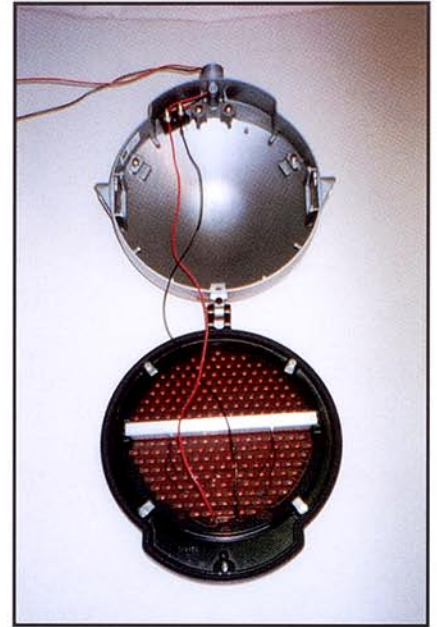
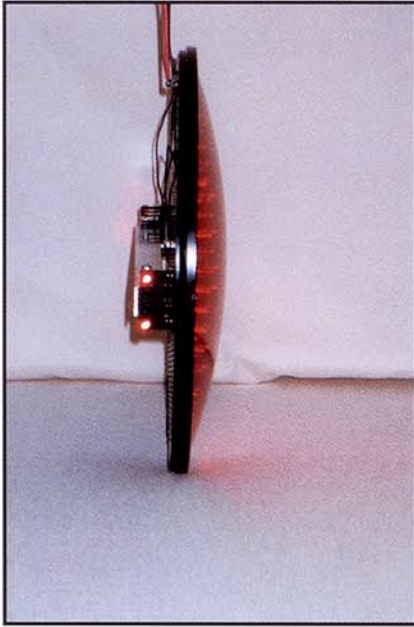




THE LIGHT KEEPER SIMPLY THE BEST L.E.D. HIGHWAY CROSSING LIGHT



GSI PART #GSI-LED-1

General Signals' 12-inch L.E.D. Highway Crossing Light utilizes a sealed head light design to make retrofitting units as easy as replacing a roundel. Quick fit into any light head; hence, the Light Keeper can be specified for any manufacturer's unit for new installation.

GENERAL SIGNALS' L.E.D. CROSSING LIGHTS ARE ALSO AVAILABLE COMPLETE WITH LIGHT HEAD, BACKGROUND, AND HOOD.

FEATURES

- 255 Ultra brite L.E.D.s connected by 85 individual circuits of 3. Failure of 1 individual L.E.D. would never allow more than 3 L.E.D.s to fail
- 1100 candelas on Axis @ 10 volts (specification calls for 160)
- Beam Pattern: 85% @ ± 5 (934 candelas) 40% @ ± 10 (440 candelas) 10% @ ± 15 (165 candelas)
- Automatic self alignment
- Installs as easy as a roundel
- Surge protected to 1500 W 24V max
- Resistors are of a heat sink design for heat dissipation
- Estimated life of L.E.D.s is 100,000 hours of actual lighted time
- Distinct white side lights using 4 L.E.D.s on each side
- Provides immediate and long term energy and maintenance savings

TECHNICAL DATA

CURRENT

Draws 1.8 Amps nominal current at 10 volts nominal D.C.
* A 1.2 Amp version is also available.

VOLTAGE

Operates from 8fi to 16 volts D.C. or 8fi to 11fi volts A.C. - Exceeds AAR 3.2.37.

GASKETS

Bonding U channel gasket is manufactured from a non-out gassing E.P.D.M. rubber material. All gaskets are in accordance with AAR 15.2.10.

CHROMATICITY

Color and chromaticity measurements are in accordance with AAR 7.1.10. (Both the L.E.D.s and the lens are of this color.)

CIRCUITRY

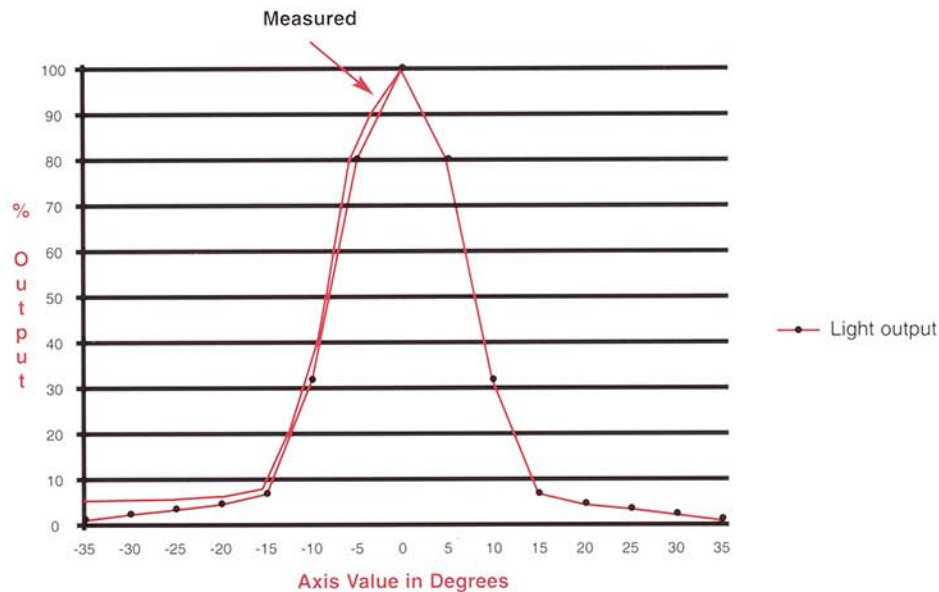
The 255 L.E.D.s are connected in 85 separate circuits of 3 each. This limits the maximum light outage to 3 L.E.D.s if one should ever fail.

WIRE

The unit utilizes 18 gauge 105 C AWG copper wires with ring connectors.

BEAM PATTERN

The unit measures 1100 candelas of light output on Axis and follows the disbursement curve below at distance of 50 feet. Exceeds AAR 3.2.37.



LENS

The lens is manufactured out of high impact resistant UV protected polycarbonate material and its color satisfies chromaticity and color specifications per AAR 7.1.10. Lens enhances contrast and clarity in sunlight.

GSI-LED-1 — LED HIGHWAY CROSSING LIGHT
SIMPLY THE BEST LED HIGHWAY CROSSING LIGHT!