mail alerts based upon events

Decora Smart with Z-Wave Technology
- Pair with your favorite hubs and security systems including Samsung SmartThings
- Dimmers, Switches, and Plug-In Modules available with Z-Wave Plus certification
- Multi-Way Compatible, 6 color options available, and works with Decora screwless wallplates
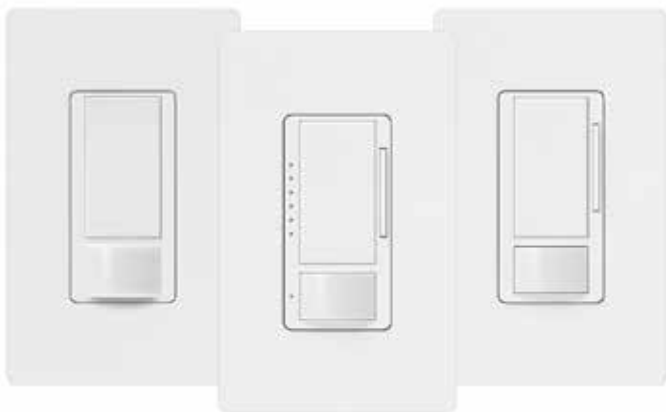- Industry-leading Five-Year Limited Warranty

Architectural Edition Speakers, Powered by JBL
- In-wall, in-ceiling, outdoor, and home theater speaker models available
- Engineered for the custom installer in mind with a whole-room, seamless audio and visual design and superior installation brackets
- Paintable, nearly invisible zero-bezel magnetic grilles
- Optional rough-in kits available for pre-construction installation
- Signature JBL Loudspeaker performance providing room filling sound with clean powerful highs

LUTRON

centennial
1919 | 2019
PARTNER

Vive
- Simple, scalable, wireless solution for new and existing commercial buildings
- The Vive product family lets you personalize control to each space in your building
- Specifying Vive reduces design time and callbacks and allows for changes during the project without the need for redesign
- No factory setup required – Simple setup and programming options with the Vive hub
- App guides to help you meet codes – lutron.com/AppGuides

In-wall Sensors
- Full line of reliable in-wall sensors with a clean aesthetic and tamper-resistant lens
- Easy button-press set up saves time
- Lutron proprietary XCT technology ensures lights stay on in occupied spaces
- Models for any application and all lighting loads that include mistake-proof wiring (no polarity for line load)
- Sensor selection tool – lutron.com/SensorSelectionTool

Caséta
- Control lights, shades, temperature, and audio from anywhere
- Supports up to 50 devices
- Save time and avoid hassle with an easier 3-way – no additional wiring necessary
- Works with compatible dimmable LEDs, incandescent, and halogen bulbs
- Add control from a smart device using the Lutron Smart Bridge – Free app is available for IOS and Android
- Set timer once and never reset again – schedule automatically adjusts when seasons change
- New integration partners are always being added.

RA2 Select
- Lutron's newest whole home lighting control system is making smart home integration simple
- Supports up to 100 devices, works with a home's existing wiring, and features automated scene configuration
- C•L dimmers work with compatible dimmable LEDs, incandescent, and halogen bulbs
- Automated system configuration – Set schedules and enable control from anywhere in the world
- Expand beyond lights and shades with voice, audio, video, and temperature control from other leading brands.

C•L Dimmers
- First dimmers truly designed for LED dimming, and tested to work with more than 1,000+ lamps
- Don't require a neutral or special wire temperatures
- Take the hassle out of low-end adjustments
- Use patented technology to prevent dimmer interaction and minimize flicker, for beautiful LED dimming
- Reverse-phase LED dimmers now available
- New Maestro fan control and LED dimmer – Specifically designed to adjust your fan speed without pull chains from one wall control.
- lutron.com/BulbSelector

