



**ENGINEERED
PRODUCTS CO.**

PRODUCT CATALOG

VOLUME XXI, ISSUE 1

WELCOME

WELCOME TO ENGINEERED PRODUCTS COMPANY!

Engineered Products Company (EPCO) is a family-owned business located a few miles from downtown Minneapolis, Minnesota. We are a premier supplier of specialty products for electrical distributors and contractors. Our product line features a unique blend of time and labor-saving products, which are cost-effective and competitively priced to meet a broad variety of applications in commercial, industrial, residential, and agricultural buildings.



EPCO's facility in Minnetonka, Minnesota.

Our standard cataloged products are in stock at our 50,000 square foot warehouse and available for immediate shipment. We work directly with Electrical Distributors to provide you with reliable and durable high-quality products, extraordinary customer service, pre-purchase technical support, easy ordering, and we will ship your order 100% complete in 24 hours. As an industry leader we also provide comprehensive after sales technical support, and hassle-free product returns.

If you do not see exactly the product you need, contact your local EPCO Sales Representative or EPCO Inside Sales. You can also visit our website at engproducts.com. Our team will work with you to configure the best product solution to meet your application needs.



OUR LOCATION

ENGINEERED PRODUCTS COMPANY
5401 SMETANA DRIVE
MINNETONKA, MN 55343

CONTACT Us

PHONE: 800.336.1976
FAX: 800.336.2801
EMAIL: SALES@ENGPRODUCTS.COM

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CUSTOM CAPABILITIES

With over 45 years of manufacturing expertise specializing in fixture whips, power equipment whips, distribution cable assemblies, specialty lighting, ground bonding, and wire harness assemblies, we provide complete customization and fabrication services for solutions built according to your specifications to meet your application requirements.

EPCO can design custom solutions from your specifications, sketches, or drawings and oversee production. The following core competencies add sustainable value to our customers:

- “Smart” customization products and services tailored to your needs
- Engineering specifically for design-build products
- Quick turn prototypes
- Integral supply chain partnerships
- Competitive pricing
- Commitment to quality, excellent responsiveness, and on-time delivery

Our resources and experience provide you with innovative, solutions combined with quality UL and ETL listed and recognized materials. If you don't see exactly what you need in our catalog, call or email our Inside Sales Department at 800-336-1976 or sales@engproducts.com with your product request today.

Fixture Whips

We are the industry leader in the development and manufacturer of fixture and power equipment whips with over 300+ configurations immediately available.

We can customize and cost effectively produce any fixture whip or power equipment whip in any length, wire gauge size, with your choice of steel or liquid tight conduit.

Our advanced engineering capabilities enable us to easily develop your fixture whip or power equipment whip to connect and energize any lighting system luminaires or device to meet your application requirements.

Example: Our power equipment whips are used in the lower section panels of cubicles and workstations to deliver electricity to computers, fax machines, task lighting, telephone systems, and other devices.



Custom Capabilities

RetroFit Lighting

Custom Capabilities

For T5 or T8 LED Lamp Strip-Type Luminaire Applications

Our customized solutions that meet the most stringent customer requirements. As the industry leader in the custom design, development, and production of fixture bracket kits and wiring harness retrofit kits for Strip-Type lighting systems.

We work side-by-side with our customers to help them configure the right application solution(s) to meet their needs.

For T8 LED Lamp Troffer Luminaire Applications

EPCO's experienced engineers can provide comprehensive solutions that will meet the most stringent customer and industry requirements. We are an industry leader in the custom design and manufacturing for Troffer lighting system wiring harness retrofit kits.

In addition, our production department and assembly teams can manage any specialized packaging requirements you need using our certified suppliers.



Ground Bonding

Custom Capabilities

We can produce any EPCO Ground Bonding PigTails™ in bulk packaging (1,000 per carton), or in multiple package types utilizing our high-speed production and packaging equipment. Special options include custom packaging and labeling, or other kitting services to meet your application requirements.

From simple to complex, our custom capability extends beyond producing industry standard PigTails. We can produce any type of ground bonding product — grounding straps, ground harness assemblies, and other grounding solutions needed for your specific application.



LIGHTING PRODUCTS

LED and Fluorescent Vapor Tight Linear Luminaires / Page 6

Our energy efficient and cost-effective linear solid-state LED Strip, T5 and T8 LED, and T5 and T8 Fluorescent vapor tight luminaires meet a very broad variety of commercial and industrial lighting applications. These luminaires are ETL or UL listed and have a NEMA 4X, IP65/66/67 rating for use in "damp" or "wet" environments.



Retrofit Lighting / Page 19

EPCO's RetroFit Conversion Kits are recognized as the most cost-effective, energy efficient, and labor saving products for lighting system upgrades. Our Kits are made in the USA, comply with the American Recovery and Reinvestment Act (ARRA), and allow contractors to participate in Government sponsored lighting retrofit programs.

Temporary Lighting / Page 28

Whether the application is new or retrofit construction, high quality temporary lighting is necessary and required by OSHA for the safety and productivity of all trade workers, as well as improving the overall quality of the completed work. In fact, 9 out of 10 electrical contractors choose EPCO's high lumen output LED temporary luminaires and LED CordLights.

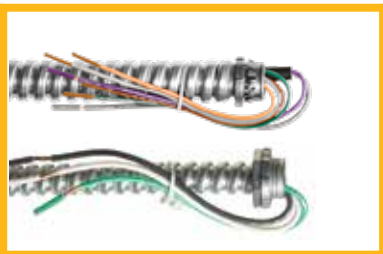


Utility Lighting / Page 32

Our energy efficient and cost-effective Utility Luminaires and Accessories meet a very broad variety of lighting applications. All utility luminaires are UL listed for use in "damp" or "wet" environments and meet the 2020 National Electric Code lighting installation requirements for commercial and agricultural buildings.

Landscape Lighting / Page 41

The specific design of an outdoor lighting system is influenced by a variety of factors, including the site characteristics, the scope of the landscape, its function, as well as the building owner's requirements. But the creation of an outdoor lighting system should always include our Landscape SplicePost™ or LightPost™. Compared to other designs, these landscape luminaire fixture fittings are a cost-effective and simple solution for permanent landscape, accent lighting or sign facade.



Fixture Whips / Page 42

Our pre-wired armored cable fixture whips are factory fabricated wiring assemblies typically used for lighting and power distribution in commercial buildings. These whips consist of flexible metal conduit, .375" (3/8") and .5" (1/2") trade sizes and meet all requirements of the 2020 National Electrical Code. These pre-assembled Fixture Whips provide an excellent mechanical protection and a cost-effective, reliable installation. The connectors used are designed to simplify the connection to metallic junction boxes and luminaires.

For Complete Technical Information, visit engproducts.com

LIGHTING PRODUCTS

Definition — Wet and Damp Locations

Luminaires installed in wet or damp locations shall be installed such that water cannot enter or accumulate in wiring compartments, lamp holders, or other electrical parts. All luminaires installed in wet locations shall be marked, "Suitable for Wet Locations". All luminaires installed in damp locations shall be marked, "Suitable for Wet Locations" or "Suitable for Damp Locations"

From the 2020 National Electrical Code		Underwriters Laboratories (UL) Definition	
Dry Locations	A location not normally subjected to dampness or wetness. A location classified as dry may be temporarily subject to dampness or wetness, as in the case of a building under construction.	Dry Locations	A location not normally subject to dampness, but may include a location subject to temporary dampness, as in the case of a building under construction, provided ventilation is adequate to prevent an accumulation of moisture.
Damp Locations	Locations protected from weather and not subject to saturation with water or other liquids but subject to moderate degrees of moisture. Examples of such locations include partially protected locations under canopies, marquees, roofed pen porches, and like locations, and interior locations subject to moderate degrees of moisture, such as basements, some barns, and some cold storage buildings.	Damp Locations	An exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to, electrical equipment, and includes partially protected locations.
Wet Locations	Installations underground or in concrete slabs or masonry in direct contact with the earth; in locations subject to saturation with water or other liquids, such as vehicle washing areas; and in unprotected locations exposed to weather.	Wet Locations	A location in which water or other liquid can drip, splash, or flow on or against electrical equipment. A wet location luminaire shall be constructed to prevent the accumulation of water on live parts, electrical components, or conductors not identified for use in contact with water.

Definition — Color Temperature



Note: Nominal color designation in units of Kelvin

General Purpose LED Luminaire

Contractor friendly, this value-priced LED luminaire has quality built-in. A low-cost, energy efficient, light duty LED linear luminaire delivers very good reliable performance compared to other LED linear luminaires in this category.

- A DLC Premium V4.4 Certified Vapor Tight LED linear luminaire. Applicable for rebates from Utilities or Co-ops with energy savings programs.
- Consumes less than half the wattage of an older 4-foot fluorescent luminaire using 32-watt T8 fluorescent lamps.
- Provides years of reliable solid-state performance and high lumens per watt.
- Optimized design of double row, high quality of LEDs improves thermal resistance and heat dissipation.
- IP65 rated protection against the ingress of dust, other solid particulates, and low-pressure jets of directed water.
- Resistant to vibration, impact, and shock
- Includes weather-resistant polycarbonate housing, frosted diffuser, stainless steel latches, two (2) mounting brackets, and installation hardware.
- Applications Include:
 - » Light Duty Commercial Lighting
 - » Maintenance, Repair, and Operations (MRO) Support Lighting
 - » Single and Multi-Family Residential Garages and Car Ports
 - » Storage and Maintenance Rooms
 - » Hobby Areas
 - » High Humidity, Moisture Prone Environments

SPECIFICATIONS

- **Lumen Output:** 5,200
- **Color Temperature:** 4000K
- **Voltage:** 120-277 Volts
- **Wattage:** 40-Watts
- **Locations:** Dry or Damp Environments
- **Operating Temperature:** -4°F (-20°C) to 104°F (40°C)
- **Length:** 4-Feet
- **Width:** 5"
- **Height:** 4"
- **Lighting Control:** 0-10-Volt Dimming

Linear Luminaires



General Purpose LED Luminaire



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
General Purpose LED Luminaires										
15310	15310	General Purpose LED Luminaire, 4-FT, 4000K DLC Reference: MA-HVP471A-40W-F-40K	EA	1	BN	6	6	6	Yes	13
15310-K	15320	General Purpose LED Luminaire, 4-FT, 4000K, with 1/2" Trade Size Knock-out DLC Reference: MA-HVP471A-40W-F-40K	EA	1	BN	6	6	6	Yes	13

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

LED Linear Vapor Tight Luminaires

Linear Luminaires

Available in 28 configurations, these Vapor Tight Luminaires provide unparalleled performance, improved efficacy, more lumens per watt, and represents the reliable and sustainable solid-state illumination system solution.

BENEFITS

- Ready for immediate installation. 100% factory tested before shipping. No contractor callbacks!
- Fast installation saves time and reduces labor cost.
- Two (2) 1/2" trade size knockouts on each end of the luminaire housing accommodate standard conduit fittings.
- Mounting Hardware is available to allow the contractor to pre-install the mounting brackets to the mounting surface without drilling into the luminaire housing.
- Meets the requirements of the 2020 National Electrical Code: Articles 410.10(A), 410.104(A), 410.130(G)(1), 547.5(C)(1)(2), and 547.8(A)(B).

FEATURES

- Available in 2-, 4-, or 8-Foot lengths.
- Impact resistant acrylic diffuser withstands breakage, lowering replacement and maintenance costs.
- The reinforced fixture housing is rated 5VA-F1 fiberglass and provides rigidity with no deflection.
- Choose captive Acetal (Plastic) or Stainless Steel Latches best suited for your application.



Specifications	
Dimensional Information	See Page 9
Ship Weight (Approximate)	2-Foot: 8 lbs. 4-Foot: 13 lbs. 8-Foot: 21 lbs.
Applications	Dry, Damp, or Wet Environments
Power Factor	.9 or Higher
Operating Voltage	120-277 VAC @ 60/50 Hz
Operating Temperature	Standard Output and High Output: -40°F to 131°F (-40°C to 55°C) Very High Output: -40°F to 122°F (-40°C to 50°C)
Industry Certifications	DLC 5.0 Listed, ETL Listed (Per UL 1598/8750), RoHS Compliant, LM-79 and LM-80 Report
Ingress Protection Rating	IP65, IP66, and IP67
Diffuser	Frosted Smooth Diffuser
Warranty	5 Years / 50,000 Hours at L ₇₀

LED Linear Vapor Tight Luminaires

Linear Luminaires

Specifications									
Fluorescent Lamp Equivalent	Luminaire Model	Length	Type	Designation FX = New Fixture	Correlated Color Temperature (CCT)*	Color Rendering Index (CRI)	Total Wattage	Lumen Output	Luminous Efficacy
2-Foot LED Linear Luminaires									
(3) F17T8	G2LED-FX-S3028	G2	LED	FX	3000K	80 min.	28	2940	112
(3) F17T8	G2LED-FX-S3528	G2	LED	FX	3500K	80 min.	28	2971	113
(3) F17T8	G2LED-FX-S4128	G2	LED	FX	4000K	80 min.	28	3095	118
(3) F17T8	G2LED-FX-S5028	G2	LED	FX	5000K	80 min.	28	3128	119
4-Foot LED Linear Luminaires									
(2) F32T8	G4LED-FX-S3034	G4	LED	FX	3000K	80 min.	34	4224	138
(2) F32T8	G4LED-FX-S3534	G4	LED	FX	3500K	80 min.	34	4268	139
(2) F32T8	G4LED-FX-S4134	G4	LED	FX	4000K	80 min.	34	4446	145
(2) F32T8	G4LED-FX-S5034	G4	LED	FX	5000K	80 min.	34	4475	146
(3) F32T8	G4LED-FX-S3051	G4	LED	FX	3000K	80 min.	51	6045	123
(3) F32T8	G4LED-FX-S3551	G4	LED	FX	3500K	80 min.	51	6108	124
(3) F32T8	G4LED-FX-S4151	G4	LED	FX	4000K	80 min.	51	6363	129
(3) F32T8	G4LED-FX-S5051	G4	LED	FX	5000K	80 min.	51	6392	130
(2) F54T5HO	G4LED-FX-S3059	G4	LED	FX	3000K	80 min.	59	7494	135
(2) F54T5HO	G4LED-FX-S3559	G4	LED	FX	3500K	80 min.	59	7572	136
(2) F54T5HO	G4LED-FX-S4159	G4	LED	FX	4000K	80 min.	59	7888	142
(2) F54T5HO	G4LED-FX-S5059	G4	LED	FX	5000K	80 min.	59	8031	143
8-Foot LED Linear Luminaires									
(4) F32T8	G8LED-FX-S3068	G8	LED	FX	3000K	80 min.	68	8448	138
(4) F32T8	G8LED-FX-S3568	G8	LED	FX	3500K	80 min.	68	8536	139
(4) F32T8	G8LED-FX-S4168	G8	LED	FX	4000K	80 min.	68	8892	145
(4) F32T8	G8LED-FX-S5068	G8	LED	FX	5000K	80 min.	68	8950	146
(6) F32T8	G8LED-FX-S30102	G8	LED	FX	3000K	80 min.	102	12090	123
(6) F32T8	G8LED-FX-S35102	G8	LED	FX	3500K	80 min.	102	12216	124
(6) F32T8	G8LED-FX-S41102	G8	LED	FX	4000K	80 min.	102	12726	129
(6) F32T8	G8LED-FX-S50102	G8	LED	FX	5000K	80 min.	102	12784	130
(4) F54T5HO	G8LED-FX-S30118	G8	LED	FX	3000K	80 min.	118	14988	135
(4) F54T5HO	G8LED-FX-S35118	G8	LED	FX	3500K	80 min.	118	15144	136
(4) F54T5HO	G8LED-FX-S41118	G8	LED	FX	4000K	80 min.	118	15776	142
(4) F54T5HO	G8LED-FX-S50118	G8	LED	FX	5000K	80 min.	118	16062	143

 **White:** Standard Output. **Operating Temperature:** -40° to 131°F (-40° to 55°C)

 **Green:** High Output. **Operating Temperature:** -40° to 131°F (-40° to 55°C)

 **Blue:** Very High Output. **Operating Temperature:** -40° to 122°F (-40° to 50°C)

* For Color Temperature Options, see Page 9

LED Linear Vapor Tight Luminaires

Linear Luminaires

LED Linear Luminaire Part Number Configurator

Luminaire G = Narrow Body	Example Part Number G4LED-FX-S4134-ACMDZ	Options See Page 10
Length 2 = 2-Foot 4 = 4-Foot 8 = 8-Foot		Watts 28 (2-FT HO) 34 (4-FT Standard) 51 (4-FT HO) 59 (4-FT VHO) 68 (8-FT S) 102 (8-FT HO) 118 (8-FT VHO) <small>S = Standard HO = High Output VHO = Very High Output</small>
Luminaire Type LED		Color Temperature 30 = 3000K 35 = 3500K 41 = 4000K 50 = 5000K
Luminaire Designation FX = New Fixture		
Application S = Standard		

Contact our Inside Sales Department (800.336.1976 or sales@engproducts.com) for more information.

Tamper Resistant Screw Options

For Acetal (Plastic) Latches P/N: GFF-TPS-C
For Stainless Steel Latches P/N: GFF-TPS-S



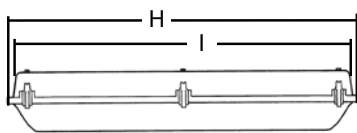
Color Temperature Options



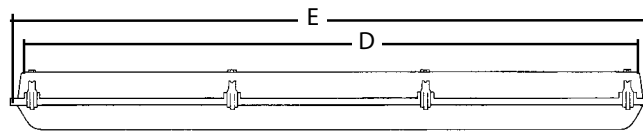
Note: Nominal color designation in units of Kelvin

LED Linear Luminaire — Dimensions and Weight

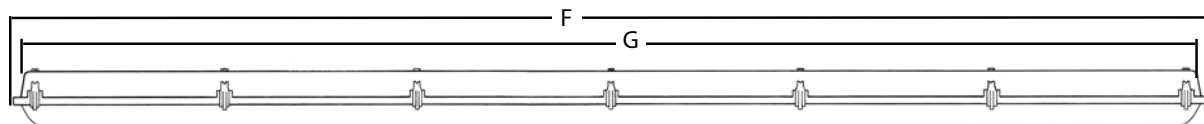
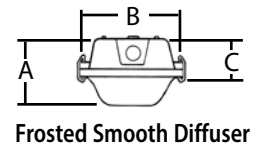
A	B	C	D	E	F	G	H	I
4.25"	7"	2.5"	49.7"	51.7"	100"	98.0"	27.7"	25.7"



Ship Weight: 2-Foot: 8 lbs.



Ship Weight: 4-Foot: 13 lbs.



Ship Weight: 8-Foot: 21 lbs.

Note: Dimensions "E", "F" and "H" reference the 1/2" trade size knockouts on each end of the fixture.

LED Linear Vapor Tight Luminaires: Options

Linear Luminaires



Twist Lock Power Cord
(Options A1 and A2)



Acetal Latches
(Option C)



Ceiling and Wall Mount
Powder Coated Mounting
Hardware Pair (Option M)



Ceiling and Wall Mount
Stainless Steel Mounting
Hardware Pair (Option M1)



45-Degree Mounting
Hardware (Option M2)



PIR Sensor
(Options R1, R2, R3)



Microwave Sensor
(Options R4, R5, R6)



Stainless Steel
Latches (Option S)



Surface Mount Bracket
(Option Y)



Suspension Kit
(P/N: GFF-FSSK)

Luminaire Options

Option	Notes
A. 6-Foot Power Cord (PSS6)	Straight Plug, 13 AMP
A1. 6-Foot Twist Lock Power Cord	L5-15P, 120V
A2. 6-Foot Twist Lock Power Cord	L7-15P, 277V
C. Acetal (Plastic) Latches	<u>Not</u> recommended for the following applications: Swimming Pools, Car Washes, Food Processing (because of the cleaning chemicals), or Agriculture (because of the ammonia)
S. Stainless Steel Latches	Withstands extreme temperatures for refrigerator and freezer applications, as well as the chemicals present in car washes. SSL are also impervious to acidic conditions making them suitable for use in livestock containment buildings.
D. Dim to Off	Lighting system dimming controller dims to off.
E. Emergency LED Backup Driver	Call EPCO Inside Sales for lead time
L. Luminaire Disconnect	Luminaire Disconnect standard on all LED Luminaires.
M. Ceiling and Wall Mount Mounting Hardware	Powder Coated (Not National Sanitation Foundation approved for food service applications)
M1. Ceiling and Wall Mount Mounting Hardware	Stainless Steel (National Sanitation Foundation approved)
M2. 45-Degree Mounting Hardware	45-Degree Angle Stainless Steel (National Sanitation Foundation approved)
Occupancy Sensors R1. Passive infrared – Dry Locations R2. Passive infrared – Dry/Cold Locations R3. Passive infrared – Wet Locations R4. Microwave – On/Off Only R5. Microwave – 0-10V Dimming, 30% R6. Microwave – 0-10V Dimming, 50%	Two Occupancy Sensors Types available: <ul style="list-style-type: none"> ■ High/Medium Bay Passive Infrared (PIR) Occupancy Sensors: Recommended for ceiling heights 15-feet or higher. PIR sensors function as an automatic lighting control in high and medium bay applications. ■ Microwave Sensors: Recommended for ceiling heights 15-feet or lower. The microwave sensor detects the slightest movement in the occupancy zone. Detection is sensed through doors, glass, or thin walls. Note: Long Lead Times.
Surface Mount Bracket Y (2-feet). Large Bracket Y1 (4-feet). Large and Small Bracket Y2 (4-feet). Large Bracket Y1 (8-feet). Large and Small Bracket Y2 (8-feet). Large and Small Bracket Y3 (8-feet). Large and Small Bracket (2)	Allows installation of a luminaire directly under or over a junction box to surface mount to a ceiling or wall. Provides a water and bug resistant seal protecting the critical area between the junction box's supply conductors and the luminaire. No adhesive sealant or gasket material is required. EPCO will pre-drill a hole in the luminaire housing at designated locations to facilitate pulling the supply conductors from the junction box and into the luminaire housing.
Z. Bulk Packaging	25 or 50 per skid (eliminates individual carton packaging on the job site).

Linear Vapor Tight Light Fixtures

For high or low ceilings, or for wall mount applications, our domestically manufactured Vapor Tight lighting fixtures are rated for long life, energy efficiency, uniform lumen distribution, improved efficacy, and more usable lumens per watt when used in combination with LED or fluorescent lamps.

BENEFITS

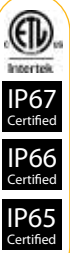
- Shipped ready for immediate installation. 100% factory tested before shipping. No contractor callbacks!
- Fast installation saves time and reduces labor cost.
- Two (2) 1/2" trade size knockouts on each end of the fixture housing accommodate standard conduit fittings.
- Mounting Hardware is available to allow the contractor to pre-install the mounting brackets to the mounting surface without drilling into the luminaire housing.
- V-Hooks (optional and recommended) attach directly to the fixture housing and eliminate drilling holes into the housing to maintain the integrity of the Ingress Protection (IP) Rating. This allows the contractor to hang the fixture using EPCO's Luminaire Suspension Kit (See page 10; Part Number GFF-FSSK). Our Single Loop Jack Chain, or Double Loop Bright Jack Chain can also be used. Contact EPCO Inside Sales for more information.
- Meets the requirements of the 2020 National Electrical Code: Articles 410.10(A), 410.104(A), 410.130(G)(1), 547.5(C)(1)(2), and 547.8(A)(B).

FEATURES

- Light Fixtures available in 2-, 4-, or 8-foot lengths (High Bay available in 4-foot only).
- Impact resistant acrylic diffuser withstands breakage, lowering replacement and maintenance costs.
- Reinforced fixture housing is rated 5VA-F1 fiberglass and provides rigidity with no deflection.
- Choose captive Acetal (Plastic) or Stainless Steel Latches best suited for your application (High Bay Light Fixture is only available with Stainless Steel Latches).

