

VELUX™ 2.



Velux™ 2 is a Short Wave Infrared (SWIR) signaling beacon developed specifically to emit a flash pattern signal that can be synchronized with other Velux 2 beacons so they flash in unison.

With several beacons deployed, synchronized flash patterns are recognized by operators and commanders in less than half the time as traditionally coded beacons. Faster squad recognition along with a dramatically reduced incidence of confusion with small arms fire extends this beacons capabilities well beyond that of traditional programmable beacons.

The Velux 2 has the capability to store two user-selectable flash patterns in memory. The first code pattern is a fixed flash rate code identical to the Phoenix Jr. (NSN: 5855-01-438-4588). The second code pattern is user programmed. The operator can easily switch between each of the encoded flash patterns or a standby mode via the beacons programming pins. The beacon also features a standby mode which allows the beacon to put in a sleep setting where no flash pattern is broadcast allowing it to be switched from standby to ON without disconnecting the battery. The beacons non-volatile memory allows the battery to be removed from the beacon without erasing any of the entered codes.

Weight	1 Ounce 28 Grams
Size	1.24" x 0.9" x 0.574" 31mm x 22.5mm x 14.6mm
Flash repeat cycle	Programmable
Flash duration	Programmable
Code Memories	Two; Phoenix Jr. fixed flash rate, and one user defined.
Battery	Common 9 volt
Configuration	3 IR Emitters
Coverage	240 degrees x 360 degrees
Switching	Attach or remove battery, control pins
Options	Velux 2 IR 950nm, Velux 2 IR 1050nm, Velux 2 IR 1200nm, Velux 2 IR 1300nm, Velux 2 IR 1450nm, Velux 2 IR 1550nm, Velux 2 Red Training Model, Vehicle Auxiliary Power Supply (902611), and Poseidon — Phoenix / Pegasus Mounting Clip in Green (902801OD), Tan (902801S), or Black (902801B)
Operating depth	The Poseidon — Phoenix / Pegasus Mounting Clip (902801) provides a water tight casing for the beacon and battery assembly.

VELUX is a trademark of Cejay Engineering, LLC.

ALL INFORMATION INCLUDED IN THIS SPECIFICATION AS WELL AS THE DESIGNED PRODUCT IS SUBJECT TO CHANGE. PLEASE SEE OUR WEB SITE AT WWW.CEJAYENG.COM FOR THE MOST CURRENT INFORMATION ON OUR PRODUCT SUITE. NO COMPONENT OF THIS PRODUCT OR SPECIFICATION IS AVAILABLE FOR DISTRIBUTION TO ANY PARTY WITHOUT THE EXPRESSED WRITTEN CONSENT OF CEJAY ENGINEERING, LLC

ATTENTION: ANY PRODUCTS USING INFRA RED LIGHT EMISSIONS [850 NM OR ABOVE] REQUIRE STATE DEPARTMENT APPROVAL AND A LICENSE TO EXPORT OUTSIDE THE UNITED STATES.



Cejay Engineering LLC.
24600 South Tamiami Trail
Suite 212-353
Bonita Springs FL 34134 USA
Phone & Fax: (888) 584-3060
Phone & Fax: (239) 349-2336
E-mail: info@cejayeng.com

Rev Date 7/2015

www.cejayeng.com