

# LINEAR LUMINAIRE ACCESSORIES

## OCCUPANCY SENSOR

Our Occupancy Sensor (OS) is the energy and cost efficient method to manage illumination systems in applications such as stairwells, warehouses, utility and maintenance buildings, storage areas, tunnels and more.

Installing occupancy sensors can reduce energy consumption up to 45% or more by operating similar to a light switch. The sensor turns the lights on when it senses activity in a room or area, and then turns the light off automatically after sensing no activity after a preset time.

Two Occupancy Sensors are available:

**Passive Infrared (PIR) Sensors (Options R1, R2, and R3):** Recommended for ceiling heights 15-feet or higher. PIR sensors work as an automatic lighting control in high and medium bay location applications.

**Microwave Sensors (Options R4, R5, and R6):** Recommended for ceiling heights 15-feet or lower. This microwave sensor type covers a wide range and detects the slightest movement in its occupancy zone. Detection is sensed through doors, glass, or thin walls.



## LUMINAIRE SUSPENSION SYSTEM KIT

The Suspension Kit (P/N: GFF-FSSK) provides instant and “tool-less” infinite 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 the need for chain, S-Hooks, threaded rods and strut support nuts
- Safe Working Load: 75 lbs. (34 kg.)
- Minimal breaking strength: 420 lbs. (190.5 kg.)
- Maximum load rating for one (1) cable: 62 lbs. (28.1 kg.)
- Maximum load rating for two (2) cables: 124 lbs. (56.2 kg.)
- One (1) kit includes: Two (2) 1/16" (1.587 mm) 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".
- Suspension Cable Length: 100-inches with two (2) 20-inch 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.



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	Luminaire Suspension System Kit	BG	2	BG	12	12	12	Yes	5

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**ENGINEERED PRODUCTS CO.**

# LINEAR LUMINAIRE ACCESSORIES

## LUMINAIRE HOUSING LATCH OPTIONS

LED and Fluorescent Linear Luminaires can be ordered with your choice of Acetal (Plastic) or Stainless Steel Latches. Both cam-type latch options accommodate a variety of application environments.



**Note:** The Wide Body Luminaires are only available with Stainless Steel Latches.

**Acetal (Plastic) Latches (Option C)** 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 (Option S)** are ideal for food processing facilities and related applications. 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 (P/Ns: GFF-TPS-S and GFF-TPS-C)** can help the building owner save thousands of dollars in re-lamping cost by protecting the T5 or T8 LED or Fluorescent Lamps installed in our luminaires from tampering, vandalism and theft.

Acetal (Plastic) Latch (Option C)



Stainless Steel Latch (Option S)



Tamper Resistant Screws (P/N GFF-TPS-C)



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-L2C	14336	Replacement Acetal (Plastic) Latches: for 2-FT Narrow Body Linear Luminaires	BG	6	BG	0	0	6	Yes	1
GFF-L2SS	14337	Replacement Stainless Steel Latches: for 2-FT Narrow Body Linear Luminaires	BG	6	BG	0	0	6	Yes	1
GFF-L4C	14240	Replacement Acetal (Plastic) Latches: for 4-FT Narrow Body Linear Luminaires	BG	8	BG	0	0	8	Yes	1
GFF-L4SS	14239	Replacement Stainless Steel Latches: for 4-FT Narrow Body Linear Luminaires	BG	8	BG	0	0	8	Yes	1
GFF-L8C	14250	Replacement Acetal (Plastic) Latches: for 8-FT Narrow Body Linear Luminaires	BG	14	BG	0	0	14	Yes	1
GFF-L8SS	14249	Replacement Stainless Steel Latches: for 8-FT Narrow Body Linear Luminaires	BG	14	BG	0	0	14	Yes	1
GFF-TPS-C	14248	Tamper Resistant Stainless Steel Screws: for Acetal (Plastic) Latches	BG	100	BG	0	0	100	Yes	1
GFF-TPS-S	14245	Tamper Resistant Stainless Steel Screws: for Stainless Steel Latches	BG	100	BG	0	0	100	Yes	1
W-L4SS	50003	Replacement Stainless Steel Latches: for 4-FT Wide Body Linear Luminaires	BG	8	BG	0	0	8	Yes	1

## 6-FOOT TWIST LOCK POWER CORD

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 that makes "plug-in" quick and easy.



