

BETALIGHT

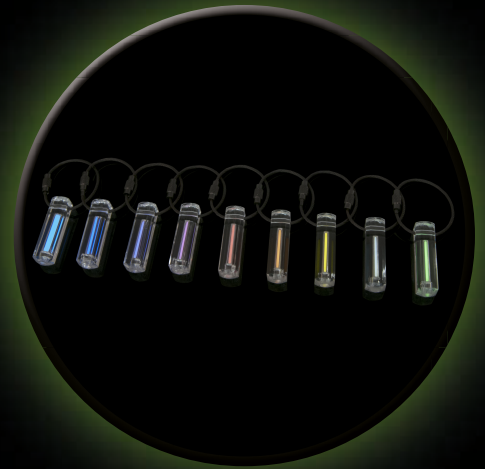
when reliability really counts

Tritium Illuminated Equipment Markers

Self-Powered, illuminated markers for locating portable and fixed equipment in low light and blackout conditions

Key Features

- ✓ Absolute reliability in all environmental conditions
- ✓ Secure, low brightness option available
- ✓ Unaffected by humidity and temperature
- ✓ Continue to operate under water
- ✓ No Batteries or bulbs required
- ✓ Maintenance-free, operational life of 15 years
- ✓ Tough, impact-resistant yet lightweight construction
- ✓ Range of colours and fixing solutions
- ✓ Limited output for secure viewing range
- ✓ Wire screw-clip for fast, flexible attachment
- ✓ Lightweight, compact and rugged design



Performance

Standard markers are available with a range of brightness levels, from 80 μ L to 550 μ L. Markers can be supplied with green, yellow, orange, red, blue, ice-blue, purple, white and pink lights. Refer to the

Typical Application

- ✓ Visualisation of important equipment stores & position marking in total darkness
- ✓ For in-outdoor and general use
- ✓ Personal markers to enable visual contact during night patrols.
- ✓ Invisible to terminal imaging systems
- ✓ Colour options for different purposes
- ✓ Available in IR (infra-red) for military applications

Operation

Markers are self-illuminating. They do not require an electrical supply, batteries or bulbs, and will remain continuously illuminated even during prolonged periods of darkness. Illumination is provided by Betalights[®], gaseous tritium light sources that provide an absolutely reliable luminance throughout their service life of 15 years. They contain no moving parts or consumable components (such as batteries, bulbs or switches). Markers are suitable for use in hazardous atmospheres and will operate normally in adverse environmental conditions, even when immersed in water. They are rated for operation in temperatures of -60 °C to 80 °C.

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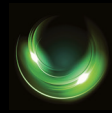
BETALIGHT B.V.

T 0031 341 360111

F 0031 341 361238

E info@betalight.nl

I www.betalight.nl



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Fixing

Wire screw-clip for fast, flexible attachment or a zinc plated steel key ring

Illumination

Illumination is provided by a Betelight® fixed securely within the unit. SRB Technologies is the original developer of Betalights®, an innovative gaseous tritium light source. 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 Torch is continuously illuminated throughout its operational life, an on-off switch is not required.

Materials

The Marker body are manufactured in tough crystal clear, fluorescent green and fluorescent blue acrylic. The fixing bracket is zinc plated steel or a wire loop.

Physical Characteristics

Length: 25 and 43 mm
Diameter: 7.30 and 10 mm
Weight: 3 gr and 6 gram

Quality Assurance

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