



# UTILITY LIGHTING

Our energy efficient and cost-effective Utility Light Fixtures and Accessories meet a very broad variety of lighting applications. We currently provide linear, multi-lamp fluorescent light fixtures as well as single-lamp utility light fixtures. Both light fixture types are UL listed for use in “damp” or “wet” lighting applications.

## GFF, GFFW, GLF AND GLFW SERIES™

EPCO's gasketed “vapor-tight” fluorescent and LED multi-lamp light fixtures (GFF/GFFW and GLF/GLFW, respectively) are easily configurable for a wide range of lighting applications using T5, T8, or T8 LED lamps. They are energy efficient, maintain a NEMA 4X / IP66/67 wet location rating makes them suitable for applications where high-pressure wash-down is required. Fast and easy installation is achieved using our “unique” mounting hardware bracket for ceiling or wall mount applications saves the contractor time and reduces overall labor cost.

These light fixtures are ideal for high-bay locations such as warehouses, parking garages, food processing facilities, commercial kitchens, pedestrians walkways, road tunnels, as well as other locations that require above-average lighting. In many of these installations, the use of a “vapor-tight” fluorescent or LED light fixture can reduce the number of fixtures required to meet your lighting requirements.

## PROSERIES™ MEDIUM-BASE, GU24 AND LED

The ProSeries Utility Lights are rated for use in “wet” locations and are available in three (3) configurations:

- **ProSeries Medium-base:** The Nickel-plated brass screw shell is recessed in the fixture housing to facilitate the installation of large incandescent or LED lamps. When mounted vertically, the glass globe will not permit dust or water to enter the junction box.
- **ProSeries GU24-base:** The GU24 socket and base system is designed to replace the Medium-base socket in energy efficient lighting fixtures. This light fixture was designed for compatibility with energy efficiency regulations and qualified as energy efficient under Title 24-2005. It is not backward compatible and cannot be operated with an incandescent lamp.
- **ProSeries LED:** Many commercial and industrial facilities, in addition to swine, poultry and agricultural support buildings are transitioning to this LED light fixture because of its minimal maintenance requirements, high lumen output, and the opportunity for this light fixture to qualify for rebates from their local utility.

All three configurations include a UV resistant, high impact and corrosion resistant 18 cubic-inch junction box that provides capacity for an additional circuit that meets the National Electric Code junction box fill requirements.

## 15000 SERIES

The core of our single-lamp light fixtures is the 15000 Series Utility Light. We have sold more light fixtures from the 15000 Series family than any other manufacturer because of its outstanding quality and in-use longevity. These UL listed light fixtures are rated for use in “damp” locations and include a corrosion resistant nickel-plated brass screw shell - at no extra cost.\* The benefit – long lasting, superior performance, especially under severe environmental conditions like heat, cold, ammonia, and humidity typically found in animal confinement areas.

The 15000 Series Utility Light has been a key factor for many years to support worker safety, improved animal production, and provide farmstead security to older barns and utility out-buildings that have substandard lighting systems.

\* UL Listed. Engineered Products Company's 15000 Series Utility Lights meet the Minnesota State Board of Electricity Electrical Wiring requirements for Agricultural Buildings and the 2014 National Electrical Code, Article 547.5 (C) (1, 2, and 3).

**GFF, GLF, GFFW AND GLFW SERIES LIGHT FIXTURES**

Our domestically manufactured Gasketed Fluorescent (GFF/GFFW) and LED (GLF/GLFW) Series Light Fixtures accommodate both T5, T8 and T8 LED lamps, all rated for long life, energy efficiency, and more uniform lumen distribution. For high or low ceiling applications, the highly reflective coated finish of the GFF, GLF, GFFW and GLFW light fixtures' gear tray surface translates into improved efficacy by providing more usable lumens per watt.

**COMMONALITIES**

- UL Listed. Suitable for indoor or outdoor use including wet locations. File #: E319552.
- Fast installation saves time and reduces labor cost.
- Reliable, durable, maintenance free performance!
- Meets the requirements of the 2014 National Electrical Code: Articles 410.10(A), 410.104(A), 410.130(G)(1), 547.5(C)(1) and (2), and 547.8(A) and (B).
- Long lasting fixtures will not deteriorate under most hostile environments when it is installed according to factory procedures.
- Multiple configurations available in 2-foot, 4-foot and 8-foot lengths.

