



G. S. I. Inc.

Manufacturer & Distributor of Aerospace Lighting

Godfrey Systems International, Inc.

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LED ELEVATED TAXIWAY EDGE LIGHT

Compliance:

FAA L861T, AC 150/5345-46,
ICAO Annex 14, Transport Canada CTP31ZE

Applications:

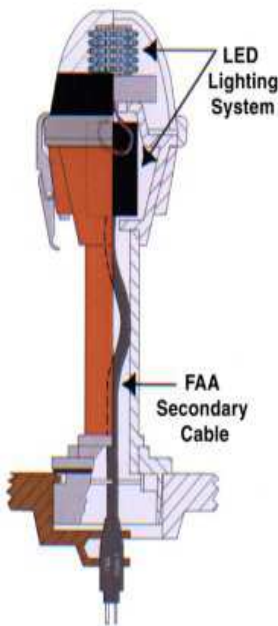
Medium intensity constant current elevated taxiway edge lights mark the outlines of taxiways (GSI-LED-861-T).



Features:

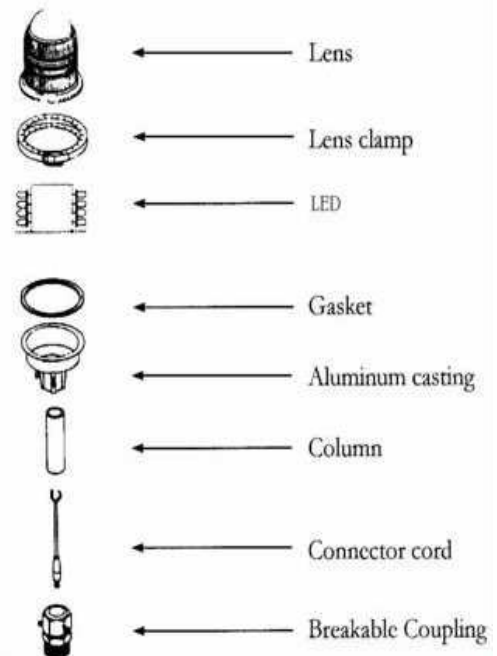
The fixture consists of a blue lens mounted on a yellow powder coated cast aluminum lamp housing. An o-ring seal and clamp band secure the lamp. The upper assembly mounts on a 1 in (2.54 cm) Electrical Metallic Tubing (EMT) extension into the 1.5 in (3.81 cm) die cast aluminum breakable coupling. Standard height is 14 in (35.56 cm). Other heights are available. The taxiway light appearance is the same as what the pilots and ground personnel are accustomed to, thereby eliminating confusion caused by some other designs.

The Light LED Subassembly (GSI-LLS-100) may be mounted on a 30 in (76.20 cm) stake assembly or base plate. The L-867 Light Base is available separately. The 6.6 A light includes an L-823 plug assembly for connection to an L-830 isolation transformer. Most parts are compatible with other manufacturer's products.



Advantages:

- No maintenance: more than 100,000 hours of life.
- Very low consumption of 7 Watts.
- Easy installation to replace existing halogen / incandescent lamp fixture.
- No requirement for changing or modifying the airfield lighting primary circuits.
- No interference on the constant current regulator due to the LLS special converter.
- Uses standard medium intensity runway light fixtures.



- Replaces incandescent quartz lamps.
- Substantial energy savings.

■ Dimensions ■	
Height	14.0 in (35.56 cm)
Width	5.5 in (13.97 cm)
Depth	5.5 in (13.97 cm)
Weight	7.0 lbs (3.2 kg)
Volume	0.5 ft³ (0.014 m³)

Specifications:

- Manufactured from a group of blue, high intensity, long life LEDs. Replaces incandescent quartz lamps.
- For retrofit, basic installation is reusable.
- Stake, base, or coupling mountable.
- Three intensity 6.6 Amp operation.
- No Electro Magnetic Interference (EMI) or Radiated Frequency Interference (RFI).
- Standard heights are identical to existing fixtures.



■ Replacement Parts ■	
216-X	Incandescent Head Assembly (includes Housing, Socket, Cord, Gasket, & Lens Clamp)
51	Blue Lens
GSI-LLS-100	LED Module
76-12	12 in (30.48 cm) Incandescent Connector Cord: 14 in (35.56 cm) Fixture
76-20	20 in (50.8 cm) Incandescent Connector Cord: Above 14 in (35.56 cm) Fixture to 20 in (50.8 cm)
76-30	30 in (76.20 cm) Incandescent Connector Cord: Above 20 in (50.8 cm) Fixture
77	6 in (15.24 cm) Column: 14 in (35.56 cm) Fixture, Other Heights by Order
78	12 in (30.48 cm) Column: 20 in (50.8 cm) Fixture / Other Heights by Order
78-16	16 in (40.64 cm) Column: 24 in (60.96 cm) Fixture / Other Heights by Order
79	22 in (55.88 cm) Column: 30 in (76.20 cm) Fixture / Other Heights by Order
61	Lens Clamp
62	Lens Gasket
58	Breakable Coupling 1.5 in (3.81 cm) Thread
58-2	Breakable Coupling 2 in (5.08 cm) Thread

Ordering Instructions:

■ <i>GSI -LED-861-T-_____-(Height)</i>	_____-(Options) ■
14: 14 in (35.56 cm) Standard	2B: 2 in (5.08 cm)
24: 24 in (60.96 cm)	Thread
30: 30 in (76.20 cm)	

We Are The Proven Experts At LED Taxiway Lighting!

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

Website: www.gsilight.com
