



**JW FISHERS MFG INC**

1953 COUNTY ST.  
E. TAUNTON, MA 02718 USA

(508) 822-7330; (800) 822-4744; FAX (508) 880-8949  
Email: info@jwfishers.com WEB: www.jwfishers.com

# TECHNICAL DATA SHEET



DHL-1 Diver Held Light



SL-1 Individual light

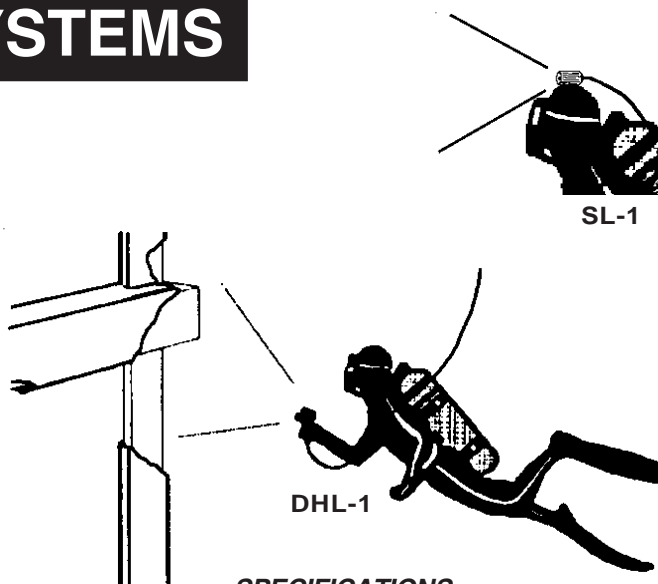
- VERY COMPACT LIGHTING SYSTEMS
- ECONOMICALLY PRICED
- 1,000 FOOT DEPTH RATING
- SURFACE POWERED
- 150-1,000 FOOT CABLE WITH UW CONNECTOR
- POWERFUL 100 or 250 WATT BULBS
- GROUND FAULT PROTECTION CIRCUITRY
- TWO YEAR WARRANTY

## UNDERWATER LIGHT SYSTEMS

JW Fishers underwater light systems are ideal for any of the numerous underwater structure inspections encountered by today's commercial diver. These surface powered lights supply continuous lighting for extended underwater operations. The DHL-1 Diver Held Light system was designed for divers that want hands-on control of their lighting. Two light housings are mounted to a solid grip handle letting the diver control the direction of the light beam and the distance to the lighted object. The SL-1 is a single underwater light that can be mounted on a divers helmet or attached to any underwater structure. SL-1 lights can also be ganged together for those applications where multiple lights are required. Both the DHL-1 and SL-1 provide concentrated underwater lighting for jobs in depths up to 1,000 feet. The lights are available with high intensity 100 or 250 watt bulbs. These lighting systems can be powered by a small generator or by battery (with inverter).

The light housings are constructed of high-impact, corrosion proof epoxy and urethane for years of trouble free performance. The lights have slightly negative buoyancy and weigh only ounces in the water. The light beam is provided by powerful tungsten halogen lamps. Fishers unique water cooled design of the lights ensure long bulb life. The system comes standard with an abrasion resistant 150 foot cable and underwater connector (DHL-1) at the light. The system is powered by 120 vac. A ground fault circuit is provided at the surface for diver safety. Options include: 12 vdc (inverter), 220 vac (transformer), up to 1,000 feet of cable, 250 watt bulbs, and spares kits.

Fishers underwater light systems have a **FULL TWO YEAR WARRANTY**, the longest in the industry.



### SPECIFICATIONS

#### DIMENSIONS/WEIGHT:

- DHL-1 dual underwater light.....9" tall x 5.5" wide ..... in air 1.5 lbs.
- SL-1 single underwater light.....4" long x 2.25" diameter...in air 0.5 lbs.
- DHL-1 ..... in water 6 oz.; SL-1 ..... in water 2 oz.
- Cable ..... 0.25"D x 150'-1000'L ..... in air 6-40 lbs.  
..... in water 2-13 lbs.

#### PERFORMANCE/DESCRIPTION:

- Standard Light ..... 100 watt tungsten halogen
- Cable ..... 2 wire jacketed
- Operating Depth ..... 1,000 feet
- Color ..... Yellow/Black
- Sealing ..... Urethane
- Power Req ..... 120 vac, .75 amps / 100 watt light

### OPTIONS

- 150-1000 foot cable
- 12 vdc (inverter)
- 220 vac (Europe)
- 250 watt bulbs
- Spares kit