**Note:** The GLF Light Fixtures are only available in 4- and 8-foot! GFFW and GLFW Light Fixtures are only available in a 4-foot length!

- Ingress Protection – NEMA 4X and IP66/IP67 rated dust and moisture resistant luminaire; suitable for use in wet locations where high-power pressure wash-down is required.
- Gear tray: tethered and hinged to fixtures provide quick access to the ballast wiring to simplify installation, power-to-ballast termination, and allow for easy ballast replacement.
- Continuous “poured-in-place” closed cell polyurethane gasket completely seals the fixture from dust and moisture.
- Fixture Mounting Hardware allows the contractor to pre-install the mounting brackets to mounting surface without drilling into the fixture housing.
- Luminaire Disconnect: Enables the electrical contractor to easily and safely disconnect the incoming power to allow safe servicing to the light fixtures.

**Note:** No Luminaire Disconnect for light fixtures using T8 LED lamps!

- Impact resistant acrylic diffusers withstand breakage from high power pressure washers; lowers replacement and maintenance costs.
- Solid reinforced fixture housings provide strong rigidity with no deflection. The fixture housing is rated 5VA-F1 fiberglass.\*
- “Captive” Acetal (Plastic) or Stainless Steel Latches.
- Domestic Ballast Manufacturer.

**\*Note:** Quantified and tested by Underwriters Laboratories, reference UL 746C.

**INGRESS PROTECTION**

Continuous “poured-in-place” closed cell polyurethane gasket seals the light fixtures from dust and moisture and provides protection from -40°C/-40°F to 80°C/176°F.

**OCCUPANCY SENSORS**

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

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



Occupancy Sensor  
Option R1  
(dry locations)  
Option R2  
(dry/cold locations)  
Option R3  
(wet locations)



# UTILITY LIGHTING

## GFF, GLF, GFFW & GLFW SERIES™ LIGHT FIXTURES

### FIXTURE LATCH OPTIONS

GFF and GLF Series Light Fixtures can be ordered with your choice of Acetal (Plastic) or Stainless Steel Latches.

**Note:** GFFW and GLFW Light Fixtures are only available with Stainless Steel Latches.

Both cam-type latch options accommodate a variety of application environments.

**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 (Option T)** can help the building owner save thousands of dollars in re-lamping cost by protecting the fluorescent or LED lamps installed in our light fixtures from tampering, vandalism and theft.



Acetal (Plastic)  
Latch  
(Option C)

Stainless Steel  
Latch  
(Option S)

Tamper  
Resistant  
Screws  
(Option T)

### LAMP GUARD

Our Lamp Guards are constructed of cold-rolled steel wire and resistance welded in a rectangular grid pattern. The Lamp Guard attaches directly to the GFF, GLF, GFFW and GLFW Light Fixtures using the factory-mounted Acetal (Plastic) or Stainless Steel latches.

**Material Finish:** Silver powder coated epoxy; moisture and weather resistant.

Typical applications include:

- Classrooms
- Offices
- Lavatories
- Commerical Kitchens
- Restaurants
- Shopping Centers
- Factories
- Workshops
- Warehouses
- Parking Garages
- Gymnasiums
- Other areas where the fluorescent lamps may be exposed to forceful contact or damage.

GFF and GLF  
Lamp Guard  
(Option O)

GFF and GLF Wire Spacing: Outside section: 2.75" x 3.0"  
Center section: 3.0" x 3.0"

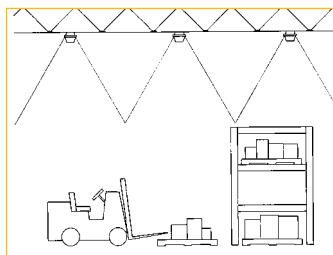
GFFW and  
GLFW Lamp  
Guard  
(Option O)

GFFW and GLFW Wire Spacing: Outside section: 2.75" x 3.0"  
Center section: 3.0" x 3.5"

