



# ENGINEERED PRODUCTS CO.

LIGHTING PRODUCTS

5401 Smetana Drive • Minnetonka, MN 55343  
P 952.767.8780 / 800.336.1976 • F 952.767.8786 / 800.336.2801

Visit our Web Site at [engproducts.com](http://engproducts.com)

G  
F  
F  
S  
E  
E  
R  
I  
E  
S  
TM

Product Data Sheet



Typical applications that require a versatile UL listed, "wet" location lighting fixture where high-pressure washdown is required includes but is not limited to:

- Food processing facilities
- Commercial kitchens
- Industrial facilities
- Pedestrian and road tunnels
- Laundries
- Saunas
- Elevator shafts
- Storage buildings
- Car washes
- Refrigerators and Freezers
- And more ...

## How do the GFF Series Fluorescent Fixtures Save Money and Energy?

The Building Owner can take advantage of:

- Rebates from their local electrical utility (where applicable).
- The financial opportunity to receive a EPAct Tax\* Deduction of \$0.60 cents per square foot for installing energy efficient commercial lighting.
- Upgrading from incandescent lighting, metal halide or high pressure sodium lighting fixtures to improved fluorescent lighting technologies where energy savings are substantial.
- GFF Series Fluorescent Fixtures that are 95% more efficient than metal halide or high pressure sodium fixtures that typically have fixture efficiencies in the mid-60's range.
- Improved lamp technologies that are resulting in compelling economic paybacks for the GFF Series Fluorescent Fixtures. The typical return on the initial investment averages less than two years.
- A 75% reduction in heat (compared to metal halide, high pressure sodium or incandescent lamps) to help reduce energy costs associated with commercial cooling.

## Benefits

- Provides the Building Owner and Maintenance Contractor with reliable, durable, maintenance free performance!
- Certified and tested by NSF International, ANSI Standard 2.†
- Ingress Protection Rating - NEMA 6P and IP67; dust and moisture resistant enclosure; suitable for use in wet locations where high-pressure wash-down is required.
- Labor savings! No drilling through the fixture housing is required to install. Reduces installation time, saves labor and maintains the IP67 Rating.
- UV stabilized impact resistant acrylic diffuser is compression fitted to the fixture housing. No tools or fasteners are required to attach the diffuser.
- Optional Mounting Hardware expedites surface mount, chain or cable hanging applications.
- All GFF Series Fluorescent Lighting Fixture orders are shipped on time!

\* EPAct 2005 - the Commercial Building Tax Deduction Program. The Energy Efficient Commercial Buildings Deduction is detailed in Section 1331 of the 2005 Energy Policy Act. This deduction is a special financial incentive for building owners to adopt the most energy-efficient lighting strategies. In addition, this deduction offers an accelerated tax deduction equal to the complete cost of installing "energy-efficient lighting" in a commercial building, capped at \$.60/sq.ft.

EPCO's domestically manufactured GFF Series Lighting Fixtures™ accommodate both T5 and T8 lamps, both rated for long life, energy efficiency, and more uniform lumen distribution. For low or high ceiling applications, the highly reflective coated finish of the GFF lighting fixture's gear tray surface translates into improved lumen utility by providing more usable lumens per watt.

### Features

- UL Listed for use in wet locations. File #E319552.
- Suitable for indoor or outdoor use.
- Tethered gear tray simplifies installation, power-to-ballast termination, and allows for easy ballast replacement.
- Domestic Ballast Manufacturer.
- Designed for use with T5 or T8 lamps that provide long-term energy savings.
- Impact resistant acrylic lineal ribbed diffuser withstands breakage from high power pressure washers; lowers replacement and maintenance costs.
- Continuous "poured-in-place" closed cell polyurethane gasket completely seals the fixture from dust and moisture.
- Solid reinforced polyester fixture housing provides strong rigidity with no deflection.
- Captive Polycarbonate or Stainless Steel Cam Latches.
- Available in 4-Foot and 8-Foot lengths.
- 1/2" trade size knockouts accommodate standard conduit fittings.
- Luminaire disconnect and ground wire standard on all fixtures.

### Latch Options

Two cam-type latch options accommodate a variety of application environments. Polycarbonate latches resist airborne particles; stainless steel latches are ideal for food processing facilities, withstand extreme temperatures for freezer applications, and are impervious to acidic conditions, making them suitable for livestock containment buildings.



