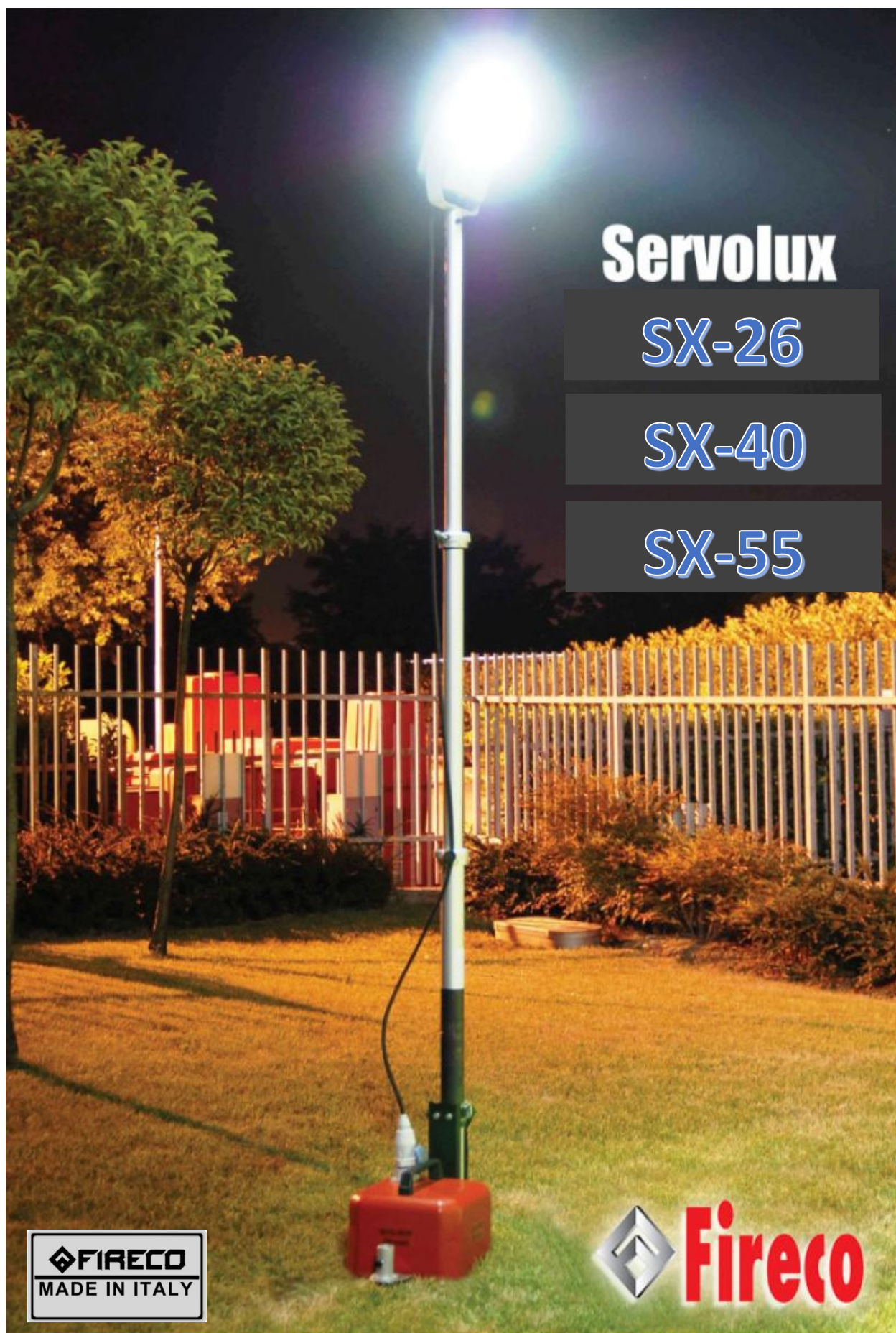


Servolux



**Servolux**

**SX-26**

**SX-40**

**SX-55**



## **Servolux SX series**

The Servolux **SX-26, SX-40 and SX-55** series is Fireco product made in Italy, meant for emergency lighting when power source is not available. They can grant with a great autonomy with very low weight, easy carry & portable with modular concept. The power supply is from the battery.