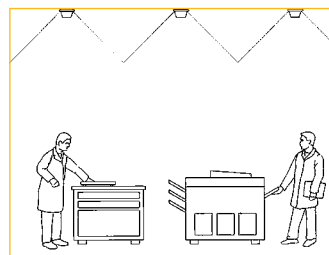
### SPECULAR REFLECTORS

- Specular reflectors can reduce lighting energy costs by as much as 30%.
- Provides additional light into the work space.
- Delivers the highest efficacy at the lowest watts per square foot that enables lamps to perform at maximum efficiency.
- Two (2) reflector styles:
  - **The Basic Reflector (Option B)** concentrates light to specific work areas and provides more uniform illumination.
  - **The Wide Reflector (Option W)** provides a broader dispersion of light at higher and lower mounting levels in warehouses, manufacturing areas, factories, commercial kitchens, parking garages, as well as outdoor lighting applications.
- Both reflectors provide 95% reflectivity to enhance energy efficiency for more effective lighting.

**Note:** Wide Reflector is available ONLY for 4-foot, two (2) lamp and 8-foot, four (4) lamp GFF Series Light Fixtures. Specular reflectors are not needed for the GLF or GLFW Series Light Fixtures.



GFF - Basic Specular Reflector  
(Option B)



GFF - Wide Specular Reflector  
(Option W)



**IMPACT RESISTANT UV STABILIZED DIFFUSERS**

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

**GFF and GLF Acrylic Clear Ribbed Diffuser** is standard on all GFF Series Light Fixtures. The Basic Specular Reflector can be used with this Diffuser.

**GFF and GLF Acrylic Clear (Option Q) and Ribbed Frosted Diffuser (Option P)** is intended for use with the Basic and Wide Specular Reflectors.

**GFFW and GLFW Acrylic Clear Diffuser** is standard on all GFFW and GLFW Series Light Fixtures.

**Note:** Each end of the Acrylic Clear Diffuser is frosted to minimize untargeted light dispersion.

GFF and GLF  
Clear Acrylic  
Ribbed Diffuser  
(Standard  
with all GFFs)



GFF and GLF  
Acrylic Clear  
(Option Q) and  
Ribbed Frosted  
Diffuser (Option P)



GFFW and  
GLFW Acrylic  
Clear Diffuser  
(Standard with  
GFFW and GLFW)

**FIXTURE SUSPENSION SYSTEM KIT**

The Suspension Kit (P/N: GFF-FSSK) provides instant and "tool-less" infinite height adjustment when installing our light fixtures.

- Easily suspends light fixtures, 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.
- Maintenance-free and requires no ongoing adjustments.
- 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.
- 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.); two (2) cables: 124 lbs. (56.2 kg.)
- Warranty - one (1) year.
- 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 ensure positive attachment. Steel Hook Inside Diameter: 0.5 inches.
  - Two (2) tool-less suspension cable adjustment blocks.



Suspension System Kit  
(P/N: GFF-FSSK)

**FIXTURE MOUNTING HARDWARE**

Fixture Mounting Hardware eliminates drilling through the fixture housing to maintain the IP66/IP67 "wet" location ingress protection rating.

- **The GFF and GLF Fixture Mounting Hardware (Option M or P/N: GFF-MH)** includes two (2) "snap-on" mounting brackets that attach to the outside edge of the fixture housing. The mounting brackets are suitable for ceiling or wall mount applications but can also be used with chain or cable mounting applications when using the S-Hooks.
- **The GFFW and GLFW Hanging Hardware (Option V or P/N: W-VHOOK)** uses two (2) V-Hooks that are used for chain or cable mounting applications to expedite fixture installation.

**Installation Notice:** We recommend the purchase and use of the Fixture Mounting Hardware when installing a GFF or GLF 2-foot, 4-foot or 8-foot light fixture and the V-Hooks when installing a 4-foot GFFW or GLFW Series Light Fixture. Any light fixture that has been incorrectly installed by drilling, puncturing, piercing or any other means that will alter the integrity of the light fixture housing will void the warranty!