**Polycarbonate**



**Tamper Resistant Screws**

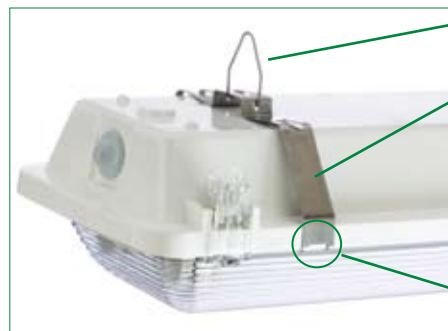


**Stainless Steel**

### Fixture Mounting Hardware



Using the two (2) optional snap-on Stainless Steel Mounting Brackets eliminates drilling through the fixture housing to install the GFF Series Lighting Fixture. Reduces installation time and saves labor.



Mounting Bracket snaps onto the underside of the fixture housing.

**Bail Hanger** – use for chain or cable hanging installations.

**Mounting Bracket** – use for surface mounting installations.



Continuous "poured-in-place" closed cell polyurethane gasket seals the GFF Series Lighting Fixture from dust and moisture and provides protection from -40°C to 80°C.



## UV Stabilized Impact Resistant Diffusers

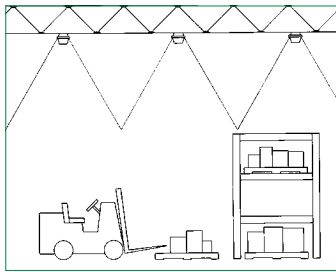
Two Diffuser options are available. No tools or fasteners are required to attach either Diffuser to the fixture housing.

- Acrylic Ribbed Diffuser.** Standard on all GFF Series Lighting Fixtures. The Basic Specular Reflector can be used with this Diffuser.
- Acrylic Clear Diffuser.** Intended for use with the Basic and Wide Specular Reflectors. Both ends of the diffuser are frosted to minimize untargeted light dispersion.

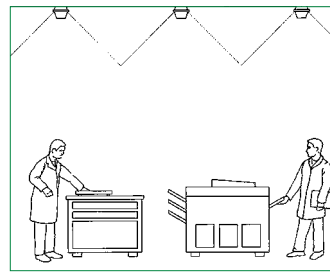


## Basic and Wide Specular Reflectors

- Both reflectors provide 95% reflectivity to enhance energy efficiency for more effective lighting.
- Delivers the highest light levels at the lowest watts per square foot.
- Enables the lamps to perform to maximum efficiency.
- The Basic Reflector concentrates light to specific work areas and provides more uniform illumination.
- The Wide Reflector provides a broader dispersion of light at both higher and lower mounting levels.