Linear Luminaires

T8 LED Linear Light Fixture
(LED Lamps Not Included)



T8 Linear Light Fixture
(Fluorescent Lamps Not Included)



T8 LED High Bay Linear Light Fixture
(LED Lamps Not Included)



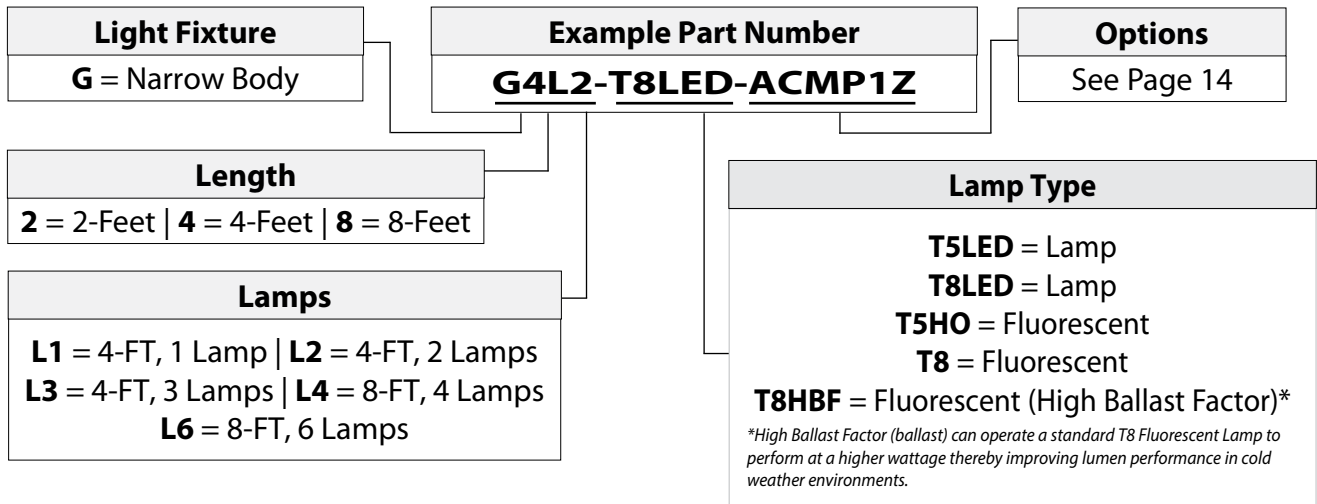
T8 High Bay Linear Light Fixture
(Fluorescent Lamps Not Included)

Specifications	
Lamps (not included)	Accommodates T5 or T8 LED Lamps, or T5HO or T8 Fluorescent Lamps
Dimensional Information	See Page 9
Ship Weight (Approximate)	2-Foot: 8 lbs. 4-Foot: 13 lbs. 8-Foot: 21 lbs. High Bay 4-Foot: 23 lbs.
Applications	Dry, Damp, or Wet Environments
Operating Voltage	120 - 277V @ 60 Hz
Ballast Type/Minimum Starting Temperature (Fluorescent Lamps only)	Electronic T5 or T8 Class P Thermally Protected and CEE NEMA Premium Compliant: <ul style="list-style-type: none"> • T5HO — High Output*: -20°F (-28°C) • T8 — Standard Output Ballast: 0°F (-17°C) • T8 — High Ballast Factor (HBF)**: -20°F (-28°C) <i>**High Ballast Factor (ballast) can operate a standard T8 Fluorescent Lamp to perform at a higher wattage thereby improving lumen performance in cold weather environments.</i>
Diffuser	LED Lamps: Clear Ribbed Fluorescent Lamps: Frosted Ribbed
Industry Certifications	ETL Listed
Ingress Protection Rating	IP65, IP66, and IP67
Warranty	1 Year

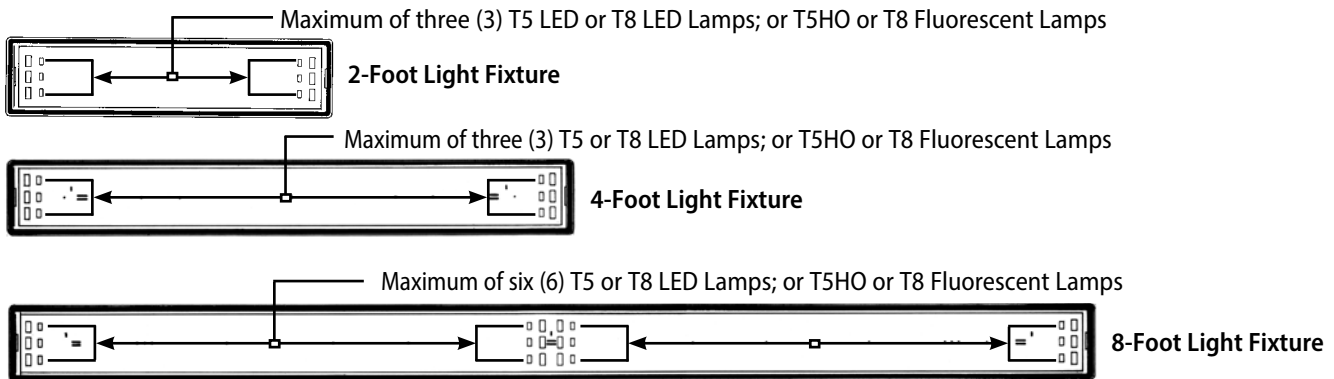
Linear Vapor Tight Light Fixtures: Options

Linear Luminaires

Linear Vapor Tight Light Fixture Part Number Configurator (Does Not Include Lamps)



Linear Vapor Tight Light Fixture — Lamps per Fixture (Does Not Include Lamps)



- Note:** 1. Top down view of 2-foot, 4-foot and 8-foot Fixture Gear Tray.
2. The 8-foot Light Fixture will not accommodate 8-foot T8 LED Lamps or 8-foot T8 Fluorescent.

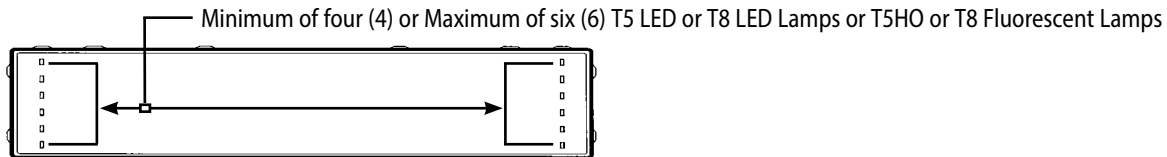
Linear Vapor Tight Light Fixtures

Linear Luminaires

High Bay Linear Vapor Tight Light Fixture Part Number Configurator (Does Not Include Lamps)

Light Fixture W = High Bay	Example Part Number W4L6-T8LED-AVZ	Options See Page 14
Length 4 = 4-Feet		Lamp Type T5LED = Lamp T8LED = Lamp T5HO = Fluorescent T8 = Fluorescent T8HBF = Fluorescent (High Ballast Factor)** <small>**High Ballast Factor (ballast) can operate a standard T8 Fluorescent Lamp to perform at a higher wattage thereby improving lumen performance in cold weather environments.</small>
Lamps L4 = 4 Lamps L6 = 6 Lamps		

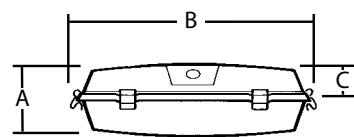
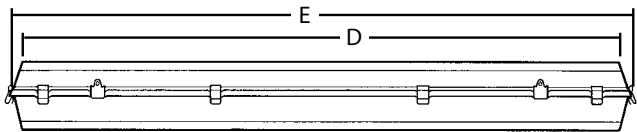
High Bay Linear Vapor Tight Light Fixture — Lamps per Fixture (Does Not Include Lamps)



Note: Top down view of 4-foot High Body Fixture Gear Tray.

High Bay Linear Vapor Tight Light Fixture — Dimensions and Weight

A	B	C	D	E
6.125"	14.6"	3.0"	49.5"	51.5"



Ship Weight: 23 lbs.

Note: Dimension "E" references the 1/2" trade size knockouts on each end of the fixture.

Linear Vapor Tight Light Fixtures: Options

Linear Luminaires

Light Fixture Options	
Option	Notes
A. 6-Foot Power Cord (PSS6)	Straight Plug, 13 AMP
A1. 6-Foot Twist Lock Power Cord	L5-15P, 120V
A2. 6-Foot Twist Lock Power Cord	L7-15P, 277V
C. Acetal (Plastic) Latches	<u>Not</u> recommended for the following applications: Swimming Pools, Car Washes, Food Processing (because of the cleaning chemicals), or Agriculture (because of the ammonia)
S. Stainless Steel Latches	Withstands extreme temperatures for refrigerator and freezer applications, as well as the chemicals present in car washes. Stainless steel latches are also impervious to acidic conditions making them suitable for use in livestock containment buildings.
E1. Emergency Battery Back-up Ballast	For T5HO or T8 Fluorescent Light Fixtures only. Two (2) lamps is the maximum lamp configuration when specifying a T5HO or T8 2-foot light fixture with an Emergency Battery Back-up Ballast.
L. Luminaire Disconnect	Luminaire Disconnect standard on all Linear Vapor Tight Light Fixtures.
M. Ceiling and Wall Mount Mounting Hardware	Powder Coated (Not National Sanitation Foundation approved for food service applications)
M1. Ceiling and Wall Mount Mounting Hardware	Stainless Steel (National Sanitation Foundation approved)
M2. 45-Degree Mounting Hardware	45-Degree Angle Stainless Steel (National Sanitation Foundation approved)
P. Clear Ribbed Diffuser	Standard for all Fluorescent Light Fixtures.
P1. Frosted Ribbed Diffuser	Standard on T5 LED and T8 LED Lamped Light Fixtures. Available option for Fluorescent Lamp Light Fixtures.
Occupancy Sensor Types R1. Passive infrared – Dry Locations R2. Passive infrared – Dry/Cold Locations R3. Passive infrared – Wet Locations R4. Microwave – On/Off Only R5. Microwave – 0-10V Dimming, 30% R6. Microwave – 0-10V Dimming, 50%	Two Occupancy Sensors Types available: ■ High/Medium Bay Passive Infrared (PIR) Occupancy Sensors: Recommended for ceiling heights 15-feet or higher. PIR sensors function as an automatic lighting control in high and medium bay applications. ■ Microwave Sensors: Recommended for ceiling heights 15-feet or lower. The microwave sensor detects the slightest movement in the occupancy zone. Detection is sensed through doors, glass, or thin walls. Note: Long Lead Times.
Surface Mount Bracket Y (2-foot). Large Bracket Y1 (4-foot). Large and Small Bracket Y2 (4-foot). Large Bracket Y1 (8-foot). Large and Small Bracket Y2 (8-foot). Large and Small Bracket Y3 (8-foot). Large and Small Bracket (2)	Allows installation of a light fixture directly under or over a junction box to surface mount to a ceiling or wall. Provides a water and bug resistant seal protecting the critical area between the junction box's supply conductors and the light fixture. No adhesive sealant or gasket material is required. EPCO will pre-drill a hole in the light fixture housing at designated locations to facilitate pulling the supply conductors from the junction box and into the light fixture housing.
V. V-Hooks	Used with chain or cable mounting. Two (2) per Package.
Z. Bulk Packaging	25 or 50 per skid (eliminates individual carton packaging on the job site).

Power Cords

- This locking power cord plug is rated for 120V or 277V circuits, has a fully molded low profile ergonomic shape, and is RoHS compliant. The plug body is molded with deeply contoured ridges and a non-slip grip that makes “plug-in” quick and easy.



Twist Lock Power Cord

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
TL001	10196	8-FT, 13 AMP, 120V, Black	EA	1	BX	1	1	1	No	2
TL002	10197	8-FT, 13 AMP, 277V, Black	EA	1	BX	1	1	1	No	2

Linear Luminaire Options

Surface Mount Bracket

- Allows installation of a luminaire directly under a junction box to surface mount to a ceiling or wall.
- Provides a water and bug resistant seal that protects the critical area between the junction box’s supply conductors and the luminaire. No adhesive sealant or gasket material is required.
- Labor savings! Eight (8) slotted holes simplify and expedite installation.
- In combination with the Narrow Body Luminaire maintains its UL Listing for “wet” location applications.
- Only available as a factory-installed option, not sold separately (Option Y).
- Meets the requirements of the 2020 National Electrical Code: Article 410.24(B).



Surface Mount Bracket



Surface Mount Bracket installed on a 2-foot Narrow Body Linear Luminaire

Linear Luminaire Options

Mounting Hardware

- **Mounting Hardware (Options M and M1):** Uses two (2) snap-on mounting brackets that attach to the outside edge of the luminaire housing. Suitable for ceiling or wall mount applications but can also be used with chain or cable when using S-Hooks. Available in White Powder Coated (Standard) or Stainless Steel.
- **45° Angle Mounting Hardware (Option M2):** Uses two (2) snap-on mounting brackets that attach to the outside edge of the luminaire housing. Comes with a Stainless Steel finish.



GFF-MH
(Powder Coated
Standard White)



GFF-MH45
(Stainless Steel)



GFF-MHS
(Stainless Steel)

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
GFF-MH	14241	Ceiling or Wall Mount, White Powder Coated (Pair)	BG	2	BG	0	0	2	Yes	1
GFF-MHS*	14352	Ceiling or Wall Mount, Stainless Steel (Pair)	BG	2	BG	0	0	2	Yes	1
GFF-MH45*	50005	45° Angle Mount, Stainless Steel (Pair)	BG	2	BG	0	0	2	Yes	1

*National Safety Foundation (NSF) Approved

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Acrylic Diffusers

- **Frosted Smooth Diffuser:** Standard on all LED Strip Luminaires.
- **Frosted Ribbed Diffuser:** Standard on all T5HO or T8 LED Lamp Luminaires and an option on all Fluorescent Luminaires.
- **Clear Ribbed Diffuser:** Standard on all Fluorescent Luminaires.
- 100% Impact Resistant.
- No tools or fasteners required.

Linear Luminaire Options



Frosted Smooth Diffuser

Frosted Ribbed Diffuser

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Frosted Smooth Diffusers										
GFF-DS2	14581	For 2-FT LED Linear Luminaires	EA	1	BX	5	5	5	Yes	6
GFF-DS4	14582	For 4-FT LED Linear Luminaires	EA	1	BX	5	5	5	Yes	10
GFF-DS8	14583	For 8-FT LED Linear Luminaires	EA	1	BX	5	5	5	Yes	14
Frosted Ribbed Diffusers										
GFF-DF2	14452	For 2-FT LED Linear Luminaires	EA	1	BX	5	5	5	Yes	5
GFF-DF4	14453	For 4-FT LED Linear Luminaires	EA	1	BX	5	5	5	Yes	10
GFF-DF8	14454	For 8-FT LED Linear Luminaires	EA	1	BX	5	5	5	Yes	21
Clear Ribbed Diffusers										
GFF-DR2	14334	For 2-FT Fluorescent Linear Luminaires	EA	1	BX	5	5	5	Yes	5
GFF-DR4	14253	For 4-FT Fluorescent Linear Luminaires	EA	1	BX	5	5	5	Yes	10
GFF-DR8	14254	For 8-FT Fluorescent Linear Luminaires	EA	1	BX	5	5	5	Yes	21

Occupancy Sensors

- **Passive Infrared (PIR) Sensors (Options R1-R3):** Recommended for ceiling heights 15-feet or higher. PIR sensors work as an automatic lighting control in high and low bay function applications.
- **Microwave Sensors (Options R4-R6):** Recommended for ceiling heights 15-feet or lower. This sensor type covers a wide range of applications and detects the slightest movement in the occupancy zone. Detection is sensed through doors, glass, or thin walls.
- A cost efficient method to lighting systems in applications such as stairwells, warehouses, utility and maintenance buildings, storage areas, pedestrian and road tunnels.
- Turns the lights on when activity is sensed in a room or area, and then turns the light off automatically after no activity is sensed after a preset time.
- Only available as a factory-installed option, not sold separately.

Linear Luminaire Options



Passive Infrared (PIR) Sensor

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Latches

- **Acetal (Plastic) Latches:** Provide an exceptional combination of heat resistance, durability and strength over a wide range of ambient temperatures with minimal attachment of airborne particles.
- **Stainless Steel Latches:** These latches can withstand extreme temperatures for refrigerator and freezer applications as well as the chemicals present in car washes. They are also impervious to acidic conditions making them suitable for use in livestock containment buildings.
- **Tamper Resistant Screws:** Protect the lamps installed in our luminaires from tampering, vandalism, and theft.



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Linear Luminaire Latches										
GFF-L2C	14336	Acetal (Plastic) Latches, 2-FT Low Bay Luminaires	BG	6	BG	0	0	6	Yes	1
GFF-L2SS	14337	Stainless Steel Latches, 2-FT Low or High Bay Luminaires	BG	6	BG	0	0	6	Yes	1
GFF-L4C	14240	Acetal (Plastic) Latches, 4-FT Low Bay Luminaires	BG	8	BG	0	0	8	Yes	1
GFF-L4SS	14239	Stainless Steel Latches, 4-FT Low Bay or High Bay Luminaires	BG	8	BG	0	0	8	Yes	1
GFF-L8C	14250	Acetal (Plastic) Latches, 8-FT Low Bay Luminaires	BG	14	BG	0	0	14	Yes	1
GFF-L8SS	14249	Stainless Steel Latches, 8-FT Low Bay or High Bay Luminaires	BG	14	BG	0	0	14	Yes	1
Tamper Resistant Screws										
GFF-TPS-C	14248	Tamper Resistant Screws for Acetal (Plastic) Latches	EA	100	BG	0	0	100	Yes	1
GFF-TPS-S	14245	Tamper Resistant Screws for Stainless Steel Latches	EA	100	BG	0	0	100	Yes	1

Suspension Kit

- Provides instant and tool-less height adjustment when installing our luminaires. Kits are maintenance-free and require no ongoing adjustments.
- Easily suspends luminaires, signage, mechanical, HVAC systems, and other objects that require suspension from beams, trusses, or joists.
- Eliminates chain, S-Hooks, threaded rods, or strut support nuts.
- One (1) kit includes: Two (2) 0.0625" x 10-foot galvanized steel cables with two (2) attached spring-loaded steel hooks and two (2) tool-less suspension cable adjustment blocks. Steel Hook Inside Diameter: 0.5".



SPECIFICATIONS

- **Length:** 100" with two (2) 20" Y-cables and two (2) swaged spring-loaded steel hooks with bright nickel plating on Y-cable ends with fuse cut cable to prevent fraying.
- **Safe Working Load:** 75 lbs.
- **Minimal breaking strength:** 420 lbs.
- **Maximum Load Rating:** One (1) Cable: 62 lbs.; Two (2) cables: 124 lbs.

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
GFF-FSSK	14256	Suspension Kit	BG	2	BG	12	12	12	Yes	5

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Chain, Hooks, Wire, and Hangers

- **Single-Loop Jack Chain:** Supports suspended luminaires and is often required by code in many cities. Available in 10 AWG or 12 AWG, and packaged in convenient 50 and 100-foot boxes.
- **S-Hooks:** Used with Jack Chain to support suspended luminaires. All S-Hooks are plated for lasting durability.
- **Tie Wire:** Used for bundling, supporting, and hanging cable conduit and suspended luminaires. Available in 16 AWG Black Annealed or Galvanized rolls. Also available in 18 AWG Galvanized 30" pre-cut lengths.
- **Top Mount Light Fixture Hangers:** Used when the mounting holes are located on top of a troffer type light fixture.
- **Side Mount Light Fixture Hangers:** Used when the mounting holes are located on the side of a troffer type light fixture.

Lighting Accessories



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Single-Loop Jack Chain										
JC10B/100B	10201	10 AWG Bright Jack Chain, 100-FT per Carton	FT	100	BX	5	500	100	Yes	80
JC12B/100	11703	12 AWG Bright Jack Chain, 100-FT Spool	FT	100	BX	5	500	100	Yes	45
JC12B/100B	10203	12 AWG Bright Jack Chain, 100-FT per Carton	FT	100	BX	5	500	100	Yes	45
S-Hooks										
SH10	10251	10 AWG Plated S-Hooks, 1.25" Length	BG	100	BG	10	1000	100	Yes	11
SH12	10252	12 AWG Plated S-Hooks, 1.125" Length	BG	100	BG	10	1000	100	Yes	10
Light Fixture Hangers										
SMH	10726	11 AWG Plated Light Fixture Hangers, Side Mount	BX	100	BX	100	100	100	Yes	5
TMH	10725	10 AWG Plated Light Fixture Hangers, Top Mount	BX	100	BX	100	100	100	Yes	7
Tie Wire										
TY16	10150	16 AWG, Black, 350-FT Roll	EA	1	BX	20	20	20	Yes	70
TY16G	10152	16 AWG, Galvanized, 350-FT Roll	EA	1	BX	20	20	20	Yes	70
TY18G	10151	18 AWG, Galvanized, 30" pre-cut Lengths	EA	1	BX	1750	1750	1750	Yes	25
TY18G-50B	12000	18 AWG, Galvanized, 30" pre-cut Lengths, 50 per Bundle	EA	1	BX	35	35	1	No	25

Duct Seal

- Use to seal around junction boxes, flashings, service mast, and cable entries. Excellent adhesive properties for use on wood, glass, aluminum, and steel.
- Individually wrapped in release paper to simplify handling and repackaging.
- Asbestos-free, odorless, non-sticky formula can be painted immediately.
- Temperature tolerance: -40°F (-40°C) to 180°F (82°C).
- Meets the requirements of the 2020 National Electrical Code: Articles 230.8 and 300.5(D)(2).

Lighting Accessories



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
EPD1	10101	Duct Seal: 1 lb. Slug	LB	1	BX	50	50	1	No	1
EPD5	10102	Duct Seal: Package of Five (5) 1 lb. Slugs	LB	5	BX	10	10	5	Yes	5
EPD5B	10105	Duct Seal: 5 lb. Brick	LB	5	BX	10	10	5	No	5

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

LED RetroFit Kits for Vapor Tight Light Fixtures RetroFit Lighting

Replace your aging vapor tight light fixture currently using fluorescent lamps with our LED RetroFit Kits. This retrofit kit eliminates pending ballast failures, lamp flickering, dimness, and immediately saves 10% or more on the light fixture's energy consumption.

BENEFITS

- Retrofitting is less than half the cost compared to replacing the entire light fixture.
- LED RetroFit Kit includes a "new" smooth Acrylic Replacement Lens to look like a new LED Luminaire
- Easily field installed by a qualified electrician.
- Immediately gain high efficacy and higher lumen output from your lighting system.
- 50,000-hour plus average service life compared to 20,000-hour fluorescent lamps.
- DLC Certified to 5.0 Standard — Your retrofitted LED lighting system qualifies for energy-saving rebates from your local utility or electric co-op.

FEATURES

- The gear tray's modular wiring simplifies and expedites supply line connections to the existing lighting system.
- Guaranteed 40% reduction on energy consumption; Sustainable lower operating costs.
- The long-life LED circuit board is mounted directly to the gear tray for maximum thermal dissipation.
- High efficacy, long-life Standard or High Lumen Output (HO) applications.
- LED Driver includes:
 - » Auto-compensate feature to ensure "fail safe" operation.
 - » Inputs for dimmable lighting controls.



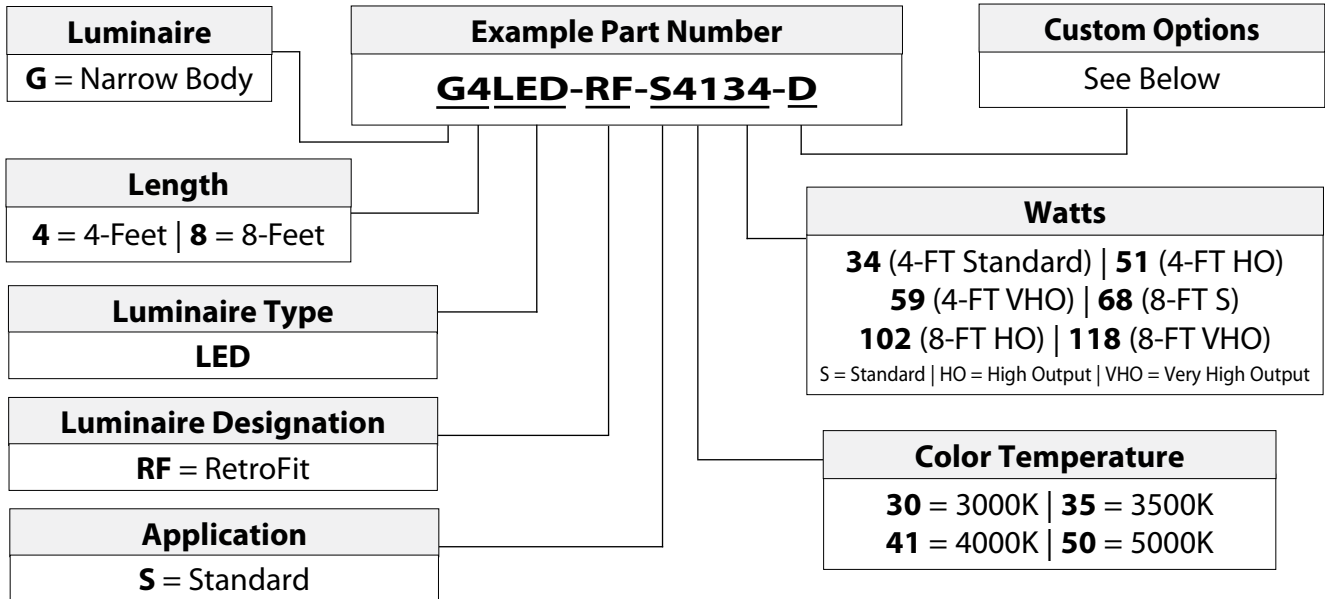
LED RetroFit Kit in Fixture Housing (not included)

Specifications	
Vapor Tight Fixture Housing Lengths	Accommodates 4- or 8-Foot Fixture Housings
Power Factor	.9 or Higher
Operating Voltage	120-277 VAC @ 60/50 Hz Standard Output and High Output
Operating Temperature	Standard Output and High Output: -40°F to 131°F (-40°C to 55°C) Very High Output: -40°F to 122°F (-40°C to 50°C)
Industry Certifications	DLC 5.0 Listed, ETL Listed (Per UL 1598/8750), RoHS Compliant
Warranty	5 Years / 50,000 Hours at L ₇₀

LED RetroFit Kits for Vapor Tight Light Fixtures

RetroFit Lighting

LED RetroFit Kits Part Number Configurator



Number of Latches



8 Latches (4-foot) or 14 Latches (8-foot): Will fit EPCO's LED RetroFit Kit



6 Latches (4-foot) or 12 Latches (8-foot): Will not fit EPCO's LED RetroFit Kit

Contact our Inside Sales Department (800.336.1976 or sales@engproducts.com) for more information.

LED RetroFit Kit Options	
Option	Notes
D. Dim to Off	Lighting system dimming controller dims to off.
E. Emergency LED Backup Driver	Call EPCO Inside Sales for lead time
L. Luminaire Disconnect	Luminaire Disconnect standard on all LED Luminaires.
Z. Bulk Packaging	25 or 50 per skid (eliminates individual carton packaging on the job site).