GFF and GLF  
Ceiling or Wall  
Mount Fixture  
Mounting  
Hardware  
(Option M)

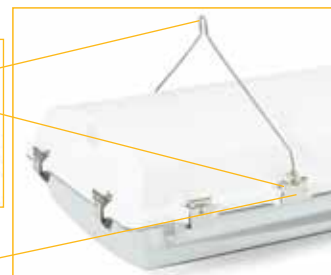
**S-Hook:** use for chain or cable hanging installations.

**Mounting Bracket:** use for ceiling and wall mount installations.



GFFW and GLFW  
Hanging Hardware  
(Option V)

Fixture Hanging  
Bracket



**V-Hooks:** attach to the GFFW and GLFW Fixture Hanging Bracket

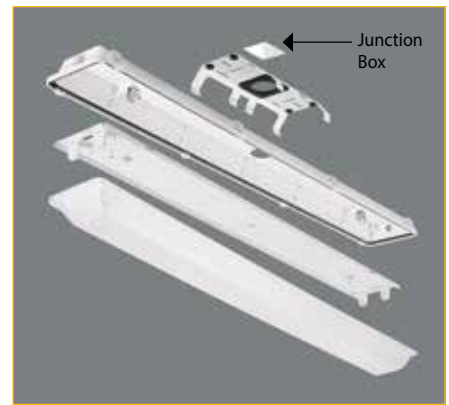
**SURFACE MOUNT BRACKET - "Y" OPTION**

The Surface Mount Bracket (SMB) provides the contractor with the ability to locate and install a 2-foot, 4-foot or 8-foot GFF or GLF Series Light Fixture directly under or over a junction box to surface mount the fixture to a ceiling or wall.

- The ability to wire the GFF or GLF Series fixtures directly under the junction box.
- Eliminates the cost and installation of a fixture whip and junction box cover plate.
- Reduces installation time and lowers labor cost.
- Providing a water and bug resistant seal that protects the critical area between the junction box's supply conductors and the light fixture. No adhesive sealant or gasket material is required.
- The finished installation of the light fixture is more pleasing to the building owner without a fixture whip running across the ceiling.
- The SMB in combination with the GFF or GLF Light Fixture maintains its UL Listing for "wet" location applications.
- Eight (8) slotted holes simplify and expedite installation.
- Compliant with 2014 National Electrical Code: Article 410.24(B).

**Note:** The Surface Mount Bracket is a "factory installed" option and IS NOT available for Sale as an Accessory or for field retrofit.

We will pre-drill a hole in the GFF or GLF Series Light Fixture housing at the designated "number" location shown in the following diagrams to facilitate pulling the supply conductors from the junction box and into the light fixture.

**SURFACE MOUNT BRACKET: 2-FT GFF OR GLF FIXTURE**

Option - Y  
Large Bracket

**SURFACE MOUNT BRACKET: 4-FT GFF OR GLF FIXTURE**

Option - Y1  
Large and Small Bracket



Option - Y2  
Large Bracket

**SURFACE MOUNT BRACKET: 8-FT GFF OR GLF FIXTURE**

Option - Y1  
Large and Small Bracket



Option - Y2  
Large and Small Bracket



Option - Y3  
Large and Small Brackets (2)

## SPECIFICATIONS

GFF, GLF, GFFW and GLFW Series Light Fixtures provide a degree of protection against the ingress of solid foreign objects (e.g., falling dirt), the ingress of water (e.g., hose directed water), protection against corrosion, and will be undamaged by the external formation of ice on the enclosure.

- UL Listed and approved for use in wet locations.
- LED Tubes are UL 1598C Classified.
- Meets the requirements of the 2014 National Electrical Code: Article 410.10(A).
- NEMA 4X and IP66/67 rated as a water resistant luminaire; protected against dust and strong jets of water.
- Meets the requirements of NSF ANSI Standard 2.\*
- Operating Voltage for Fluorescent: 120V - 277 VAC @ 60 Hz.
- Operating Voltage for LED: 110V - 277 VAC @ 60 Hz.

\*National Sanitation Foundation (NSF International) is a leader in product certification and standards development. The NSF mark (NSF) is your assurance that all GFF, GLF, GFFW and GLFW Series Light Fixtures have been tested and certified. This Standard establishes minimum food protection and sanitation requirements for the materials, design, fabrication, construction, and performance of the GFF, GLF, GFFW and GLFW Series Light Fixtures in the area of food handling and food processing equipment.