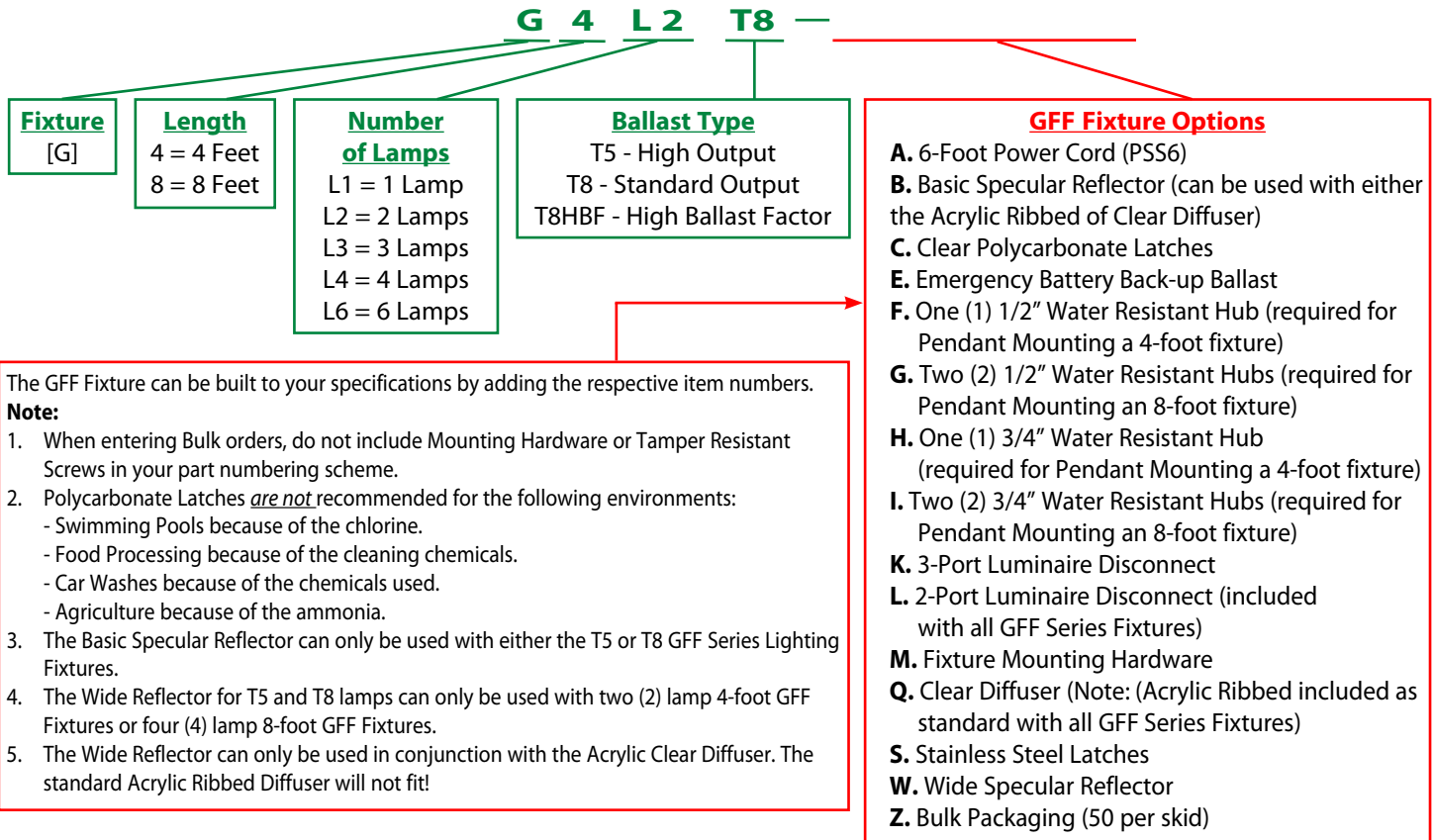
Basic Specular Reflector



Wide Specular Reflector

## Ordering Information Example

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



**Other GFF Series Lighting Fixtures configurations are available upon request! Contact your Sales Representative or EPCO Inside Sales for more specific information.**

## Specifications

- UL Listed and approved for use in wet locations.
- Meets the requirements of the 2008 NEC, Article 410.10 (A) and (B).
- \* NEMA 6P and IP67 rated as a water resistant luminaire; protected against dust and strong jets of water.
- Meets the requirements of NSF ANSI Standard 2.
- Universal Operating voltage: 120/277V @ 60 Hz.
- Shipping Weight (approximate): 4-Foot GFF Light Fixture: 11 lbs. (4.98 kg); 8-Foot GFF Light Fixture: 19 lbs. (8.61 kg).