LED RetroFit Kits for Strip-Type Light Fixtures

RetroFit Lighting

Our LED RetroFit Conversion Kits include a complete Gear Tray Assembly to specifically convert older 4-foot and 8-foot T8 or T12 strip-type light fixtures into energy efficient LED luminaires.

- High quality components and attractive design make the retrofit look like a new LED luminaire at a fraction of the cost.
- Improves the quality, integrity, and sustainability of your lighting system.
- A complete LED lighting system upgrade solution reduces energy consumption and improves energy management.
- Delivers high performance lumen output; no need to purchase a new LED luminaire.
- Provides the contractor with ultimate installation flexibility.
- The LED retrofit conversion is fast and easy regardless of strip-type fixture brand.

BENEFITS

- ETL Listed to UL Standard 1598C.
- DLC 5.0 Listed and approved for 33-Watt and 66-Watt Part Numbers only.
- Reduced energy consumption up to 40% compared to older fluorescent-based lighting systems.
- High system efficacy.
- 100% tested and certified before shipping ensures out of the box performance.
- Assembled in the United States.

FEATURES

- One-piece construction, compact design, fast and trouble free installation.
- Integral adjustable installation brackets accommodate 4.25" or 5.0" strip-type fixture housing widths. See Figure 1.
- Available in two (2) or three (3) T8 fluorescent lamp equivalents.
- LED Strip Type Kits are available with or without the frosted diffuser to meet your application needs.

8-10
MINUTES
INSTALL
TIME*

LED RetroFit Conversion Kit
with LED Strip



LED RetroFit Conversion Kit
for T8 LED Lamps

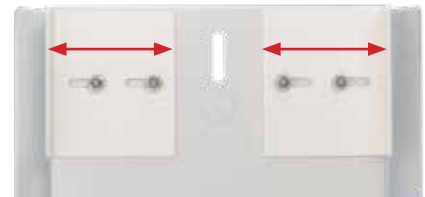
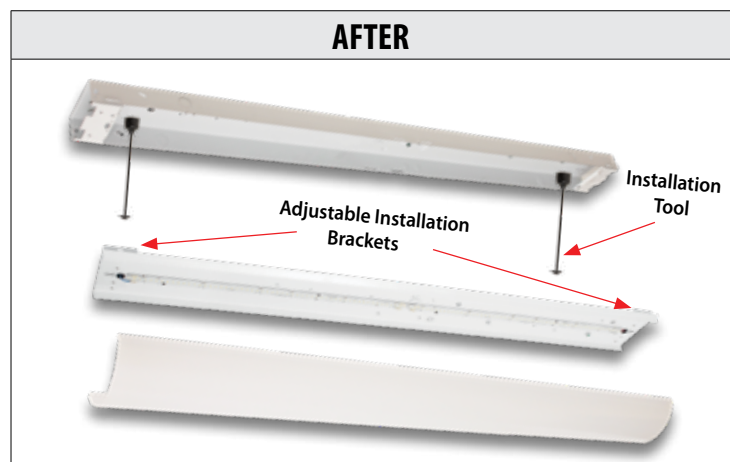
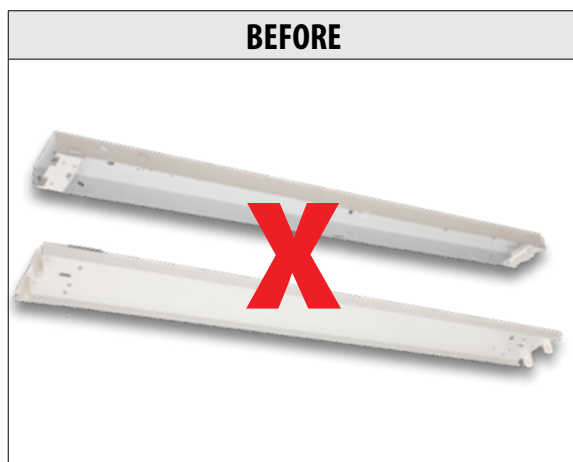


Figure 1: Adjustable Installation Bracket



*Install time for 4-foot LED RetroFit Kit by a Master Electrician

LED RetroFit Kits for Strip-Type Light Fixtures

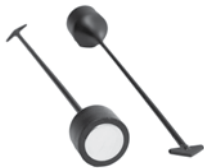
RetroFit Lighting

SPECIFICATIONS

- **Output Lumens (LED Strip with Diffuser):**
 - » 33-Watts (3,904 lumens, 127 efficacy)
 - » 48-Watts — High Output (4,920 lumens, 98 efficacy)
 - » 66-Watts (7,808 lumens, 127 efficacy)
 - » 96-Watts — High Output (9,840 lumens, 98 efficacy)
- **Operating Voltage:** 120-277 VAC @ 60/50 Hz
- **Wattage:** 33 or 48 (4-Foot); 66 or 96 (8-Foot)
- **LED Color Temperature:** 4000K or 5000K
- **Total Harmonic Distortion:** 20% or less
- **Protection:** Overvoltage, Over Current, and Short Circuit
- **Operating Temperature:** -4°F (-20°C) to 122°F (50°C)
- **Dimming Capability:** 0-100% Output
- **Warranty:** 5 Years or 50,000 Hours at L₇₀
- **Applications:** Dry or Damp Locations
- **Certifications:**
 - » UL Listed
 - » RoHS Compliant
 - » ETL Certified
 - » DLC Listed and Approved (33- and 66-Watts)
 - » FCC Part 15 Class B Consumer Limits (33- and 66-Watts)
 - » FCC Part 15 Class A Non-Consumer Limits (48- and 96-Watts)

OPTIONS AND ACCESSORIES

- **Frosted Diffuser:** One-piece snap-on polycarbonate UV stabilized frosted diffuser provides even lumen distribution and includes two (2) end caps with screws. The 8-Foot Fixture includes two (2) 4-Foot Diffusers, two (2) end caps and a center splice that connects the Diffusers for a complete installation.
- **Magnetic Installation Tool:** Suspension device used to expedite installation of the gear tray assembly. Supports one-man installation when installing 8-foot fixtures. Eliminates the use of string, tie wire, nylon straps, or other methods.
- **Energy Saving Occupancy Sensors:** Utilizing occupancy sensors provides automatic energy savings up to 70%. EPCO microwave occupancy sensors are suitable for low occupancy applications, including parking garage egress areas, building stairwells, warehouses and storage facilities. (Option R when ordering).
- **Emergency LED Backup Driver:** Meets life safety code requirements for Emergency Illumination; provides 90 minutes of emergency egress lighting. (Option E when ordering).



Magnetic Installation Tool



Microwave Occupancy Sensor



Snap-on Frosted Diffuser









8-foot LED RetroFit Conversion Kit with two (2) 4-Foot Diffusers, Center Splice Cover, and End Caps



End Caps (2)

LED RetroFit Kits for Strip-Type Light Fixtures

RetroFit Lighting

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
LED RetroFit Conversion Kits using LED Strip										
*RFK4-LED-3340	14036	4-FT Gear Tray, 33-Watts, 4000K 	EA	1	BX	1	1	1	No	9
RFK4-LED-3340-A	14037	4-FT Gear Tray, 33-Watts, 4000K, with Frosted Diffuser	EA	1	BX	1	1	1	No	11
*RFK4-LED-3350	14034	4-FT Gear Tray, 33-Watts, 5000K 	EA	1	BX	1	1	1	No	9
*RFK4-LED-3350-A	14035	4-FT Gear Tray, 33-Watts, 4000K, with Frosted Diffuser 	EA	1	BX	1	1	1	No	11
**RFK4-LED-4840	14006	4-FT Gear Tray, 48-Watts, 4000K	EA	1	BX	1	1	1	No	9
**RFK4-LED-4840-A	14007	4-FT Gear Tray, 48-Watts, 4000K, with Frosted Diffuser	EA	1	BX	1	1	1	No	11
**RFK4-LED-4850	14004	4-FT Gear Tray, 48-Watts, 5000K	EA	1	BX	1	1	1	No	9
**RFK4-LED-4850-A	14005	4-FT Gear Tray, 48-Watts, 5000K, with Frosted Diffuser	EA	1	BX	1	1	1	No	11
*RFK8-LED-6640	14030	8-FT Gear Tray, 66-Watts, 4000K 	EA	1	BX	1	1	1	No	18
RFK8-LED-6640-A	14031	8-FT Gear Tray, 66-Watts, 4000K, with Frosted Diffuser	EA	1	BX	1	1	1	No	21
*RFK8-LED-6650	14032	8-FT Gear Tray, 66-Watts, 5000K 	EA	1	BX	1	1	1	No	18
*RFK8-LED-6650-A	14033	8-FT Gear Tray, 66-Watts, 5000K, with Frosted Diffuser 	EA	1	BX	1	1	1	No	21
**RFK8-LED-9640	14028	8-FT Gear Tray, 96-Watts, 4000K	EA	1	BX	1	1	1	No	18
**RFK8-LED-9640-A	14029	8-FT Gear Tray, 96-Watts, 4000K, with Frosted Diffuser	EA	1	BX	1	1	1	No	21
**RFK8-LED-9650	14014	8-FT Gear Tray, 96-Watts, 5000K	EA	1	BX	1	1	1	No	18
**RFK8-LED-9650-A	14015	8-FT Gear Tray, 96-Watts, 5000K, with Frosted Diffuser	EA	1	BX	1	1	1	No	21
LED RetroFit Conversion Kits for T8 LED Lamps (Lamps not included)										
RFK4-T8LED-L1	14008	4-FT Gear Tray, for 1 Single-End Powered Lamp	EA	1	BX	1	1	1	No	7
RFK4-T8LED-L1-D	18008	4-FT Gear Tray, for 1 Dual-End Powered Lamp	EA	1	BX	1	1	1	No	7
RFK4-T8LED-L2-D	18010	4-FT Gear Tray, for 2 Dual-End Powered Lamps	EA	1	BX	1	1	1	No	7
RFK4-T8LED-L3-D	18009	4-FT Gear Tray, for 3 Dual-End Powered Lamps	EA	1	BX	1	1	1	No	7
RFK8-T8LED-L2	14012	8-FT Gear Tray, for 2 Single-End Powered Lamps	EA	1	BX	1	1	1	No	13
RFK8-T8LED-L2-D	18012	8-FT Gear Tray, for 2 Dual-End Powered Lamps	EA	1	BX	1	1	1	No	13
RFK8-T8LED-L4	14011	8-FT Gear Tray, for 4 Single-End Powered Lamps	EA	1	BX	1	1	1	No	13
RFK8-T8LED-L4-D	18011	8-FT Gear Tray, for 4 Dual-End Powered Lamps	EA	1	BX	1	1	1	No	13
RFK8-T8LED-L6	14013	8-FT Gear Tray, for 6 Single-End Powered Lamps	EA	1	BX	1	1	1	No	13
RFK8-T8LED-L6-D	18013	8-FT Gear Tray, for 6 Dual-End Powered Lamps	EA	1	BX	1	1	1	No	13
Options and Accessories										
RFK-TOOL	14019	Magnetic Installation Tool	EA	1	BG	2	2	2	Yes	1
RFK4-LENS	14039	4-FT Frosted Diffuser	EA	1	BX	1	1	1	Yes	2
RFK8-LENS	14038	8-FT Frosted Diffuser	EA	1	BX	1	1	1	Yes	3

* Indicates DLC 5.0 Certification

**Indicates High Lumen Output illumination

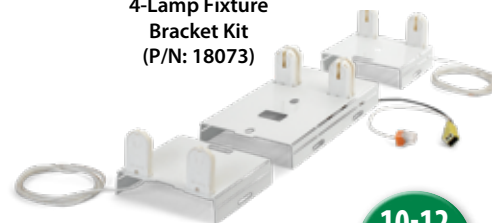
UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

T8 LED Fixture Bracket Kits

RetroFit Lighting

- Converts older 4-foot or 8-foot T12 or T8 fluorescent strip-type light fixtures using magnetic ballast to strip-type fixtures using T8 LED Lamps (not included).
- Available pre-wired with supply line and luminaire disconnect.
- For Single-End Powered or Dual-End Powered Bi-Pin T8 LED Lamps.
- Reuses original fixture housing.
- Minimal rewiring on the job site.
- Wiring Compartment Cover attaches to the Fixture Bracket Kit using 1/4 Turn Retainer Clips. Available for 4.25" or 5" wide Fixture Housings.

Pre-Wired, 8-Foot,
4-Lamp Fixture
Bracket Kit
(P/N: 18073)



10-12
MINUTES
INSTALL
TIME*

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Fixture Bracket Kits for Single-End Powered T8 LED Lamps										
14070	14070	8-FT, uses four (4) T8 LED Lamps	EA	1	BG	10	10	10	Yes	14
14070B	14072	8-FT, uses four (4) T8 LED Lamps (BULK)	EA	1	BG	20	20	20	Yes	28
14071	14071	8-FT, uses two (2) T8 LED Lamps	EA	1	BG	10	10	10	Yes	14
14073	14073	Pre-Wired, 8-FT, uses four (4) T8 LED Lamps	EA	1	BG	10	10	10	Yes	15
14073B	14075	Pre-Wired, 8-FT, uses four (4) T8 LED Lamps (BULK)	EA	1	BG	20	20	20	Yes	30
14074	14074	Pre-Wired, 4-FT, uses two (2) T8 LED Lamps	EA	1	BG	10	10	10	Yes	8
14074B	14078	Pre-Wired, 4-FT, uses two (2) T8 LED Lamps (BULK)	EA	1	BG	20	20	20	Yes	16
Fixture Bracket Kits for Dual-End Powered T8 LED Lamps										
18070	18070	8-FT, uses four (4) T8 LED Lamps	EA	1	BG	10	10	10	Yes	14
18070B	18072	8-FT, uses four (4) T8 LED Lamps (BULK)	EA	1	BG	20	20	20	Yes	28
18073	18073	Pre-Wired, 8-FT, uses four (4) T8 LED Lamps	EA	1	BG	10	10	10	Yes	15
18073B	18075	Pre-Wired, 8-FT, uses four (4) T8 LED Lamps (BULK)	EA	1	BG	20	20	20	Yes	30
18074	18074	Pre-Wired, 4-FT, uses two (2) T8 LED Lamps	EA	1	BG	10	10	10	Yes	8
18076	18076	4-FT, uses two (2) T8 LED Lamps	EA	1	BG	10	10	10	Yes	8
18077	18077	8-FT, uses two (2) T8 LED Lamps	EA	1	BG	10	10	10	Yes	14
18078	18078	Pre-Wired, 8-FT, uses two (2) T8 LED Lamps	EA	1	BG	10	10	10	Yes	15
Bundled Fixture Bracket Kits — Include Fixture Bracket, 4.25" Wiring Compartment Cover and 1/4 Turn Retainer Clips										
RBK8-4L-S	11408	Pre-Wired, 8-FT, uses four (4) Single-End Powered T8 LED Lamps	EA	1	BX	1	1	1	Yes	7
RBK8-2L-S	11409	Pre-Wired, 8-FT, uses two (2) Single-End Powered T8 LED Lamps	EA	1	BX	1	1	1	Yes	7
RBK4-2L-S	11404	Pre-Wired, 4-FT, uses two (2) Single-End Powered T8 LED Lamps	EA	1	BX	1	1	1	Yes	6
RBK8-4L-D	11808	Pre-Wired, 8-FT, uses four (4) Dual-End Powered T8 LED Lamps	EA	1	BX	1	1	1	Yes	7
RBK8-2L-D	11809	Pre-Wired, 8-FT, uses two (2) Dual-End Powered T8 LED Lamps	EA	1	BX	1	1	1	Yes	7
RBK4-2L-D	11804	Pre-Wired, 4-FT, uses two (2) Dual-End Powered T8 LED Lamps	EA	1	BX	1	1	1	Yes	6
Accessories										
14079	14079	4-FT Wiring Compartment Cover, for 5.0" Fixture Housing	EA	1	BX	20	20	20	Yes	19
14080	14080	4-FT Wiring Compartment Cover, for 4.25" Fixture Housing	EA	1	BX	12	12	12	Yes	17
14085	14085	1/4 Turn Retainer Clips for Wiring Compartment Cover and Reflectors	EA	1	BG	42	42	42	Yes	1

*Install time for 4-foot LED RetroFit Kit by a Master Electrician

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

T8 LED Wiring Harness Kits

RetroFit Lighting

- Converts older 4-foot or 8-foot T12 or T8 fluorescent light fixtures using magnetic ballast to strip-type fixtures using T8 LED Lamps.
- Pre-wired with supply line conductors and luminaire disconnect.
- For Single-End Powered T8 LED Lamps only.
- Expedites installation time by 50% and provides up to 40% energy reduction.
- Reuses original fixture housing.
- Minimal rewiring on the job site.



20+
MINUTES
INSTALL
TIME*

2-Lamp Wiring Harness Kit
(P/N: 14088)

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Wiring Harness Kits for Single-End Powered T8 LED Lamps										
14087	14087	8-FT, uses four (4) T8 LED Lamps	EA	1	BG	10	10	10	Yes	5
14088	14088	4-FT, uses two (2) T8 LED Lamps	EA	1	BG	10	10	10	Yes	5
14089	14089	8-FT, uses two (2) T8 LED Lamps	EA	1	BG	10	10	10	Yes	5
Accessories										
14079	14079	4-FT Wiring Compartment Cover, for 5.0" Fixture Housing	EA	1	BX	20	20	20	Yes	19
14080	14080	4-FT Wiring Compartment Cover, for 4.25" Fixture Housing	EA	1	BX	12	12	12	Yes	17

*Install time for 4-foot LED RetroFit Kit by a Master Electrician

T8 LED Troffer Wiring Harness Kits

RetroFit Lighting

- Converts older 2x2-foot or 2x4-foot troffer light fixtures to energy efficient luminaires using T8 LED Lamps.
- Pre-wired with supply line and luminaire disconnect.
- For Single-End Powered T8 LED Lamps only.
- Expedites installation time by 50% and provides up to 40% energy reduction.
- Reuses original fixture housing.
- Minimal rewiring on the job site.



4-Lamp Troffer Wiring Harness Kit
(P/N: 14087)

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Troffer Wiring Harness Kits for Single-End Powered T8 LED Lamps										
14087	14087	8-FT, uses four (4) T8 LED Lamps	EA	1	BG	10	10	10	Yes	5
14088	14088	4-FT, uses two (2) T8 LED Lamps	EA	1	BG	10	10	10	Yes	5
14089	14089	8-FT, uses two (2) T8 LED Lamps	EA	1	BG	10	10	10	Yes	5

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Magnetic Multi-Purpose LED RetroFit Kits

RetroFit Lighting

Engineered Products Company's (EPCO) Magnetic Multi-Purpose LED RetroFit Kits are specifically intended for upgrading Vapor Tight Light Fixtures currently using fluorescent lamps and converts them into LED Luminaires.

These Kits are a premium and affordable retrofit solution to update your older 4- or 8-foot* Fluorescent Vapor Tight Light Fixtures into LED Luminaires compared to purchasing and installing a new lighting system.

FEATURES

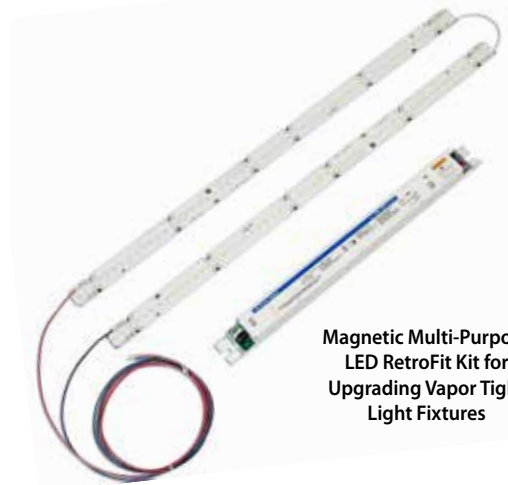
- High Efficiency — 138 Lumens per Watt.
- Magnetic Mounting Options for fast field retrofits.
- Attaches directly to the Vapor Tight Light Fixture gear tray.
- 100,000 Hour Rated Life.
- Can be integrated with virtually all lighting systems.
- Existing Vapor Tight Light Fixture gear tray can be used.

BENEFITS

- Lowers lighting system energy consumption up to 40%.
- Ready to install out of the box.
- Fast installation (approximately 8-10 minutes per Vapor Tight Light Fixture).
- Eliminates the purchase of new light fixtures.
- Complies with local and National energy regulations.
- Five (5) Year Warranty. For warranty information visit www.engproducts.com
- Meets the requirements of the 2020 National Electrical Code: Articles 410.10(A), 410.104(A), 410.130(G)(1), 547.5(C)(1)(2), and 547.8(A)(B).

SPECIFICATIONS

- **Lumen Output:**
 - 6,800 Lumens (P/N: G4LED-RF-C5051)
 - 6,732 Lumens (P/N: G4LED-RF-C4151)
- **Color Temperature:** 4000K or 5000K
- **Locations:** Dry Locations Only
- **Voltage:** 120-277 VAC
- **Wattage:** 51-Watts
- **Operating Temperature:** -40°F (-40°C) to 131°F (55°C)



Magnetic Multi-Purpose LED RetroFit Kit for Upgrading Vapor Tight Light Fixtures



Frosted Smooth Diffuser (Optional Accessory)
Note: Will not fit ALP Style Fixture Housings

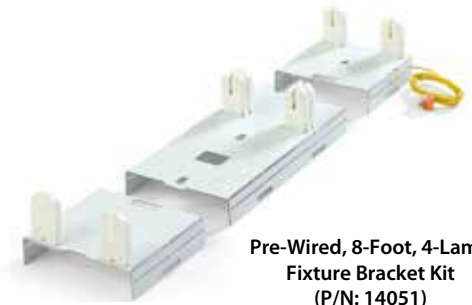
Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
G4LED-RF-C4151	25392	Magnetic Multi-Purpose LED RetroFit Kit for Vapor Tight Light Fixtures, 4000K Color Temperature	EA	1	BX	1	1	1	No	3
G4LED-RF-C5051	25394	Magnetic Multi-Purpose LED RetroFit Kit for Vapor Tight Light Fixtures, 5000K Color Temperature	EA	1	BX	1	1	1	No	3
Accessories										
GFF-DS4	14582	Vapor Tight - Frosted Smooth Diffuser, 4-FT	EA	1	BX	5	5	5	No	10
GFF-DS8	14583	Vapor Tight - Frosted Smooth Diffuser, 8-FT	EA	1	BX	5	5	5	No	21

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T8 and T5 Fluorescent Fixture Bracket Kits

RetroFit Lighting

- Converts older 4-foot or 8-foot T12 or T8 fluorescent strip-type light fixtures using magnetic ballast to energy efficient T5 or T8 luminaires.
- Available pre-wired with supply line and WAGO® Connector.
- Expedites installation time by 50% and provides up to 40% energy reduction.
- Reuses original fixture housing.
- Minimal rewiring on the job site.
- Wiring Compartment Cover attaches to the Fixture Bracket Kit using 1/4 Turn Retainer Clips. Available for 4.25" or 5" wide Fixture Housings.
- Specular Reflectors optimize lumen output and are available for 4.25" or 5" wide Fixture Housings.



Pre-Wired, 8-Foot, 4-Lamp
Fixture Bracket Kit
(P/N: 14051)



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Fixture Bracket Kits for T8 Fluorescent Lamps										
14050	14050	8-FT, uses four (4) T8 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	11
14050B	14052	8-FT, uses four (4) T8 Fluorescent Lamps (BULK)	EA	1	BG	20	20	20	Yes	23
14051	14051	Pre-Wired, 8-FT, uses four (4) T8 Fluorescent Lamps with WAGO Connector	EA	1	BG	10	10	10	Yes	12
14051B	14053	Pre-Wired, 8-FT, uses four (4) T8 Fluorescent Lamps with WAGO Connector (BULK)	EA	1	BG	20	20	20	Yes	24
14055	14055	8-FT, uses two (2) T8 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	11
14056	14056	Pre-Wired, 8-FT, uses two (2) T8 Fluorescent Lamps with WAGO Connector	EA	1	BG	10	10	10	Yes	11
14090	14090	4-FT, uses two (2) T8 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	6
Fixture Bracket Kits for T5 Fluorescent Lamps										
14060	14060	8-FT, uses four (4) T5 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	11
14065	14065	8-FT, uses two (2) T5 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	11
14066	14066	4-FT, uses two (2) T5 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	6
14067	14067	4-FT, uses one (1) T5 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	6
Accessories										
14079	14079	4-FT Wiring Compartment Cover, for 5.0" Fixture Housing	EA	1	BX	20	20	20	Yes	19
14080	14080	4-FT Wiring Compartment Cover, for 4.25" Fixture Housing	EA	1	BX	12	12	12	Yes	17
14085	14085	1/4 Turn Retainer Clips for Wiring Compartment Cover and Reflectors	EA	1	BG	42	42	42	Yes	1
14091	14091	6" White Reflector, for 4.58" Fixture Housing	EA	1	BX	20	20	20	Yes	14
14092	14092	6" Specular Reflector, for 4.58" Fixture Housing	EA	1	BX	20	20	20	Yes	14
14095	14095	10" White Reflector, for 5.10" Fixture Housing	EA	1	BX	20	20	20	Yes	16
14096	14096	10" Specular Reflector, for 5.10" Fixture Housing	EA	1	BX	20	20	20	Yes	16

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LED CordLights™

Engineered Products Company's (EPCO) LED CordLights are an energy efficient, labor saving alternative to traditional string lights. Constructed of heavy-duty 18/2 SJTW round cord and available in 50- or 100-foot lengths, these CordLights are ETL Listed, comply with UL Standard 153 for Portable Electric Luminaires, and are suitable for a variety of temporary construction lighting applications.

