



ENGLISH

INSTRUCTION MANUAL

SILVERLIGHT 20-35 STARDUST 20-50 SILVERLIGHT SPELEO

We at Omersub have relied on this range of lights to match high performance, such as durability, top-notch light and remarkable reliability with compact, cost-effective products.

No doubt the core of this product is the electronic circuit, based on low-consumption CMOS-type SMT technology.

This electronic circuit and the new magnetic switch, which turns on a reed-switch, prevents the power absorption typical of mechanical switches, thus resulting in enhanced durability and battery range as well as whiter light.

In addition, as the light is not provided with a through switch, it is more difficult for water to be let in and cause floods.

Furthermore, the electronic system causes the lamp to automatically turn off and start blinking when the voltage across the battery pack falls below a certain level.

Therefore, divers can properly manage the few minutes they have left, while preventing the polarity of one or more parts of the battery pack from being reversed and gas from being formed.

To enhance user friendliness and reliability, the electronic system automatically turns the lamp off whenever a recharge jack is plugged in, thus preventing both the charger and the batteries from being damaged. The light is also provided with an overpressure valve set at 1 bar, preventing it from bursting if gas forms accidentally.

The main body is made from anodized anticorrosive aluminium; the reflectors are made from matt aluminium, thus resulting in an outstanding light beam: highly concentrated in the middle, with a large round corona which allows a large area to be lit.

The Xenophot lamp casts an extremely white beam at a temperature of 3200°K.

Tempered glass (6 mm thick) has been used to prevent light distortion.

SPECIFICATIONS

- Numerically controlled body and metal parts made from anodized anticorrosive aluminium.
 - Rechargeable nickel-metal hydrate (Ni-Mh) battery pack.
 - Intermediate beam spot reflector.
 - Interchangeable Spot and Soft reflectors designed for Stardust models.
 - Shaped aluminium handle with hole designed for lace.
 - Rotating magnetic switch, three positions (lock, off, on).
- It is not a through switch. Therefore, it makes it more difficult for water to be let in; very low dispersion compared to mechanical switches; maximises range and actual voltage of lamp.

WARNING: read the instructions carefully

- Xenon halogen lamp.
- Mechanical lock for preventing accidental switching.
- Explosion-proof valve set at 1 bar.
- Multifunctional electronic circuit: prevents batteries from being overdischarged and light from turning on when recharge jack is plugged in.
- Plastic internal safety cursor to prevent light from turning on.

Specifications:	Silverlight 20	Silverlight 35	Stardust 20	Stardust 50	Silverlight Speleo
Reflector material	Anticorrosive Aluminium	Anticorrosive Aluminium	Anticorrosive Aluminium	Anticorrosive Aluminium	Anticorrosive Aluminium
Glass	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Oblò	6mm tempered	6mm tempered	6mm tempered	6mm tempered	6mm tempered
Weight in air	673g	1000g	713g	1077g	1297g
Weight in water	385g	592g	405g	649g	816g
Length	181mm	257mm	181mm	257mm	210+93mm
Diameter	55mm	55mm	55mm	55mm	55mm
Switch	Magnetic	Magnetic	Magnetic	Magnetic	Magnetic
Standard lamp	20W Xenophot	35W Starlite	20W Xenophot	50W Xenophot	50W Xenophot
Colour temperature	3200°K	3200°K	3200°K	3200°K	3200°K
Beam	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate
Batteries	Ni-MH 6V	Ni-MH 12V	Ni-MH 6V	Ni-MH 12V	Ni-MH 12V
Safety blinking	Yes	Yes	Yes	Yes	Yes
Recharging socket	Internal	Internal	Internal	Internal	Internal
Max. depth	100m	100m	100m	100m	100m
Optional equipment			Soft reflector Spot reflector	Soft reflector Spot reflector	

WARNINGS

- **Remove the lamp** and fit the internal **plastic cursor** into the recharge socket if it is not used for long periods or while handling.
- Do not turn the light on out of water.
- Do not unscrew the head or the base of the light while diving or if wet.

CHECKS BEFORE DIVING:

- Make sure **the body is perfectly closed**.
- Immediately after plunging, put the light under water, to make sure **that no bubbles come out of it**.

FLOODING

In case of flooding, **open** the light and **immediately rinse** the internal parts with **fresh water**; then **dry** with a cloth and air, being careful not to damage the electronic circuit. Remove any oxide from the metal parts and immediately recharge.

If plenty of water has been let into the light and has remained there for a long time, it is recommended that the protective plastic film should be removed and the instructions followed.

OPERATING LIMITS:

- Maximum operating depth: 100 m.
- As the lamp reaches high temperatures, **it is recommended that the light should be used only under water**.

REPLACING LAMP:

- Unscrew the light and pull the internal battery pack out.
- Pull out the lamp and put the new one in, avoiding touching it with your hands (use a cloth).
- Place everything back, making sure that the lamp is aligned with the reflector hole.
- Close the light.

MAINTENANCE:

Follow the instructions below:

- Always carry the light in either a protective bag or the hard-cavity case supplied with it (Stardust)
- Avoid any impacts.
- Do not expose to sunlight for long periods.
- After each dive (Sea, Lake or Pool) **always rinse with fresh water** and dry.
- **Check the O-ring** whenever the light is opened. Clean and lubricate it with silicone grease.
- It is recommended that the light should be checked by an authorized Omersub centre on a yearly basis.

OPTIONAL EQUIPMENT:

- 10 and 20 W / 6 V lamps G4 fitting (for Stardust 20 and Silverlight 20).
- 20, 35 and 50 W / 12 V lamps G6.35 fitting (for Stardust 50 and Silverlight 35).

WARRANTY

All of Omersub's products are covered by warranties guaranteeing Omersub's responsibility for any material or manufacturing defects over a period of two years as from the purchasing date.

PRODUCT:

SERIAL NUMBER:

SHOP NAME:

SEAL:

DATE OF PURCHASE:

NAME:

ADDRESS:

CITY:

NB: This warranty shall not cover any damage resulting from the following:

- Misuse.
- Changes made or repairs carried out by unauthorized personnel.
- Prolonged use in chlorinated water.
- Use in polluted water.
- Use in any liquids other than water.
- Prolonged exposure to high temperatures or sunlight.

Omersub shall not be liable for any damage to the user caused by misused equipment, or for any immediate or consequential damage to people or things caused by failure to use the product for some time.