### **Battery**

The power is given by a rechargeable 12V with high efficiency battery. With the highest quality **AGM (Absorbed Glass Mat) technology**, this battery is acid emission-free, non-spill able and requires no maintenance because they are sealed. Each single cell of the battery has a built-in unidirectional security valve in order to prevent gas overpressure due to misuse. A **corrosion resistant portable metallic battery base** (especially important for patrol boat in sea fog condition) and the plastic molded cover is completing the battery container. On the upper part there is a weather proof socket allowing the floodlight or other compatible devices feeding as well as to recharge the battery. A battery charger will be provided, which is more effective in terms of charging time and much more compact compared to others, mainly for portable application. With **battery indicator**, indicating battery level.

### **Pneumatic Telescopic mast**

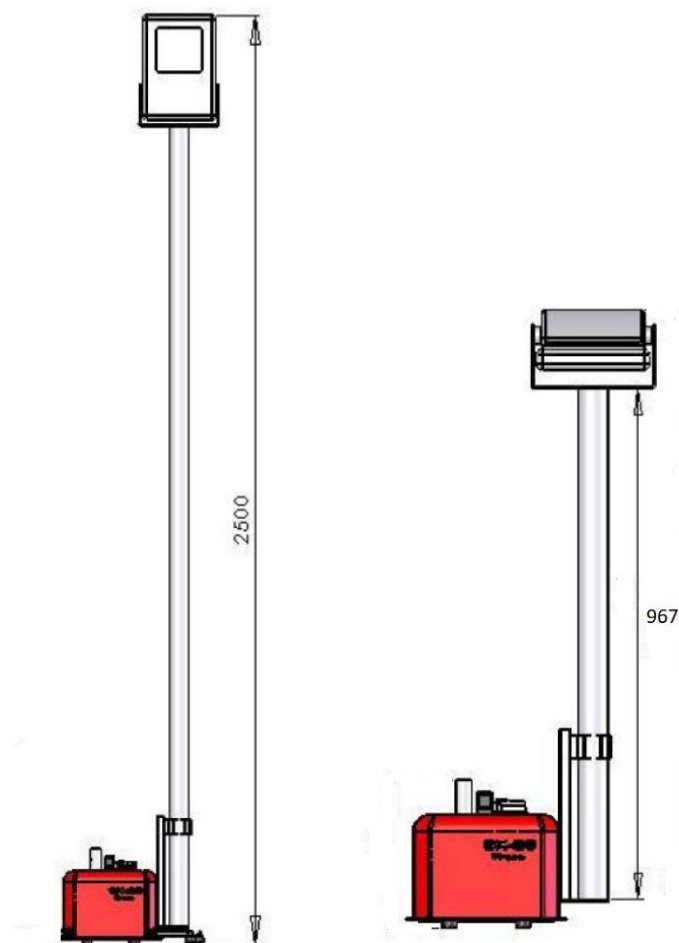
The pneumatic telescopic mast is made by **fully anodized Aluminium light alloy**, which is corrosion proof, with **3 sections** and the **main tube is Ø52mm**. It is equipped with **innovative “Twin Lock” system** in order to stop the mast at any height, manually turn the light 360°, and prevent turning when subjected to strong wind. The mast is fixed on the unit by a fixed joint at the bottom and by spring clamping fit on a metallic holder, allowing an easy and quick mounting and disassembly.

The mast is manually extendable / retractable and it has an **air cushion amortizing a possible fast extension or retraction** of the section and therefore does not damage the floodlight. The mast completely retracted is 967mm, **complete system extended is 2500mm**. There is a seat on mast top to fit the floodlight.