BENEFITS

- Each LED Module produces excellent 5000K white light.
- Labor savings! Easy installation and no lamps to replace.
- Reduced energy costs with minimal power draw.
- Tested for optimal performance, durability, and reliability.
- Suitable for damp and wet locations.
- IP65 Weather-resistant LED Modules resist dust and rain.
- Beam Angle: 120°.
- Linkable to connect additional LED CordLights.
- Meets the requirements of the 2020 National Electrical Code: Articles 590.4(E)(F)(J).

FEATURES

- Commercial grade, high-power LEDs.
- Available in 50- or 100-foot lengths.
- 10-Foot spacing between LED Modules.
- Constructed of heavy duty 18/2 SJTW round cord.
- Includes carabiner coupling link to expedite installation.

SPECIFICATIONS

- **Lumen Output:**
 - 20,000 Lumens (P/N: 16050)
 - 10,000 Lumens (P/N: 16040)
 - 5,000 Lumens (P/N: 16045)
- **Color Temperature:** 5000K
- **Locations:** Damp or Wet Environments
- **Length:** 50- or 100-feet
- **Voltage:** 120-Volt plug and receptacle
- **Operating Temperature:** -4°F (-20°C) to 104°F (40°C)
- **Cord:** Heavy-duty 18/2 SJTW

Temporary Lighting



Standard Lumen Output
(P/Ns: 16040 and 16045)



High Lumen Output
(P/N: 16050)



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
16040	16040	LED CordLights: 100-FT Length, Standard Output	EA	1	BX	2	2	1	No	9
16045	16045	LED CordLights: 50-FT Length, Standard Output	EA	1	BX	4	4	1	No	5
16050	16050	LED CordLights: 100-FT Length, High Output	EA	1	BX	2	2	1	No	11

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

TIGER™ Temporary LED Luminaire

Temporary Lighting

Engineered Products Company's (EPCO) TIGER Temporary LED Luminaire is a low cost, energy efficient lighting solution that is highly functional for use in high and low bay lighting applications and a recommended alternative to metal halide light fixtures. This luminaire provides 360 degrees of brilliant white illumination and requires no maintenance. This translates to a productive work environment during building construction or major renovation projects. Energy consumption is less than half of the total energy costs when compared to old metal halide lamps.

BENEFITS

- No assembly required! Ready to use out of the box.
- Compact size; impact and shock resistant. Can be used in any "sized" space to complete work.
- Provides optimal lumen output with no light degradation.
- No maintenance expenses.
- Significant energy savings for 24 hours a day usage compared to other temporary lighting methods.
- Rated life is 50,000 hours, minimum.
- Meets the requirements of the 2020 National Electrical Code: Articles 410.62(C)(1) and (2).
- 5-Year Warranty. For warranty information visit www.engproducts.com.

FEATURES

- Omni-directional lumen output; directs 100% of the light outward and downward.
- Highest lumen output to weight ratio on the market.
- Ergonomic comfort handle facilitates transportation on the job site.
- "Snap-Lock" Hang Hook expedites installation to rebar, steel pipe or copper tubing.
- Integral security Lock-Hold™ in the comfort handle accommodates a 5/16" padlock shackle; provides theft protection for your LED luminaire.
- Heavy-duty welded Lamp Guard with white powder-coat finish.

SPECIFICATIONS

- **Lumen Output:**
 - 18,750 Lumens (P/N: 15737)
 - 12,500 Lumens (P/N: 15735)
 - 7,200 Lumens (P/N: 15736)
- **Color Temperature:** 5000K
- **Voltage:** 120-277-Volts
- **Wattage:** 150-, 100-, or 60-Watts
- **Locations:** Dry or Damp Environments
- **Operating Temperature:** -4°F (-20°C) to 104°F (40°C)
- **Cord:** 8-Foot 18 AWG SJTW, with NEMA 5-15 Plug and Receptacle



150-Watt
(P/N: 15737)



100-Watt
(P/N: 15735)



60-Watt
(P/N: 15736)

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
15735	15735	100-Watt, with Lamp Guard and 8-FT 18 AWG SJTW Round Cord	EA	1	BX	4	4	4	Yes	19
15736	15736	60-Watt, with Lamp Guard and 8-FT 18 AWG SJTW Round Cord	EA	1	BX	4	4	4	Yes	15
15737	15737	150-Watt, with Lamp Guard and 8-FT 18 AWG SJTW Round Cord	EA	1	BX	4	4	4	Yes	21

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Deluxe CordLights™

Temporary Lighting

- Intended for severe environments. Impervious to dust, dirt, chemical vapors, salt spray, and other corrosive elements.
- Lamp sockets feature rigid-mounted eyelets for hooks or wire to expedite hanging.
- Patented snap-on, snap-off fitting enables quick replacement if the Safety Cage becomes damaged. Safety Cage clasp easily facilitates bulb changes.
- Meets the requirements of the 2020 National Electrical Code: Article 590.4(F).

SPECIFICATIONS

- **Length:** 100-feet with 10-foot Centers
- **Lamps:** A21 LED or A23 Incandescent

ACCESSORIES

- **Single Lamp Light Kit:** A low-cost temporary lighting solution that easily fits within your budget for small construction, renovation, retrofit projects, maintenance and repair services. Meets the requirements of the 2020 National Electrical Code and OSHA requirement 1926.56.
- **Pigtail Lamp Socket:** A patented “snap-off, snap-on” fitting on the lamp socket enables quick replacement if the Safety Cage becomes damaged; 6” leads, pre stripped 5/8”; Suitable for indoor or outdoor use.
- **Insulation Piercing Lamp Socket:** Integrally designed terminals and contacts provide a super electrical connection used with 12 or 14 AWG stranded wire; No cutting, stripping, wire nuts, or soldering required.



Deluxe CordLight

Single Lamp Light Kit



Insulation Piercing Lamp Socket (P/N: 16022)



Pigtail Lamp Socket (P/N: 16023)

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Deluxe CordLights										
16010	16010	Deluxe CordLights: 14/2 SJTW Round Cord (no plug)	EA	1	BX	1	1	1	No	13
16350	16350	Deluxe CordLights: 12/3 SJTW Round Cord (no plug)	EA	1	BX	1	1	1	No	19
16353	16353	Deluxe CordLights: 12/3 SJTW Round Cord (molded plug)	EA	1	BX	1	1	1	No	19
16024	16024	Single Lamp Light Kit: No Lamp	EA	1	BX	1	12	1	No	5
16025	16025	Single Lamp Light Kit: Includes LED Lamp	EA	1	BX	1	12	1	No	5
Accessories										
15681	15681	LED A21 Lamp: 15.5-Watt, 5000K, dimmable, Energy Star Rated	EA	1	BX	12	12	1	No	1
16022	16022	Insulation Piercing Lamp Socket	EA	5	BG	0	0	5	Yes	1
16023	16023	Pigtail Lamp Socket: 6” Leads	EA	5	BG	0	0	5	Yes	1
16100	16100	Safety Cage for Deluxe CordLights (Yellow)	EA	1	BX	10	10	10	Yes	1
16110	16110	Safety Cage for Insulation Piercing Lamp Socket (Yellow)	EA	1	BX	10	10	10	Yes	1

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

TIGRESS™ Temporary Luminaires

- Low cost, energy efficient lighting solutions that are highly functional for low to medium bay applications and recommended alternatives to metal halide luminaires.
- Pre-installed “Snap-Lock” Hang Hook expedites installation.
- Durable steel housing with powder coated finish and 11-Gauge Wire Safety Cage.
- Meets the requirements of the 2020 National Electrical Code: Articles 410.62(C)(1)(2), 410.104(A), 410.130(F)(5), and 590.4(F).

TIGRESS MULTI LAMP TEMPORARY LUMINAIRES

- **Configurations:** Available with or without an LED Corn Cob Lamp and with or without a Power Cord
- **Locations:** Dry or Damp Locations
- **LED Lamps (optional):** 5000K, available with 10,000, 15,000, or 20,000 Lumens
- **Power Cord (optional):** 6-Foot, 16/3 SJT
- **Multi-Input Voltage Range:** 120-277 VAC @ 60/50 Hz

TIGRESS CFL TEMPORARY LUMINAIRE

- **Lumen Output:** 6,900
- **Color Temperature:** 5000K
- **Locations:** Dry Locations Only
- **Voltage:** 120-Volts
- **Wattage:** 105-Watts
- **Minimum Starting Temperature** 10°F (-12°C)
- **Power Cord:** 5-Foot, 18/3 SJTW

Temporary Lighting



TIGRESS Multi-Lamp



TIGRESS Multi-Lamp with 6-Foot Cord



TIGRESS Multi-Lamp with LED Lamp and 6-Foot Cord



TIGRESS Multi-Lamp with LED Lamp



TIGRESS CFL Temporary Luminaire

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
TIGRESS Multi-Lamp Temporary Light Fixtures										
15721	15721	TIGRESS Multi-Lamp Temporary Light Fixture	EA	1	BX	1	1	1	No	6
15721-PC6	15797	TIGRESS Multi-Lamp, with 6-FT SJT 16/3 Cord	EA	1	BX	1	1	1	No	6
15721-10K5	57941	TIGRESS Multi-Lamp, with 10,000 Lumen LED Lamp	EA	1	BX	1	1	1	No	8
15721-15K5	57958	TIGRESS Multi-Lamp, with 15,000 Lumen LED Lamp	EA	1	BX	1	1	1	No	8
15721-20K5	57965	TIGRESS Multi-Lamp, with 20,000 Lumen LED Lamp	EA	1	BX	1	1	1	No	8
15721-10K5-PC6	15791	TIGRESS Multi-Lamp, with 10,000 Lumen LED Lamp and 6-FT SJT 16/3 Cord	EA	1	BX	1	1	1	No	9
15721-15K5-PC6	15792	TIGRESS Multi-Lamp, with 15,000 Lumen LED Lamp and 6-FT SJT 16/3 Cord	EA	1	BX	1	1	1	No	9
15721-20K5-PC6	15793	TIGRESS Multi-Lamp, with 20,000 Lumen LED Lamp and 6-FT SJT 16/3 Cord	EA	1	BX	1	1	1	No	9
TIGRESS CFL Temporary Luminaire										
15720	15720	TIGRESS 105-Watt CFL Temporary Luminaire	EA	1	BX	1	1	1	No	7
15725	15725	105-Watt Compact Fluorescent Lamp - T4 Coil Type	EA	1	BX	10	10	10	Yes	1

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

ProSeries™ AG LED Utility Luminaire

Engineered Products Company's (EPCO) ProSeries AG LED Utility Luminaire provides 95% electrical efficiency and is suitable for a variety of lighting applications. High-power LEDs provide excellent white-light distribution with color-rendering quality that portray the true colors of objects. This LED light engine reduces energy consumption, lowers carbon emissions*, and is ideal for universal lighting system building integration.

Manufactured with high-quality materials and workmanship, this durable IP65 rated environmentally resistant LED light engine uses a solid core, pre-shrunk silicone gasket to ensure a water-tight seal against material debris, water, or moisture ingress. This combination of materials ensures a consistent and sustainable performance at a very cost-effective, competitive price.

***Note:** The ProSeries AG LED Utility Luminaire produces a mere 451 lbs. of CO₂ per year.

Benefits

- Listed to UL Standard 1598 (tested).
- Energy Saving; 105 lumens per watt. Consumes only 10.5-Watts of electricity; equivalent to 60-Watt incandescent lamp or 23-Watt Compact Fluorescent Lamp.
- Fast, labor-saving installation.
- Suitable for use with all non-metallic wiring systems.
- Can be Surface or Ceiling mounted.
- Indoor, outdoor, damp or wet location applications.
- Can be used for applications where high-pressure wash down is required.
- Mounts directly to any EPCO 4" Junction Box.
- Warranty: Five (5) years.
- Meets the requirements of the 2020 National Electrical Code: Articles 410.10(A), 410.48, 410.52, 410.104(A), 410.117(A), 547.5(C)(1)(2).

Features

- Blends with existing light fixtures and complements sight line uniformity.
- Optimal illumination, significant energy savings and virtually no luminaire maintenance.
- Circular distribution pattern evenly distributes light at all lateral angles; requires fewer lighting luminaires. See Figure 1.
- ProSeries AG LED Utility Luminaire includes:
 - » LED Light Engine with superior optics to magnify LED lumen output with minimal glare.
 - » Frosted UV and impact resistant Polycarbonate Diffuser.
 - » High temperature, continuous red silicone gasket (ensures a water-resistant seal against material debris, water, or moisture ingress).
 - » Cast-aluminum Heat Sink finished with a black, electrically applied "E-Coat" paint material that will not rust or corrode in the harshest environment.
 - » Lightweight, compact, and timeless styling.

Utility Lighting



ProSeries AG LED Utility Luminaire
(P/N: 15924)



ProSeries AG LED Utility Luminaire shown with SPIDERBOX™ Junction Box with Glue-in Hubs
(Optional accessory; see Page 3 for more information)

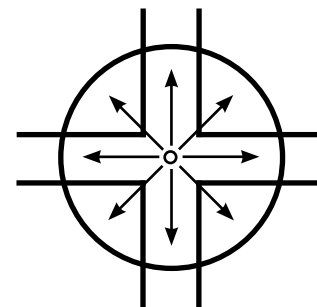


Figure 1: Circular light distribution pattern

ProSeries™ AG LED Utility Luminaire

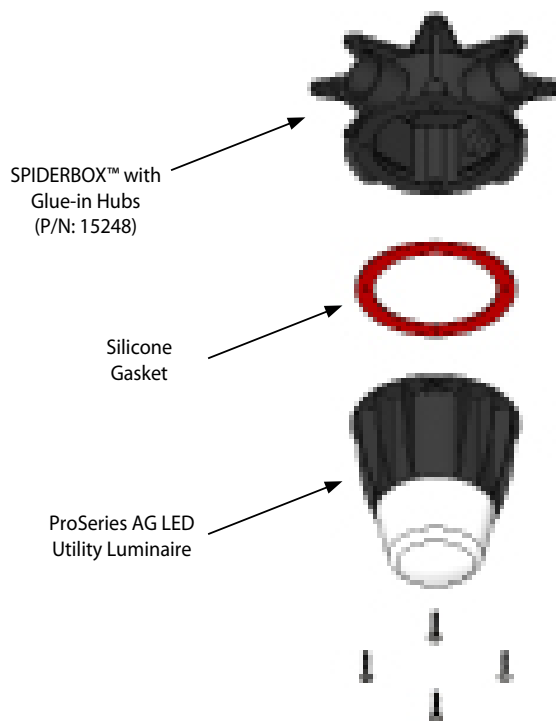
Utility Lighting

SPECIFICATIONS

- **Lumen Output:** 1,100+/-10%
- **Wattage:** 10.5-Watts
- **Power Consumption:** 0.10 Amps
- **Operating Voltage:** 120 Volts Only
- **Power Factor:** 0.9 Minimum
- **Total Harmonic Distortion:** <20%
- **Correlated Color Temperature:** 5000K (+ or - 300K)
- **Color Rendering Index (CRI):** >80
- **LED Circuits:** 50,000 Hours
- **Efficacy:** 105 lm/W
- **Locations:** Dry, Damp or Wet Environments
- **Operating Temperature:** -4°F (-20°C) to 122°F (50°C)

- **Warranty:** 50,000 Hours / 5-years at L₇₀
- **Dimming:** Non-Dimmable
- **Certifications:**
 - cULus
 - IP65 Certified
 - Meets the requirements of the 2020 National Electrical Code: Articles 410.10(A), 410.48, 410.52, 410.104(A), 410.117(A), 547.5(C)(1)(2).
 - FCC, Part 15. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept and interference received, including interference that may cause undesired operation."

INSTALLATION EXAMPLE



DIMENSIONAL REFERENCES



UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

ProSeries™ “Elite” LED Utility Luminaires

Utility Lighting

- Energy efficient, sustainable, and cost-effective alternative lighting solution for environments where ingress protection from dust and moisture is highly desirable.
- Available as a Ceiling/Pendant or Wall Mount Luminaire.
- Includes Aluminum Heat Sink and 15.8 cubic inch Die Cast Aluminum Junction Box.
- Will not rust or corrode in the harshest environments.

SPECIFICATIONS

- **Lumen Output:** 1200+ Minimum (with White Diffuser)
- **Color Temperature:** 5000-5400K
- **Voltage:** 120-Volts
- **Wattage:** 15-Watts
- **Locations:** Damp or Wet Environments
- **Operating Temperature:** -4°F (-20°C) to 113°F (45°C).
- **Diffuser Colors:** White, Amber, Blue, Green, or Red.



ProSeries Elite Ceiling/Pendant Mount (P/N: 15930)

ProSeries Elite Wall Mount (P/N: 15931)



Red Lens

Blue Lens

Amber Lens

Green Lens

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
ProSeries Elite LED Utility Luminaires										
15930	15930	ProSeries Elite Ceiling/Pendant Mount LED Utility Luminaire	EA	1	BX	12	12	1	No	2
15931	15931	ProSeries Elite Wall Mount LED Utility Luminaire	EA	1	BN	12	12	12	Yes	2
ProSeries Elite LED Utility Color Luminaires										
15930-AM	16065	ProSeries Elite Ceiling/Pendant Mount LED Utility Luminaire (Amber)	EA	1	BX	12	12	1	No	2
15930-BL	16068	ProSeries Elite Ceiling/Pendant Mount LED Utility Luminaire (Blue)	EA	1	BX	12	12	1	No	2
15930-GN	16067	ProSeries Elite Ceiling/Pendant Mount LED Utility Luminaire (Green)	EA	1	BX	12	12	1	No	2
15930-RD	16066	ProSeries Elite Ceiling/Pendant Mount LED Utility Luminaire (Red)	EA	1	BX	12	12	1	No	2
15931-BL	16073	ProSeries Elite Wall Mount LED Utility Luminaire (Blue)	EA	1	BX	12	12	1	No	2
15931-GN	16072	ProSeries Elite Wall Mount LED Utility Luminaire (Green)	EA	1	BX	12	12	1	No	2
15931-RD	16071	ProSeries Elite Wall Mount LED Utility Luminaire (Red)	EA	1	BX	12	12	1	No	2

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

ProSeries™ LED Utility Luminaire and LED Upgrade Utility Lighting

- Energy efficient, sustainable, and cost-effective alternative lighting solution for environments where ingress protection from dust and moisture is highly desirable.
- Easy to install: Uses eight (8) mounting brackets that are in-line with 1/2" and 3/4" trade size knockouts, and eliminates a 2" x 4" stub-in.
- Includes Aluminum Heat Sink and 18 cubic inch Polybutylene Terephthalate (PBT) Junction Box.
- Can be used where high-pressure wash down is required.
- Lightweight construction.
- Will not rust or corrode in the harshest environments.
- Meets the requirements of the 2020 National Electrical Code: Articles 410.10(A), 410.48, 410.52, 410.104(A), 410.117(A), 547.5(C)(1)(2).

SPECIFICATIONS

- **Lumen Output:** 1200+ Minimum
- **Color Temperature:** 5000-5400K
- **Voltage:** 120-Volts
- **Wattage:** 15-Watts
- **Locations:** Damp or Wet Environments
- **Operating Temperature:** -4°F (-20°C) to 113°F (45°C).
- **Diffuser Colors:** White, Amber, Blue, Green, or Red.
- **Retrofit Capabilities:** Available as an LED Upgrade with Adapter Ring and Silicone Gasket to retrofit jelly jar light fixtures.



ProSeries LED Utility Luminaire (P/N: 15913)



ProSeries LED Utility Luminaire Upgrade (P/N: 15973)



Red Lens



Blue Lens



Amber Lens



Green Lens



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
ProSeries LED Utility Luminaires										
15913	15913	ProSeries LED Utility Luminaire	EA	1	BX	12	12	1	No	2
15915	15915	ProSeries LED Utility Luminaire (BULK)	EA	1	BN	12	12	12	Yes	17
15973	15973	ProSeries LED Utility Luminaire Upgrade	EA	1	BX	12	12	1	No	1
15975	15975	ProSeries LED Utility Luminaire Upgrade (BULK)	EA	1	BN	12	12	12	Yes	14
ProSeries LED Utility Color Luminaires										
15913-AM	16060	ProSeries LED Utility Luminaire (Amber)	EA	1	BX	12	12	1	No	2
15913-BL	16063	ProSeries LED Utility Luminaire (Blue)	EA	1	BX	12	12	1	No	2
15913-GN	16062	ProSeries LED Utility Luminaire (Green)	EA	1	BX	12	12	1	No	2
15913-RD	16061	ProSeries LED Utility Luminaire (Red)	EA	1	BX	12	12	1	No	2
15973-AM	16075	ProSeries LED Utility Luminaire Upgrade (Amber)	EA	1	BX	12	12	1	No	1
15973-BL	16078	ProSeries LED Utility Luminaire Upgrade (Blue)	EA	1	BX	12	12	1	No	1
15973-GN	16077	ProSeries LED Utility Luminaire Upgrade (Green)	EA	1	BX	12	12	1	No	1
15973-RD	16076	ProSeries LED Utility Luminaire Upgrade (Red)	EA	1	BX	12	12	1	No	1

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

ProSeries™ “Junior” LED Utility Luminaires

Utility Lighting

- **LED Utility Lamp:** A direct replacement for incandescent or CFL lamps currently used in jelly jar fixtures. The LED lamp upgrades these light fixtures into energy efficient and cost-effective LED luminaires. It adapts quickly and easily to most jelly jar fixtures on the market. Includes E26 Socket Connector for fast and easy installation.
- **LED Utility Luminaire Upgrade:** A direct “hard-wire” replacement for light fixture bases that have been in service longer than five (5) years. Over time, deterioration from solid and hazardous waste pollution, moisture, UV emissions, and other environmental causes can start to occur.
- **LED Utility Luminaire:** A complete LED luminaire, includes 18 cubic inch Junction Box with 1/2” and 3/4” Knockout Combo.
- Designed specifically for retrofitting and upgrading “jelly jar” fixtures for utility lighting applications — swine, poultry, dairy cattle, fish, and other food and agricultural products
- Energy efficient, sustainable, and cost-effective alternative lighting solution for environments where ingress protection from dust and moisture is highly desirable.
- Polycarbonate, lightweight construction will not rust or corrode.

SPECIFICATIONS

- **Lumen Output:** 1440
- **Color Temperature:** 5000K
- **Voltage:** 120-277-Volts
- **Wattage:** 14-Watts
- **Locations:** Damp or Wet Environments
- **Operating Temperature:** -4°F (-20°C) to 113°F (45°C).



ProSeries Junior LED Utility Lamp (P/N: 15980)



ProSeries Junior LED Luminaire Upgrade (P/N: 15981)



ProSeries Junior LED Luminaire (P/N: 15982)



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
ProSeries Junior LED Utility Luminaires										
15980	15980	ProSeries Junior LED Utility Lamp	EA	1	BX	12	12	1	No	1
15980B	15983	ProSeries Junior LED Utility Lamp (BULK)	EA	1	BN	12	12	12	Yes	13
15981	15981	ProSeries Junior LED Utility Luminaire Upgrade	EA	1	BX	12	12	1	No	1
15981B	15984	ProSeries Junior LED Utility Luminaire Upgrade (BULK)	EA	1	BN	12	12	12	Yes	13
15982	15982	ProSeries Junior LED Utility Luminaire	EA	1	BX	12	12	1	No	2
15982B	15985	ProSeries Junior LED Utility Luminaire (BULK)	EA	1	BN	12	12	12	Yes	15
Standard Non-Metallic Junction Boxes										
15045	15045	12 Cubic Inch, 1/2” and 3/4” Knockout Combo	EA	1	BX	12	12	12	Yes	6
15046	15046	12 Cubic Inch, 1/2” Knockouts	EA	1	BX	12	12	12	Yes	6
15047	15047	12 Cubic Inch, 3/4” Knockouts	EA	1	BX	12	12	12	Yes	6
15049	15049	19 Cubic Inch, 3/4” Knockouts	EA	1	BX	12	12	12	Yes	6
SPIDERBOX Non-Metallic Junction Boxes										
15246	15246	12 Cubic Inch, 1/2” Knockouts	EA	1	BX	12	12	12	Yes	6
15247	15247	12 Cubic Inch, 3/4” Knockouts	EA	1	BX	12	12	12	No	6

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ProSeries™ Medium Base Light Fixtures

Utility Lighting

- Cost-effective lighting solution for environments where ingress protection from dust and moisture is highly desirable. Can be used where high-pressure wash down is required.
- Use with 60-Watt or 150-Watt Incandescent Lamps.
- Easy to install: Uses eight (8) mounting brackets that are in-line with 1/2" and 3/4" trade size knockouts, and eliminates a 2" x 4" stub-in.
- Includes 18 cubic inch Polybutylene Terephthalate (PBT) Junction Box.
- Lightweight construction.
- Will not rust or corrode.
- Optional impact resistant quarter-turn safety cage attaches to the Octi-Junction Box without tools.
- Meets the requirements of the 2020 National Electrical Code: Articles 314.15, 314.16(A)(2), 314.17(C), 410.10(A), 410.104(A), 547.5(C)(1)(2), and 547.8 (A)(B).



ProSeries Utility Luminaire with Safety Cage (P/N: 15801)



LUMINAIRE GLOBES

- **Glass Globes:** For use with "A" Series Incandescent Lamps (150-Watt maximum).
- **Polycarbonate Globes:** UV stabilized material.



