



BETALIGHT

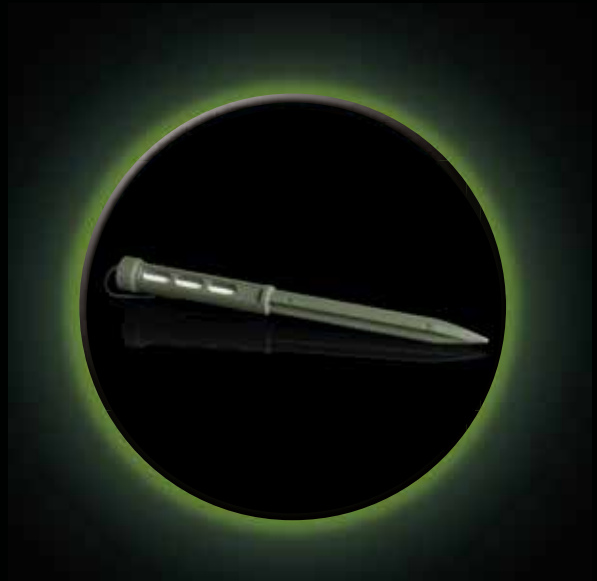
when reliability really counts

Peglight

The Self-Luminous Peglight is an efficient and durable ground-fixed demarcation system.

Key Features

- Absolute reliability in all environmental conditions
- Rugged construction enables penetration of hard ground
- Secure viewing angle of 90° (1600 mrad)
- Betalight® luminance maintains night vision
- No batteries, bulbs or maintenance required
- Lightweight, portable, easy to deploy
- Extensive operational life
- Colour options available
- NATO Stock Number 5820-99-650-8640



Performance

The standard Peglight incorporates green light to a brightness of 250µL and is visible to the naked eye in starlight conditions at a range of more than 25 metres. Brightness is not affected by temperature, humidity, altitude or operational plane.

Typical Applications

- Minefield marking, for vehicle and personnel patrol lanes
- Marking weapons positions, deployed during daylight to enable rapid re-occupation at night
- Arc of fire definition, where two Peglights are positioned forward to provide a clearly visible arc of fire.
- Route marking for tactical replenishment of AFVs

Operation

Peglights are self-illuminating, requiring no batteries, bulbs or secondary light source. They are suitable for use in hazardous atmospheres and will continue to operate normally in adverse environmental conditions, even when immersed in water. Markers are rated for operation in temperatures between -60°C and +70°C.

Fixing

Peglights can be rapidly driven into earth, soft wood or tarmac. A spring and attachment clip are incorporated to enable easy fixing to a wide range of support structures.

BETALIGHT B.V.

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Illumination

Illumination is provided by a Betelight® fixed securely within the unit. SRB Technologies is the original developer of Betalights®, innovative technology that uses gaseous tritium activation of phosphor within a sealed borosilicate glass tube to produce light. Betalights® are self-illuminating light sources that provide absolute reliability throughout their service life of 10 years. They contain no moving parts and are maintenance-free. As the Peglight is continuously illuminated, an on-off switch is not required. Peglights can also be produced with orange, yellow, red and blue Betalights®.



Materials

Peglights can be rapidly driven into earth, soft wood or tarmac. A spring and attachment clip are incorporated to enable easy fixing to a wide range of support structures.

Physical Characteristics

Overall length: 200mm

Cruciform diameter: 12mm

Maximum depth (incl clip): 25mm

Weight: 72gm

Quality Assurance

SRB Technologies are certified to ISO 9001 and meet the requirements of UK Ministry of Defence Standard 62/4.

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