

Fluorescent Parking Garage Fixture (PGF)



Marketing Positioning Statement

The PGF Fluorescent Parking Garage Fixture has a minimum profile design which provides maximum efficiency lighting for garage environments. Utilizing a reinforced-polyester fiberglass housing and optional vandal resistant features, this design withstands the most demanding environments. Achieves a 40-50% energy savings over traditional metal halide light sources.

Leading Selling Features

- ▣ Low Total Cost of Ownership – Quick Payback
- ▣ Outstanding Uniformity & Visual Comfort
- ▣ Leading Selection of Light Output Options
- ▣ Unparalleled Speed & Ease of Installation
- ▣ Exceptional Reliability in a Fluorescent Parking Fixture



Low Total Cost of Ownership – Quick Payback

Annual Energy & Maintenance Savings

\$16,113 savings for (100) PGF T-8 3lamp fixtures replacing (100) 175W MH
Based upon 24 hour operation at \$.10kWh

Payback Analysis

ROI of .93 year for above example

Outstanding Uniformity & Visual Comfort

Lumen Output

Lumen output of 7117 utilizing (3) F32T8 5000k lamps with standard ballast
Other outputs available based on usage of alternate T5 & T8 lamps/ballasts
Provides a wide choice for customer's specific requirements
Meets IES RP20 with required mounting height/fixture spacing

Reflector

High performance, die-formed highly specular aluminum
95% reflective, mirror-like material
Provides highest possible efficiency with up to 14° uplight to reduce "cave" effect

Leading Selection of Light Output Options

Lamps/lampholders

1, 2 or 3 lamp T5 or T8 options
Lamps are secured with rotary locking lamp sockets for secure lamp connection throughout life
Recommended lamps can have a rated life of up to 42,000 hours based on 12 hours of operation per start
Instant-on capability



2 Lamp

Multiple Distribution Patterns

1 lamp broad distribution pattern
2 lamp broadest distribution pattern
3 lamp highest intensity distribution pattern to provide maximum lumen output in main parking areas
Provides uplight to reduce "cave" effect in parking facilities



3 Lamp

Color Rendering Index

Typically ranges from 70-85
Various CRI's available depending on lamp selection
Provides improved color recognition and visibility over traditional sources such as MH

Color Temperatures

Variety of color temperature lamps available to meet customer requirements
4100k to 5000k range typically recommended

Temperature Range

-20°C to 35°C (-4°F to 95°F)
Suitable for use in a full range of ambient temperatures.
Fixture performance is maximized when temperatures remain within this range

Ballasts PGF fixtures utilize a wide variety of ballasting options for specific customer requirements such as high output, rapid start and high power factor
All ballasts are energy saving solid-state electronic
Optional dimming ballasts available

Input Voltage 120V thru 277V are standard in U.S. markets - 347V and 480V also available
Compatible voltage solutions for domestic and international requirements

Electrical UL/CUL listed
Compliant with certification organizations



Unparalleled Speed & Ease of Installation

Mounting Offers three standard mounting solutions for your specific parking structure requirement
Direct surface mount, optional pendant mount or mounting via cables or chains
Pre-wired whips help reduce overall installation time by eliminating the need to open fixture
40% installation savings compared to competitive product offerings
Ballast tray snaps in for easy, hands free ballast access and is retained by a safety tether



Optional Heavy-Duty Mounting Bracket

Adjustment feature Optional slotted mounting brackets for extra stability and accuracy in fixture row installation



Pre-Wired Whip

Maintenance-free Once installed, the PGF is virtually maintenance free

Exceptional Reliability in a Fluorescent Parking Fixture

Linear Vaportight Design Linear (4') minimum profile design
Adapts well to the aesthetics of low-ceiling parking garages
Designed to provide maximum efficiency lighting for garage environments
High illumination design with wash down capability.

Housing/Diffuser UV-Stabilized High-Impact Resistant, Reinforced-Polyester Fiberglass Housing
Highly durable, lightweight and non-corrosive
Optional shatter-resistant high-impact rugged 50% DR acrylic diffuser
Diffuser secured to housing via 6 locking latches uniquely designed for this fixture
Lampholder pan is code-gauge, die-formed steel
DR Acrylic is heat resistant and has 10 times the impact resistance of standard acrylic to withstand the most demanding environments

Pressure Stabilizing Vent/Breather

Pressure equalizer in fixture optical unit preventing pressure buildup due to ambient temperature changes, protecting gaskets and seals over the life of the fixture

Gasketing

Non toxic, fire-retardant, uniform width and thickness
Provides tight and secure seal between housing and diffuser
Closed-cell neoprene gasketing for continuous seal of housing and lens

Finish

LSI's DuraGrip® polyester powder coat resists corrosion and is scratch and ding resistant
All metal parts treated with phosphate rust inhibitor prior to painting
Interior housing reflective surfaces are finished with a white, high reflectance (minimum 92%) polyester powder
Finish extends life of fixture

Long-life

Up to 42,000 hours of expected life
Over twice the lamp life of MH systems
Equal to or exceeds expected life of competitive fluorescent parking garage fixtures.

Protection

IP65 rated on entire fixture with total dust ingress protection, protection from low pressure jets of water, with limited water ingress permitted
Uniform, continuous seal of housing and diffuser via additional latches prevents entry of dust, moisture and insects

IP65

Warranty

2-year limited warranty

Multiple Options

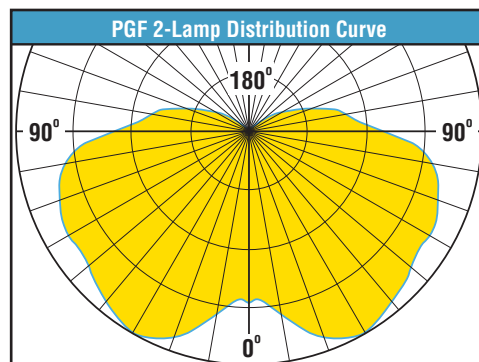
Occupancy sensor available to further control energy costs*
Occupancy sensor – damp location*
Damp location emergency pack*
Stainless steel latches
Tamper resistant latches & screws
Optional heavy duty steel mounting brackets, jack chains or cables
Fusing option eliminates the potential for multiple fixture damage in the event of current surge*



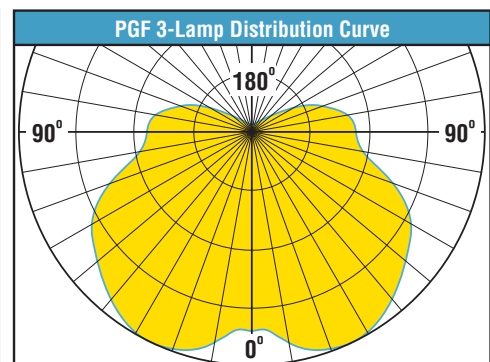
Shown with stainless steel latches

*Not available in 3 lamp version

Recommended Applications



Narrow to Wide spacings
Low to High Mtg. Hts.



Narrow to Wide spacings
Low to High Mtg. Hts. - Entrance Areas



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