Standard Glass Globe Polycarbonate Clear Globe

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
ProSeries Utility Luminaires: Rated for 150-Watt Incandescent Lamp										
15800	15800	ProSeries Utility Luminaire, Standard Glass Globe	EA	1	BX	12	12	1	No	3
15800B	15850	ProSeries Utility Luminaire, Standard Glass Globe (BULK)	EA	1	BN	12	12	12	Yes	38
15801	15801	ProSeries Utility Luminaire, Standard Glass Globe and Safety Cage	EA	1	BX	12	12	1	No	3
15801B	15851	ProSeries Utility Luminaire, Standard Glass Globe and Safety Cage (BULK)	EA	1	BN	12	12	12	Yes	38
15810B	15860	ProSeries Utility Luminaire, Tempered Glass Globe (BULK)	EA	1	BN	12	12	12	Yes	38
ProSeries Utility Luminaires: Rated for 60-Watt Incandescent Lamp										
15805B	15855	ProSeries Utility Luminaire, Acrylic Prismatic Globe (BULK)	EA	1	BN	12	12	12	Yes	38
15806	15806	ProSeries Utility Luminaire, Polycarbonate Clear Globe	EA	1	BX	12	12	1	No	2
15806B	15856	ProSeries Utility Luminaire, Polycarbonate Clear Globe (BULK)	EA	1	BN	12	12	12	Yes	38
Utility Luminaire Globes										
15015	15015	Standard Glass Globe	EA	1	BX	32	32	32	Yes	34
15020	15020	Polycarbonate Clear Globe	EA	1	BX	12	12	12	Yes	5
Accessories										
15812	15812	Safety Cage	EA	1	BX	12	12	1	No	1
15815	15815	Octi-Junction Box Cover, with Porcelain Lamp Holder	EA	1	BX	12	12	1	No	1
15681	15681	LED A21 Lamp, 15.5-Watt, 5000K, Energy Star Rated	EA	1	BX	12	12	1	No	1

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Utility Light Fixtures

Utility Lighting

- Includes cork gasket, corrosion resistant screws, rubber washer, and porcelain E26 lamp socket with corrosion resistant nickel-plated brass screw shell.
- Use with 60-Watt or 150-Watt Incandescent Lamps.
- Available with or without a Junction Box.
- Suitable for use in Dry or Damp Locations.
- Polycarbonate, lightweight construction will not rust or corrode.
- Meets the requirements of the 2020 National Electrical Code: Articles 314.16(A)(2), 314.17(C), 410.10(A), and 547.5(C)(1)(2)(3).



Utility Luminaire

Wire Guard



Standard Glass Globe

Polycarbonate Clear Globe

LUMINAIRE GLOBES

- **Glass Globes:** For use with "A" Series Incandescent Lamps (150-Watt maximum).
- **Polycarbonate Globes:** UV stabilized material.

WIRE GUARD

- Fits Glass Globes only.
- 8 AWG steel, with a three-coat electrolytic plating.
- Clamp-type attachment.

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Ceiling Mount Luminaires: With 12 Cubic Inch Junction Box										
15000	15000	Utility Luminaire, Standard Glass Globe, 1/2" and 3/4" Knockout Combo	EA	1	BX	12	12	12	Yes	24
15002	15002	Utility Luminaire, Standard Glass Globe, 3/4" Knockout	EA	1	BX	12	12	12	Yes	24
15005	15005	Utility Luminaire, Polycarbonate Globe, 1/2" and 3/4" Knockout Combo	EA	1	BX	12	12	1	No	2
15007	15007	Utility Luminaire, Acrylic Prismatic Globe, 1/2" and 3/4" Knockout Combo	EA	1	BX	12	12	1	No	2
Utility Luminaires: Without Junction Box										
15050	15050	Utility Luminaire, Standard Glass Globe	EA	1	BX	12	12	12	Yes	20
15055	15055	Utility Luminaire, Polycarbonate Clear Globe	EA	1	BX	12	12	1	No	1
15090	15090	Medium Base, no Globe	EA	1	BX	12	12	1	No	1
Utility Luminaire Globes										
15015	15015	Standard Glass Globe	EA	1	BX	32	32	32	Yes	34
15020	15020	Polycarbonate Clear Globe	EA	1	BX	12	12	12	Yes	5
Utility Luminaire Wire Guard										
15063	15063	Wire Guard	EA	1	BX	0	0	1	No	2

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Junction Boxes

Utility Lighting

SPIDERBOX™ JUNCTION BOX WITH GLUE-IN HUBS

- 12-Cubic Inch capacity.
- Four (4) Glue-in Hubs — two (2) open and two (2) closed.
- Eliminates using a 3/4" (.75") male terminal adapter.
- Recommended for use with 3/4" schedule 40 PVC conduit.
- Construction — UL 94 - 5VA Thermoplastic, the industry standard plastic material.
- Suitable for use in dry, damp, or wet locations.
- Rated for 122°F (50°C).
- Easy to install using eight (8) mounting brackets that are in-line with knockouts. Eliminates a 2"x4" stub-in.



12 Cubic Inch with Glue-In Hubs
(P/N: 15248)

STANDARD PHENOLIC NON-METALLIC JUNCTION BOXES

- Corrosion resistant, high impact compression molded phenolic plastic. Provides good chemical resistance and suitable for use in damp and wet locations.
- Meets the requirements of the 2020 National Electrical Code: Articles 314.15, 314.16(A)(2), 314.17(C), and 547.5(C)(1)(2).



Round Junction Box Cover and Neoprene Gasket

12 Cubic Inch

12 Cubic Inch SPIDERBOX

16 Cubic Inch

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Standard Non-Metallic Junction Boxes with Glue-In Hub										
15248	15248	12 Cubic Inch, Two (2) 3/4" Open Hubs and Two (2) 3/4" Knockout Hubs	EA	1	BX	24	24	24	Yes	6
Standard Non-Metallic Junction Boxes										
15045	15045	12 Cubic Inch, 1/2" and 3/4" Knockout Combo	EA	1	BX	12	12	12	Yes	6
15046	15046	12 Cubic Inch, 1/2" Knockouts	EA	1	BX	12	12	12	Yes	6
15047	15047	12 Cubic Inch, 3/4" Knockouts	EA	1	BX	12	12	12	Yes	6
15070	15070	16 Cubic Inch Single-Gang FS-C Type, 1/2" Knockouts	EA	1	BX	12	12	12	Yes	6
15071	15071	16 Cubic Inch Single-Gang FS-C Type, 3/4" Knockouts	EA	1	BX	12	12	12	Yes	6
15075	15075	Single-Gang Junction Box Cover and Neoprene Gasket	EA	1	BX	12	12	12	Yes	2
SPIDERBOX Non-Metallic Junction Boxes										
15246	15246	12 Cubic Inch, 1/2" Knockouts	EA	1	BX	12	12	12	Yes	6
15247	15247	12 Cubic Inch, 3/4" Knockouts	EA	1	BX	12	12	12	No	6
Junction Box Cover										
15905	15905	Round Junction Box Cover and Neoprene Gasket	EA	1	BX	12	12	12	Yes	2
Replacement Lamp Socket										
15031	15031	Replacement Lamp Socket, Porcelain	BG	12	BG	0	0	12	Yes	1
Utility Luminaire Lamps										
15680	15680	Compact Fluorescent Lamp	EA	1	BX	50	50	1	No	1
15681	15681	LED A21 Lamp	EA	1	BX	12	12	1	No	1

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Small Space LED Luminaire

Utility Lighting

Our Motion Sensing Small Space LED Luminaire provides unparalleled performance, improved efficacy, more usable lumens per watt, and are reliable and sustainable LED lighting solutions for small areas.

These luminaires include an Occupancy Mode option which will automatically switch on when it detects motion up to 20-feet away.

BENEFITS

- ETL Listed to UL 1598 Standards.
- Meets the requirements of the 2020 National Electrical Code: Articles 410.16A(1)(3), C(1)(3)(5), 410.52, and 410.74(A)(B).
- For New or Retrofit applications.
- Suitable for installation applications in small spaces or closets.
- Energy efficient and optimized light output.
- Significant energy savings.
- Cost-effective, eliminates batteries, and saves money.
- Suitable for indoor applications only.
- Prescriptive rebates may be available from electric utilities or co-ops.
- Complies with general rebate requirements for lighting upgrades.
- Five (5) year warranty.

FEATURES

- Designed for ceiling and wall mount applications.
- When used with the motion sensor, the luminaire automatically lights when occupancy is detected; turns off after a three (3) minute vacancy.
- Operates on 120V line voltage. No separate line voltage is needed for a wall switch.
- Corrosion resistant housing.
- Small form factor.

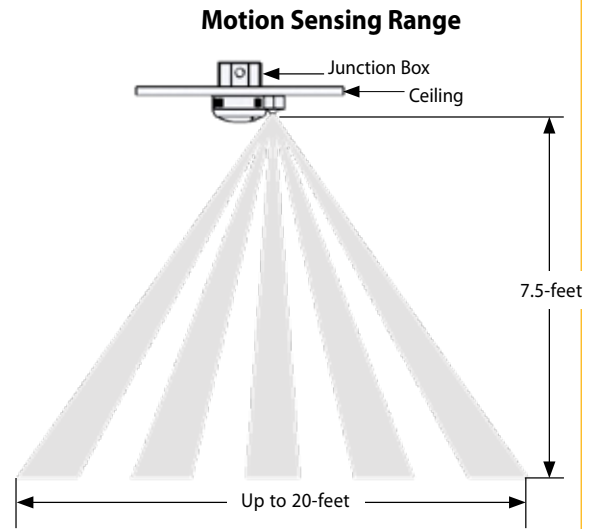
SPECIFICATIONS

- **Lumen Output:** 1,100 Lumens
- **Color Temperature:** 4000K
- **Voltage:** 120-Volts
- **Wattage:** 13.4-Watts
- **Locations:** Dry Environments Only

- **Applications:** Ceiling or Wall Mount
- **Operating Temperature:** 32°F (0°C) to 104°F (40°C)
- **Diffuser:** Snap-On, Frosted Acrylic
- **Motion Sensing Range:** 20-Feet
- **Sensor Type:** Passive Infrared Sensor (PIR)



Small Space LED Luminaire with Motion Sensor (P/N: 16550)



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
16550	16550	Small Space LED Luminaire	EA	1	BX	12	12	1	No	2

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

9-Watt LED Luminaires

Utility Lighting

- Available Keyless or with Pull Chain.
- Includes 9-Watt Bi-Pin LED Lamp and Polycarbonate Lamp Diffuser.
- Can be used with standard wall switch.
- Impact resistant construction.
- 7" wire conductors.
- Medium Base fits 3.25" or 4.0" Outlet Box.
- Meets the requirements of the 2020 National Electrical Code: Articles 410.16(A)(1)(3), 410.52, 410.74(A)(B).

SPECIFICATIONS

- **Lumen Output:** 800
- **Color Temperature:** 2700K
- **Voltage:** 120-Volts
- **Wattage:** 9-Watts
- **Locations:** Dry Environments Only
- **Operating Temperature:** 32°F (0°C) to 104°F (40°C)
- **Diffuser:** Snap-On, Frosted Acrylic



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
16531	16531	Keyless	EA	1	BX	24	24	24	Yes	11
16536	16536	Pull Chain	EA	1	BX	24	24	24	Yes	11
15676	15676	Bi-Pin LED Lamp	EA	1	BX	25	25	25	Yes	8

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Lamp Holders

Utility Lighting

- Nickel-plated E26 brass screw shell will not corrode.
- Fits 3.25" or 4.0" outlet box.
- UV resistant — will not fade or discolor.
- Optional Plastic and Metal Safety Cages fit all Lamp Holders.
- Includes corrosion resistant mounting screws.
- All Lamp Holders are UL Listed except Part Number: 16514.
- Meets the requirements of the 2020 National Electrical Code:
Part Numbers: 16500, 16502, 16510, 16512 and 16514: Articles 410.74(A)(B) and 410.122.
Part Numbers: 16520, 16524 and 16526: Articles 410.52, 410.74(A)(B) and 410.122.



16500



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Porcelain Lamp Holders										
16500	16500	Porcelain, Keyless, 4-Terminal	EA	1	BX	48	48	48	Yes	33
16502	16502	Porcelain, Pull Chain	EA	1	BX	48	48	48	Yes	35
16514	16514	Porcelain, Pull Chain, 15 AMP Receptacle	EA	1	BX	48	48	48	Yes	40
16520	16520	Porcelain, Keyless, 4-Terminal, 7" Black and White Conductors	EA	1	BX	48	48	48	Yes	33
Plastic Lamp Holders										
16510	16510	Plastic, Keyless, 4-Terminal	EA	1	BX	48	48	48	Yes	11
16512	16512	Plastic, Pull Chain	EA	1	BX	48	48	48	Yes	13
16524	16524	Plastic, Keyless, 4-Terminal, 7" Black and White Conductors	EA	1	BX	48	48	48	Yes	11
16526	16526	Plastic, Pull Chain, 7" Black and White Conductors	EA	1	BX	48	48	48	Yes	13
Accessories										
15680	15680	Compact Fluorescent Lamp	EA	1	BX	50	50	1	No	1
15681	15681	LED A21 Lamp: 15.5-Watt, 5000K, dimmable, Energy Star Rated	EA	1	BX	12	12	1	No	1
16100	16100	Safety Cage, Yellow	EA	1	BX	10	10	10	Yes	1
16501	16501	Safety Cage, Metal	EA	1	BX	12	12	12	Yes	6



16502



16510



16512



16514



16520



16524



16526



16100



16501



Lamp Holder (P/N: 16512) shown with Metal Safety Cage (P/N: 16501)

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Landscape LightPost™ and SplicePost™

Landscape Lighting

- Replaces EMT, conduit connectors, and weatherproof boxes.
- Ready to install — no assembly required.
- Shatter, corrosion, and UV resistant.
- Impervious to changing environmental conditions.
- Angled bottom allows UF Cable or Conduit to enter at different depths to eliminate cable congestion.
- Slanted top virtually eliminates water pooling or leaking into the interior of the post.
- The Uni-Stabilizer™ is made of durable polycarbonate material featuring four (4) uniquely shaped concaved stabilizing blades. This design enables ground material to be easily packed as well as provide solid in-ground support. The uni-stabilizer also helps resist against ground movement typically caused by ground freezing and thawing.
- Meets the requirements of the 2020 National Electrical Code: Article 314.15.

LANDSCAPE SPLICEPOST

- Features a Separator Disk and SpliceCap to create an integral junction box suitable for splicing.
- The PVC SpliceCap is non-metallic and suitable for the majority of outdoor luminaires on the market.
- Meets the requirements of the 2020 National Electrical Code: Articles 314.15, 314.16(A)(2), and 314.17(B).

SPECIFICATIONS

- **Outside Diameter:** 3"
- **Locations:** Damp or Wet Environments
- **Luminaire Usage:** Should always be used with a UL Listed Luminaire and a grounding means suitable for use in wet locations. Mounted Luminaire should not exceed 12 lbs. or 12" high.



Landscape LightPost
(P/N: LLPN25B)

Landscape SplicePost
(P/N: LSPB)



Landscape SplicePost Cap
(P/N: 17230)

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Landscape LightPost										
LLPN25B	12701	Landscape LightPost	EA	1	BX	9	9	9	Yes	21
E04-002-004	14025	Landscape LightPost Cap	EA	1	BX	12	12	12	Yes	1
Landscape SplicePost										
LSPB	17200	Landscape SplicePost	EA	1	BX	9	9	9	Yes	21
17230	17230	Landscape SplicePost Cap	EA	1	BX	12	12	12	Yes	1

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Illumination Control Fixture Whips

- Combines power and lighting circuits with Class 2 or Class 3 control circuits.
- Easy to install and wire, and ready to use right out of the box. Saves time and labor compared to using expensive MC cable or making a solution on the job site.
- Can be used with LED Drivers or fluorescent lamp ballast to optimize lighting for daylight harvesting, occupancy sensors, or timing controls.
- Includes two (2) 16 AWG Purple and Grey Jacketed Control Wires.
- Available in stranded or solid wire, and with die cast screw-in, die cast snap-in, or polycarbonate snap-in connectors.
- Meets the requirements of the 2020 National Electrical Code: Articles 300.3(C)(1), Section 725.136(I)(1), and 725.139(A) through (D)(1) and California Title 24 Lighting Controls, Articles 130.1(A)(B)(C)(D)(E).

WHEN IS IT NECESSARY TO USE ILLUMINATION CONTROL FIXTURE WHIPS?

- Wireless Lighting Controls use relay modules that can be attached to the outside of an electrical junction box with a nipple.
- The connection(s) of the low voltage conductors from the LED driver or fluorescent ballast is intended to go through the junction box and through the conduit nipple into the Lighting Control Module for a network light management system architecture.
- When the Electrical Contractor wants to use a single pre-fabricated Fixture Whip to control a luminaire with control features.

Fixture Whips

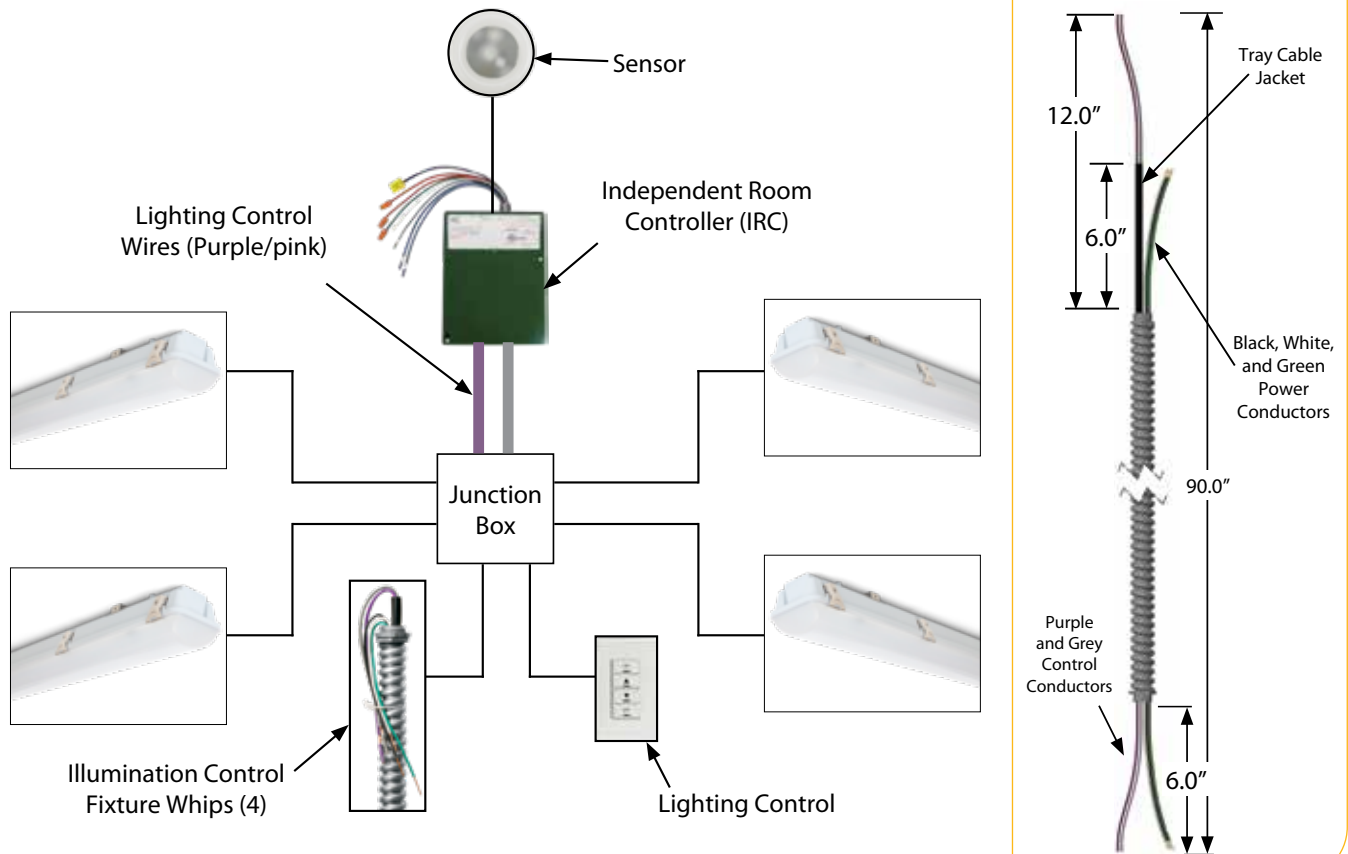


120-Volt, Die Cast Screw-In Connector

277-Volt, Die Cast Snap-In Connector



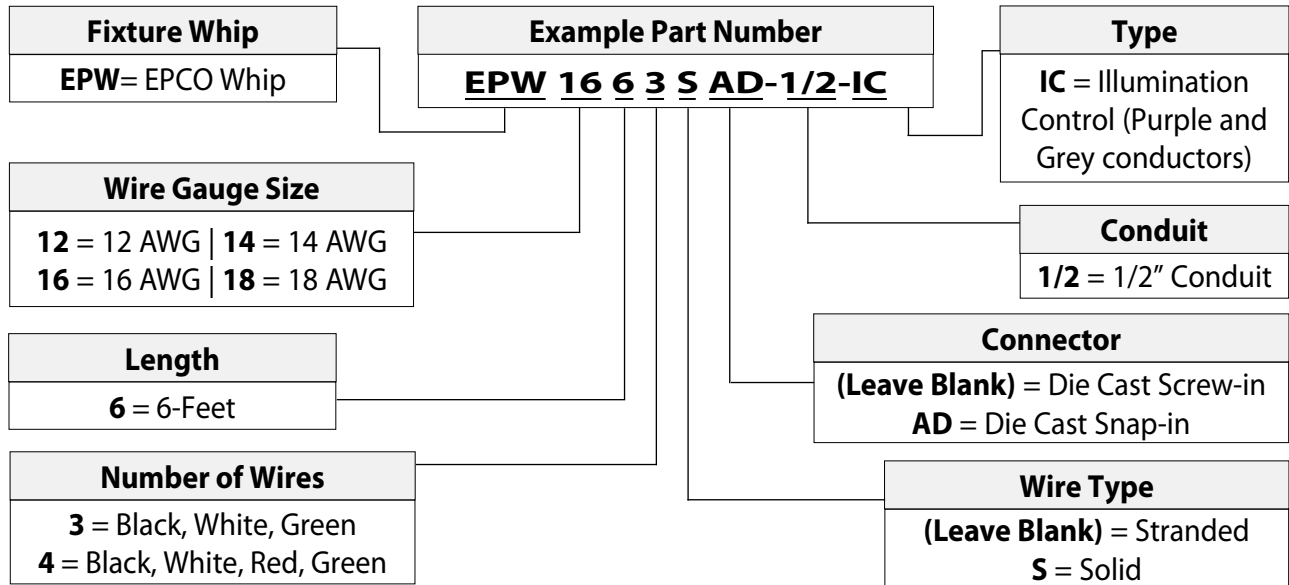
Illumination Control Fixture Whip — How Does it Work?



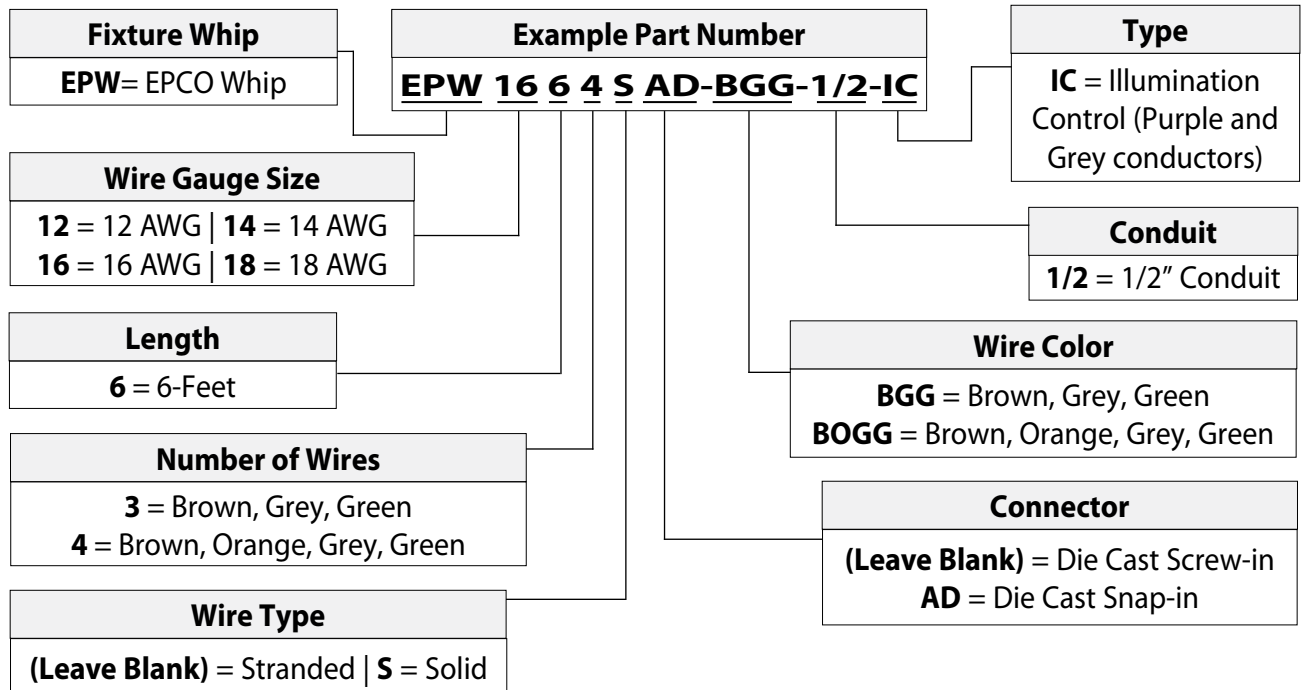
Illumination Control Fixture Whips

Fixture Whips

Illumination Control Fixture Whip — 120-Volt Ordering Example



Illumination Control Fixture Whip — 277-Volt Ordering Example



Ordering Examples shown here are for Standard Catalogued Fixture Whip Part Numbers only. For Custom Options see Page 47

Standard Fixture Whips

- Factory fabricated wiring assemblies typically used for lighting and power distribution in commercial buildings.
- A cost-effective and efficient alternative to traditional labor-intensive pipe and wire installation methods. Easy to install and wire, and ready to use right out of the box.
- Available in .375" and .5" trade sizes with conductors stripped 5/8".
- Available in stranded or solid wire, and with die cast screw-in, die cast snap-in, or polycarbonate snap-in connectors.
- Meets the requirements of the 2020 National Electrical Code: Articles 348.20(A)(2), 348.22, 410.117(A)(B)(C), and 410.137(C).

