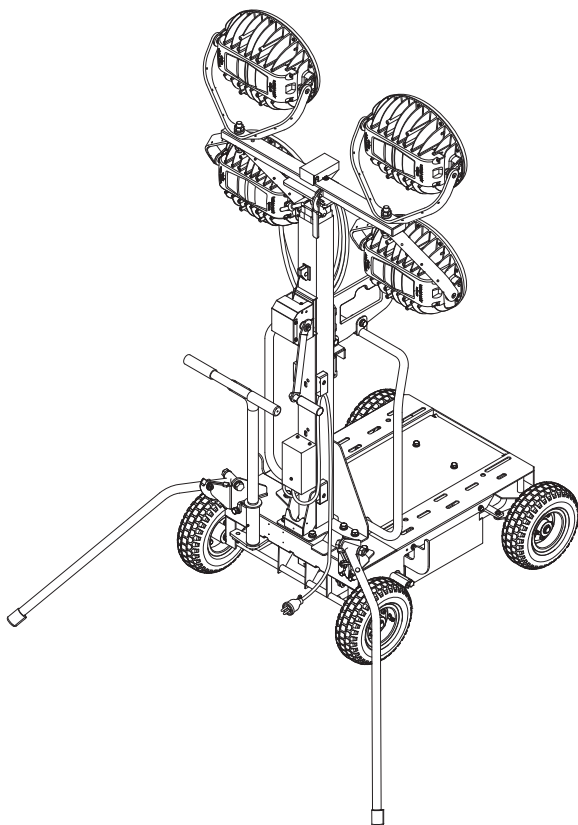


# OPERATION MANUAL

## ***LIGHT BOY***

**MODEL S3X4CS-CE  
S3X4CS-A-CE**



Never attempt to operate or service the equipment before reading the entire manual. Failure to read and understand the safety messages and operating instructions could result in injury to yourself and others.

For your own safety and protection from physical injury, carefully read, understand, and observe the safety instructions described in this manual.

# NOTES

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## **Thank you for purchasing LIGHT BOY S3X4CS-CE/S3X4CS-A-CE**

- This manual contains information and procedures for the safe operation and maintenance of LIGHT BOY Products.  
Always read and understand all instructions before operating the lighting system.
- Keep a copy of this manual with the unit at all times.
- If this manual is lost or damaged, please notify the dealer from whom you purchased the product or contact LIGHT BOY for assistance.  
For general or technical questions, please contact LIGHT BOY. Please have your serial number available.
- To ensure safety and quality improvement, LIGHT BOY CO., LTD. and its affiliates reserve the right to make changes and modifications to the product without prior notice.

Instruction Manual	S3X4CS-CE S3X4CS-A-CE	Code NO.	B-0000545-00
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# In order for you to use safely

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- The three safety messages shown below will inform you about potential hazards that could injure you or others.

The safety messages specifically address the level of exposure to the operator and are preceded by one of three words:

DANGER, WARNING, CAUTION.

Obey all safety messages that are described in this manual to prevent the possibility of improper service, damage to the equipment, personal injury or death.

- General Safety Information



INDICATES A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY.



Indicates a hazardous situation which, if not avoided, could result in death or serious injury.



Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

In addition, if not avoided, could result in property or equipment damage.

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# Notice for safe use

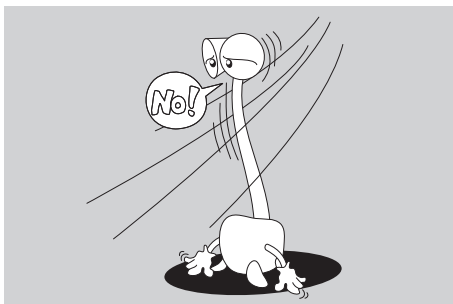
## ■ Installation

### Never use in strong winds

#### ⚠ DANGER

Using the lighting system in strong winds may cause injury or accidents due to falling or tipping over.

- Lower the mast if the lamp sways in strong winds. If shaking persists, discontinue use to prevent harm or damage.



- ◆ Always make sure the area (6m radius) around the lighting system is clear and safe.

### Please install on a flat surface

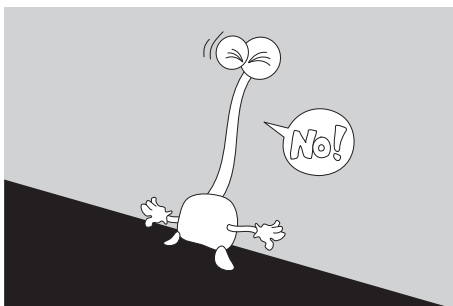
#### ⚠ DANGER

If it is installed in an unstable place, it may fall or be damaged.

