Linear Vapor Tight Light Fixtures

Product Data Sheet

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.

T8 LED Linear Light Fixture
(LED Lamps Not Included)



Intertek
IP67 Certified
IP66 Certified
IP65 Certified



T8 Linear Light Fixture
(Fluorescent Lamps Not Included)

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.
- 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.
- 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	
Lamps (not included)	Accommodates T5 or T8 LED Lamps, or T5HO or T8 Fluorescent Lamps
Dimensional Information	See Page 4
Ship Weight (Approximate)	**2-Foot:** 8 lbs. | **4-Foot:** 13 lbs. | **8-Foot:** 21 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: • T5HO — High Output*: -20ºF (-28ºC) • T8 — Standard Output Ballast: 0ºF (-17ºC) • T8 — High Ballast Factor (HBF)**: -20ºF (-28ºC) ***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.*
Diffuser	**LED Lamps:** Clear Ribbed | **Fluorescent Lamps:** Frosted Ribbed
Industry Certifications	ETL Listed
Ingress Protection Rating	IP65, IP66, and IP67
Warranty	1 Year

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

Light Fixture
G = Narrow Body

Example Part Number
G4L2-T8LED-ACMP1

Custom Options
See Page 3

Length
2 = 2-Feet | **4** = 4-Feet | **8** = 8-Feet

Lamps
L1 = 4-FT, 1 Lamp | **L2** = 4-FT, 2 Lamps
L3 = 4-FT, 3 Lamps | **L4** = 8-FT, 4 Lamps
L6 = 8-FT, 6 Lamps

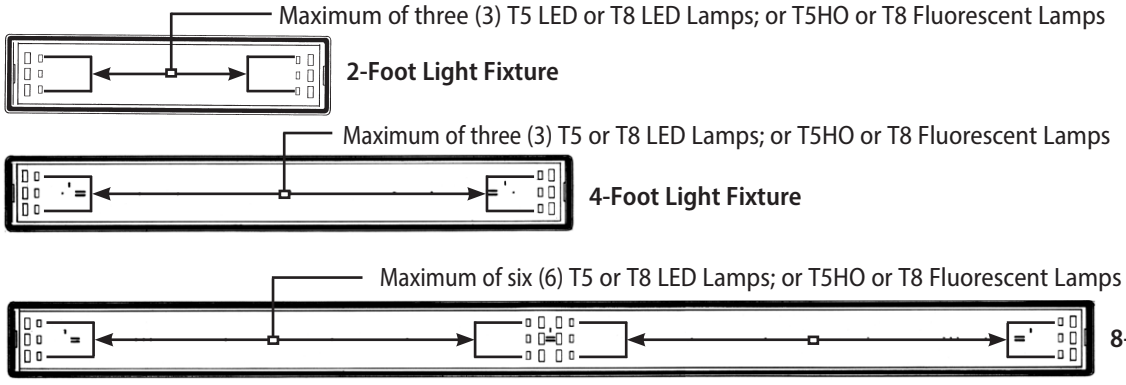
Lamp Type
T5LED = Lamp
T8LED = Lamp
T5HO = Fluorescent
T8 = Fluorescent
T8HBF = Fluorescent (High Ballast Factor)**
***High Ballast Factor (ballast) can operate a standard T8 Fluorescent Lamp to perform at a higher wattage thereby improving lumen performance in cold weather environments.*



Tamper Resistant Screw Options
For Acetal Latches P/N: GFF-TPS-C
For Stainless Steel Latches P/N: GFF-TPS-S

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

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



Twist Lock Power Cord
(Options A1 and A2)



Acetal (Plastic) Latches
(Option C)



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



Ceiling and Wall Mount
Stainless Steel Mounting
Hardware (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)

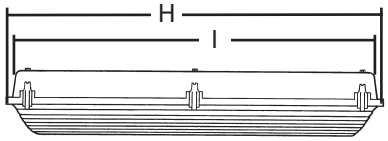


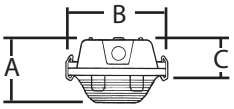
Suspension Kit
(P/N: GFF-FSSK)

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	Not 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 for all T5 LED and T8 LED Lamped Light Fixtures. Available option for Fluorescent Lamp Light Fixtures.
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: ■ **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 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 fixture. No adhesive sealant or gasket material is required. EPCO will pre-drill a hole in the fixture housing at designated locations to facilitate pulling the supply conductors from the junction box and into the fixture housing.
Z. Bulk Packaging	25 or 50 per skid (eliminates individual carton packaging on the job site).