WhisperGreenSelect
• Customizable, all-in-one fan
• Pick-A-Flow™ speed selector – one fan, you choose the CFM
• Pre-installed multi-speed control module with high/low delay timer up to 60 minutes
• Plug 'N Play™ modules provide up to two value added features (select from SmartAction® Motion Sensor, Condensation Sensor or NiteGlo™ LED Night Light)
• Revolutionary DC motor with SmartFlow™ technology for optimum CFM output
• Flex-Z Fast™ installation bracket provides flexible, fast and easy installation
• Integrated dual 4″ or 6″ duct adapter
• Fits in 2 x 8 construction
• Lighted version has Two replaceable, 7W, GU24 base LED lamps
• UL listed for tub/shower enclosure when GFCI protected
• Can be used to comply with ASHRAE 62.2, LEED, CALGreen,
• California Title 24, WA Ventilation Code and ENERGY STAR® for Homes 3.0
• Revolutionary ECM motor with SmartFlow™ technology for optimum CFM output

WhisperCeiling
• Quiet, yet powerful – ideal for new and remodel residential applications
• Integrated dual 4″ or 6″ duct adapter on 50-110 CFM models
• 50-110 CFM models fit in 2 x 8 construction
• Large volume (190-390) CFM options available for light commercial applications
• UL listed for tub/shower enclosure when GFCI protected
• Models incorporate one 10W dimmable LED chip panel with <1W LED night light for warm, energy efficient illumination (night light must be wired separately)
• Can be used to comply with ASHRAE 62.2, LEED, IAP,
• EarthCraft, California Title 24 and WA Ventilation Code
• Pick-A-Flow Speed Selector (50-80-110 or 110-130-150 CFM models) combined with SmartFlow™ Technology simplifies the selection process and ensures optimum performance to meet code and reduce callbacks
• Revolutionary ECM motor with SmartFlow™ technology for optimum CFM output

WhisperFitEZ
• Ideal for remodeling and hotel new construction or renovation
• Pick-A-Flow™ Speed Selector – one fan, you choose the CFM (80 or 110)
• Flex-Z Fast™ bracket provides flexible, fast and easy installation
• Detachable installation adapter provides even greater flexibility
• Low profile housing design fits in 2 x 6 construction
• 4″ duct with 3″ duct adapter included
• UL listed for tub/shower enclosure when GFCI protected
• Lighted version has (2) 13W self ballasted GU24 base CFL lamps and a 4W night light
• Can be used to comply with Title 24, ASHRAE 62.2, LEED, IAP, California

WhisperValue
• Ideal for residential construction (single and multi-family) and manufactured homes
• 3⅜″ housing depth – lowest profile ENERGY STAR® fan available
• UL approved for ceiling or wall mount – perfect fit in a 2 x 4 stud bay
• Wall installation eliminates the need and cost for a radiation damper
• Optional 24 gauge steel, fire code rated 4″ oval to 3″ round duct adapter, sold separately (Model # FV-VS43R)
• UL listed for tub/shower enclosure when GFCI protected
• Lighted models incorporate one 10W dimmable LED chip panel with <1W LED night light for warm, energy efficient illumination (night light must be wired separately)
• Can be used to comply with Title 24, ASHRAE 62.2, LEED, IAP, California
• Pick-A-Flow Speed Selector, one fan, you choose the CFM (50-80 or100 CFM)
• Revolutionary ECM motor with SmartFlow™ technology for optimum CFM output

WhisperRecessed LED
• Architectural grade recessed fan/light
• Ideal for use in the bathroom, living room or laundry room
• Quiet and powerful 80 CFM ventilation hidden above the ceiling
• (1) 14W GU24 base, dimmable LED lamp
• Adjustable recessed light minimizes glare
• Beautiful lighting with 6½″ aperture and advanced luminaire design
• Integrated dual 4″ or 6″ duct adapter
• Fits in 2 x 8 construction
• UL listed for tub/shower enclosure when GFCI protected
• Can be used to comply with ASHRAE 62.2, LEED, IAP,