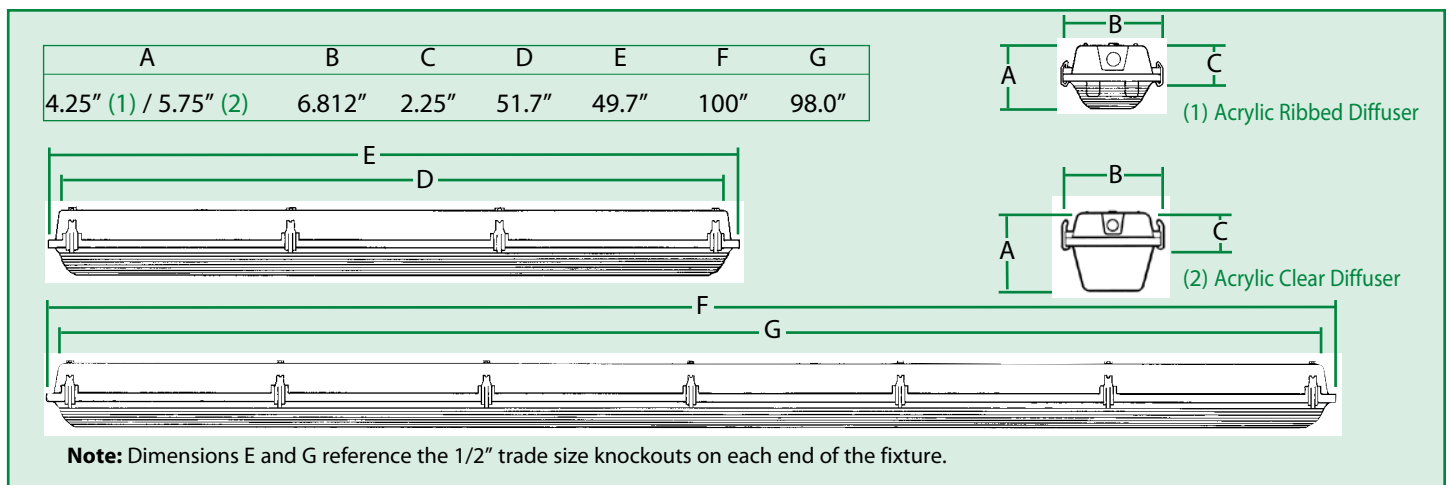
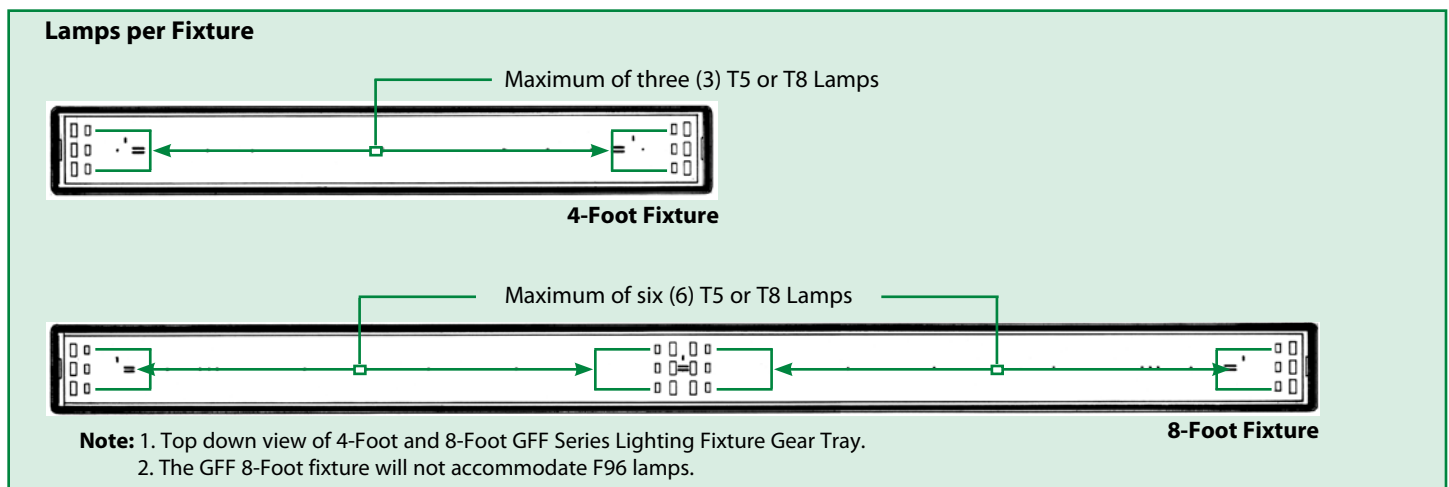
\* **Note:** The GFF Series Lighting Fixtures are manufactured for either indoor or outdoor use and provides a degree of protection against the ingress of solid foreign objects (falling dirt), the ingress of water (i.e., hose directed water and the entry of water during prolonged submersion at a limited depth), protection against corrosion and will be undamaged by the external formation of ice on the enclosure.

## Recommended Lamp Types and Wattage Size

- T5 Lamps: For high output (HO) T5 F54 lamps only. Standard output T5 lamps cannot be used with this fixture.
- T8 Lamps: For standard output T8 F32 lamps only. T8 High output (HO) lamps cannot be used with this fixture.

**Warning:** VHO Lamps must never be used under any circumstances or you will damage the GFF Series Lighting Fixture.

† NSF International is also recognized as the National Sanitation Foundation, a leader in product certification and standards development. The NSF mark (NSF) is your assurance that all GFF Series Lighting Fixtures have been tested and certified by one of the most respected independent certification companies in existence today. Products evaluated and certified by NSF International include bottled water, food equipment, home water treatment products, home appliances, plumbing and faucets, and even pool and spa components.



## Warranty

Warranty Engineered Products Company warrants that the GFF Series Lighting Fixtures sold and delivered to the Buyer shall be free from defects in quality, workmanship and material under normal use from the date of delivery for a period of one (1) year. The ballast warranty is five (5) years and is limited to the original or first end-user purchaser only. Contact the ballast manufacturer directly for more specific information.

**Engineered Products Company • 5401 Smetana Drive • Minnetonka, MN 55343**  
**P 952.767.8780 / 800.336.1976 • F 952.767.8786 / 800.336.2801**

© 2010 Engineered Products Company. All Rights Reserved. GFF Series Lighting Fixtures are a trademark of Engineered Products Company.



Made in the USA

E02-070-001 A1 (12/09 - AGIII)