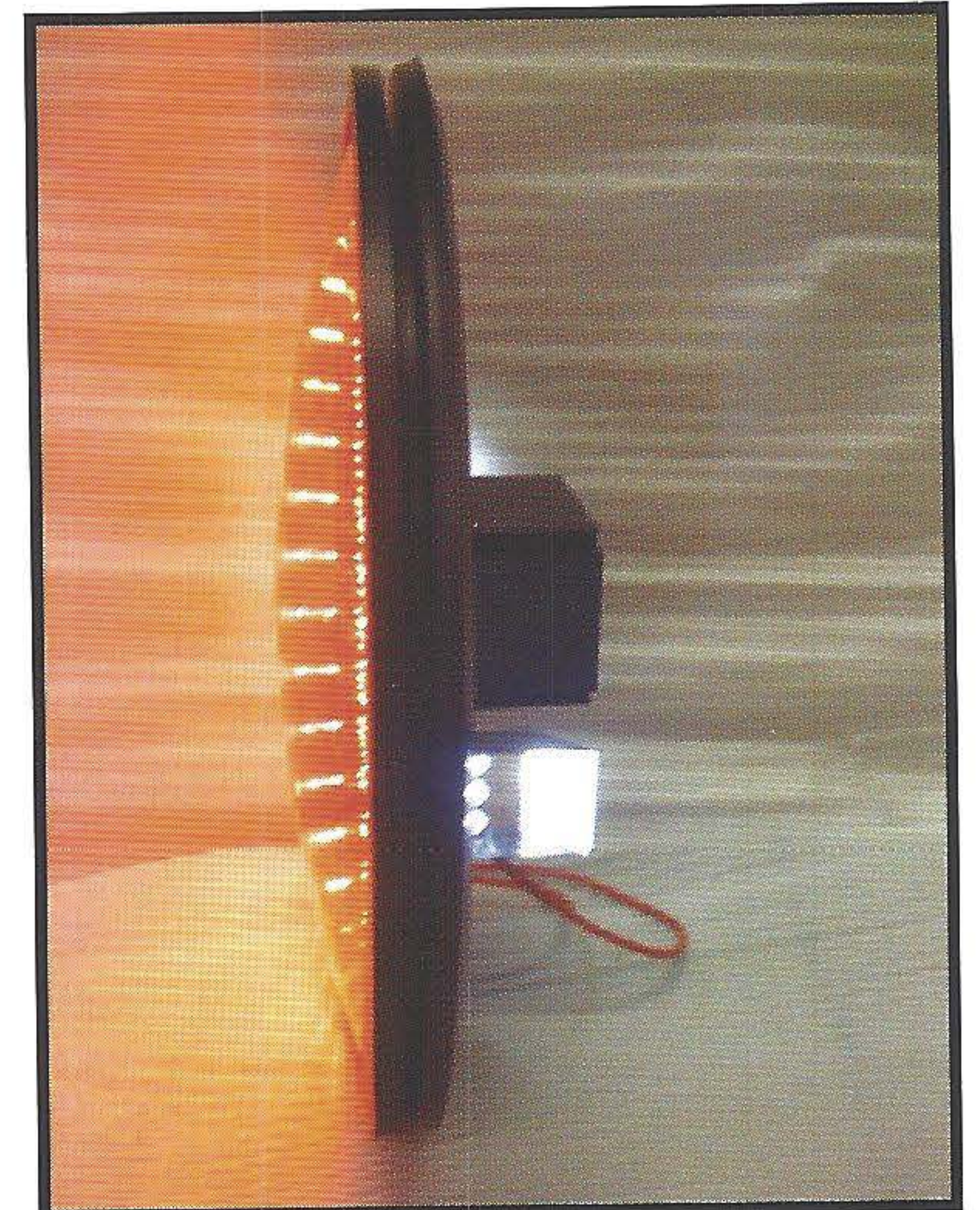
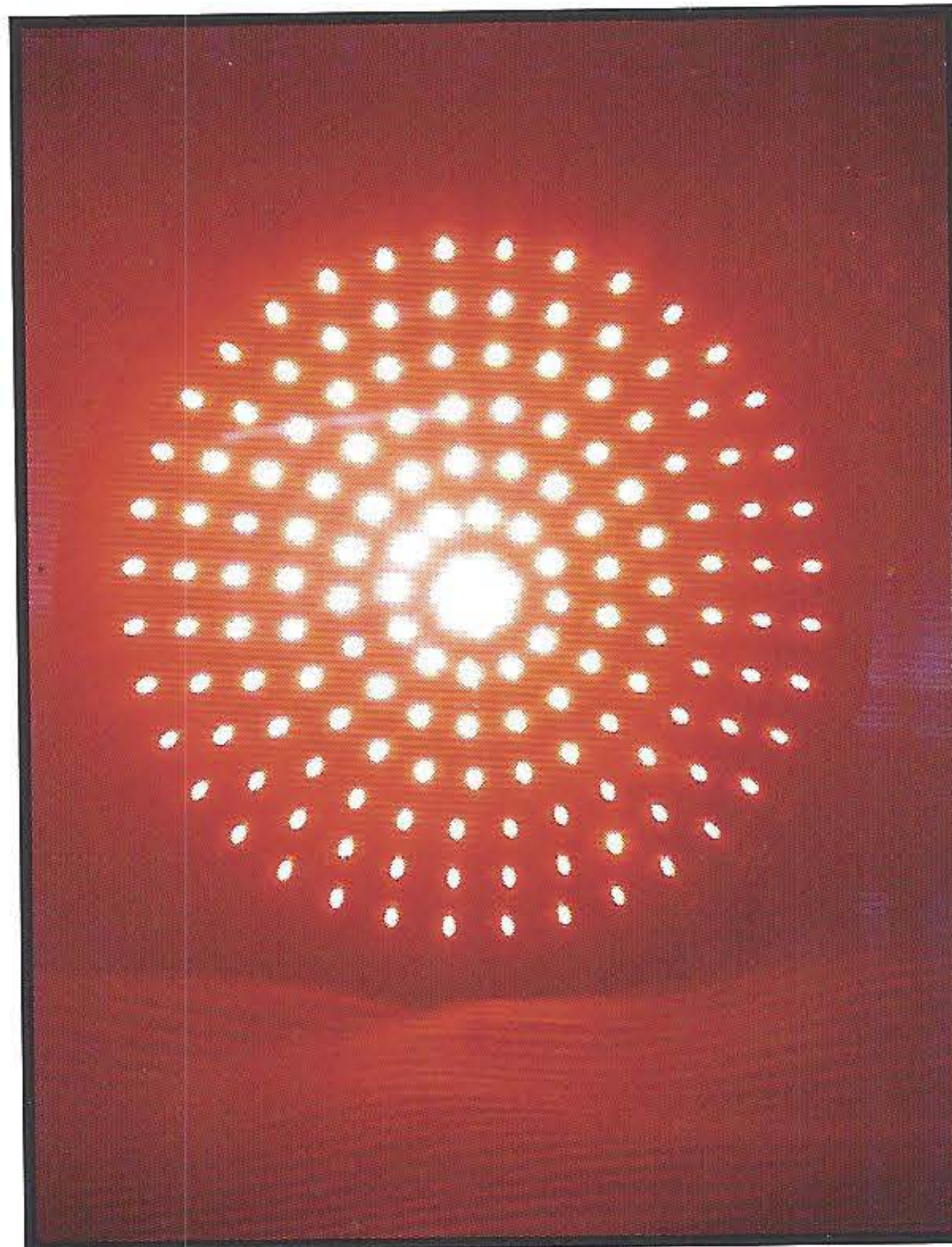