### **Floodlight**

LED floodlight of **50W (8,800 lumens)** or **80W (12,320 lumens)**, 12V, is weatherproof with **IP66** rating, and has a lifetime of **100,000 hours**. At **1.1kg**, it is lightweight and portable.





*\*Drawing for reference, actual dimensions may vary*

| Ref.         | Battery capacity (Ah) | Autonomy (Hours)            | Lamp type           | Total system extended height (mm) | Mast retracted height (mm) | Weight (kg) |
|--------------|-----------------------|-----------------------------|---------------------|-----------------------------------|----------------------------|-------------|
| <b>SX-26</b> | 26                    | >4 hours (if fully charged) | 50W or 80W LED IP66 | 2500                              | 967                        | 18          |

| Ref.         | Battery capacity (Ah) | Autonomy (Hours)            | Lamp type           | Total system extended height (mm) | Mast retracted height (mm) | Weight (kg) |
|--------------|-----------------------|-----------------------------|---------------------|-----------------------------------|----------------------------|-------------|
| <b>SX-40</b> | 40                    | >6 hours (if fully charged) | 50W or 80W LED IP66 | 2500                              | 967                        | 26          |

| Ref.         | Battery capacity (Ah) | Autonomy (Hours)            | Lamp type           | Total system extended height (mm) | Mast retracted height (mm) | Weight (kg) |
|--------------|-----------------------|-----------------------------|---------------------|-----------------------------------|----------------------------|-------------|
| <b>SX-55</b> | 55                    | >8 hours (if fully charged) | 50W or 80W LED IP66 | 2500                              | 967                        | 28.5        |

## CODES FOR ORDERING

- 10.621** = Portable base with mast holder SX 26  
**10.622** = Portable base with mast holder SX 40  
**10.623** = Portable base with mast holder SX 55  
**10.606** = Mast Ø52 - 3 sections

## ACCESSORIES



|               | WorkLED LZ 50W<br>Code : 10.631 | WorkLED LZ 80W<br>Code : 10.637 |
|---------------|---------------------------------|---------------------------------|
| Power         | 50W                             | 80W                             |
| Lumens        | 8800 LM                         | 12320 LM                        |
| Voltage       | 12-40 VDC                       | 12-40 VDC                       |
| IP Protection | IP 66                           | IP 66                           |
| Dimensions    | 128 x 148 x 70 mm               | 128 x 148 x 70 mm               |
| Weight        | 1.1 Kg                          | 1.1 Kg                          |



**10.620**

n° 4 Stabilizing feet adjustable in height



**10.624**

Battery charger 12V/230V 4A/h for SX26



**10.625**

Battery charger 12V/230V 10A/h  
for SX40 and SX55



## Key features:

### 1. Pneumatic Telescopic Mast



- Fully anodized Aluminium alloy, providing corrosion proof in sea fog condition when using on sea patrol boat.
- 3 sections tubes with main tube diameter of 52mm, providing sturdy and stable deployment.
- Innovative “Twin Lock” system, enables extension and stop at any height, and prevent turning when subjected to strong wind.
- Manual turnable 360°, provide full illumination coverage.
- With air cushion, amortizing a possible fast extension or retraction of the section and therefore does not damage the floodlight.
- Mast top with slot for fitting of lamp unit.

### 2. Battery Pack



- 12V high efficiency rechargeable battery.
- AGM (Absorbed Glass Mat) technology, battery is acid emission-free, sealed, non-spillable, requires no maintenance and no leakage.
- Each single cell of the battery has a built-in unidirectional security valve in order to prevent gas overpressure due to misuse.
- Corrosion resistant portable metallic battery base with a light weight plastic moulded cover, especially important for patrol boat in sea fog condition.
- With battery level indicator.
- With clamp and strap for better and easy securing of the mast and easy dismantle.

### 3. Intelligent Battery Charger



This is an intelligent Compact Battery Charger for charging the battery

The charger has LCD display that shows:

- Battery charging status,
- Setting of the charger
- Codes of any anomalies and test results