



# MEGAGLOW

**Firefly MegaGlow safety markers allow equipment and positions to be covertly marked during low-light and darkness. Incorporating the largest light source available, MegaGlow's can be identified or located at distances of up to 40m without resorting to electric or chemical lights. Simple, reliable and effective, operational efficiency and safety are enhanced during darkness.**



Ice-blue "Dimple" illustrated

- **Uniquely reliable trigelight® light source**
- **Uses the largest trigelight® GTLS available**
- **Continuously illuminated for more than 10 years**
- **No batteries, bulbs or switches**
- **No charging by ambient light**
- **Lightweight, compact and easy to use**
- **Split-ring included for secure attachment**
- **No heat signature**
- **Reliable in all climatic conditions**
- **Nine Colour options for function differentiation**
- **"Smooth" and "Dimple" finish options**

## **Illumination**

MegaGlow markers incorporate a trigelight® Gaseous Tritium Light Source (GTLS) which provides a reliable, safe and self-powered source of continuous light output. No battery or charging by ambient light is required during the lifetime of the product. GTLS comprise a sealed borosilicate glass capsule which contains a tiny amount of gaseous tritium, the power supply for the device. Beta-particle radiation (ie. electrons, released by the gaseous tritium as it decays) is harnessed to energise a phosphor coating on the inside surface of the capsule, causing it to glow. As a sealed source, they are non-emissive and of very low energy levels, so there is no external radiation risk. Every trigelight® source light is manufactured and tested in accordance with the UK MOD Defence Standard 62/4. GTLS contain no moving parts and, because the unit is continuously energised, an off/on switch is not required. They will remain energised for more than 10 maintenance-free years, even during extended periods of complete darkness. Trigelight® devices can be used in any environmental conditions, even under water, and in temperatures ranging from -20° to 70°C. They are suitable for operation in Zone 0 hazardous areas.

# SELF-LUMINOUS SAFETY MARKER

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## Specification

MegaGlow's are moulded in clear grade V0 polycarbonate, providing a tough protective enclosure and making them highly shock resistant. Stainless steel end-caps provide an attractive yet durable finish.  
 Length: 41.0mm Diameter:10.5mm Overall Weight: 8.0g  
 Split-Ring Diameter: 35.0mm Maximum Activity: 15.0 GBq

Style	Green	UV-Blue	Yellow	White	Red	Orange	Ice-Blue	Purple	Pink
Smooth	TD-1211	TD-1212	TD-1213	TD-1214	TD-1215	TD-1216	TD-1217	TD-1218	TD-1219
Dimple	TD-1221	TD-1222	TD-1223	TD-1224	TD-1225	TD-1226	TD-1227	TD-1228	TD-1229



White "Smooth" illustrated

## Colour & Packaging Options

Firefly MegaGlow safety markers are available in nine colours; green, UV-blue, yellow, white, red, blue, orange, ice-blue, purple and pink. Each unit is supplied packaged in a compact eurohook pack.

## MegaGlow Applications

- **Equipment & stores location / identification**
- **Route, trench locations / identification**
- **Personnel marking during night operations**
- **Marking of obstacles and hazards**
- **Aiming point and bearing marker**

## Functional Finish and Form

Although stylish in appearance, MegaGlow safety markers are designed with simplicity and versatility in mind. As compact, lightweight and simple as possible, they will simply do the job and give years of safe, dependable, practical service.

# SP2

Self Powered Safety Products  
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