Twist Lock Power Cord (Options A1 and A2)

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## IMPACT RESISTANT UV STABILIZED DIFFUSERS

- 100% Impact Resistant Acrylic Diffusers.
- No tools or fasteners are required to attach the Diffuser to the luminaire housing.

**Frosted Smooth Diffuser** is standard on all LED Strip Luminaires.

**Frosted Ribbed Diffuser** is standard on all T5 or T8 LED Lamp Narrow Body Luminaires and (**Option P**) on all Fluorescent Narrow Body Luminaires.

**Clear Ribbed Diffuser** is standard on all Narrow Body Fluorescent Luminaires.

**Wide Body Clear Smooth Diffuser** is standard on all Wide Body Luminaires. Each end of this Diffuser is frosted to minimize untargeted light dispersion.



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-DS2	14581	Replacement Frosted Smooth Diffuser: for 2-FT Narrow Body LED Linear Luminaires	EA	1	BX	5	5	5	Yes	6
GFF-DS4	14582	Replacement Frosted Smooth Diffuser: for 4-FT Narrow Body LED Linear Luminaires	EA	1	BX	5	5	5	Yes	10
GFF-DS8	14583	Replacement Frosted Smooth Diffuser: for 8-FT Narrow Body LED Linear Luminaires	EA	1	BX	5	5	5	Yes	14
GFF-DF2	14452	Replacement Frosted Ribbed Diffuser: for 2-FT Narrow Body LED Linear Luminaires	EA	1	BX	5	5	5	Yes	5
GFF-DF4	14453	Replacement Frosted Ribbed Diffuser: for 4-FT Narrow Body LED Linear Luminaires	EA	1	BX	5	5	5	Yes	10
GFF-DF8	14454	Replacement Frosted Ribbed Diffuser: for 8-FT Narrow Body LED Linear Luminaires	EA	1	BX	5	5	5	Yes	21
GFF-DR2	14334	Replacement Clear Ribbed Diffuser: for 2-FT Narrow Body Fluorescent Linear Luminaires	EA	1	BX	5	5	5	Yes	5
GFF-DR4	14253	Replacement Clear Ribbed Diffuser: for 4-FT Narrow Body Fluorescent Linear Luminaires	EA	1	BX	5	5	5	Yes	10
GFF-DR8	14254	Replacement Clear Ribbed Diffuser: for 8-FT Narrow Body Fluorescent Linear Luminaires	EA	1	BX	5	5	5	Yes	21
W-DC4	14238	Replacement Clear Diffuser: for 4-FT Wide Body Fluorescent Linear Luminaires	EA	1	BX	5	5	5	Yes	27
W-DF4	50004	Replacement Frosted Diffuser: for 4-FT Wide Body LED Linear Luminaires	EA	1	BX	5	5	5	Yes	27

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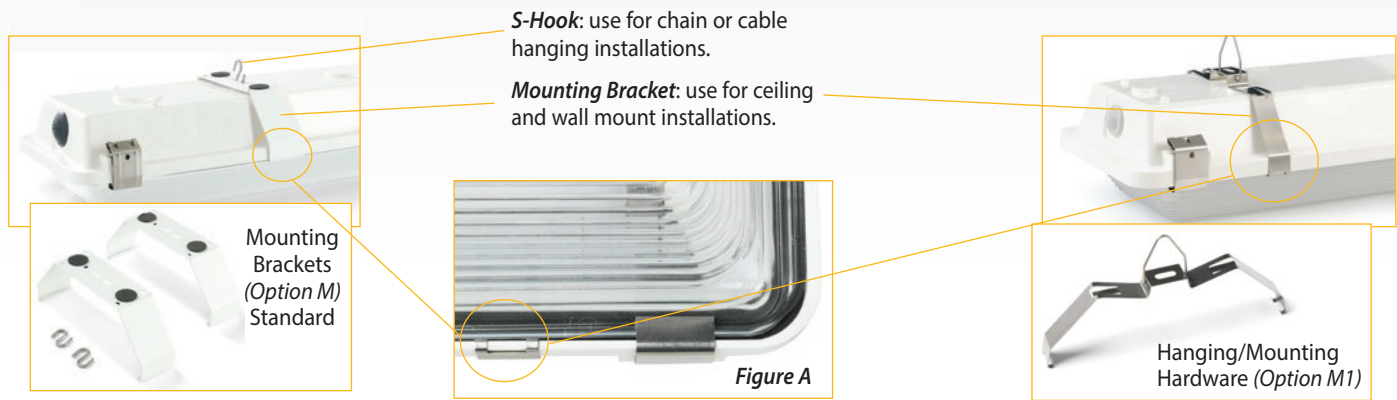
# LINEAR LUMINAIRE ACCESSORIES

