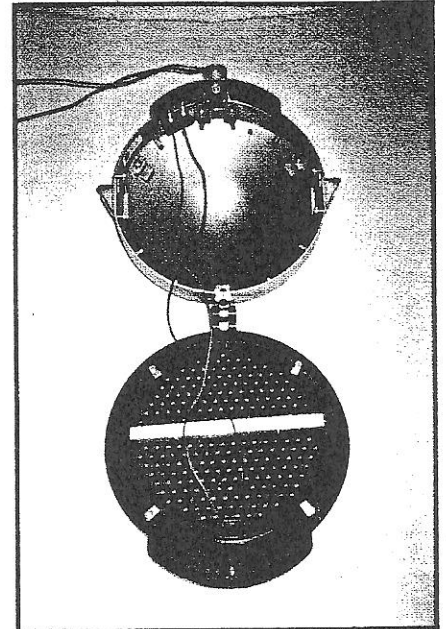
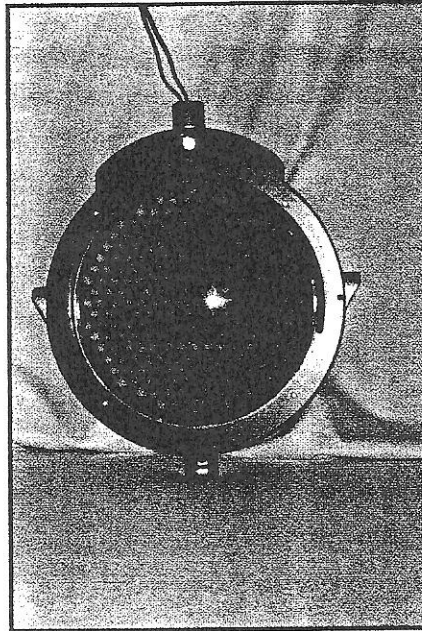
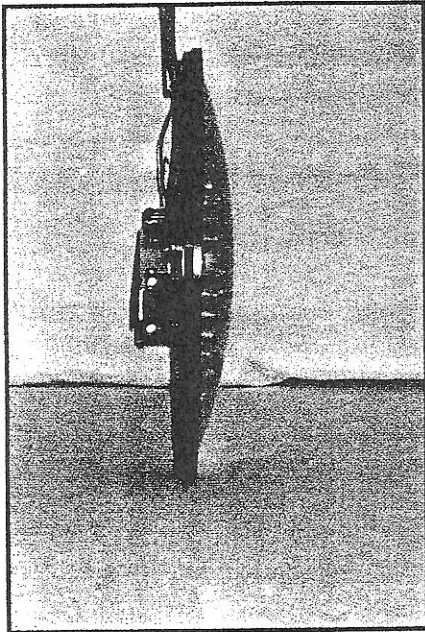




8-inch L.E.D. Highway Crossing Light SIMPLY THE BEST L.E.D. HIGHWAY CROSSING LIGHT



GSI PART #GSI-LED-8

The Light Keeper

General Signal's 8-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.

FEATURES

- 210 Ultra brite L.E.D.s connected by 70 individual circuits of 3. Failure of 1 individual L.E.D would never allow more than 3 L.E.D.s to fail
- 520 candelas on Axis @ 10 volts (specification calls for 160)
- Beam Pattern: 85% @ ± 5 (442 candelas) 40% @ ± 10 (208 candelas) 10% @ ± 15 (52 candelas)
- Automatic self alignment
- Installs as easy as a roundel
- Surge protected to 1500 W 13.6V 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 side lights using 4 white L.E.D.s on each side
- Provides immediate and long term energy and maintenance savings

TECHNICAL DATA

CURRENT

Draws 1.3 Amps nominal current at 10 volts nominal D.C.

VOLTAGE

Operates from 8 to 16 volts D.C. or 8.5 to 11.5 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

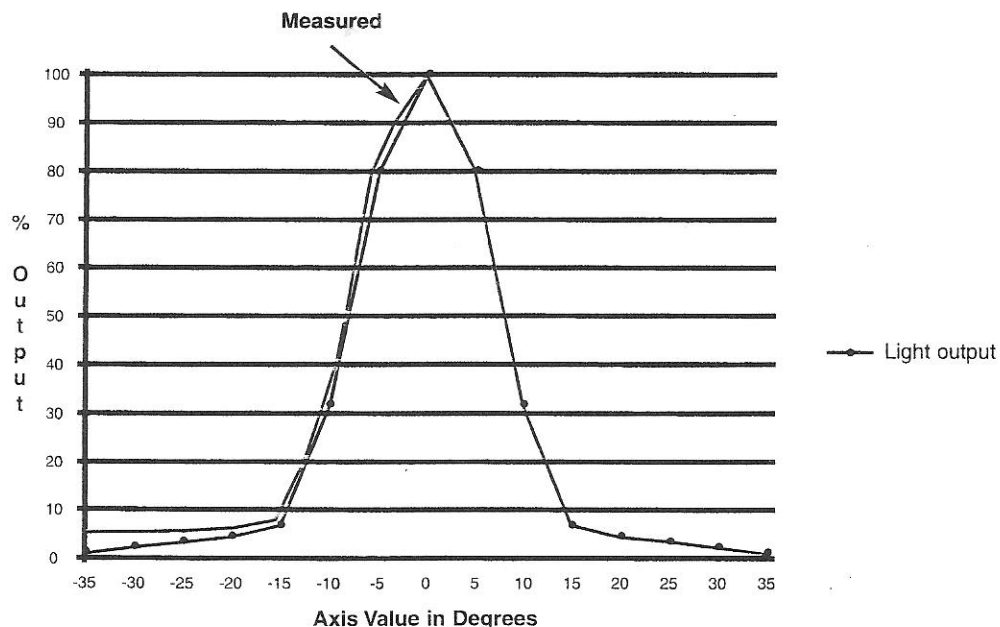
The 210 L.E.D.s are connected in 70 separate circuits of 3 each. This limits the maximum light outage to 3 L.E.D.s if one should ever fail.

WIRE

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

BEAM PATTERN

The unit measures 520 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-8 – LED HIGHWAY CROSSING LIGHT
SIMPLY THE BEST LED HIGHWAY CROSSING LIGHT!**