

- INTRODUCTION -

This LS equipment uses electric energy to produce autonomous, intensely bright linear markings covering long distances, for marking out, guiding and identifying over long periods when visibility is low or zero. It offers valuable aid to operators who require guide and visual markers, enabling them to carry out successive operations on the same site without losing time.

- DESCRIPTION -

Comprised of 2 connected sub-units:

1. A luminescent cable of variable length connectable to the battery pack, coded Wxxx,
2. A 200 meter water tight, rechargeable battery pack coded LSP

The LSP battery pack is a cylindrical unit fitted with a handle and includes an electric module and electronics. The LSP is equipped with a variable 3 position on-off switch (to allow the light to flash), a low-battery indicator, a plug for external charging, a pressure safety valve and a water tight connector for cable installation.

The Wxxx luminescent cable emits continuous LED light that is very bright and intense along its entire length. One end of the 5mm line is fitted with a reinforced, water tight receptacle connector and a wrist strap socket, and the other end is doubled with a 50cm stainless steel cable ending with a buckle and snap hook. The cable is available in lengths for 20m up to 140m. All lines are interchangeable, regardless of the length. Standard color is lime (green-yellow).

Autonomy: the time between charging depends on the length of the line connected and ranges from 4 to 7 hours.

- OPTIONS -

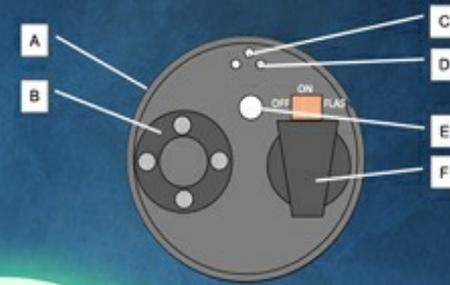
- Long length LS model devised for operating line over 140m up to 300m
- For significant tractive force > 10KG, a reinforced aramid line is available for traction up to 15KG
- Quick draws
- Other colors: blue, white, pink
- 12V battery using cigar lighter

- USE -

The LS kit can be used under water in depths of up to 200m and any other environment outside the water. It is not appropriate for direct exposure in fire and high temperature environments. This equipment is designed as security and visual marking and has to be used for this purpose only. Contact us for any other requirement, specially with mechanical constraints.

- MAINTENANCE -

LS material is designed for intensive use. It requires no particular care except for rinsing with clear water after use, especially in sea water.



- LSP PACK -

- A. Anodized aluminum body with 2 leak tight screw ends
- B. Connector with a stopper cap to be removed before connecting the line
- C. White point : locating key for charging connector
- D. External charging pins
- E. Charge indicator using diode + pressure valve
- F. 3 position switch (clockwise) ON-OFF-FLASH

- SUPPLY -

LS equipment = LSP + LINE Wxxx to length + AC/220 main charger + instructions

- MAIN FEATURES -

- A. Luminescent Line: Wxxx (xxx = length in meters)
 - Standard temperature for use: -20°C / +70°C
 - Maximum temperature for use: +120°C (in which case, return to factory for checking)
 - Recommended tractive force: 100N (10KG) / maximum 200N (20KG)
 - Nominal radius elbow: 60mm / Minimum: 35mm (risk of deterioration)
 - Usage pressure: up to 20 bars (200m depth)
 - Lifespan: 1,000 hours or 3 years (under normal conditions)
 - Line weight: ± 0.035KG/m
 - Color : lime (green yellow)
- B. Battery Pack: LSP
 - Battery NiMH - 13.2V / 4.5A
 - Maximum battery autonomy: 4 to 7 hours depending on line length
 - Number of cycles: > 500 charges
 - Charge: mains supply 110-220VAC
 - Minimum charge duration 4 hours (full charge using rapid charger)
 - Factory return for checking after using 500 times or for 3 years
 - Weight: Air 1,500g / Water 750g
 - Electric discharge control





AUTONOMOUS ELECTRO LUMINESCENT GUIDE LINE

- TYPE LS STANDARD -

SECURITY EQUIPMENT FOR SUB AQUATIC AND ON GROUND USE



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