

QL-3000 UNDERWATER FLOODLIGHT



**3,000 meter standard depth rating
6,000 meter depth rating available**

**Color balanced light output is
optimal for video imaging systems**

50W – 500W halogen lamp options



***Reliable flood lighting for harsh
environments down to 6,000 meters.***

The rugged QL-3000 floodlight revolutionized the underwater lighting industry almost 3 decades ago, and it continues to provide reliable deep water lighting. The QL-3000's innovative design, color balanced output, and uniform flood-beam pattern allows it to be highly adaptable to specific sub sea projects and ideal for use with video imaging systems.

The QL-3000 is highly customizable with a wide array of components to meet specific lighting, installation, and integration requirements. Choose from bulbs ranging from 50 - 500 watts, connectors that are underwater mateable, and various housing materials.

Integral to the QL-3000 housing are four tapped 1/4-20 mounting holes in the base for upright or side mounting onto any platform or piece of equipment without additional bracketry.

The QL-3000 complements any ROS underwater video inspection system and has been deployed on numerous ROVs throughout the world.

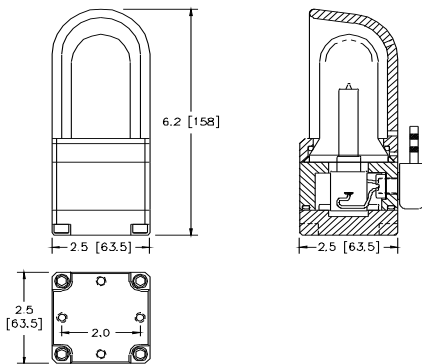
ROS has been manufacturing an array of harsh environment cameras, lights, positioners, and specialized systems designed for oceanographic, nuclear, industrial, and military applications for over 30 years.

QL-3000 - Underwater Floodlight

SPECIFICATIONS

Housing Material:	Anodized 6061-T6 Aluminum with white powder coated enamel finish or Electropolished 316 Stainless Steel	
Size:	158 mm X 63.5 mm X 63.5 mm (6.2 in X 2.5 in X 2.5 in) without connector	
Envelope	Pyrex	
Lamp type:	Screw-in tungsten halogen	
Beam pattern:	100 degrees x 100 degrees flood	
Weight in Air:	Aluminum	0.82 kg (1.8 lbs)
	Stainless Steel	2.20 kg (4.9 lbs)
Weight in Water:	Aluminum	0.41 kg (0.9 lbs)
	Stainless Steel	1.45 kg (3.2 lbs)
Operating Depth:	3,000 m (10,000 ft) standard	
	6,000 m (20,000 ft) available	
Mounts:	Four 1/4-20 tapped holes in base on 2.0 inch mounting centers	

Select from the list of options below and fill in the model sequence number



ALUMINUM	10-00100	LAMP	CONNECTOR	OPTIONAL BKM TESTING
STAINLESS STEEL	10-00107			
		1	1	1 PIN, IERD2M-BC-4
		2	2	2 PIN, IESQ4M-BC-1
		3	3	IE-55 1503/5507-1503-BCR
		4	4	XSG-3-BCL-HP (aluminum only)
		5	5	LPBH-3-MP
		6	6	BH-3-MP W/LOCK SLEEVE
		7	7	MSAJ-3-BCR
		8	8	MSAJ-9-BCR
		9	9	XSG-3-PBCLM (aluminum only)
		10	10	MSAJ-10-BCR
		11	11	CS CUSTOMER SPECIFIED
		12		
		13		
		14		
		15		

REPLACEMENT LAMPS

Part Number	Watts	Volts	Avg. Hours (mfg rating)	Color Temp (K)	Lumens
10-05040-4	250	120	2000	3000	4800
10-05060-4	500	120	2000	3000	10000
10-05040-4	250	120	2000	3000	5000
10-05020-4	150	120	1000	2900	2800
10-05010-4	100	120	2000	2850	1600
10-05240-4	500	220	2000	2950	9500
10-05230-4	250	220	2000	2900	4500
10-05220-4	250	240	2000	2900	4500
10-05225-4	150	240	1300	2800	2100
10-05186-01	50	12 potted	2000	3000	1000
10-05195-01	75	12 potted	2000	3000	1600
10-05027-01	50	24 potted	2000	3000	990
10-05185-01	75	24 potted	2000	2950	1500
10-05031-01	100	24 potted	2000	3000	1800
10-05030-01	150	24 potted	100	3300	4200
10-05110-01	250	24 potted	50	3400	8500

COMMON CONNECTOR OPTIONS

IESQ4M-BC-1 (p/n: 60-04020-4)	IE-55 1503 BCR (p/n: 60-04081-4)	XSG-3-BCL-HP (p/n: 60-04091-4)	LPBH-3-MP (p/n: 60-01010-4)	BH-3-MP (p/n: 60-04080-4)	MSAJ-3-BCR (p/n: 60-01059-4)
1 = Power 2 = Ground 3 = Power (Return) 4 = Ground	1 = Power 2 = Power (Return) 3 = Ground	1 = Ground 2 = Power 3 = Power (Return)	1 = Power 2 = Power (Return) 3 = Ground	1 = Ground 2 = Power 3 = Power (Return)	1 = Ground 2 = Power 3 = Power (Return)



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