

Programmable Long Range IR Signaling Tactical Beacon System

BELZ4 IR / NSN:5850231146906



Lampsea™ introduces its new BELZ4 IR GEN2 High Performance Tactical Beacon System for Military or Naval use that has been developed to achieve long range infrared signaling transmission on “Radio Silence” involving a variety of applications by the use of high power single IR LED emitters. The system includes a multitude of inherent advantages such as:

- Precision 12VDC IN PWM power supply /reverse polarity protected/Constant Current operation
- Wavelength typical: 850nm or 940nm centroids availability
- Long range visibility, at line-of-sight: ≥ 6 nautical miles (clear weather)
- Visible by Sea-Land and Air friendly vessels and flying means as well
- Low power consumption as low as 12Watts max
- Typical predicted life time $\geq 40K$ hours on 70% Radiant flux
- Maximum Radiant flux density: 5.25W per IR beacon
- Durable SS316L housing which can have a firearm coating applied upon request
- IP68 up to 1Atm waterproof-Patented
- Vertical and 360° nitrogen gas charged side emitting lens
- Fogless operation due to nitrogen gas charged LED engine chamber
- High performance heat exchanger-Patented
- Initial Programming to Morse or Crypto code according to demands (standard)
- Embedded PC communication/RS485 programming port/Software (optional)
- Up to 9 selectable pre-programmed signaling patterns
- Overheat protection
- Upgradable and repairable exclusively at Lampsea™ laboratories

LAMPSEA™ IR Beacons Innovative Design and Performance Nominated @ SeaWork2016 UK!

LAMPSEA™: 8 Agiou Georgiou P. Iraklio/Attikis/14122Athens/Greece. Tel: 210-284-7981 or 690-687-1020 www.lampsea.com email: info@lampsea.com. 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.

