

ROS WDL-75 WET & DRY LAMP



GENERAL DESCRIPTION

Light can be placed from air into water while in operation

Rugged and compact design for space-restricted and harsh environments

Non-browning window for radioactive environments

A compact spotlight for wet or dry environments

The WDL-75 Miniature Wet & Dry light can be placed from air into water while in operation. Its light output is color balanced with a narrow beam pattern ideally suited for video or photographic viewing applications.

The WDL-75 is the perfect lighting solution when working in coned areas or for installation on small cameras, positioners, dive helmets, and ROVs. It utilizes the signature ROS connector/socket assembly and is available with a range of connector options. Inside the light assembly is a unique spring-loaded socket that fits standard light bulbs with minican screw-in bases. Bulbs can be changed in a matter of seconds simply by removing the connector assembly.

The WDL-75 complements our PT-5, miniature pan & tilt, and several of our smaller camera systems. This miniature wet & dry light is also an integral part of the ROS Convertible Viewing System (CVS) and SC-18 Shielded Camera System.

ROS has been manufacturing an array of harsh environment cameras, lights, positioners, and specialized systems designed for oceanographic, nuclear, industrial, and military applications for over 30 years.

SPECIFICATIONS

Housing Material:	Anodized 6061-T6 Aluminum
Length:	79.2 mm (3.12 in) without connector
Diameter:	41.3 mm (1.63 in) front end 25.4 mm (1.00 in) body
Window/Lens:	Dynasil non-browning
Lamp type:	Screw-in tungsten halogen
Beam pattern:	9 degrees conical
Weight in Air:	0.19 kg (0.42 lbs)
Weight in Water:	0.10 kg (0.22 lbs)
Operating Depth:	600 m (2,000 ft)
Mounts:	ROS LB-1 mounting bracket optional



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