## LUMINAIRE MOUNTING HARDWARE

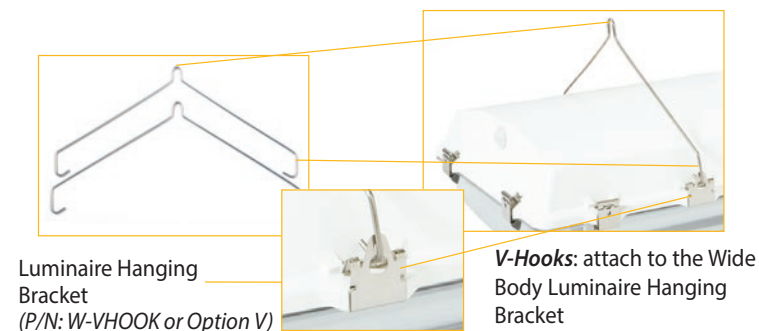
Luminaire Mounting Hardware eliminates drilling through the luminaire housing to maintain the IP66/IP67 “wet” location ingress protection rating. We recommend using the Narrow Body Luminaire Mounting Hardware when installing a 2-foot, 4-foot or 8-foot luminaire and the V-Hooks when installing a 4-foot Wide Body Luminaire. Any luminaire that has been incorrectly installed by drilling, puncturing, piercing or any other means that alters the integrity of the luminaire housing will void the warranty!

**Note:** For food processing and food service applications, we strongly recommend using our stainless steel mounting brackets versus our standard mounting brackets. The two (2) neoprene spacers on the standard mounting brackets will deteriorate over time especially when pressure washers are used to clean these facilities.

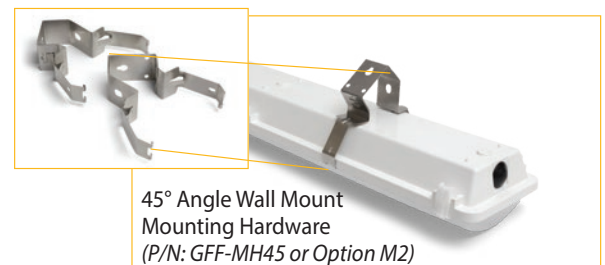
**The Narrow Body Luminaire Mounting Hardware** includes two (2) “snap-on” mounting brackets that attach to the outside edge of the luminaire housing. P/N GFF-MH (Option M) is standard with all Narrow Body luminaires. It comes with a powder coated finish and is suitable for ceiling or wall mount applications but can also be used with chain or cable mounting applications when using the S-Hooks. P/N GFF-MHS (Option M1) comes with a stainless steel finish.



**The Wide Body Luminaire Hanging Hardware (P/N: W-VHOOK or Option V)** uses two (2) V-Hooks that are used for chain or cable mounting applications to expedite luminaire installation.



**The 45° Angle Wall Mount Stainless Steel Mounting Hardware (P/N: GFF-MH45 or Option M2)** includes two (2) “snap-on” mounting brackets that attach to the outside edge of the luminaire housing (see Figure A). Comes with a stainless steel finish and mounts at a 45° angle.



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	White Powder Coated Luminaire Mounting Hardware: for Ceiling and Wall Mount Applications	BG	2	BG	0	0	2	Yes	1
GFF-MHS	14352	Stainless Steel Luminaire Mounting Hardware: for Ceiling and Wall Mount Applications	BG	2	BG	0	0	2	Yes	1
GFF-MH45	50005	45° Angle Stainless Steel Luminaire Mounting Hardware: for Wall Mount Applications	BG	2	BG	0	0	2	Yes	1
W-VHOOK	50002	Luminaire Hanging Hardware: for 4-FT Wide Body Linear Luminaires	BG	2	BG	0	0	2	Yes	2

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## DUCT SEAL COMPOUND

Our UL Listed Duct Seal Compound is used to seal around junction boxes, flashings, service mast and cable entries. Duct Seal Compound is available in individual 1 lb. bricks, five (5) 1 lb. bricks in one (1) package, or a 5 lb. brick. Each Duct Seal package is individually wrapped in release paper to simplify handling and repackaging.