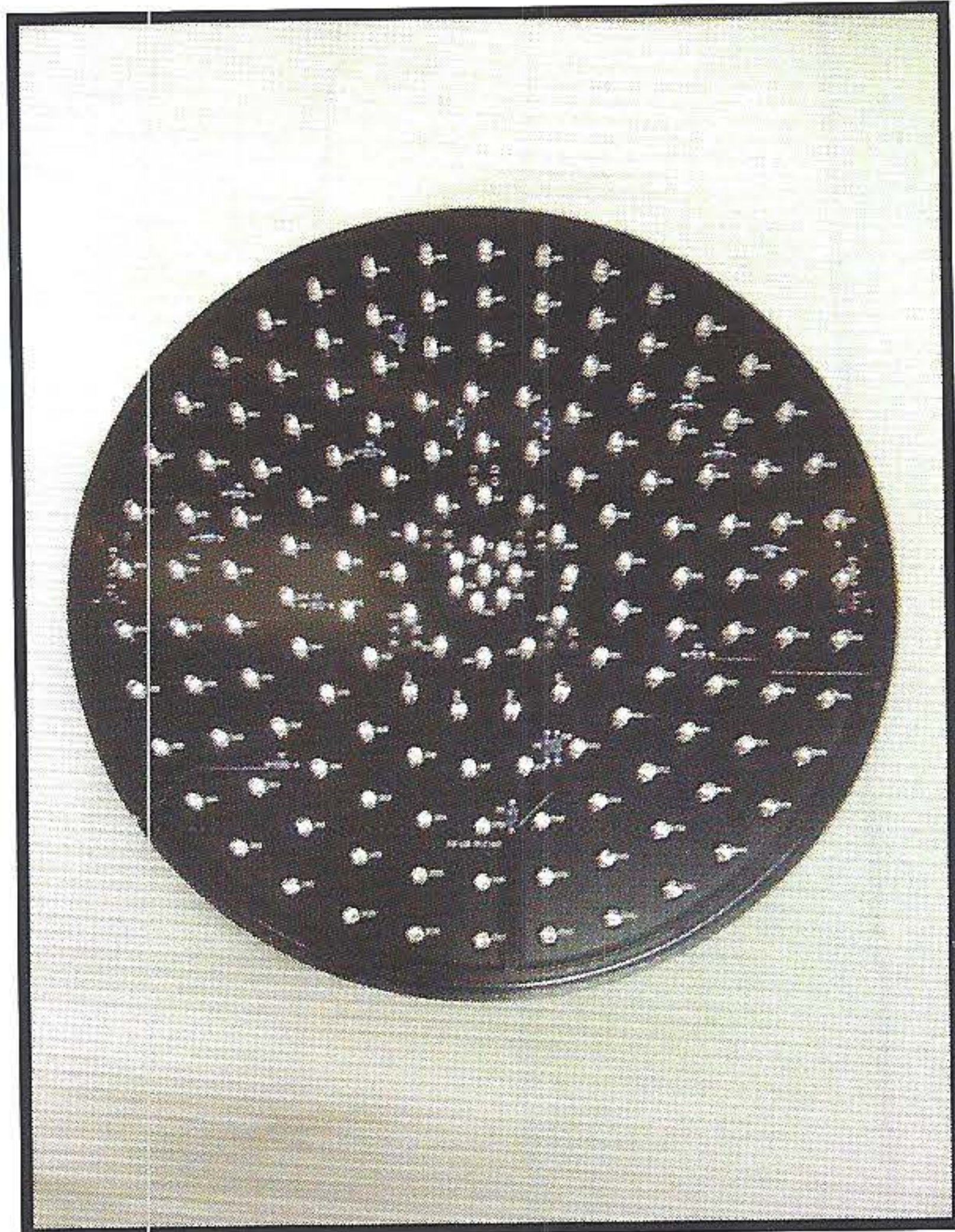




