World's Most Powerful Fixed IR Submersible SS316L Tactical Marine LED Spotlights Z4750XLS IR BEMCU / NSN:5850231146907



- CPU controlled infrared signaling transmission to support Underwater Demolition Forces *
- BEMCU supports RS485 com. port for up to 9 user programmable Encrypted or Morse patterns
- Single High Power LED emitter penetrating depths in excess of 15meters, (depending on water clearance)
- 850nm to 940nm wavelength centroids availability
- Up to 12W per unit / PWM embedded precision power supply / selective L , R, Both spotlights operation
- Maximum radiant flux 5.25Watts per unit
- Predicted lifetime in excess of 40KHours
- Nitrogen Gas charged LED chamber
- TIR 35° FWHM converging Borosilicate flameproof glass lens
- High performance heat exchanger-<u>Patented</u>
- Overheat protection
- IP68 Certified to 100meters operating depth-Patented
- Stainless Steel aisi316L body alloy
- LxWxH 83x49x60mm @ 480gr total weight per spotlight

*Infrared underwater transmission encrypted signaling is a major requirement by Underwater Demolition Forces for mothership location & surface monitoring status e.g. "free to emerge", "emerge left", "emerge @ right", "enemy engagement", "enemy close" etc. Submersible NVG scuba diver's optics system is mandatory armament for this process.

LAMPSEA[™]: 8 Agiou Georgiou P. Iraklio/Attikis/14122Athens/Greece. Tel: 210-284-7981 or 690-687-1020 <u>www.lampsea.com</u> email: <u>info@lampsea.com</u>. LAMPSEA[™] MRN1515 / NATOG2562 is an official member of Recycling Appliances SA. for alternative management of W.E.E.E. LAMPSEA[™] reserves the right to change specifications and improve its products without any prior notification.