EcoVent
• Ideal for new residential construction
• Perfect cost effective ENERGY STAR® solution for Home Builders
• 70 CFM – 0.4 sones at 0.1″ w.g. (56 CFM/1.1 sones at 0.25" w.g.)
• Unique Veri-Boost™ integral switch ensures the fan meets designed airflow requirements and provides Ventilation
• Verification Assurance: ≥50 CFM installed performance, to help meet the new ENERGY STAR® 3.0 standards
• Small grill design complements the aesthetics of your bathroom, powder room or laundry room
• Fits in 2 x 6 construction
• Available in contractor packs only – housing and motor/grille packaged separately reduces risk of parts being lost or damaged on site
• UL listed for tub/shower enclosure when GFCI protected
• Can be used to comply with ASHRAE 62.2, LEED and ENERGY STAR® for Homes 3.0

EvoKit LED Retrofit Kit
- Efficacy up to 110 lm/w
- Either 0-10 or Mark10 dimming drivers to help curb energy use and meet new legislative standards when paired with suitable controls solutions
- Simple installation in under 5 minutes
- Multiple sizes, color temperatures and lumen packages available

InstantFit LED T8 Lamp
- Full light output in spaces with temperatures down to -4˚F (-20˚C)
- Perfect for applications with frequent "on/off" switching cycles
- Buildings that desire to be mercury free
- Suitable for damp locations
- Glass-free for use in food areas and refrigerated food displays
- 2', 3', 4', T5HO, PL-L, and PLT/C replacement LEDs

Fluxstream LED Family: Strip, Industrial and Wrap
- Consistent look and light output throughout your space
- All versions are dimmable, with optional controls
- Long term energy savings and long life over traditional fluorescent technology
- Available in 2' and 4' options
- Several lumens packages and optical distributions available
- Choice of mounting options

LED General Purpose PAR Lamps
- Available in wide range of color temperatures, lumens and wattage options
- Flexibility in technology: choose options such as single optic, glass, Expert Color, and more
- Familiar look and feel of halogen technology, with a fraction of the energy costs
- No mercury
- Long life reduces maintenance costs by reducing re-lamp frequency

LED Lamps with WarmGlow Technology
- Transition from 2700K to 2200K with dimming
- Excellent color rendering of 80 CRI
- Flexibility to create the right light level and ambiance
- Integrate seamlessly into recessed luminaires
- Uniform light distribution with greater visual comfort
- Available in "A", BR20, BR30, BR40 and decorative shapes

FBX HighBay
- Suitable for retail, cold storage, manufacturing, warehousing and many other large indoor spaces
- Wide range of lumen packages, optical distributions and accessories available
- Energy savings over fluorescent technology
- Spacewise technology is available for additional savings and control
- Can be cable, chain or pendant mounted

Philips Lightolier LyteCaster Downlights
- Comfortable, quality illumination for new construction and renovation spaces
- Shallow height and modular design make it a versatile lighting option
- Available in 4″ (650 lm&1000lm), 5″ (1000 lm&1500lm), and 6″ (1500 lm&2000lm) aperture sizes. The 5″ is also available with a warm glow dimming effect from 2700K-2200K

True Force Post Top and High Bay LED Lamps
- Fast payback – less than two years
- Easy adoption – no need to change the fixture or gear. Typical saving between 50%-90% of the installation time
- High compatibility – true 400W metal halide replacement for high bay applications and, save up to 75% in energy consumption
- Sustainability – low energy consumption when compared to conventional technologies
- 5 year warranty with 50,000 hour life vs a typical 20,000 hour life for metal halide lamps
- Instant on. No warm up time compared to HID lamps

LED T8 Driver
- ICN-2P16-TLED-N operates 1 or 2 lamps
- ICN-4P16-TLED-N operates 3 or 4 lamps
- IntelliVolt 120-177V
- Based on economical eFluo ballast platform; lamps operated at high frequency
- Optimized to provide the highest efficiency while operating TLED lamps at their design wattage/lumens
- When replacing existing ballast due to age or mandate, new drivers offer the highest efficiency opportunity
- ICN-3P16
- IZT dimming

Downlights/RDLED 2" Downlight
- 8W replaces 50W MR16 with energy savings of 82%
- Up to 696 lumens, 79 lm/W
- TRIAC dimmer compatibility for additional light control down to 5%
- Precision-engineered optics deliver smooth light without hot spots or glare
- 100,000-hour LED Lifespan