- Asbestos-free compound
- Odorless, non-sticky formula.
- Can be painted immediately.
- Temperature tolerance: -40°F (-40°C) to 180°F (82°C).
- Excellent adhesive properties for use on wood, glass, aluminum and steel.
- Meets the requirements of the 2017 National Electrical Code: Articles 230.8 and 300.5(D)(2).



**Note:** None of the components of this product are hazardous as defined by OSHA Hazard Communication Standard (29 CFR 1910.1200). For more information, visit our website at [engproducts.com/Resources](http://engproducts.com/Resources) to view the Duct Seal MSDS Sheet.

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

EPD Duct Seal Compound is Made in the USA.  
Complies with the American Recovery and Reinvestment Act – Buy American Provision.

## TIE WIRE

Supports a variety of uses on the job site including 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.



**Tie Wire:** 18 AWG Galvanized Straight Wire  
**Carbon:** C1008 Soft Annealed  
**Yield:** LB/FT = .0104 (104 FT/LB)  
**Size:** .047" Diameter (plus/minus .001")  
**Tensile/Breaking Strength:** 75 lb. max. PSI; 105-135 lbs.  
**ASTM:** Zinc Coating; Meets A641 that requires no minimum ounces of zinc per square foot of surface area.  
**Federal Specification:** QQ-W-461

**Tie Wire:** 16 AWG Black and Galvanized Coiled Wire  
**Carbon:** C1008 Soft Annealed  
**Yield:** LB/FT = .0104 (104 FT/LB)  
**Size:** .0625" Diameter (plus/minus .001")  
**Tensile/Breaking Strength:** 45-60,000 PSI  
**ASTM:** Zinc Coating; Meets A641 that requires no minimum ounces of zinc per square foot of surface area.  
**Federal Specification:** QQ-W-461

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
TY16	10150	16 AWG Black Tie Wire: 350-FT per Roll	EA	1	BX	20	20	20	Yes	70
TY16G	10152	16 AWG Galvanized Tie Wire: 350-FT per Roll	EA	1	BX	20	20	20	Yes	70
TY18G	10151	18 AWG Galvanized Tie Wire: 30" Length	EA	1	BX	1750	1750	1750	Yes	25
TY18G-50B	12000	18 AWG Galvanized Tie Wire: 30" Length, 50 per Bundle	EA	1	BX	35	35	1	No	25

## LUMINAIRE HANGERS

These labor saving Luminaire Hangers are available in Side Mount or Top Mount styles and can be used with our Chain and S-Hook products. Top Mount Hangers are used when the mounting holes are located on top of a troffer type luminaire. Side Mount Hangers are used when the mounting holes are located on the side of a troffer type luminaire. Both Luminaire Hanger styles are plated for durability and precisely bent to simplify installation and ensure a secure fit.



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
SMH	10726	11 AWG Plated Luminaire Hangers: Side Mount	BX	100	BX	100	100	100	Yes	5
TMH	10725	10 AWG Plated Luminaire Hangers: Top Mount	BX	100	BX	100	100	100	Yes	7

EPD Luminaire Hangers are Made in the USA.  
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## SINGLE LOOP JACK CHAIN

Single Loop Jack Chain is used to support suspended luminaires and is often required by code in many cities. We package the chain in convenient 50 and 100-foot boxes.



## SINGLE LOOP JACK CHAIN LOAD LIMITS

Trade Size	Wire Gauge	Wire Diameter Inches	Length Per 100 Link Inches	Weight Per 100 Feet Pounds	Working Load Limit Pounds	Break Test Load Pounds
12	13	.105	75	8.5	29 Lbs	115 Lbs
10	12	.135	95	14.7	43 Lbs	170 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)
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

EPCO Single Loop Jack Chain is Made in the USA.  
Complies with the American Recovery and Reinvestment Act – Buy American Provision.

## S-HOOKS

S-Hooks are used with Jack Chain to support suspended luminaires. All S-Hooks are plated for lasting durability. Two (2) sizes are available ranging from 1.125" length 12 AWG wire to 1.25" length 10 AWG wire.



## S-HOOK LOAD LIMITS

Trade Size	Wire Gauge	Wire Diameter Inches	Length	Working Load Limit Pounds	Minimum Strength
SH10	10	.135	1.25"	48 Lbs	190 Lbs
SH12	12	.105	1.125"	32 Lbs	97 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)
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

EPCO S-Hooks are Made in the USA.  
Complies with the American Recovery and Reinvestment Act – Buy American Provision.

## 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.

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