## SHIPPING WEIGHT (APPROXIMATE):

- 2-Foot GFF Series Light Fixture: 8 Lbs. (3.62kg)
- 4-Foot GFF Series Light Fixture: 13 Lbs. (4.98kg)
- 8-Foot GFF Series Light Fixture: 21 Lbs. (8.61kg)
- 4-Foot GFFW Series Light Fixture: 26 Lbs. (11.79kg)
- 4-Foot GLF Series Light Fixture: 11 Lbs. (5.44kg)
- 8-Foot GLF Series Light Fixture: 18 Lbs. (8.16kg)
- 4-Foot GLFW Series Light Fixture: 23 Lbs. (10.43kg)

**Note:** Bulk packaging is available for GFF and GLF Series Light Fixtures - Option Z (25 or 50 per skid). See photo to the right for an example of bulk packaging.



GFF and GLF Bulk Packaging (Option Z)

## RECOMMENDED LAMP TYPES

- T5 Lamps
- T8 Lamps
- T8 LED Lamps (17.2-watt equivalent to 32-watt fluorescent)

**Warning:** T8 HO and T8 VHO Lamps must not be used under any circumstances! You will damage the light fixture and void the warranty!

## BALLAST TYPE/MINIMUM STARTING TEMPERATURE:

Electronic T5 or T8 Class P Thermally Protected and CEE NEMA Premium Compliant:

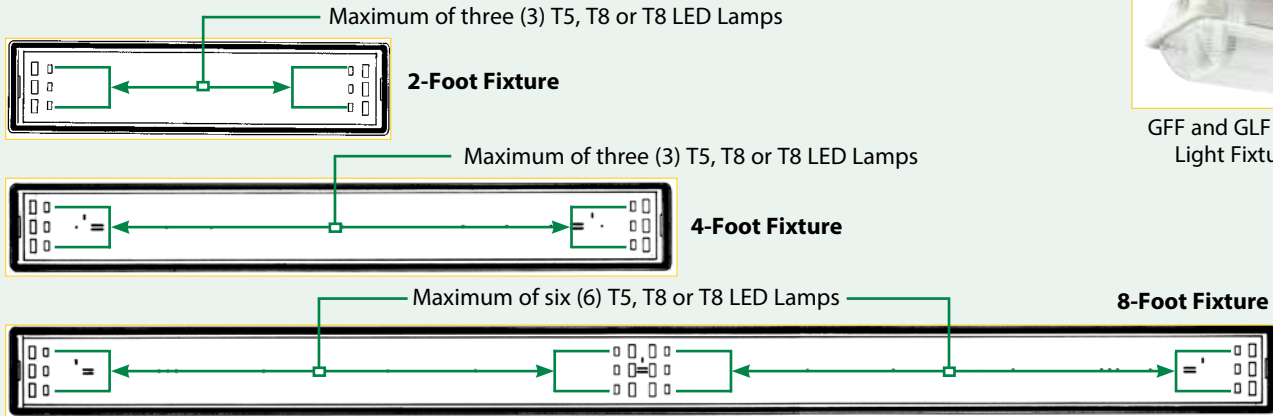
- T5 - High/Standard Output: -20°F / 29°C.
- T8 - Standard Output Ballast: 0°F / 18°C.
- T8 - High Ballast Factor (HBF): -20°F / 29°C.

**Note:** High Ballast Factor is a system operating a standard output lamp to a higher wattage and lumen performance within standard lamp design. High Output (HO) lamps operate with a higher current, thereby requiring ballasts to match the high output lamp designation and design.

