

UV Anti-fouling kit [BarnakiL]

- ✓ Preventing biofouling on surface of any subsea device by UV light beam
- ✓ Designed and optimized for biocidal sterilization with high efficiency UV-C(278nm) LED with 10mW high power.
- ✓ The built-in controller design (Simple to use with an external power connection).

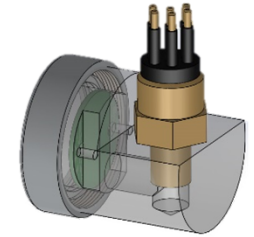
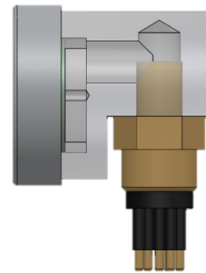
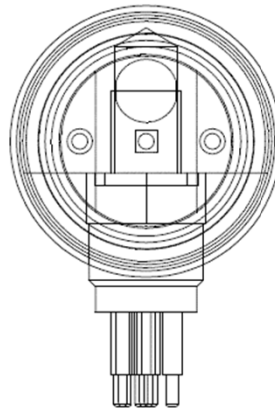
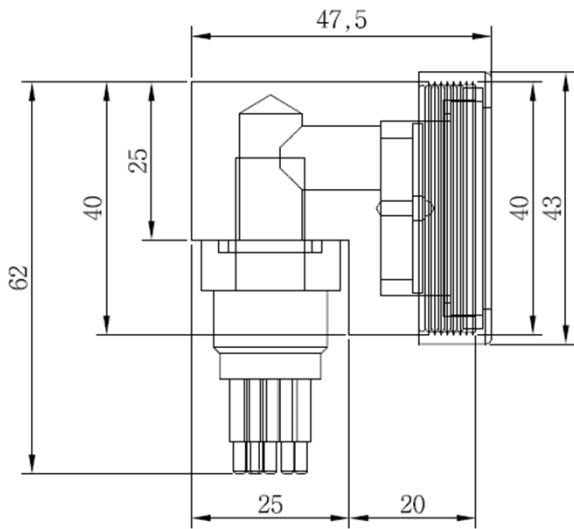


Patent No.10-2122405

LED	Wave length Optical power	UV-C (278nm) 10mW (with 100mA input)
Coverage	Range Angle Operating Depth Use and storage temperature	Typically 10cm 73.5 ° (underwater), 126 ° (air) ~100 m -20 ~ +50 °C
Duty Cycle Control	Repetition cycle LED on time Switch	2 channel Selectable (default: 10min / 20min, Optional Max 2 hour) 6 channel Selectable (default: 1/2/3/4/5/10min) Internal dip-switch
Power consumption	Power Current consumption Calculation Example	7~24 VDC LED off : 3mW (with 10.8V) LED on : 0.7W (100mA/7V, 65mA/10.8V) about 4month (73mWH) ; with 10% duty cycle, 10.8v/38A
Physical	size Diameter	62 x 47.5 mm 43 mm
Underwater Battery Pack (Optional)	Output voltage/capacity Operating Depth	10.8v / 38A (Lithium D cell battery 2 parallel 3 serial connection) ~100 m
Communaute Europeene (CE)	Electromagnetic Compatibility	EN-61000-6-2(EMI) EN-61000-6-4(EMS)

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Drawings



Actual Use