Indoor LED Panel/EZPAN™
- Evenly diffused ambient illumination
- Offered in two sizes and three wattages: 2x2 (30W and 40W) and 2x4 (40W and 50W)
- 0-10V dimmable driver, standard
- Emergency battery backup option available
- Available with factory-installed Lightcloud™ lighting control system Controller
- Ultra-efficient edge-lit LED panel with an efficacy of up to 130 lm/W

Indoor Commercial LED Downlight/DLED8
- Available with high 90+ CRI
- Universal driver is compatible with TRIAC, ELV and 0-10V dimmers
- 30W DLED8 replaces 50W MH and 32W CFL, 38W DLED8 replaces 70W MH and 42W CFL
- Lightweight design for easy installation and increased safety
- Available in 2700, 3000, 3500 and 4000K

Stairwell LED Luminaire/TREADSAFE™
- Available in 2 ft. (28W) and 4 ft. (36W)
- Diffused lens for smooth light distribution
- 0-10V dimming driver, standard
- Optional integrated ultrasonic motion sensor; more reliable than passive infrared (PIR) which requires a clear line of sight
- 100,000-Hour LED lifespan

Linear LED Luminaire/BOA™
- Proprietary optics produce soft dimensional illuminance at the lens and over 700 lumens per linear foot
- Length offered in 2-foot increments up to 12 ft.
- Available in two light levels; 5W or 10W per linear foot
- 0-10V dimming down to 10%
- Pendant, recessed and surface mount options
- 100,000-Hour LED lifespan, no tubes to replace
- All mounting hardware included for pendant models

Garage Light/PORTO™
- Integrated photo/motion sensor control available
- Replace up to 175W MH
- Ultra-High efficiency up to 118 lm/W
- Pendant and surface mount
- Low glare, vandal-resistant polycarbonate lens
- 20% uplight eliminates "cave effect"
- Three power packages available in 30, 42 and 55 Watts

Lightcloud™ Lighting Control System
- Scheduling, daylight harvesting, personal dimming, occupancy & vacancy sensing
- Save users up to 68% on lighting energy costs starting on day one
- Unlimited tech/user support and set up
- Measures, tracks and reports real & estimated power usage over time
- Lightcloud™ devices communicate over secure, wireless mesh network
- 10-year full hardware warranty

Indoor LED Center Basket/SWISH™
- Available in 2x2 (19 & 29 Watt) and 2x4 (39 & 49 Watt) models.
- 0-10V dimming standard on all models
- Emergency battery backup available
- Optional occupancy sensor or Lightcloud™ Controller
- 100,000-Hour LED lifespan

Linear LED Washdown/SHARK™
- Available in 2 sizes and 4 wattages: 2 ft. (18 and 25W), 4 ft. (36 and 50W)
- Versatile mounting options: Chain, junction box, angled surface mount or vandal-resistant surface mount
- IP66 and NEMA 4X ratings protects against dust, water ingress and corrosion
- 0-10V dimming
- 100,000-Hour LED lifespan

LED Area Light/ALED360
- Available in 260W or 360W
- Optional integrated motion sensor/photocell for multi-level control
- Optional bi-level dimming (enables 25, 50 or 75% dimming)
- Multiple mounting options: pole, slipfitter or wall
- 5 Pin and 7 Pin ANSI 136.41 control receptacles available
- 100,000-Hour LED lifespan
- 1,000 Watt equivalent

Enclosure/316 Stainless Steel TS8
- UL Type 4X modular enclosure has rugged stainless steel platform for harsh environments
- 30% more mounting space than traditional unibody enclosures of equal dimensions
- Four-point latching system and foamed-in-place gasket provide a water and dust proof environmental seal

HMI, Operator Housing/Comfort Panels
- Aesthetic and functional aluminum or carbon steel HMI enclosures are lightweight, easy to modify, and provide heat dissipation
- Built in handles with plastic corner protectors provide easy adjustment of panel position
- Removeable aluminum front panels can easily be modified for holes/cutouts and component mounting