Fixture Whips



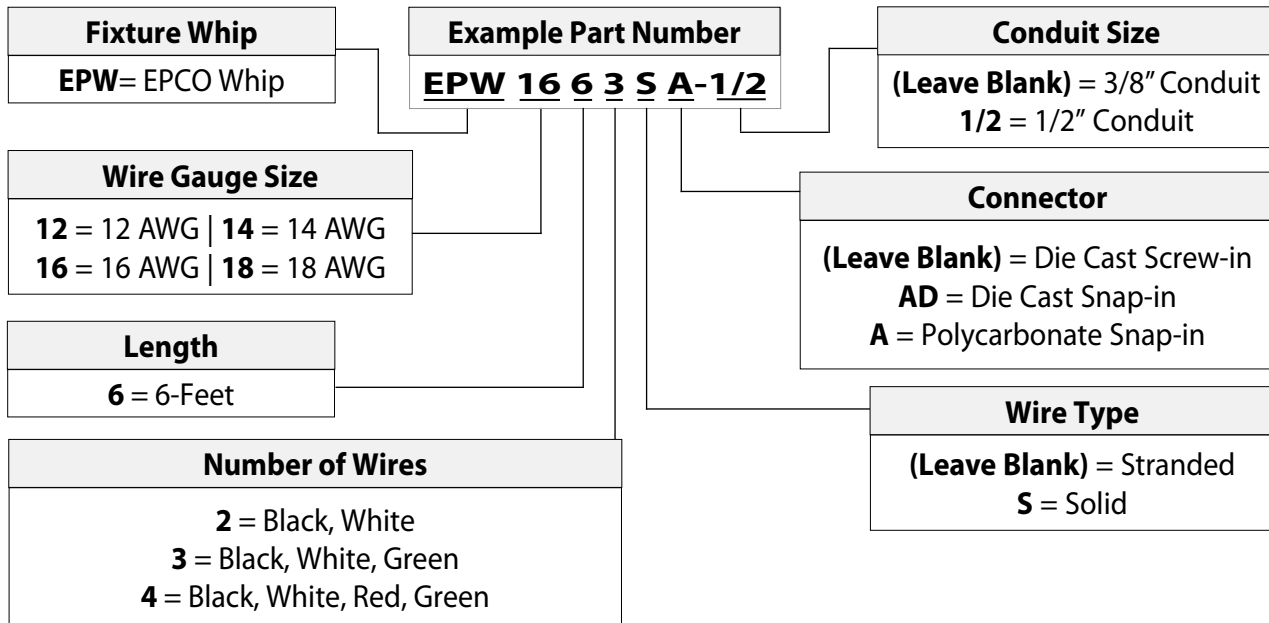
Die Cast
Screw-In
Connector

Die Cast
Snap-In
Connector

Polycarbonate
Snap-In
Connector



Standard Fixture Whip Ordering Example



**Ordering Examples shown here are for Standard Catalogued Fixture Whip Part Numbers only.
For Custom Options see Page 47**

Quikwhip™ Fixture Whips

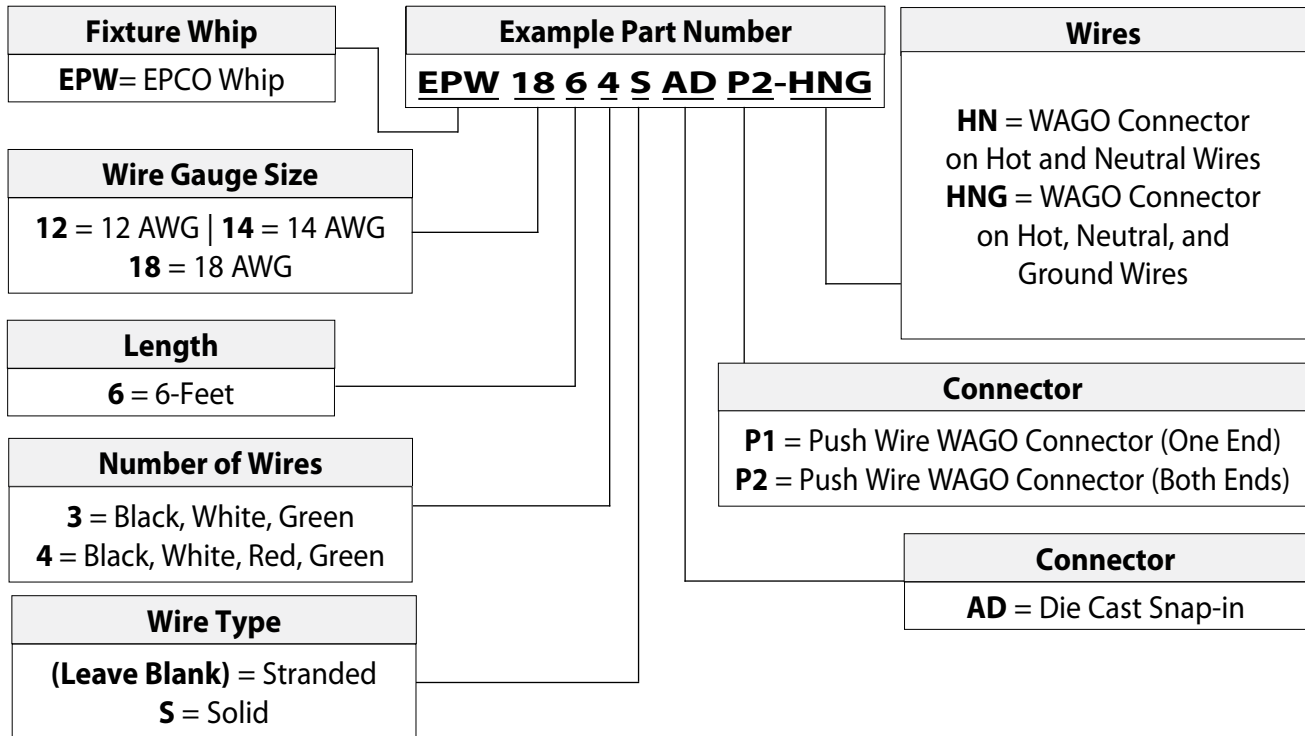
Fixture Whips

- Pre-attached WAGO® wire connectors add speed and dependability.
- No tools required! A cost-effective solution that eliminates lock nuts and wire nuts.
- Average Time Savings: 45% or up to three (3) minutes per luminaire installation.
- Available in stranded or solid wire, with die cast snap-in connectors.
- Meets the requirements of the 2020 National Electrical Code: Articles 348.20(A)(2), 410.117 (A)(B)(C), and 410.137(C).



Quikwhip with Die Cast Snap-In Connector

Quikwhip™ Ordering Example



Ordering Examples shown here are for Standard Catalogued Fixture Whip Part Numbers only. For Custom Options see Page 47

Health Care Fixture Whips

Lighting fixtures designed for use in health care facilities must provide effective illumination and satisfy a number of demanding lighting and environmental requirements. And Engineered Products Company (EPCO) Fixture Whips are the common thread among all of a Health Care Facility's lighting systems.

We offer a broad variety of Health Care Fixture Whips in multiple configurations for LED (and Fluorescent) lighting systems that provide power and can integrate easily and efficiently with digital lighting controls for dimming and switching to improve building operations for virtually all health care environments. These Whips are divided into two (2) types: Standard Power and Illumination Control and Power.

EPCO's Health Care Fixture Whips meet the requirements for National Electrical Code Article 517.13 and are the cost-effective solution that saves the contractor time and labor when compared to buying and terminating expensive MC cable or making a fixture whip solution on the job site.

Fixture Whips



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Standard Health Care Fixture Whips										
EPW1263	10315	3/8" 3-12 AWG Stranded Wire, 6-FT, Black, White, Green; Die-Cast Screw-in Connector	EA	1	BRL	100	100	10	Yes	190
EPW1263S	10337	3/8" 3-12 AWG Solid Wire, 6-FT, Black, White, Green; Die-Cast Screw-in Connector	EA	1	BRL	100	100	10	Yes	190
EPW1263-1/2	11600	1/2" 3-12 AWG Stranded Wire, 6-FT, Black, White, Green; Die-Cast Screw-in Connector	EA	1	BRL	100	100	10	Yes	186
EPW1263S-1/2	10314	1/2" 3-12 AWG Solid Wire, 6-FT, Black, White, Green; Die-Cast Screw-in Connector	EA	1	BRL	100	100	10	Yes	186
Illumination Control Health Care Fixture Whips (120-Volt)										
EPW1263-1/2-IC	84010	1/2" 3-12 AWG Stranded Wire, 6-FT, Black, White, Green; Die-Cast Screw-in Connector; 16 AWG Stranded Wire Purple and Grey Control Conductors	EA	1	BRL	100	100	10	Yes	292
EPW1263S-1/2-IC	84011	1/2" 3-12 AWG Solid Wire, 6-FT, Black, White, Green; Die-Cast Screw-in Connector; 16 AWG Stranded Wire Purple and Grey Control Conductors	EA	1	BRL	100	100	10	Yes	292
Illumination Control Health Care Fixture Whips (277-Volt)										
EPW1263-1/2-BGG-IC	84038	1/2" 3-12 AWG Stranded Wire, 6-FT, Brown, Grey, Green; Die-Cast Screw-in Connector; 16 AWG Stranded Wire Purple and Grey Control Conductors	EA	1	BRL	100	100	10	Yes	292
EPW1263S-1/2-BGG-IC	84040	1/2" 3-12 AWG Solid Wire, 6-FT, Brown, Grey, Green; Die-Cast Screw-in Connector; 16 AWG Stranded Wire Purple and Grey Control Conductors	EA	1	BRL	100	100	10	Yes	292

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Custom Fixture Whip Order Form

Fixture Whips

We will build "Labor Saving" Fixture Whips to your specifications. Please use the information below to specify your non-Catalog Custom Fixture Whip requirements.

Engineered Products Company, Attention: Inside Sales Department, FAX: 952.767.8786

If you need a quote on more than one Custom Fixture Whip, please complete a separate form for each variation.

Distributor: _____ Contact: _____

Address: _____ City: _____ State/Zip: _____

Sales Agency: _____ Contact Name: _____ Target Price (\$): _____
(required)

Wire (TFFN or THHN): Solid Stranded Wire Lead Length: 6-inch 12-inch Other (specify) _____

Wire Gauge: 12 14 16 18 Connector Type: Left End Right End (specify) _____

Select a connector type (number) for each Fixture Whip from the Connector Reference Guide shown below.

Wire Colors: Black White Red Conduit Material: 3/8-inch 1/2-inch (Flexible Metal, Steel)

Green Blue Grey *Liquid Tight Conduit: 3/8-inch 1/2-inch

Brown Purple Pink Insulated Throat: Yes No

Orange Yellow Other* (specify): _____

Conduit Length:

6-Foot 8-Foot 10-Foot 12-Foot Other* _____ *require longer lead times

Quantity Needed: _____ Requested Shipping Date: _____

Description: _____

If your application requires a Connector other than what is shown in the Reference Guide, please indicate the following:

Connector Type: _____
Manufacturer: _____
Part Number: _____

Push-in Wire Connectors: Select wire color AND choose which end requires a Push-in Wire Connector:



- | | | | | | | | | |
|-----------------------------------|------------------------------------|---------------------------------|-----------------------------------|------------------------------------|---------------------------------|-----------------------------------|------------------------------------|-------------------------------|
| <input type="checkbox"/> Left End | <input type="checkbox"/> Right End | <input type="checkbox"/> Black | <input type="checkbox"/> Left End | <input type="checkbox"/> Right End | <input type="checkbox"/> White | <input type="checkbox"/> Left End | <input type="checkbox"/> Right End | <input type="checkbox"/> Red |
| <input type="checkbox"/> Left End | <input type="checkbox"/> Right End | <input type="checkbox"/> Green | <input type="checkbox"/> Left End | <input type="checkbox"/> Right End | <input type="checkbox"/> Blue | <input type="checkbox"/> Left End | <input type="checkbox"/> Right End | <input type="checkbox"/> Grey |
| <input type="checkbox"/> Left End | <input type="checkbox"/> Right End | <input type="checkbox"/> Brown | <input type="checkbox"/> Left End | <input type="checkbox"/> Right End | <input type="checkbox"/> Purple | <input type="checkbox"/> Left End | <input type="checkbox"/> Right End | <input type="checkbox"/> Pink |
| <input type="checkbox"/> Left End | <input type="checkbox"/> Right End | <input type="checkbox"/> Orange | <input type="checkbox"/> Left End | <input type="checkbox"/> Right End | <input type="checkbox"/> Yellow | | | |

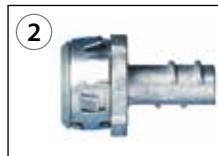
CONNECTOR REFERENCE GUIDE

Common connectors used on pre-made assembly.



Size: 3/8": P/N E00-001-002
1/2": P/N E00-026-000

Type: Screw-in
Material: Die Cast
Insulated: Yes or No (circle one)



Size: 3/8": P/N E00-003-000
1/2": P/N E00-005-000

Type: Screw-in/Snap-in
Material: Die Cast
Insulated: Yes or No (circle one)



Size: 3/8": P/N E00-003-001

Type: Set Screw, Snap-in
Material: Die Cast
Insulated: No



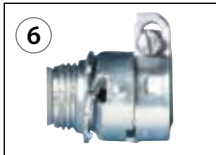
Size: 3/8": P/N E00-041-000
1/2": P/N E00-042-000

Type: Set Screw, Squeeze
Material: Die Cast
Insulated: No



Size: 3/8": P/N E00-002-000
1/2": P/N E00-013-000

Type: Exterior, Snap-in
Material: Plastic w/Steel
Insulated: Yes



Size: 3/8": P/N E00-041-002
1/2": P/N E00-042-002

Type: Set Screw, Squeeze
Material: Steel
Insulated: 3/8": No
1/2": Yes



Size: 3/8": P/N E00-054-000
1/2": P/N E00-055-000

Type: Set Screw, Squeeze
Material: Steel
Insulated: Yes



Size: 3/8": P/N E00-007-000
1/2": P/N E00-010-000

Type: Set Screw, 90°
Material: Die Cast
Insulated: Yes or No (circle one)



Size: 3/8": P/N E00-015-000
1/2": P/N E00-005-001

Type: Snap-in, 90°
Material: Die Cast
Insulated: No



Size: 3/8": P/N E00-002-002
1/2": P/N E00-005-002

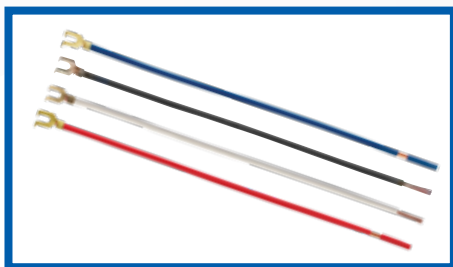
Type: Speed Lock Style,
Snap-in
Material: Steel
Insulated: Yes

GROUND BONDING

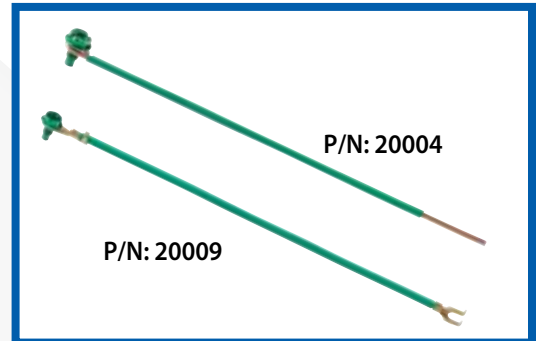
Ground Bonding PigTails™ and PowerTails® Device Wiring Conductors/ Page 50

We introduced the Stranded Grounding PigTail over 40 years ago. Today, we have sold millions of Ground Bonding PigTails. Our manufacturing expertise, quality, reliability, and expedited delivery time have always met customer expectations.

Our Ground Bonding products provide a permanent and positive connection for the grounding system to ensure



an effective, low-impedance ground-fault current path to safeguard people and property from electrical hazards.



No other company manufactures more configurations of PigTails than we do. Our solid and stranded wire, single and dual-gang Ground Bonding PigTails are available in 6.5", 8", 10", and 12" lengths and include a grounding screw, and a

machine-made, insulated crimped Ring or Flanged Spade Fork Terminal.

Ground Screws and Ground Clips / Page 54

EPCO Ground Screws are used in our Ground Bonding PigTails and are available as a Hex Head Screw for pre-tapped metal boxes and a Cutting Point Screw when holes have not been pre-tapped.

Our Ground Clips are an excellent time and labor saving alternative to Ground Screws and are specifically designed for termination of the grounding conductor and should be used when a 10-32 hole is not pre-drilled or tapped into a metallic junction box.



Ground Bonding Jumper Kits / Page 55

Our Pre-Fabricated Ground Bonding Jumper Kits are one of the most critical elements in a safety grounded system to provide a positive and effective connection to ensure a low-impedance ground-fault current path to safeguard personnel and property from electrical shock hazards. EPCO Ground Bonding Jumpers ensure the equipment ground is at the same potential as the earth.

For Complete Technical Information, visit engproducts.com

GROUND BONDING

Why Contractors use EPCO Ground Bonding PigTails

We introduced the Stranded Grounding PigTail over 45 years ago. Today, we have sold millions of Ground Bonding PigTails. Our manufacturing expertise, product quality, reliability, and expedited delivery times always meet customer expectations.

Our Ground Bonding products provide a permanent and secure positive connection for the grounding system to ensure an effective, low-impedance ground-fault current path to safeguard people and property from electrical hazards.

No other company manufactures more combinations of PigTails and PowerTails Device Wiring Conductors than EPCO does. Our solid and stranded wire, Single and Dual-gang Ground Bonding PigTails are available in 6.5", 8", 10", and 12" lengths and include a grounding screw, and an insulated crimped Ring or Flanged Spade Fork Terminal.

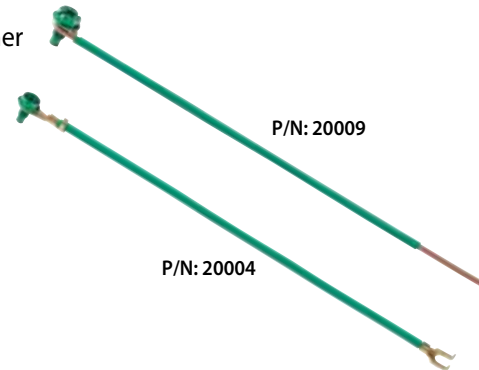
CONTRACTOR ADVANTAGES

- UL Listed from the Factory.
- Installation speed and reliability!
- Cost-effective and efficient.
- Quickly connect receptacles, switches or other devices.
- The perfect products for pre-fabrication work in the shop or on the job site.
- A variety of configurations and lengths that meet a broad range of applications.
- Ground Bonding PigTails and PowerTail products are available in reusable tubes.
- 12 AWG is the standard wire size. 14 AWG Ground Bonding PigTails are available.
- Solid Wire Ground Bonding PigTails: THHN Building Wire.
- Stranded Wire Ground Bonding PigTails: THHN Building Wire (19 or 65 strand).
- Ground Bonding PigTails in bulk quantities of 1,000 are available. Contact our Inside Sales Department (*800.336.1976 or sales@engproducts.com*) for more information.

Ground Bonding PigTails™ (12 AWG)

Ground Bonding PigTails

- Labor and Time Savings!
- Feature a captive GSH or GSC Green Ground Screw on one end, the other end is pre-stripped 5/8" or 1".
- Available in 10, 12, or 14 AWG Insulated Solid or Stranded Wire.
- Available in 6.5", 8", 10" and 12" lengths.
- Meets the requirements of the 2020 National Electrical Code: Articles 110.14(A) and (B) and 250.8(A).



Contractor Preferred Part Numbers are noted in Blue

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Bulk Ship Wt (Lbs)
Stranded Wire with No Ground Screw										
20008	20008	8", One (1) Flanged Spade Terminal, Stripped 5/8"	PKG	50	PKG	10	500	50	Yes	13
10008	10008	8", One (1) Flanged Spade Terminal, Stripped 5/8" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	26
Stranded Wire with GSH Ground Screw										
20004	20004	8", One (1) Flanged Spade Terminal	PKG	50	PKG	10	500	50	Yes	13
10004	10004	8", One (1) Flanged Spade Terminal (BULK)	PKG	1000	BN	1000	1000	1000	Yes	26
20019	20019	10", One (1) Flanged Spade Terminal	PKG	50	PKG	10	500	50	Yes	15
20025	20025	12", One (1) Flanged Spade Terminal	PKG	50	PKG	10	500	50	Yes	17
20029	20029	8", Ring Terminal, Stripped 5/8"	PKG	50	PKG	10	500	50	Yes	12
Stranded Wire with GSC Ground Screw										
20020	20020	10", Ring Terminal, One (1) Flanged Spade Terminal	PKG	50	PKG	10	500	50	Yes	15
20026	20026	12", Ring Terminal, One (1) Flanged Spade Terminal	PKG	50	PKG	10	500	50	Yes	17
20035	20035	10", Ring Terminal, Stripped 5/8"	PKG	50	PKG	10	500	50	Yes	14
20036	20036	8", Ring Terminal, Stripped 5/8"	PKG	50	PKG	10	500	50	Yes	12
20041	20041	8", Ring Terminal, One (1) Flanged Spade Terminal	PKG	50	PKG	10	500	50	Yes	13
10041	10041	8", Ring Terminal, One (1) Flanged Spade Terminal (BULK)	PKG	1000	BN	1000	1000	1000	Yes	26
Solid Wire with GSC Ground Screw										
20016	20016	6.5", Stripped 1"	PKG	50	PKG	10	500	50	Yes	9
10016	10016	6.5", Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20086	20086	8", Stripped 1"	PKG	50	PKG	10	500	50	Yes	11
20088	20088	10", Stripped 1"	PKG	50	PKG	10	500	50	Yes	13
Solid Wire with GSH Ground Screw										
20009	20009	6.5", Stripped 1"	PKG	50	PKG	10	500	50	Yes	9
10009	10009	6.5", Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20011	20011	8", Stripped 1"	PKG	50	PKG	10	500	50	Yes	11
10011	10011	8", Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	22
20087	20087	10", Stripped 1"	PKG	50	PKG	10	500	50	Yes	13

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Ground Bonding PigTails™ (14 AWG)

Ground Bonding PigTails

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Bulk Ship Wt (Lbs)
Stranded Wire with GSH Ground Screw										
20003	20003	8" (14 AWG), One (1) Flanged Spade Terminal	PKG	50	PKG	10	500	50	Yes	16
10003	10003	8" (14 AWG), One (1) Flanged Spade Terminal (BULK)	PKG	1000	BN	1000	1000	1000	Yes	32
Solid Wire with GSH Ground Screw										
20010	20010	6.5" (14 AWG), Stripped 1"	PKG	50	PKG	10	500	50	Yes	7
10010	10010	6.5" (14 AWG), Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	14

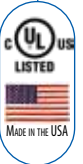
Single and Dual-Gang PigTails™ (12 AWG)

Ground Bonding PigTails

- Labor and Time Savings!
- Matched Flanged Spade and Ring Terminals ensure a safe, reliable ground connection.
- 12 AWG only.
- Meets the requirements of the 2020 National Electrical Code: Articles 110.14(A) and (B) and 250.8(A).