## GLF AND GLFW LUMEN OUTPUT

- Color Rendering Index (CRI): >80
- Light Source: High power LEDs (±5%)
- Lumens: 4000K at 1717 Lm  
5700K at 1725 Lm
- Replaces T8 32-watt fluorescent lamp
- Temperature Limits: -20° to 50°C (-4° to 122°F)
- Dimmable: No
- Emitters: Up to 50,000+ hours
- Color Temperature: Cool White - 4000K (DLC)  
Daylight - 5700K

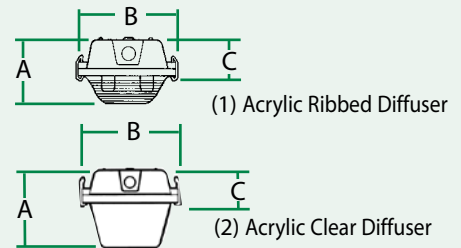
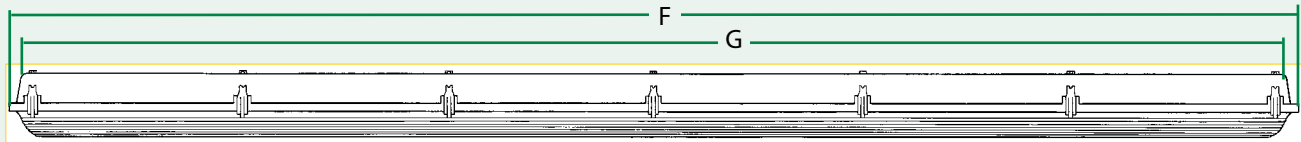
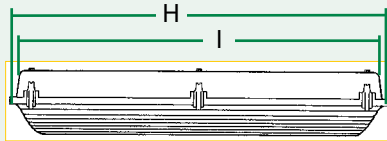
### GFF AND GLF SERIES LIGHT FIXTURES - LAMPS PER FIXTURE



GFF and GLF Series Light Fixtures

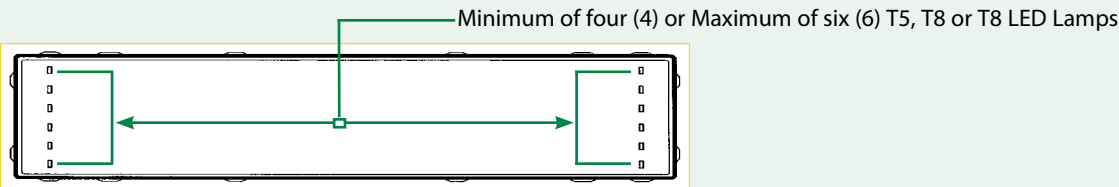
- Note:** 1. Top down view of 2-foot, 4-foot and 8-foot GFF and GLF Series Gear Tray.  
2. GLF Series Light Fixture is not available in 2-foot.  
3. The GFF Series 8-foot Light Fixture will not accommodate 8-foot T8 lamps.

| A                     | B      | C     | D     | E     | F    | G     | H     | I     |
|-----------------------|--------|-------|-------|-------|------|-------|-------|-------|
| 4.25" (1) / 5.75" (2) | 6.812" | 2.44" | 49.7" | 51.7" | 100" | 98.0" | 27.7" | 25.7" |



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

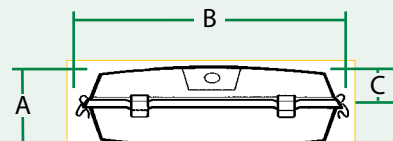
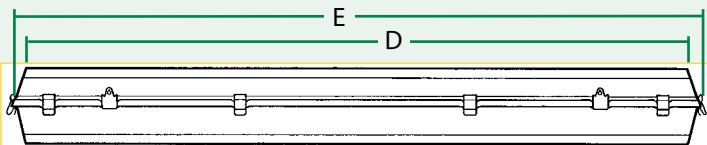
### GFFW AND GLFW SERIES LIGHT FIXTURE - LAMPS PER FIXTURE



GFFW and GLFW Series Light Fixtures

**Note:** Top down view of 4-foot GFFW and GLFW Series Gear Tray.

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



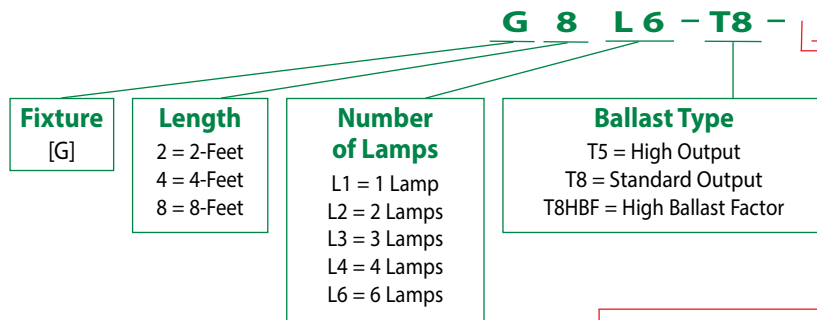
**Note:** Dimension "E" references the 1/2" trade size knockouts on each end of the light fixture.

