



**G. S. I. Inc.**

*Manufacturer & Distributor of Aerospace Lighting*

**Godfrey Systems International, Inc.**

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## PORTABLE GLIDE PATH INDICATOR

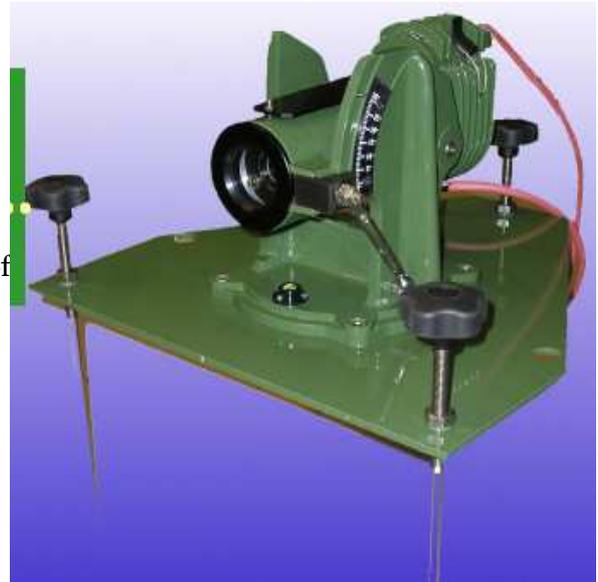
### Compliance:

NATO Stanag 1236

### Applications:

The Portable Lighting System is designed to provide visual landing aids during severe operational conditions of aircraft and helicopter without the use of on-ground equipment.

The system is composed by portable lights, to be used as perimeter or approach lights, and a Portable Glide Path Indicator (PGPI).



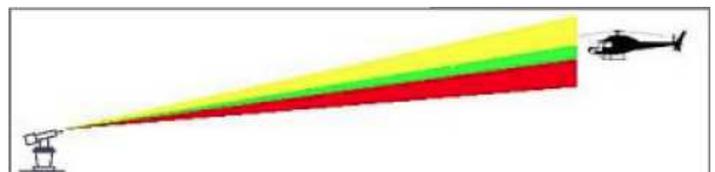
The PGPI (compliant to the NATO STANAG 1236) is a 3 colored beam (red, green, amber) that is a standard for military ground and naval operation.

Usually it is positioned in the direction of landing, opposite to the aircraft arrival, and it is adjusted to have a vertical beam angle depending on obstructions or operational requirements.

The PGPI is composed of a projector (12° horizontal beam, 5° red, 2° green, 5° amber vertical beam, 30° azimuth adjustment) installed on a 3 legged platform to allow easy and fast positioning of the beam. It is powered through a rechargeable battery. The PGPI is supplied in a IP67 plastic box to facilitate transport operations.

### Photometric Characteristics:

- Horizontal Beam: 28°.
- In NVG Mode: Upper Sector 1Hz, Central Sector Fixed, Lower Sector 3Hz.
- Intensity: 260 cd Yellow, 150 cd Green, 100 cd Red.      ■ Elevation Angle: From 0° to 30°.
- Visibility: More than 10 km (VMC).      ■ Vertical Beam: 5° Yellow, 2° Green, 5° Red.



## How To Use:

- Install and fix the projector on the platform.
- Install the 3 legs on the platform.
- Position the system on the ground and set the ZERO position acting on the 3 legs through the spirit device.
- Tight the nuts on the legs as to strengthen the platform.
- Set the azimuth angle of the PGPI acting on the lateral adjustment and visual indication depending on the obstacles or the operational requirements. Tighten the lateral adjustment at the end.
- Connect the PGPI to the battery box.
- If necessary fix the system to the ground using the lateral holes on the platform.

### PACKAGING DATA

PGPI Container : 65x50x24 cm  
Weight: 17kg

Battery: 42x26x25 cm  
Weight: 14 kg

## Technical Characteristics:

- Light alloy body, with inhibiting and polyurethanic painting with polyester primer (green RAL 6003).
- Stainless steel platform, with inhibiting and polyurethanic painting with polyester primer (green RAL 6003).
- Optic: 50 mm, 1:3,2.
- Xenon Lamp: 12 V - 35W.
- Input Voltage: 12V, rechargeable battery.
- Autonomy over 4 hours with a 12V-43Ah battery.
- Watertight Enclosure: IP55 (complying to IEC 529).
- Weight: PGPI 5 kg.; battery 14 kg.; GPI box 17 kg.
- Fiberglass reinforced box.



**Sold & Serviced in the United States & Canada by G. S. I. Inc.**

**Website: [www.gsilight.com](http://www.gsilight.com)**

### Manufactured by:

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