8" Solid Wire Dual-Gang PigTail
















Contractor Preferred Part Numbers are noted in Blue

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Bulk Ship Wt (Lbs)
Single-Gang PigTails with GSH Ground Screw										
20067	20067	One (1) 8" Solid Wire Incoming Lead, Stripped 1"; One (1) 8" Stranded Wire Conductor with Flanged Spade Terminal	PKG	20	PKG	10	200	20	Yes	9
20068	20068	One (1) 8" Stranded Wire Incoming Lead, Stripped 5/8"; One (1) 8" Stranded Wire Conductor with Flanged Spade Terminal	PKG	20	PKG	10	200	20	Yes	9
Dual-Gang PigTails with GSH Ground Screw										
20070	20070	Two (2) 8" Stranded Wire Conductors, each with Flanged Spade Terminal	PKG	20	PKG	10	200	20	Yes	10
20074	20074	One (1) 8" Solid Wire Incoming Lead, Stripped 1"; Two (2) 8" Stranded Wire Conductors, each with Flanged Spade Terminal	PKG	20	PKG	10	200	20	Yes	11
20075	20075	One (1) 8" Stranded Wire Incoming Lead, Stripped 5/8"; Two (2) Stranded Wire Conductors, each with Flanged Spade Terminal	PKG	20	PKG	10	200	20	Yes	13

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Reference Guide

Ground Bonding PigTails

PigTail Reference Guide (12 AWG except where noted)	
Solid Wire with captive GSH Ground Screw, stripped 1" 20009: 6.5" 10009: 6.5" (BULK) 20010: 6.5" (14 AWG) 10010: 6.5" (14 AWG) (BULK) 20011: 8" 10011: 8" (BULK) 20630: 6.5" (10 AWG) 10630: 6.5" (10 AWG) (BULK) 20631: 8" (10) (AWG) 10631: 8" (10 AWG) (BULK) 20087: 10"	
Solid Wire with captive GSC Ground Screw, stripped 1" 20016: 6.5" 10016: 6.5" (BULK) 20086: 8" 20088: 10"	
Stranded Wire with one (1) Flanged Spade Terminal, stripped 5/8" 20016: 6.5" 10016: 6.5" (BULK) 20086: 8" 20088: 10"	
Stranded Wire with one (1) Flanged Spade Terminal and captive GSH Ground Screw 20003: 8" (14 AWG) 10003: 8" (14 AWG) (BULK) 20004: 8" 10004: 8" (BULK) 20019: 10" 20025: 12"	
Stranded Wire with captive GSH Ground Screw, stripped 5/8" 20029: 8"	
Stranded Wire with one (1) Flanged Spade Terminal and captive GSC Ground Screw 20041: 8" 10041: 8" (BULK) 20020: 10" 20026: 12"	
Stranded Wire with captive GSC Ground Screw, stripped 5/8" 20036: 8" 20035: 10"	
Solid Wire Single-Gang 20067: 8"	
Stranded Wire Single-Gang 20068: 8"	
Stranded Wire Dual-Gang 20070: 8"	
Solid Wire Dual-Gang 20074: 8"	
Stranded Wire Dual-Gang 20075: 8"	
Ground Screws GSH: Slotted, #2 Phillips, Hex Head, #2 Robertson with Tapered Die Point GSC: Slotted, #2 Phillips, Hex Head with Cutting Point	 <p>GSH Ground Screw GSC Ground Screw</p>

Single- and Dual-Gang Application Examples **Ground Bonding PigTails**

Single-Gang Solid Wire: P/N 20067

The ground screw is screwed into and bonds the metal junction box. The single stranded wire grounding conductor with the flanged spade terminal from this same PigTail grounds the receptacle. The solid wire grounding conductor on the PigTail will ground the receptacle. The solid wire grounding conductor on the PigTail connects to the MC Cable and bonds back to the service panel.



Single-Gang Stranded Wire: P/N 20068

The ground screw is screwed into and "grounds" the metal junction box. The single stranded wire grounding conductor with the flanged spade terminal from this PigTail grounds the receptacle. The stranded wire grounding conductor on the PigTail connects (by wire nut) the incoming ground conductor in the MC Cable and bonds back to the service panel.

Dual-Gang Stranded Wire: P/N 20070

The ground screw is screwed into the 10/32 tapped grounding hole opening in the metal junction box, bonding the junction box to the conduit system and grounded back to the service panel. The two (2) stranded wire ground PigTails with the flanged spade terminals would then connect to the grounding screw of the receptacles or switches to be wired.



Dual-Gang Solid Wire: P/N 20074

The ground screw is screwed into and bonds the metal junction box. The two (2) stranded wire grounding conductors with the flanged spade terminals from this PigTail grounds each receptacle. The solid wire conductor on the PigTail connects by wire nut to the incoming ground conductor in the conduit and bonds back to the service panel.

Dual-Gang Stranded Wire: P/N 20075

The ground screw is screwed into and "grounds" the metal junction box and is bonded back to the service-grounded panel. Two (2) stranded wire grounding conductors with flanged spade terminals from this PigTail ground each receptacle. The stranded wire grounding conductor on the PigTail connects by wire nut to the ground conductor from the incoming cable.



Ground Screws and Ground Clips

Ground Bonding

GROUND SCREWS

- **Hex Head Screw:** Combination slotted, Phillips and square drive tapered point screw used to simplify wiring installations when pre-tapped holes exist in metal boxes.
- **Cutting Point Screw:** Combination hex head, slotted, Phillips and square drive screw for use in metal boxes when holes have not been pre-tapped.
- Meets the requirements of the 2020 National Electrical Code: Article 250.8.



Ground Clip

GROUNDING CLIPS

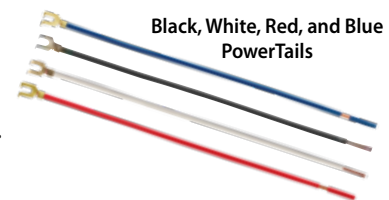
- Labor saving alternative to using Ground Screws. Specifically designed for termination of the grounding conductor and should be used when a 10-32 hole is not pre-drilled or tapped into a metallic junction box.

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Bulk Ship Wt (Lbs)
Ground Screws										
GSH	10051	Slotted, #2 Phillips, Hex Head, #2 Robertson with Tapered Die Point	PKG	100	PKG	10	1000	100	Yes	1
20051	20051	Slotted, #2 Phillips, Hex Head, #2 Robertson with Tapered Die Point (BULK)	C	1000	BN	1000	1000	1000	Yes	10
GSC	10053	Slotted, #2 Phillips, Hex Head with Cutting Point	PKG	100	PKG	10	1000	100	Yes	1
20053	20053	Slotted, #2 Phillips, Hex Head with Cutting Point (BULK)	C	1000	BN	1000	1000	1000	Yes	10
Ground Clips										
GC	10052	Ground Clip: For 14-12 AWG Solid Wire	PKG	100	PKG	10	1000	100	Yes	1
20052	20052	Ground Clip: For 14-12 AWG Solid Wire (BULK)	C	1000	BN	1000	1000	1000	Yes	10

PowerTails® Device Wiring Conductors (12 AWG)

PowerTails

- Labor and Time Savings! Provides installation speed and a reliable connection when bringing power to multiple devices. Perfect for pre-wiring devices in the contractor's shop or on the job site.
- Manufactured using 12 AWG stranded wire to easily push into the junction box.
- 8" leads feature a factory crimped Flanged Spade Terminal that slips under the terminal screw on the device.
- Meets the requirements of the 2020 National Electrical Code: Articles 110.14(A) and (B).



Black, White, Red, and Blue PowerTails



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Bulk Ship Wt (Lbs)
Stranded Wire PowerTails Device Wiring Conductors										
20061	20061	8", Red, Stripped 5/8", One (1) Flanged Spade Terminal	PKG	50	PKG	10	500	50	Yes	9
10061	10061	8", Red, Stripped 5/8", One (1) Flanged Spade Terminal (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20062	20062	8", White, Stripped 5/8", One (1) Flanged Spade Terminal	PKG	50	PKG	10	500	50	Yes	9
10062	10062	8", White, Stripped 5/8", One (1) Flanged Spade Terminal (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20065	20065	8", Black, Stripped 5/8", One (1) Flanged Spade Terminal	PKG	50	PKG	10	500	50	Yes	9
10065	10065	8", Black, Stripped 5/8", One (1) Flanged Spade Terminal (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20077	20077	8", Blue, Stripped 5/8", One (1) Flanged Spade Terminal	PKG	50	PKG	10	500	50	Yes	9
10077	10077	8", Blue, Stripped 5/8", One (1) Flanged Spade Terminal (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Ground Bonding Jumper Kits

Ground Bonding

For circuits operating between 50 and 55 amps, Ground Bonding Jumper Kits provide a means to carry electric currents to ground under normal fault conditions without exceeding any operating and equipment limits, or adversely affecting continuity of the electrical service. This ensures any person in the immediate area is not exposed to any danger of electrical shock.

TYPICAL APPLICATIONS

- Ensure stable grounding conditions for protective relays
- Provide a low-impedance path to ground, to maintain the system neutral at or near ground potential.
- Provide a source of ground fault current during line-to-ground faults.
- Improve the reliability of electronic process controls, computer systems, and communication circuits by making low-resistance ground connections accessible.
- Protect personnel from injury and property from damage by managing high-voltage surges
- Manage discharge currents from lighting arresters, spark gaps, and similar devices
- Limit the magnitude of transient over-voltages when restriking ground faults occur.

BENEFITS AND FEATURES

- The critical link between the grounded service conductor and the equipment ground conductor.
- Labor Savings! Pre-crimped and ready to use right out of the box.
- Manufactured with corrosion-resistant, 6 AWG Stranded Copper Wire.
- Ground Screws included in individually labeled polybags.
- Includes one 5cc Tube of Oxide Inhibiting Compound Grease.
- Ground Lugs standard with two (2) .25" Holes and .625" Hole Spacing.
- Meets the requirements of the 2020 National Electrical Code: Articles 250.24(B), 250.28(A).



72" Ground Bonding Jumper Kit
(P/N: EGBP-06-72-00-S)



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Bulk Ship Wt (Lbs)
EGBP-06-12-00-00	10810	12" Jumper Kit, Two (2) Straight Lugs	EA	1	BG	5	5	1	No	5
EGBP-06-24-00-00	10811	24" Jumper Kit, Two (2) Straight Lugs	EA	1	BG	5	5	1	No	5
EGBP-06-36-00-00	10812	36" Jumper Kit, Two (2) Straight Lugs	EA	1	BG	5	5	1	No	5
EGBP-06-72-00-S	10813	72" Jumper Kit, One (1) Straight Lug, 1" Captive Strip on Opposite End	EA	1	BG	5	5	1	No	6
EGBP-06-120-00-S	10814	120" Jumper Kit, One (1) Straight Lug, 1" Captive Strip on Opposite End	EA	1	BG	5	5	1	No	7

UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

SPLICE KITS/HEAT SHRINK

Splice Kits / Page 57

When an underground electrical cable is accidentally cut or severely damaged, the simplest and fastest way to make a repair is to use an EPCO Splice Kit.

EPCO's Splice Kits and Heat Shrink Tubing are designed to provide reliable, sustainable performance and a water-resistant connection for electrical splices, connections, and terminations as well as mechanical and environmental protection.

Our Splice Kits are specifically intended for direct burial applications and provide a permanent, water-resistant seal for the repair of copper or aluminum conductors. In addition, EPCO Splice Kits are designed to eliminate internal deterioration of the actual splice and other problems that can cause an open circuit and ultimately lead to cable failure.

Five (5) Splice Kit configurations are available and can repair virtually 90% of job site repairs an electrical contractor will encounter. Every EPCO Splice Kit includes a rustproof single (discrete) brass or aluminum connector. For "line splicing" cables having multiple conductors, a multi-port cylindrical brass connector is included.

Installation is very simple and straightforward. After removing the damaged cable, a section of Heat Shrink Tubing is heated over the mechanical "spliced" connector, subsequently making a water-resistant seal to protect the splice from dirt and moisture.



Heat Shrink Tubing / Page 60



Our Thick Wall Heat Shrink Tubing for direct burial applications is made from cross-linked polyolefin. This tough, versatile tubing can be used for insulation, harnessing, strain relief, and identification purposes for residential, commercial and industrial applications.

Heat Shrink Tubing is designed and tested to meet the most demanding requirements of IEEE, UL, CSA and ANSI as well as many other international standards for performance and long-term reliability.

For Complete Technical Information, visit engproducts.com

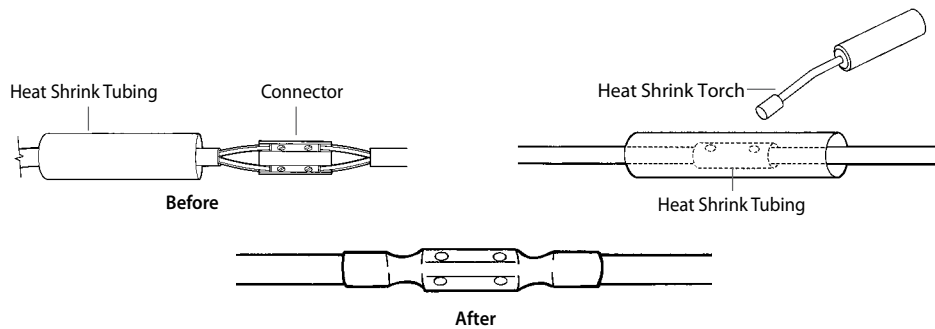
UF Cable Splice Kit

- UL Listed for direct burial. File Number: E123896.
- Labor Savings! Obsoletes messy, two part Splice Kits.
- Accommodates UF Cables sizes: 14/3 without ground minimum, 8/3 without ground maximum.
- 600 Volts maximum, 221°F (105°C) temperature rating.
- Meets the requirements of the 2020 National Electrical Code: Articles 110.14(B), 300.5(E) and 300.50(D).



The UF Cable Splice Kit includes one (1) 4-position mechanical connector and one (1) piece of heat shrink tubing to splice and insulate 14 AWG to 8 AWG UF Cable.

By using Thick Wall Heat Shrink Tubing with sealant and the mechanical connector, the repair of UF Cable is a quick, easy and reliable process. No epoxies, tape or separate mastics are required.



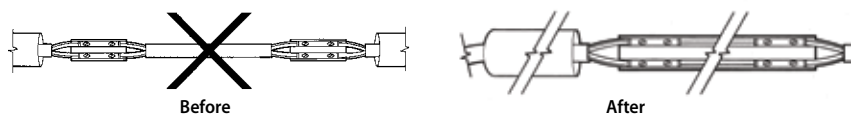
Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
UFC2B	10711	Accommodates Cable Sizes 14/3 to 8/3 Maximum	EA	1	BG	24	24	1	No	2

UF Stretcher Kit

- UL Listed for direct burial. File Number: E123896.
- Labor Savings! Includes one 11.5" mechanical connector that eliminates the need to use two (2) UF Cable Splice Kits (P/N: UFC2B) and a short piece of cable when repairing a longer section of damaged UF Cable.
- 600 Volts maximum, 221°F (105°C) temperature rating.
- Meets the requirements of the 2020 National Electrical Code: Articles 110.14(B), 300.5(E) and 300.50(D).



Simplify UF Cable repairs after a trencher or backhoe has damaged or destroyed a 7" to 10" section of UF Cable. Utilize our Thick Wall Heat Shrink Tubing with sealant to make a quick and reliable repair. Eliminates epoxies, tapes or separate mastics and creates a waterproof splice. The kit includes one (1) 4-position 11.5" connector and one (1) piece of heat shrink tubing. Designed to splice and insulate 14 AWG to 8 AWG UF Cable.



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
UFS2	10714	Accommodates Cable Sizes 14/3 to 8/3 Maximum	EA	1	BG	24	24	1	No	3

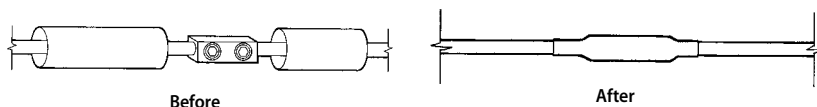
UNITS OF MEASURE KEY Order Unit: The Unit to be ordered; Unit Qty: Number of pieces in each Unit; Unit Pkg: Unit Packages contained in the case - Packaging types - BG (Bag), BRL (Barrel), BX (Box), BN (Bulk), PKG (Package), EA (Each), RL (Roll), LB (Pound), C (Hundred), M (Thousand); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

Dual Rated Butt Splice Kits

- Although crimping is the most commonly used method of wire splicing and termination, our Dual-Rated Butt Splice Kits eliminate expensive crimping tools when splicing aluminum or copper conductors for direct burial.
- UL Listed components.
- 600 Volts maximum, 221°F (105°C) temperature rating.
- For use with aluminum and copper conductors.
- Meets the requirements of the 2020 National Electrical Code: Articles 110.14(B), 300.5(E) and 300.50(D).



The kits include a pair of thick wall heat shrink tubing (2 pieces) and one (1) mechanical connector. Popular splicing applications include repair and/or extending type USE Cable.



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
DRBSK	11499	Includes one (1) Dual Rated Connector - 2 AWG to 14 AWG; Two (2) Heat Shrink Tubes - 6 AWG to 2 AWG	EA	1	BG	24	24	1	No	3
DRBSK1	11500	Includes one (1) Dual Rated Connector - 14 AWG to 1/0 AWG; Two (2) Heat Shrink Tubes - 1 AWG to 3/0 AWG	EA	1	BG	24	24	1	No	3
DRBSK3	11501	Includes one (1) Dual Rated Connector - 250 MCM to 6 AWG; Two (2) Heat Shrink Tubes - 2/0 AWG to 350 MCM	EA	1	BG	24	24	1	No	3

Heat Shrink Torch

- Recommended for shrinking Heat Shrink Tubing and for use with all our Splice Kits. The trigger-start ignition starts fast and easy. Features a fully adjustable regulator valve and air inlet port for adjustable flame settings.
- Connects directly to a standard 14.1 oz. propane tank (not included).



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
HST-T1	12200	Heat Shrink Torch	EA	1	BX	20	20	1	No	2

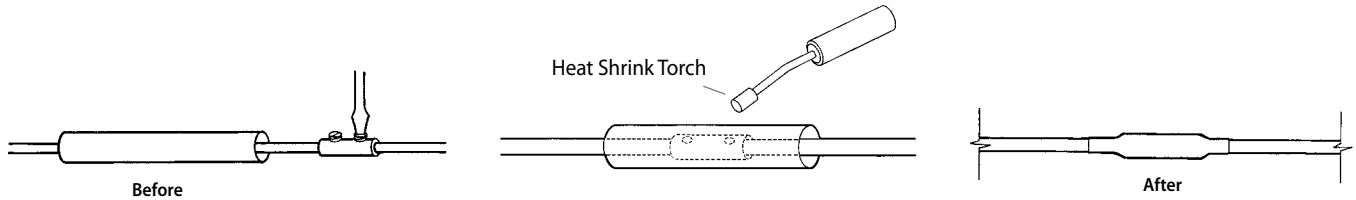
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Copper Butt Splice Kits

- UL Listed. File Number: E103228.
- Labor Savings! Designed to simplify splicing discreet copper conductors.
- Sizes: 14 AWG to 2 AWG.
- BSK series is rated for 600 Volts maximum, 221°F (105°C) temperature rating.
- Meets the requirements of the 2020 National Electrical Code: Articles 110.14(B), 300.5(E) and 300.50(D).



BSK Splice Kits include a mechanical copper butt splice connector and an 8" piece of thick wall heat shrink tubing to create a fully insulated butt splice.



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
BSK1	10705	Includes One (1) Butt Splice Connector - 8 AWG to 14 AWG; One (1) Heat Shrink Tube - 14 AWG to 10 AWG	EA	1	BG	24	24	1	No	2
BSK2	10706	Includes Three (3) Butt Splice Connectors - 8 AWG to 14 AWG; Three (3) Heat Shrink Tubes - 14 AWG to 10 AWG	EA	1	BG	24	24	1	No	2
BSK3	10708	Includes One (1) Butt Splice Connector - 2 AWG to 8 AWG; One (1) Heat Shrink Tube - 6 AWG to 2 AWG	EA	1	BG	24	24	1	No	2
BSK4	10709	Includes Three (3) Butt Splice Connectors - 2 AWG to 8 AWG; Three (3) Heat Shrink Tubes - 6 AWG to 2 AWG	EA	1	BG	24	24	1	No	2

SPLICE KITS AWG CHART

Copper Butt Splice Kits	AWG		Dual Rated Butt Splice Kits	Logical AWG Number	AWG (and "Aught" */0 Equivalent)	MCM or kcmil
BSK1 BSK2	14		DRBSK	8	8	17
	13			7	7	21
	12			6	6	26
	11			5	5	33
	10			4	4	42
	9			2	2	66
	8	8		DRBSK1	1	1
7		0	1/0		106	
6		DRBSK3	-1		2/0	133
5			-2	3/0	168	
4			-3	4/0	212	
3			-3.7	4.7/0	250	
2						

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Heat Shrink Tubing

- Our Heat Shrink Tubing (HST) internal coating includes a adhesive and sealant; when the HST is heated, it provides a water-resistant seal to protect the mechanical splice from dirt and moisture. The standard color is black.
- Installs and shrinks easily for labor savings. Most effective when insulating over large transitions.
- 3:1 Shrink ratio accommodates larger cable size ranges.
- Excellent abrasion, corrosion and environmental resistance properties.
- UV and fungi resistant to protect the HST from surface fungus growth and obscure cable identification.
- Heat Shrink Tubing can be purchased in bulk. Available in pre-cut lengths from 4" to 48" lengths and quoted per inch. Custom pre-cut lengths are also available.
- Meets the requirements of the 2020 National Electrical Code: Articles 110.14(B), 300.5(E), and 300.50(D).



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
HST1410	10170	Conductor Size - 14 AWG to 10 AWG, Shrink Range - .36" to 1.2"; Includes six (6) 8" pieces per package	EA	6	BG	12	72	6	Yes	5
HST84	10171	Conductor Size - 6 AWG to 2 AWG, Shrink Range - .75" to .24"; Includes six (6) 8" pieces per package	EA	6	BG	12	72	6	Yes	7
HST23/0	10172	Conductor Size - 1/0 AWG to 3/0 AWG, Shrink Range - 1.10" to .35"; Includes six (6) 8" pieces per package	EA	6	BG	12	72	6	Yes	9
HST2/0300	10173	Conductor Size - 2/0 AWG to 350 MCM, Shrink Range - 1.50" to .47"; Includes four (4) 8" pieces per package	EA	4	BG	12	48	4	Yes	10
HST300650	10174	Conductor Size - 250 MCM to 500 MCM, Shrink Range - 2.0" to .63"; Includes three (3) 12" pieces per package	EA	3	BG	12	36	3	Yes	13

Bulk Heat Shrink Tubing Part Number Configurator

Example Part Number

E00-902-006

Conductor Size

901 = 1 AWG / 3/0 AWG
902 = 14 AWG / 10 AWG
903 = 6 AWG / 2 AWG
904 = 2/0 AWG / 350 MCM
905 = 250 MCM / 500 MCM

Length

006 = 6 inches | **008** = 8 inches
009 = 9 inches | **010** = 10 inches
012 = 12 inches | **024** = 24 inches
030 = 30 inches | **048** = 48 inches

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HEAT SHRINK TUBING DIMENSIONS

Part Number	Expanded		Recovered				Application Range for General Use		600/1000 V Single Conductor Size
	Internal Diameter (MIN) D		Internal Diameter (MAX) d		Wall Thickness (NOM) W				
	Inches	MM	Inches	MM	Inches	MM	Inches	MM	AWG/MCM
HST1410	0.35	8.9	0.12	3.0	0.07	1.8	.15-.3	3.5-8	#14-#10
HST84	0.75	19.1	0.24	6.1	0.12	3.0	.25-.65	6.5-16.5	#6-#2
HST23/0	1.10	27.9	0.35	8.9	0.12	3.0	.4-.95	10/24	#1-3/0
HST2/0300	1.50	38.1	0.47	11.9	0.14	3.6	.5-1.4	13-35	2/0-350
HST300650	2.0	50.8	0.63	16	0.14	3.6	.70-1.75	17.5-44	250-500

HEAT SHRINK TUBING SPECIFICATIONS

Physical		Electrical		Chemical		Adhesive	
Tensile Strength	2100 psi (14.5 MPa)	Dielectric Strength	500V/Mil (20kV/mm)	Fluid Resistance	Good to Excellent	Adhesive Softening Point	197°F (92°C) +/- 41°F (5°C)
Specific Gravity	1.1	Volume Resistivity	10 ¹⁶ ohm-cm	Copper Corrosion	No Corrosion	Adhesive Lap Shear	125 psi (0.875 MPa)
Heat Shock (4 hrs at 437°F (225°C))	No cracking or flowing	Dielectric Voltage Withstand (2500 V, 60 Hz, 1 min)	No breakdown, 24kV-1 min, 15kV-4 hrs	Water Absorption	0.1%	Adhesive Blocking (86°F (30°C))	No blocking
Low Temperature Flexibility (4 hrs at -67°F (-55°C))	No cracking			Fungus Resistance	No Growth	Water Penetration	No penetration after 236 hrs (min) of continuous immersion

Air Conditioner and Power Equipment Whips

Whips

EPCO's Pre-Fabricated Air Conditioner Whips and Power Equipment Whips are ideal for use with electrical equipment where flexibility and protection from liquids, vapors, or solid materials is required for operations in moist or wet environments.

Air Conditioner Whips (10 and 8 AWG Conductors)

- Contractor labor savings solution eliminates traditional pipe and wire installation methods.
- Available in 4- or 6-foot lengths.
- 0.5" or 0.75" Non-Metallic PVC Liquid Tight Conduit

Power Equipment Whips (12 AWG Conductors)

- Cost-effective and labor savings installation to ancillary power equipment.
- Suitable for direct burial or encasement in concrete applications.
- Available in 4- or 6-foot lengths.
- 0.5" Non-Metallic PVC Liquid Tight Conduit.

Commonalities

- Ready for immediate installation.
- Captive pre-stripped 5/8" conductor ends simplify installation; provides a secure electrical connection to the equipment load.
- High quality non-metallic liquid tight conduit offers substantial protection to the wire conductor(s) from corrosion, water infiltration, dust, vibration, bending and crushing.
- Provides superior protection in hazardous locations and hostile environments including sunlight, heat, oil, and chemical degradation.
- Includes one (1) Straight Connector, one (1) Right Angle Connector, and reducing washers.
- Pre-assembled in our manufacturing facility using UL Listed or UL Recognized components.
- Permitted for use by virtually all local building codes and approved by electrical inspectors in the majority of municipalities across the U.S.