## GFF SERIES - ORDERING INFORMATION EXAMPLE FOR FLUORESCENT LAMPS

**Note:** GFF Series Light Fixtures do not include T5 or T8 lamps!



GFF Series Light Fixture



## GFF Fixture Options

- A. 6-Foot Power Cord (PSS6)
- B. Basic Specular Reflector (can be used with either the Acrylic Ribbed or Clear Diffuser)
- C. Acetal (Plastic) Latches (See Note 2)
- E. Emergency Battery Back-up Ballast (See Note 3)
- F. One (1) 1/2" Water Resistant Hub (See Note 8) (required for Pendant Mounting a 2-foot or 4-foot fixture)
- G. Two (2) 1/2" Water Resistant Hubs (See Note 8) (required for Pendant Mounting an 8-foot fixture)
- H. One (1) 3/4" Water Resistant Hub (See Note 8) (required for Pendant Mounting a 2-foot or 4-foot fixture)
- I. Two (2) 3/4" Water Resistant Hubs (See Note 8) (required for Pendant Mounting an 8-foot fixture)
- K. 3-Port Luminaire Disconnect (required when a second ballast is installed)
- L. 2-Port Luminaire Disconnect (included on all GFF Series Fixtures)
- M. Fixture Mounting Hardware for Ceiling and Wall Mount Applications (two (2) per package)
- O. Wire Lamp Guard (See Note 6)
- P. Ribbed Frosted Diffuser (**Note:** Can be used for fluorescent and LED lamps.)
- Q. Clear Diffuser (**Note:** The Acrylic Ribbed Diffuser is standard with all GFF Series Fixtures unless otherwise specified. Not available for the 2-foot GFF Light Fixture)
- R1. Occupancy Sensor (for dry locations)
- R2. Occupancy Sensor (for dry/cold locations)
- R3. Occupancy Sensor (for wet locations)
- S. Stainless Steel Latches
- T. Tamper Resistant Screws
- W. Wide Specular Reflector (See Notes 4 and 5)
- Y. Surface Mount Bracket (See Note 7)
- Z. Bulk Packaging (25 or 50 per skid)

The GFF Fixture can be built to your specifications by adding the respective item numbers.

**Note:**

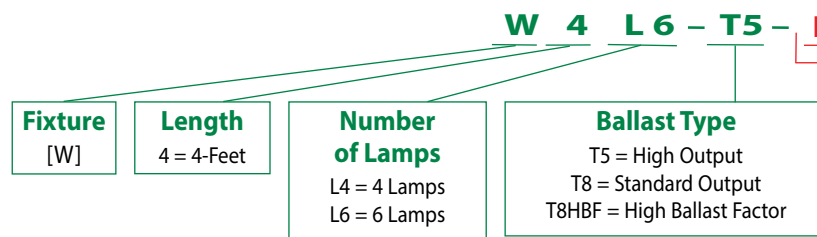
- When entering Bulk orders, do not include Mounting Hardware or Tamper Resistant Screws in your part numbering scheme.
- Acetal (Plastic) Latches ARE NOT recommended for the following applications:
  - Swimming Pools because of the chlorine.
  - Food Processing because of the cleaning chemicals.
  - Car Washes because of the chemicals used.
  - Agriculture because of the ammonia.
- Two (2) lamps is the maximum lamp configuration when specifying a T5 2-foot light fixture with an Emergency Battery Back-up Ballast.
- The Wide Reflector for T5 and T8 lamps can only be used with two (2) lamp 4-foot GFF Fixtures or four (4) lamp 8-foot GFF Fixtures.
- The Wide Reflector can only be used in conjunction with the Acrylic Clear Diffuser (Option Q). The Standard Acrylic Ribbed Diffuser will not fit! The Wide Reflector WILL NOT fit a 2-foot GFF Light Fixture.
- When your part number includes the Wire Lamp Guard:
  - The Acrylic Diffuser is not included with the light fixture.
  - UL listing changes from a "wet" location to a "damp" location light fixture.
- When adding the Surface Mounting Bracket (SMB - Y Option) to your part number, we will pre-drill a hole in the fixture housing at the designated "number" location shown in the diagrams, on page 10, to facilitate pulling the supply conductors from the junction box and into the light fixture. When specifying the Y Option for the 2-foot GFF Light Fixture, there is no designated "number" location. Just include the Y Option as part of your 2-foot light fixture order configuration.
- When adding the Water Resistant Hubs the UL listing changes from a "wet" location to a "damp" location light fixture.