Linear Vapor Tight Light Fixture — Dimensions and Weight

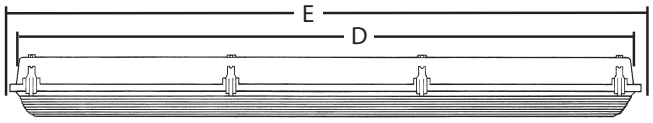
A	B	C	D	E	F	G	H	I
4.25"	6.812"	2.44"	49.7"	51.7"	100"	98.0"	27.7"	25.7"



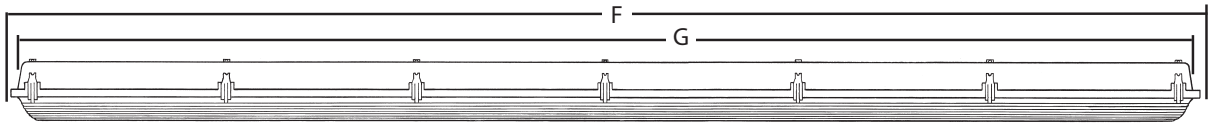


Clear or Frosted Diffuser

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.

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T8 LED Linear Light Fixture
(LED Lamps Not Included)



Intertek
IP67 Certified
IP66 Certified
IP65 Certified



T8 Linear Light Fixture
(Fluorescent Lamps Not Included)

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.
- 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.
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- 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	
Lamps (not included)	Accommodates T5 or T8 LED Lamps, or T5HO or T8 Fluorescent Lamps
Dimensional Information	See Page 4
Ship Weight (Approximate)	**2-Foot:** 8 lbs. | **4-Foot:** 13 lbs. | **8-Foot:** 21 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: • T5HO — High Output*: -20ºF (-28ºC) • T8 — Standard Output Ballast: 0ºF (-17ºC) • T8 — High Ballast Factor (HBF)**: -20ºF (-28ºC) ***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.*
Diffuser	**LED Lamps:** Clear Ribbed | **Fluorescent Lamps:** Frosted Ribbed
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Warranty	1 Year

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

Light Fixture
G = Narrow Body

Example Part Number
G4L2-T8LED-ACMP1

Custom Options
See Page 3

Length
2 = 2-Feet | **4** = 4-Feet | **8** = 8-Feet

Lamps
L1 = 4-FT, 1 Lamp | **L2** = 4-FT, 2 Lamps
L3 = 4-FT, 3 Lamps | **L4** = 8-FT, 4 Lamps
L6 = 8-FT, 6 Lamps

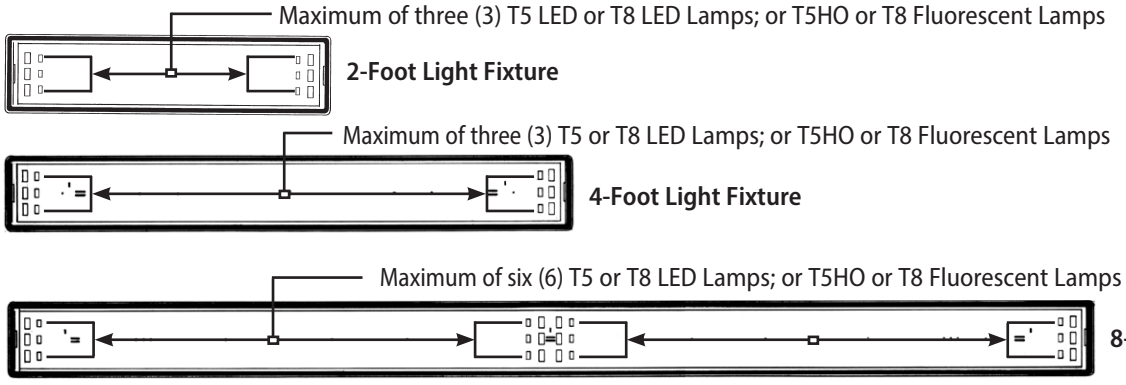
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For Acetal Latches P/N: GFF-TPS-C
For Stainless Steel Latches P/N: GFF-TPS-S

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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



Twist Lock Power Cord
(Options A1 and A2)



Acetal (Plastic) Latches
(Option C)



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



Ceiling and Wall Mount
Stainless Steel Mounting
Hardware (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)

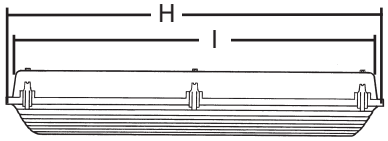


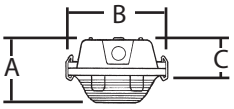
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Light Fixture Options	
Option	**Notes**
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Linear Vapor Tight Light Fixture — Dimensions and Weight

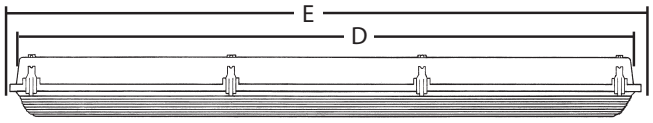
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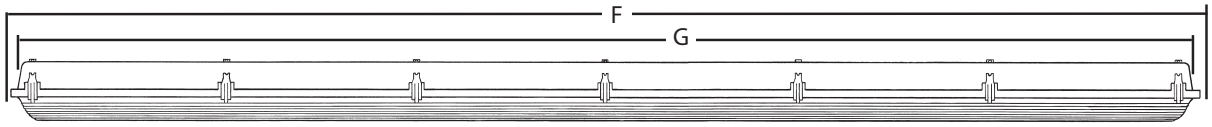


Clear or Frosted Diffuser

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.

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