Power Equipment Whip



Air Conditioner Whip



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Power Equipment Whips										
PEWNM1263-1RA	10680	6-FT, 0.5", Three (3) 12 AWG, Red, Black, Green	EA	1	BX	20	20	1	No	34
PEWNM1243-1RA	10681	4-FT, 0.5", Three (3) 12 AWG, Red, Black, Green	EA	1	BX	20	20	1	No	23
PEWNM1264-1RA	10682	6-FT, 0.5", Four (4) 12 AWG, Red, Black, Green, White	EA	1	BX	20	20	1	No	36
PEWNM1244-1RA	10683	4-FT, 0.5", Four (4) 12 AWG, Red, Black, Green, White	EA	1	BX	20	20	1	No	25
Air Conditioner Whips										
ACWNM1043-1RA	11202	4-FT, 0.5", Three (3) 10 AWG, Red, Black, Green	EA	1	BX	20	20	1	No	47
ACWNM1063-1RA	11204	6-FT, 0.5", Three (3) 10 AWG, Red, Black, Green	EA	1	BX	20	20	1	No	49
ACWNM843-1RA	11205	4-FT, 0.75", Two (2) 8 AWG, Red, Black; One (1) 10 AWG, Green	EA	1	BX	20	20	1	No	49
ACWNM863-1RA	11208	6-FT, 0.75", Two (2) 8 AWG, Red, Black; One (1) 10 AWG, Green	EA	1	BX	10	10	1	No	36
ACWNM843-1RA-1/2	11214	4-FT, 0.5", Two (2) 8 AWG, Red, Black; One (1) 10 AWG, Green	EA	1	BX	20	20	1	No	49
ACWNM863-1RA-1/2	11213	6-FT, 0.5", Two (2) 8 AWG, Red, Black; One (1) 10 AWG, Green	EA	1	BX	20	20	1	No	50

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Power/Appliance Replacement Cords

Accessories

EPCO Power/Appliance Replacement Cords are reasonably priced and suitable for a wide variety of applications, including the installation of garbage disposals, dishwashers, or similar appliances as well as appliance repair, power tools, or other electrical equipment.

- **SPT3 Service Cord (Stranded Parallel Thermoplastic):** Rated for use up to 300 volts maximum. Operates in ambient and difficult environmental conditions.
- **SJT3 Service Cord (Service Junior Thermoplastic):** PVC Thermoplastic insulated jacket, for hard service usage, durable and resilient. Rated for use up to 300 volts maximum. The cord construction is thicker and has a higher temperature rating to handle electrical loads.
- **SJTOOW3 Service Cord (Service Junior Thermoplastic Oil Outdoor Weather):** Rated for use up to 300 volts maximum. The outer jacket is a rubber-based material and is oil, abrasion, ozone, sunlight, chemicals, weather and water resistant, and approved for submersion in water.
- **Twist Lock Power Cords:** Built to the NEMA Standard, this locking power cord plug is rated for 120V or 277V circuits, has a fully molded low profile ergonomic shape, and is RoHS compliant. The plug body is molded with deeply contoured ridges and a non-slip grip.

Meets the requirements of the 2020 National Electrical Code: Articles 422.16(B)(1) and (2).



Appliance Cords



Twist Lock Power Cord



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
SPT 14/3 Flat Cord										
10950	10950	3-FT, Straight Plug, NEMA 5-15P, Beige	EA	1	BX	25	25	25	Yes	9
SJT 16/3 Round Cord — Use for Light Duty Applications requiring less than 15 Amp Service										
PSS3	10186	3-FT, Straight Plug, NEMA 5-15P, Black	EA	1	BX	25	25	25	Yes	8
PSS6	10187	6-FT, Straight Plug, NEMA 5-15P, Black	EA	1	BX	25	25	25	Yes	12
RSS3	10219	3-FT, Receptacle, NEMA 5-15R, Black	EA	1	BX	25	25	25	Yes	12
SJTOOW 16/3 Round Cord — Use for Light Duty Applications requiring less than 15 Amp Service										
PSS9	10669	9-FT, Straight Plug, NEMA 5-15P, Black	EA	1	BX	25	25	25	Yes	14
SJTOOW 14/3 Round Cord — Use for Garbage Disposals, Dishwashers, Light Fixtures, and Lamps, requiring 15 Amp Service										
PSS6-14	10667	6-FT, Straight Plug, NEMA 5-15P, Black	EA	1	BX	25	25	25	Yes	15
PSS9-14	10668	9-FT, Straight Plug, NEMA 5-15P, Black	EA	1	BX	25	25	25	Yes	25
SPT 16/3 Flat Cord										
PCR3	10178	3-FT, Right Angle Plug, NEMA 5-15P, Black	EA	1	BX	25	25	25	Yes	8
PCR6	10181	6-FT, Right Angle Plug, NEMA 5-15P, Black	EA	1	BX	25	25	25	Yes	12
PCR8	10182	8-FT, Right Angle Plug, NEMA 5-15P, Black	EA	1	BX	25	25	25	Yes	13
PCS3	10179	3-FT, Straight Plug, NEMA 5-15P, Black	EA	1	BX	25	25	25	Yes	8
PCS4	10183	4-FT, Straight Plug, NEMA 5-15P, Black	EA	1	BX	25	25	25	Yes	8
PCS6	10184	6-FT, Straight Plug, NEMA 5-15P, Black	EA	1	BX	25	25	25	Yes	12
PCS8	10185	8-FT, Straight Plug, NEMA 5-15P, Black	EA	1	BX	25	25	25	Yes	13
PCS12	10169	12-FT, Straight Plug, NEMA 5-15P, Black	EA	1	BX	25	25	25	Yes	22
Twist Lock Power Cords										
TL001	10196	8-FT, 13 AMP, 120V, L5-15P, Black	EA	1	BX	1	1	1	No	2
TL002	10197	8-FT, 13 AMP, 277V, L7-15P, Black	EA	1	BX	1	1	1	No	2
TL001-White	10658	8-FT, 13 AMP, 120V, L5-15P, White	EA	1	BX	1	1	1	No	2
TL002_White	10659	8-FT, 13 AMP, 277V, L7-15P, White	EA	1	BX	1	1	1	No	2

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Range and Dryer Cords

When purchasing a new Kitchen Range, Wall-Mounted Oven, or Clothes Dryer, these appliances do not include a Power Cord because the Appliance Manufacturer does not know what type of receptacle is installed in your home. If your home is new or was built after 1996, the National Electrical Code (NEC) mandates all new home wiring after 1996 use a 4-Prong Power Cord. This code change was made to increase safety by limiting the potential for electrical shock. These cords meet the requirements of the 2020 National Electrical Code.

Standard High Performance “Right-Angle-Plug”

- Straight blades ensure a reliable connection for residential applications.

Heavy-Duty Ring Terminals

- Installed on the end of each conductor.
- Securely connects to the appliance receptacle bolt or screw (that passes through the ring).
- Ensures an excellent electrical connection.

Strain Relief Clamp

- 2-Piece — expedites installation.
- Relieves pressure on Power Cord.
- Keeps terminal connections solidly attached to the appliance.
- Protect the Power Cord from damage.



Dryer Cords



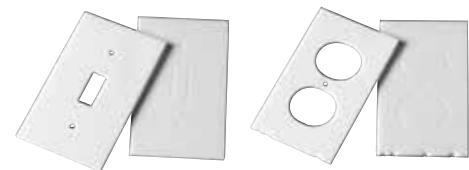
Range Cords



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Range Cords: Grey Cords for Homes built before 1996; Black Cords for Homes built after 1996										
40000	40000	Range Cord: 4-FT, SRDT 6/2 and 8/1, 3 Wire, 50 AMP, Grey	EA	1	BX	16	16	1	No	2
40001	40001	Range Cord: 6-FT, SRDT 6/2 and 8/1, 3 Wire, 50 AMP, Grey	EA	1	BX	16	16	1	No	3
40010	40010	Range Cord: 4-FT, SRDT 6/2 and 8/2, 4 Wire, 50 AMP, Black	EA	1	BX	12	12	1	No	2
40011	40011	Range Cord: 6-FT, SRDT 6/2 and 8/2, 4 Wire, 50 AMP, Black	EA	1	BX	12	12	1	No	3
Dryer Cords: Grey Cords for Homes built before 1996; Black Cords for Homes built after 1996										
40020	40020	Dryer Cord: 4-FT, SRDT 10/3, 3 Wire, 30 AMP, Grey	EA	1	BX	32	32	1	No	2
40021	40021	Dryer Cord: 6-FT, SRDT 10/3, 3 Wire, 30 AMP, Grey	EA	1	BX	32	32	1	No	3
40030	40030	Dryer Cord: 4-FT, SRDT 10/4, 4 Wire, 30 AMP, Black	EA	1	BX	16	16	1	No	2
40031	40031	Dryer Cord: 6-FT, SRDT 10/4, 4 Wire, 30 AMP, Black	EA	1	BX	16	16	1	No	3

Wall Plate Insulation Gasket

- Energy saving, flame retardant gasket prevents heat and cold loss through outlets and switches located on outside walls.
- Easy to install. Only a screwdriver is required.
- One-piece design fits toggle, duplex receptacle, or Decora wall plates.



Accessories

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
10938	10938	Wall Plate Insulation Gasket	BG	100	BG	0	0	100	Yes	2

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GENERAL PRODUCT WARRANTY

Unless otherwise noted, Engineered Products Company (herein known as EPCO) warrants that the products described herein, will be furnished free from defects in material and workmanship for one (1) year. Any exceptions to this Warranty Statement will be detailed within the respective warranty section in this product catalog, noted on the product itself, or the product packaging.

EPCO's sole obligation for any breach of warranty under the terms herein shall be, at our option, to repair or provide replacement for the Product to which such warranty is breached, or to return all payments made with respect to such product. Any product(s) that are deemed to be defective must be specified by the Purchaser in a written notice to EPCO's Warranty Department within one (1) year after receipt of such goods. Under no circumstances will EPCO be liable for loss of profits or incidental, indirect, consequential or special damages of any kind beyond the replacement cost of the defective merchandise.

EPCO shall not be liable for any losses arising from governmental action, an act of God, or the result of war, riot, strikes, civil commotion, sovereign conduct, or the act or conduct of any person or persons not party to or associated with EPCO.

LED LUMINAIRE PRODUCTS LIMITED WARRANTY

Engineered Products Company (herein known as EPCO) warrants at its sole option, after a failure is confirmed as a true defect in materials or workmanship, EPCO will replace or refund, any of the following LED Luminaire Products for a period of five (5) years from original purchase. This warranty statement applies to the original purchaser and is not transferable. The Original Purchaser is identified as the first initial installation completed by the Building Owner. If the product fails before the 5-year period expires, please return this product with your original invoice to: Engineered Products Company, Attention: Return Materials Department, 5401 Smetana Drive, Minnetonka, Minnesota 55343.

This Limited Warranty applies to the following products: LED Strips; LED RetroFit Conversion Kits for Strip-Type Fixtures; TIGER 150-Watt, 100-Watt and 60-Watt Temporary LED Luminaires; ProSeries LED Luminaire and LED Upgrade; ProSeries Elite Ceiling/Pendant and Wall Mount LED Utility Luminaire; 9-Watt LED Luminaire (3-Year Warranty); ProSeries "Junior" LED Utility Lamp, Lamp Upgrade, and Utility Luminaire; Motion Sensing LED Closet Luminaire; and Small Space Luminaire with Motion Sensor.

This Limited Warranty does not apply to any of the following:

- Disassembly of LED Driver, LED Strip, or Luminaire Housing by the end-user or the end-user's agent.
- Severe damage or deformation to the appearance of the LED Driver, LED Strip, or Luminaire.
- Damage to the LED Driver or LED Strip input (+) or output (-) conductors.
- LED Driver or Luminaire identification codes and/or other serial numbers that have been erased, altered, modified, or damaged.
- Damage to the LED Driver, LED Strip, or Luminaire caused by natural disasters.
- Must be installed per installation instructions and local building code.
- Any Luminaire, Luminaire Housing, or LED RetroFit Conversion Kit that was incorrectly installed by drilling holes, puncturing, piercing or any other means that will alter the product's integrity.
- Damage caused by the use of parts, components, and/or other equipment(s) that is not compatible, suitable, or unauthorized by EPCO for use with any Luminaire or LED RetroFit Conversion Kit.
- Damage resulting from the use of any Luminaire or LED RetroFit Conversion Kit in what EPCO, at its sole discretion, considers extreme applications.
- Product damage as determined by EPCO to be caused by a crash, impact, or obvious signs of abuse to any Luminaire or LED RetroFit Conversion Kit.
- For Fluorescent Luminaires only, the Ballast Warranty is limited to the first initial installation completed by the Building Owner. Contact the ballast manufacturer directly for more specific information on their warranty policy and procedures.
- The Chemical Resistance of Plastics Chart (posted on EPCO's website) provides an overview of those chemical compounds where these luminaires should not be installed.
- There are no charge-backs for any type of labor allowance required to remove, re-install, or re-power any Luminaire or LED RetroFit Conversion Kit and/or the replacement with a new luminaire or kit.

RETURN MATERIALS AUTHORIZATION POLICY

To obtain a replacement or a credit under this warranty, the Purchaser must contact EPCO Inside Sales within the specified warranty period (five years, three years, or one year, respectively) to obtain a Return Materials Authorization (RMA) form and return shipping instructions for the defective product. EPCO shall have no responsibility for any product deemed out of warranty. Under no circumstances shall EPCO be liable for any loss or damage, whether direct or indirect, incidental, consequential, special or otherwise, arising out of or relating to the use of, or the inability to use the product(s) in excess of the cost for replacement of any of the aforementioned product(s) proven to be defective during the defined warranty period.

THIS WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR ANY CLAIM, WHETHER IN CONTRACT, TORT, OR OTHERWISE, AND IS IN LIEU OF ANY OTHER WARRANTY, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY WARRANTY OF NON-INFRINGEMENT OF THE INTELLECTUAL PROPERTY RIGHT OF THIRD PARTIES. ALL SUCH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED.

THIS WARRANTY IS ALSO GOVERNED BY OUR TERMS AND CONDITIONS OF SALE AND IS WITHOUT PREJUDICE TO THE WARRANTY CLAIM PROVIDED HEREIN OF SUCH TERMS OF SALE AND DELIVERY.

SALES REPRESENTATIVES

ALABAMA

Kam Sales, Inc.
1755 MacArthur Boulevard NW
Atlanta, GA 30318
P 404.351.0814 · F 404.351.7665
E todd@kamsalesinc.com

ALASKA

Electrical Sales Associates, Inc.
21220 68th Avenue South
Kent, WA 98032
P 206.574.0092 · F 206.575.0674
E char@repsa.com

ARIZONA

Bob Jones and Associates
3837 East Anne Street
Phoenix, AZ 85040
P 602.318.4936 · F 602.437.1111
E jeff@jonesassc.com

ARKANSAS

Commodore Sales, Inc.
5100 Poplar Avenue, Suite 2760
Memphis, TN 38117
P 501.350.4348 · F 501.868.1249
E mmcCarthy@commsalesinc.com

CALIFORNIA

Engineered Products Company (Northern California)
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com

Stellar Sales, Inc. (Southern California)
P.O. Box 180
La Habra, CA 90633
P 714.690.6400 · F 714.690.6410
E dan@stellarsalesinc.com

COLORADO

Ryall Group
165 South Union Blvd, Suite 610
Lakewood, CO 80228
P 303.423.3334 · F 303.423.3335
E ryan@ryallgroup.com

CONNECTICUT

New England Electrical Sales
6 True Avenue
Derry, NH 03038
P 603.434.6705 · F 603.426.5218
E stevelangelier@newenglandelecsc.com

DELAWARE

Tri-Tech Sales Associates, Inc.
66 A Southern Boulevard
Nesconset, NY 11767
P 631.642.0087 · F 631.642.1544
E mtuniewicz@tri-techsales.com

DISTRICT of COLUMBIA

Engineered Products Company
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com

FLORIDA

Florida Electrical Sales
8100 Broadway Avenue, Suite E
Tampa, FL 33619
P 800.277.0318 · F 813.881.9624
E fesrbado@aol.com

Kam Sales, Inc. (Florida Panhandle)

1755 MacArthur Boulevard NW
Atlanta, GA 30318
P 404.351.0814 · F 404.351.7665
E charlie@kamsalesinc.com

GEORGIA

Kam Sales, Inc.
1755 MacArthur Boulevard NW
Atlanta, GA 30318
P 404.351.0814 · F 404.351.7665
E charlie@kamsalesinc.com

HAWAII

Engineered Products Company
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com

IDAHO

Electrical Sales Associates, Inc. (Northern Idaho)
21220 68th Avenue South
Kent, WA 98032
P 206.574.0092 · F 206.575.0674
E char@repsa.com

Interwest Electrical Sales (Southern Idaho)
4673 Cherry Street
Murray, UT 82143
P 801.233.8800 · F 801.233.8801
E ies@interwestut.com

ILLINOIS

Becker Sales Company, Inc. (Northern Illinois)
1850 Brummel Drive
Elk Grove Village, IL 60007
P 847.981.1776 · F 847.981.1977
E gary@beckersalesco.com

Hendrix Company, Inc. (Southern Illinois)
11815 Westline Industrial Drive
St. Louis, MO 63146
P 314.994.0034 · F 314.994.1373
E b.s.davis@sbcglobal.net

INDIANA

Becker Sales Company, Inc. (Chicago area)
1850 Brummel Drive
Elk Grove Village, IL 60007
P 847.981.1776 · F 847.981.1977
E gary@beckersalesco.com

Wilttrout Sales, Inc. (Northern and Central Indiana)
9296 Waldemar Road
Indianapolis, IN 46268
P 317.704.8800 · F 317.704.8810
E tjwilttrout@wilttroutsales.com

Harrison Sales Company (Southeastern Indiana)
1133 Haddrell Point
Lexington, KY 40509
P 859.509.6671 · F 859.523.3942
E daleharrison@harrisonsalescompany.com

IOWA

Perry & Associates
7559 Main Street, Suite 302
Omaha, NE 68127
P 515.231.9297 · F 402.596.1319
E tym2flyhotair@gmail.com

KANSAS

Schooler & Associates
811 Santa Fe
Kansas City, MO 64101
P 816.842.0733 · F 816.842.0737
E schooler01@aol.com

KENTUCKY

Harrison Sales Company
1133 Haddrell Point
Lexington, KY 40509
P 859.509.6671 · F 859.523.3942
E daleharrison@harrisonsalescompany.com

Aero Sales (Cincinnati area)
29313 Clemens Road, #2-J
Westlake, OH 44145
P 440.250.9940 · F 440.250.9941
E bschutte@aerosalesinc.com

LOUISIANA

SERG, Inc.
422 South Tyler Street
Covington, LA 70433
P 985.892.4343 · F 985.892.4951
E serginc@bellsouth.net

MAINE

New England Electrical Sales
6 True Avenue
Derry, NH 03038
P 603.434.6705 · F 603.426.5218
E stevelangelier@newenglandelecsc.com

MARYLAND

Engineered Products Company
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com

MASSACHUSETTS

New England Electrical Sales
6 True Avenue
Derry, NH 03038
P 603.434.6705 · F 603.426.5218
E stevelangelier@newenglandelecsc.com

MICHIGAN

Team Electrical Sales
1545 Clay Street
Detroit, MI 48211
P 313.874.1000 · F 313.872.5544
E mike@teamelectricalsales.com

Lakeshore Electrical Sales, Inc. (Upper Peninsula)
6000 West Executive Drive, Suite A
Mequon, WI 53092
P 262.478.0680 · F 262.478.0595
E jerry.duwell@lakeshoreelectrical.net

MINNESOTA

Engineered Products Company
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com

MISSISSIPPI

SERG, Inc.
322 2nd Street South
Columbus, MS 39701
P 662.574.3519 · F 662.327.8495
E jeffcaldwell@bellsouth.net

MISSOURI

Schooler & Associates (Western Missouri)
811 Santa Fe
Kansas City, MO 64101
P 816.842.0733 · F 816.842.0737
E schooler01@aol.com

Hendrix Company, Inc. (Eastern Missouri)
11815 Westline Industrial Drive
St. Louis, MO 63146
P 314.994.0034 · F 314.994.1373
E b.s.davis@sbcglobal.net

MONTANA

Northern Rockies Agency, Inc.
246 Timberline Drive
Bozeman, MT 59718
P 406.587.0513 · F 406.587.3677
E nra@nrarep.com

NEBRASKA

Perry & Associates
7559 Main Street, Suite 302
Omaha, NE 68127
P 515.231.9297 · F 402.596.1319
E tym2flyhotair@gmail.com

NEVADA

Bob Jones and Associates (Las Vegas area)
3837 East Anne Street
Phoenix, AZ 85040
P 602.318.4936 · F 602.437.1111
E jr@jonesassoc.com

Engineered Products Company (Reno area)
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com

Interwest Electrical Sales (Elko area)
4673 Cherry Street
Murray, UT 82143
P 801.233.8800 · F 801.233.8801
E ies@interwestut.com

NEW HAMPSHIRE

New England Electrical Sales
6 True Avenue
Derry, NH 03038
P 603.434.6705 · F 603.426.5218
E stevelangelier@newenglandelec.com

NEW JERSEY

Tri-Tech Sales Associates, Inc.
66 A Southern Boulevard
Nesconset, NY 11767
P 631.642.0087 · F 631.642.1544
E mtuniewicz@tri-techsales.com

NEW MEXICO

FPS, LLC
3636 Menaul NE, Suite 200
Albuquerque, NM 87110
P 505.884.8338 · F 505.884.5069
E joe@fpsllcnm.com

NEW YORK

Tri-Tech Sales Associates, Inc. (New York City)
66 A Southern Boulevard
Nesconset, NY 11767
P 631.642.0087 · F 631.642.1544
E mtuniewicz@tri-techsales.com
ElectriSpecNY (Upstate New York)
8 Leitch Avenue
Skaneateles, NY 13152
P 607.743.8177
E ben@electrispecny.com

NORTH CAROLINA

E. F. Lombardi Company
2101 Freedom Drive
Charlotte, NC 28266
P 704.334.1637 · F 704.372.6078
E remery@eflombardi.com

NORTH DAKOTA

Engineered Products Company
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com

OHIO

Aero Sales
29313 Clemens Road, #2-J
Westlake, OH 44145
P 440.250.9940 · F 440.250.9941
E jweissinger@aerosalesinc.com

OKLAHOMA

Lighting and Power Solutions, Inc.
217 North Chester Street
Little Rock, AR 72201
P 405.630.5250
E robertf@lpsolutions-inc.com

OREGON

Electrical Pacific Agencies, LLC
2720 NW 35th
Portland, OR 97210
P 503.248.0042 · F 503.248.0924
E bplasker@electri-pac.com

PENNSYLVANIA

Tri-Tech Sales Associates, Inc. (Eastern Pennsylvania)
66 A Southern Boulevard
Nesconset, NY 11767
P 631.642.0087 · F 631.642.1544
E mtuniewicz@tri-techsales.com
Engineered Products Company
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com

RHODE ISLAND

New England Electrical Sales
6 True Avenue
Derry, NH 03038
P 603.434.6705 · F 603.426.5218
E leodimaio@newenglandelec.com

SOUTH CAROLINA

E. F. Lombardi Company
2101 Freedom Drive
Charlotte, NC 28266
P 704.334.1637 · F 704.372.6078
E hkivlan@eflombardi.com

SOUTH DAKOTA

Engineered Products Company
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com

TENNESSEE

Commodore Sales, Inc. (Western Tennessee)
5100 Poplar Avenue, Suite 2760
Memphis, TN 38117
P 501.350.4348 · F 501.868.1249
E mmccarthy@commsalesinc.com
Engineered Products Company (Eastern Tennessee)
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com

TEXAS

Power Tech Electrical Sales (Northern Texas)
8920 North Royal Lane
Irving, TX 75063
P 972.421.0871 · F 972.421.0877
E mark@powerteches.com
FPS, LLC (El Paso area)
3636 Menaul NE, Suite 200
Albuquerque, NM 87110
P 505.884.8338 · F 505.884.5069
E joe@fpsllcnm.com

Enhanced Electrical Sales, Inc. (Southern Texas)
4650 South Pinemont, Suite 125
Houston, TX 77041
P 713.895.0300 · F 713.895.7204
E tharley@eestexas.com

UTAH

Interwest Electrical Sales
4673 Cherry Street
Murray, UT 82143
P 801.233.8800 · F 801.233.8801
E ies@interwestut.com

VERMONT

New England Electrical Sales
6 True Avenue
Derry, NH 03038
P 603.434.6705 · F 603.426.5218
E stevelangelier@newenglandelec.com

VIRGINIA

Engineered Products Company
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com
Engineered Products Company (District of Columbia area)
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com

WASHINGTON

Electrical Sales Associates, Inc.
21220 68th Avenue South
Kent, WA 98032
P 206.574.0092 · F 206.575.0674
E char@repsa.com
Electrical Pacific Agencies, LLC (Portland area)
2720 NW 35th
Portland, OR 97210
P 503.248.0042 · F 503.248.0924
E bplasker@electri-pac.com

WEST VIRGINIA

Engineered Products Company
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com

WISCONSIN

Lakeshore Electrical Sales, Inc. (Eastern Wisconsin)
6000 West Executive Drive, Suite A
Mequon, WI 53092
P 262.478.0680 · F 262.478.0595
E jerry.duwell@lakeshoreelectrical.net
Engineered Products Company (Western Wisconsin)
5401 Smetana Drive
Minnetonka, MN 55343
P 800.336.1976 · F 800.336.2801
E sales@engproducts.com

WYOMING

Ryall Group (Eastern Wyoming)
165 South Union Blvd, Suite 610
Lakewood, CO 80228
P 303.423.3334 · F 303.423.3335
E ryan@ryallgroup.com
Interwest Electrical Sales (Western Wyoming)
4673 Cherry Street
Murray, UT 82143
P 801.233.8800 · F 801.233.8801
E ies@interwestut.com





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NOTES



5401 Smetana Drive
Minnetonka, MN 55343
P: 800.336.1976
F: 800.336.2801
E: sales@engproducts.com

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