## GFFW SERIES - ORDERING INFORMATION EXAMPLE FOR FLUORESCENT LAMPS

**Note:** GFFW Series Light Fixtures do not include T5 or T8 lamps!



GFFW Series Light Fixture



## GFFW Fixture Options

- A. 6-Foot Power Cord (PSS6)
- E. Emergency Battery Back-up Ballast
- G. Two (2) 1/2" Water Resistant Hubs (See Note 3)
- I. Two (2) 3/4" Water Resistant Hubs (See Note 3)
- L. Luminaire Disconnect (included on all GFFW Series Fixtures)
- M. Fixture Mounting Hardware for Ceiling and Wall Mount Applications (two (2) per package)
- N. Specular Reflector
- O. Wire Lamp Guard (See Note 2)
- R1. Occupancy Sensor (for dry locations)
- R2. Occupancy Sensor (for dry/cold locations)
- R3. Occupancy Sensor (for wet locations)
- T. Tamper Resistant Screws
- V. V-Hooks for Chain (two (2) per Package)
- X. Two (2) Circuit Fixture

The GFFW Fixture can be built to your specifications by adding the respective item numbers.

**Note:**

- Six (6) GFFW Fixtures is the minimum order quantity. We will not ship any GFFW Fixtures that do not meet the minimum order quantity requirement!
- When your part number includes the Wire Lamp Guard:
  - The Acrylic Diffuser is not included with the light fixture.
  - UL listing changes from a "wet" location to a "damp" location light fixture.
- When adding the Water Resistant Hubs the UL listing changes from a "wet" location to a "damp" location light fixture.

### **GFF, GLF, GFFW and GLFW Limited Warranty**

Engineered Products Company (herein known as EPCO) warrants that it will repair, replace or refund, at EPCO's sole option, any GFF, GLF, GFFW, or GLFW Series Light Fixture that is defective in materials or workmanship for a period of one (1) year from the date of original purchase. This warranty only applies to the original purchaser/installation and is not transferable.

#### **This warranty does not apply to any of the following:**

- Any GFF, GLF, GFFW or GLFW Series Light Fixture that has been incorrectly installed by drilling holes, puncturing, piercing or any other means that will alter the integrity of the fixture housing.
- Product damage as determined by EPCO to be caused by a crash, impact, or obvious signs of abuse to the GFF, GLF, GFFW or GLFW Series Light Fixture.
- Damage resulting from use of the GFF, GLF, GFFW or GLFW Series Light Fixture in what EPCO, at its sole discretion, considers extreme applications.
- Damage caused by the use of parts, components, and/or other equipment(s) that is not compatible, suitable, and/or authorized by EPCO for use with the GFF, GLF, GFFW or GLFW Series Light Fixture.
- No charge-backs for any labor required to remove, re-install, or re-power the GFF, GLF, GFFW or GLFW Series Light Fixture.
- **Note:** The Chemical Resistance of Plastics Chart (posted on EPCO's web site) provides an overview of those chemical compounds where these light fixtures should not be installed.

The Ballast and the T8 LED Lamp Warranty is five (5) years and is limited to the original installation only. Contact the ballast manufacturer directly for more specific information on their warranty policy and procedures.



EPCO GFF, GLF, GFFW and GLFW Series Light Fixtures are Made in the USA. Complies with the American Recovery and Reinvestment Act - Buy American Provision.