Support Arm Systems
- Suspension arms allow engineers the design flexibility to provide maximum user to machine interface interaction with consideration of user safety and ergonomic functionality
- Rittal CP60, CP120 and CP180 systems provide the same aesthetics in three different size offerings
- Simple time saving level adjustment system make installation and adjustment easy

WM Wallmount Enclosure
- One-piece welded and removable door; continuous 1-piece, foamed-in-place gasket
- Zinc-plated mounting panel included
- Wall-mounting holes (carbon steel), sealed rivet nuts (stainless steel)
- Flange-trough collar opening channels liquids, dirt, and dust away from enclosure sealing surface

LED Lights
- Double the illumination and save on energy at the same time. 4000K Neutral White. Ready for immediate global use with wide-range voltage 100-240 V (AC) and 24 V (DC)
- Rotating connectors allow for easy installation in confined spaces. Motion sensor or door switch versions available
- Compact tool-free assembly clips to latch-in hook pattern with the option for screw fastening. Magnetic option also available

Enclosures / Hygienic Design
- Designed to meet the most stringent sanitary and cleaning requirements of Food and Beverage Industries
- Sloped surfaces facilitate quick runoff of liquids
- Unique one piece blue silicone gasket provides long life and replaceable while maintaining industry certifications.
- IP 69K and UL Type 4X Listed

Enclosures/Flange Mount Disconnect TS8
- Flexible and modular enclosure design listed UL Type 12 that allows for easy integration and accepts most commercially available operator handles
- Expandable and modular enclosure compatible with all standard TS8 accessories
- Optional high amperage adapter plate allows for future system upgrade without performing additional cutouts in the field while maintaining Type 12 rating

Air Conditioners/TopTherm Blue e Cooling Units
- Cooling capacities range from 1025 BTU to 14,500 BTU (300W - 4kW)
- Available in wall mount and roof-top mount configurations
- Integral electric condensate evaporator
- Coated condenser coil may eliminate the need for a filter and reduce maintenance costs
- Digital e-Comfort controller display has more than 20 failure and alarm codes
- Available in NEMA 12, 4X

Air Conditioners/ Blue e+ Cooling Units
- Energy costs account for almost 50% of the total cost of an air conditioner. Rittal's Blue e+ hybrid technology saves up to 75% in energy costs
- Multi-voltage design allows one unit for use in 110V - 240V;1~; 50-60Hz and 380V - 480 V; 3~; 50-60Hz applications without additional transformers
- Cooling capacities range from 6826 BTU to 20,500 BTU(2kW - 6kW)
- Speed regulation for demand-based cooling provides more consistent temperature control
- Large, user-friendly, multi-lingual, Industrial-grade touchscreen display
- UL Listed

Harmony XB7—22mm Monolithic Pushbuttons, Switches and Pilot Lights

Complete offering of 22mm controls including: spring return push buttons, illuminated buttons and switches, mushroom head emergency stop buttons and more.

• Complete product (contacts are built in) with a full complement of accessories

Harmony XVU Tower Lights

Modular customizable signaling solutions from 1 to 5 LED colored lights and sound options with a 60mm diameter

• Modular—can be configured easily
• Super Bright Integrated LED— no bulbs to replace
• Configurable light patterns and customizable sounds - record your own messages

Altivar ATV320 Drive for Simple and Advanced Machines

• The Altivar Variable Speed Drive designed for OEMs that meets simple and advanced application requirements for 3 Phase synchronous and asynchronous motors from 0.18 to 15 kW (0.25 to 20 Hp)
• Simple installation, advanced connectivity, reliable motor control, continuous machine operation and comprehensive embedded safety solutions

Magelis GTU HMI

The Magelis GTU HMI offers the best flexibility with its unique concept. Combine a CPU box with a display of your choice.

• Availability of 4:3 and 16:9 format and multi display function to ensure a high level of performance and openness

Modicon M340 PLC

The Modicon M340 PAC provides numerous cost and high-end performance in a mid-range processor.

