



**Seadraulics**  
Subsea Fluid Mechanics

## LED LEAK DETECTION LAMP – SINGLE



These stand alone high power LED leak detection lamps are supplied individually, catering to the user's need for detection of a particular fluid. All the LED lights are 100 W flood lights, with at least 6000 lumens output.

Standard wavelengths chosen are;

1. 365 Nanometer UV (BLACKLIGHT)
2. 490 Nanometer
3. 530 Nanometer

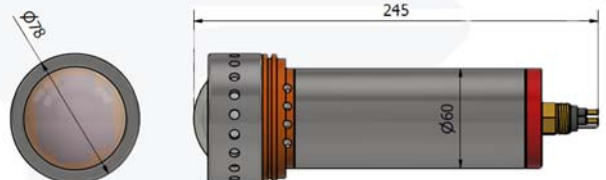
Other frequencies available on request.

The lamps were developed for a specific project where the dye type was unknown and was of low visibility. Other units on the market had failed to show the fluorescence in this fluid.

The LEDs used are wavelength specific 100 W units with average life of 10000 hrs. They can be matched with a band pass filter of the same wavelength as the lamp, to further increase excitation levels at the required wavelength. As standard the filters are not fitted to these models as the LED typically has  $\pm 40$  nM from the specified wavelength.

### SPECIFICATIONS

ROV Power:	110 VAC at 1.3 A max.
Connection:	MCIL3F (other connectors on request)
Lumen output:	6000
Dimensions:	245 mm long x 78 mm round. Body is 60 mm Diameter
Weight air/water:	3 kg / 2.2 kg



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