



BETALIGHT

when reliability really counts

Soldier's Personal illuminator

The self-powered Soldier's Personal Illuminator (SPI) is a lightweight, compact multi-purpose light source capable of deployment as torch, map reader, personnel marker, route marker and aiming post.



Key Features

- ✓ Absolute reliability in all environmental conditions
- ✓ Betelight® luminance maintains night vision
- ✓ Maintenance-free, no batteries or bulbs required
- ✓ Lightweight, compact and rugged design
- ✓ Rotating outer sleeve enables control of light output ensuring maximum security against detection
- ✓ Long operational life
- ✓ NATO stock number 6260-99-781-4147

Performance

The SPI utilises green light to a nominal brightness of 750 μ L. Brightness and illuminated profile are controlled by a rotating outer sleeve. Brightness is not affected by temperature, humidity, altitude or operational plane.

Typical Application

- ✓ Infantry night aid : for reading target record charts, fuse or sight graduations
- ✓ Night navigation aid : to enable map and compass readings
- ✓ Aiming point light or arc of fire markers
- ✓ Directional route marker
- ✓ Personnel marker

Operation

SPI's 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. SPI's are rated for operation in temperatures between -60°C and +70°C.

Fixing

The SPI is fitted with a clip attachment and neck cord.



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Illumination

Illumination is provided by a Betalight® 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 SPI is continuously illuminated throughout its operational life, an on-off switch is not required. SPI's can also be supplied with white light.

Materials

The SPI is an acrylic, finished matt black.

Drawing

On request.

Physical Characteristics

Length: 67mm

Diameter: 30mm

Weight: 40gm

Quality Assurance

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