GSI-LED-MAX

THE ONLY SOURCE YOU NEED FOR LED LIGHTS



GSI PART # GSI-LED-MAX

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

General Signals' LED crossing lights are also available complete with light head, background and hood.

- 156 Ultra brite LED's connected by 52 individual circuits of 3. Failure of 1 individual LED would never allow more than 3 LED's to fail
- 1600 candelas on Axis @ 10 volts (specification calls for 400)
- Beam pattern: @ $\pm 5^\circ$ (950 candelas) @ $\pm 10^\circ$ (439 candelas) @ $\pm 15^\circ$ (169 candelas)
- Automatic self alignment
- Installs as easy as a lens
- Surge protected to 1500W 24V max
- Resistors are of a heat sink design for heat dissipation
- Distinct white side lights using 3 LED's on each side
- Provides immediate and long term energy and maintenance savings

TECHNICAL DATA

- CURRENT** Draws 1.1 amps nominal current at 10 volts nominal D.C.
- 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 a accordance with AAR 15.2.10.
- CHROMATICITY** Color and chromaticity measurements are in accordance with AAR 7.1.10 (Both the LED's and the lens are of this color.)
- CIRCUITRY** The 156 LED's are connected in 52 separate circuits of 3 each. This limits the maximum light outage to 3 LED's if one should ever fail.
- WIRE** The unit utilizes 18 guage 105 C AWG copper wires with ring connectors.
- BEAM PATTERN** The unit measures 1600 candelas of light output on axis. 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-MAX MEASUREMENTS

ANGULAR DISPLACEMENT	0	4	8	12	16	20	24	28
GSI (cd)	1640	1064	608	270	135	118	95	74

VOLTS IN (DC)	8	8.5	9	10	11	12	13	14	15	16	17	18
GSI (If) AMPS	0.7	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
GSI LIGHTOUTPUT (cd)	997	1419	1620	1640	1640	1640	1640	1640	1640	1640	1640	1640

GSI-LED-MAX -- LED HIGHWAY CROSSING LIGHT