• Compact size (4 in. height by 3.7 in. depth)
• High-density 64 point digital I/O cards and 8 channel analog I/O cards (Standard X80)

Panel-door Mounted 22mm RJ45/ USB Data Ports

• Access your machine diagnostics from the front of your panel protecting your equipment and personnel
• RJ45/USB Data ports fit into standard 22 mm cut-outs for quick and easy installation

Zelio RXG Plug-In Interface Relays

RXG Relays save valuable panel space while delivering robust performance.

• 16mm wide to maximize panel usage
• Industry standard products = direct replacements for the competition
• 1 C/O 10 A, 1/3HP and 2C/O 5 A, 1/6HP models

Drives for Industrial Processes

• Specifically designed for industrial processes such as: Oil & Gas, Food & Beverage, Mining, Metals and Minerals, and Water and Wastewater Management

Altivar ATV630 Drive for General Purpose, Pumps and Fans

• Over 30 functions dedicated for pumping applications as well as functions for fan and simple material handling applications
• Real time energy monitoring, keypad display, embedded fieldbus, and smart device monitoring

Altivar ATV930 Drive for Mechanical Movement and Artificial Lift

• Maximize productivity with excellent motor control and connectivity capabilities (1HP to 500HP)
• The first service oriented drive with embedded
• power measurement and energy dashboard

M221/M241/M251 PLCs

• Compact or Modular design
• USB, Serial & Ethernet for flexibility in connectivity and communications
• Ethernet IP Scanner (master) and Adaptor (slave) capability
• Host Custom web pages designed in SoMachine Software (WebVisu)
  - Accessible on any Smart Phone or Computer with a web browser

Modicon M580 ePAC

• Ethernet backplane offering 10x communication speed
• Cyber Security ready with Achilles Level 2 certification
• Advanced functions with High Availability services
• Hot Standby Processor and power supply redundancy

SQUARE D ™

by **Schneider** Electric

10·0
Peter B. Schneid
centennial
1919 | 2019
PARTNER

I-Line Combo Panelboard
- Saves time and space by combining I-Line and NQ/NF sections in one panelboard
- Requires up to 40% less space
- 600y/347 Vac, 48 Vdc maximum
- 1200 A max main circuit breaker or 800 A max main lug
- 1200 A max branch circuit breaker
- Available in single enclosure (26" and 32" width) or duplex enclosure (32" and 44" width)

I-Line Smart Cell for I-Line Panelboards and Switchboards
- Efficiently monitor system status and manage energy
- Communicate over Ethernet
- Add communications without adding footprint or high costs
- As easy as adding an I-Line circuit breaker
- Units available for ERMS, metering, IFEs, and more!

PowerPact B CBs for I-Line/OEM Panels
- Innovative circuit breaker with a space-saving design
- One-click accessories make it easy to customize.
- Smaller than previous PowerPact circuit breakers.
- Wider range: 15 - 125 A.
- A variety of connections types, including EverLink creep compensating technology.
- Din rail and screw mounting

MD Enclosed Motor Disconnect Switch
- Ideal when disconnect is required near motor.
- Compact, robust NEMA 4X enclosure
- 30 amp and 60 amp sizes, HP rated.

Whole Home Surge Protection
- 80% of surges originate inside the home
- Only 20% of surges are caused by lightning strikes
- Protects valuable electronics not attached to surge strips
- Surge protection from 22.5kA to 80kA*
- Warranty protection from 2 year/$10,000 to 5 year/$100,000*
- Plug-on Neutral Breaker SPD version now available!
  Depending on Model

Surgelogic SurgeLoc
- Engineered with input from contractors
- Quick and easy installation
- Easy field mounting and retrofitting
- Custom bus bar, rails, dead front, and fasteners not required

Solar Combiner Box
- First line in market designed with solar installers and electrical contractors in mind
- Variety of sizes and multiple mounting choices meet any PV system need
- Flexible installation with top, bottom, and side entry
- Substantial wire bending space
- Touch-safe interior shielding guards

Harmony XB5R Wireless, Batteryless Push Button
- Quick and easy installation
- Eliminates wires and cables
- Flexible due to its mobility
- Greater control and mobility for operators
- Maintenance-free

QO & Homeline Load Centers with Qwik-Grip and Plug-on Neutral
- Save time and work smarter - up to 40% faster installation
- Qwik-Grip makes installation easier and faster
- Eliminates most knockouts and box connectors
- Speeds up and simplifies rough-ins
- Plug-on Neutral means no more pigtails
- Speeds up breaker installation
- Frees gutter space

Safety Switches
- Designed to outperform other switches in wide range of demanding applications
- Time-saving design features make installation quick and easy
- Visible blades verify down-stream circuit is de-energized
- Rugged construction and corrosion protection

eFab™ by Thomas & Betts
- Fully engineered, prefabricated electrical rough-in systems
- In the wall: Prewired MC or NM cable branch wiring systems
- In the ceiling: Pre-cut strut, prebuilt trapeze systems, and cable and basket tray takeoff and design
- In the floor: Prewired floor boxes and poke-throughs and basket tray takeoff and design
- Dedicated engineering support team to assist with design and preplanning

Ocal® PVC-Coated Conduit and Fittings
- UL® Listed with both the zinc coating and the PVC coating investigated and listed per UL6
- Industry-leading thread protection through a hot-dipped galvanizing process
- "Double-Coat" fittings with urethane and PVC for enhanced corrosion protection
- On-site installation training and certification, with an extended warranty on installations by certified installers

T&B EX™ Hazardous Location Enclosures
- Complete offering of enclosures, motor control and panelboards for hazardous locations
- Motor control features compact, innovative ABB controls and circuit protective devices
- Customized enclosures are available to help end-users meet specific application requirements
- Control stations and pilot devices (push buttons, pilot lights, selector switches) available

TY-RAP® High Performance Cable Ties and Accessories
- The original cable tie invented by Thomas & Betts
- Complies with the new UL62275 standard
- Most are also AH-2 plenum rated
- Offering of both detectable and bacteria-resistant cable ties

T&B Solar Solutions
- Ty-Rap® weather-resistant nylon 12 cable ties and cable edge solar clips
- Blackburn® ground rod clamps, mechanical lugs and solar panel grounding lugs
- Color-Keyed® one- and two-hole, standard- and long-barrel compression lugs and splices
- Color-Keyed C-taps for 600V applications and Dragon Tooth® transition washers

T&B Liquidtight Systems™ Flexible Metal Conduit and Fittings
- Complete range of reliable, high-performance liquidtight fittings (steel, stainless steel, aluminum)
- Full offering of liquidtight flexible metal conduits for commercial and industrial applications
- Conduits and fittings have been tested together to ensure liquid ingress protection
- Technical Datasheets and Selection Guides for easy selection of an appropriate conduit and fitting solution

SuperMag™ Magnetic fittings for Superstrut® Metal Framing
- Eliminate the need to manually hold fittings and strut together while installing
- Available in steel with both GoldGalv® and SilverGalv® finishes
- SuperMag fittings support at least 2x their own weight
- Magnets are staked in place for dual-sided use

SUPERSTRUT® Pre-Fab Strut Services
- Custom metal framing products and services to help reduce end-user material and labor costs
- Eliminates the cost of over-ordering material, on-site fabrication, scrap disposal and storage
- Strut channel in any length you need from 1 ft. to 18 ft.
- Custom engineering and pre-fabrication of trapeze systems and support structure
- No-cost, no-obligation quotes

Connectivity and Grounding Solutions
- Color-Keyed® compression lugs are UL®Listed for use with both copper code and flex conductors
- T&B Lug Link™ app makes it easy to select and configure connectors
- Hex-Flex™ crimp dies offer excellent pull-out strength plus embossed die code for easy inspection
- Complete range of Blackburn® mechanical, compression and exothermic grounding systems

Food and Beverage Solutions
- T&B® Fittings stainless steel rigid conduit, elbows and conduit bodies
- Adaptaflex® flexible metal conduit and fitting system with anti-microbial additives in the conduit jacket
- Superclean™ wall offsets allow for easy cleaning behind wall-mounted equipment
- Ty-Rap® detectable cable ties reduce the risk of contamination

The Supply Line 2018