#### ⚠ CAUTION

Please pay close attention to your feet during installation.

- Install it on a flat surface where the legs can be fully deployed to prevent it from tipping over.



### Please use the outrigger

#### ⚠ DANGER

Always make sure to deploy the outriggers and ensure they are locked when in use to prevent tipping over. There is a risk of tipping over in strong winds or when the generator is not mounted.

#### ⚠ DANGER

The risk of tipping varies according to the setting condition. For extra safety, use a rope and chocks to steady the lighting system.

#### ⚠ DANGER

Please pay close attention to your feet during installation.

- If the generator is not installed, please use a weight equivalent to the generator (approximately 100 kg).

## Use the parking brake

### **⚠ DANGER**

Failure to apply the parking brake may result in an unexpected accident or injury.

### **⚠ DANGER**

If the tire pressure is low, the brake may not be applied firmly or the balance may be disturbed, resulting in a fall or accident.

- Always ensure that the parking brake is applied when stopping.
- Check and adjust air pressure before use.

## Never install the lighting system near a fire

### **⚠ DANGER**

Installing the product near fire or exposing it to flames may result in a fire hazard. Please exercise caution and keep away from any potential sources of fire.

- It is important to check that there are no flammable objects or fires in the vicinity of the lighting system before installation.

## Tighten the adjust lever, fold lever and bolts properly

### **⚠ DANGER**

If the adjust lever, fold lever and bolts is loose, the lamp or mast may fall, resulting in injury or damage.

- When storing and folding the mast ALWAYS keep hands and fingers away from pinch points.

## Be careful when adjusting the angle

### **⚠ WARNING**

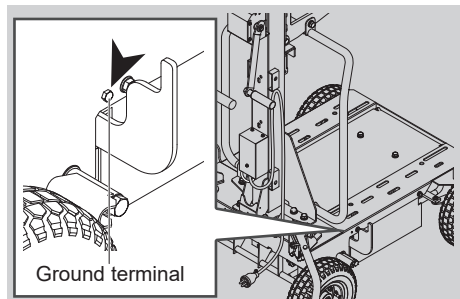
When using the adjust lever or adjusting the lamp angle, there is a risk of injuring your fingers or hands, or damaging the lamp cable.

- It is important to be cautious of your surroundings and the safety of your hands when operating the lighting unit.

## There is a ground connection terminal to the lighting system

### **⚠ CAUTION**

To prevent electric shocks, always connect to the ground.



## ■ Transportation

### Check the lighting system before transportation

#### ⚠ DANGER

Always tighten the adjust lever, fold lever and bolts firmly and ensure the lighting unit is fixed to the mast before transporting the lighting system, to prevent the lighting unit from falling down or being damaged in transport.

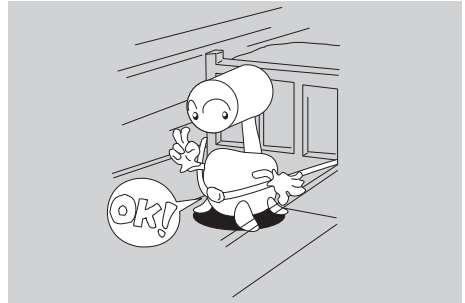
- Do not use the lighting system or generator during transportation.
- When transporting, please fold down the lighting unit and ensure that the adjust lever and fold lever is tightened.
- During transportation, please be cautious and make sure your feet do not get caught in the tires.

### Please securely fixed

#### ⚠ DANGER

If the lighting system is not fixed, may be damaged or fall, resulting in a serious accident.

- When transporting by a vehicle, Apply parking brake and tie down securely to prevent movement.



### Beware of the height

#### ⚠ DANGER

To avoid the risk of losing balance and falling over, always retract the mast when in motion.

#### ⚠ DANGER

Transporting the lighting system while the mast extended could collide with overhead obstructions.

Contact with overhead power lines or other obstructions could result in equipment damage, electrical shock, electrocution and even death.

- Always lower the mast fully and fold the lamp stand before transporting the lighting system, to prevent the lighting systems from bumping into a tunnel or against a guard during transport in a truck. Please lock the adjust lever and fold lever.

◆ Height when stored : 1710mm



## Be careful for transporting on slope

### **⚠ DANGER**

Adjust braking force depending on movement of the unit on the slope where it can be moved by its own weight when you release the brake.

- Do not transport the unit by human power on a steep slope where the cart could move by its own weight. Use a vehicle to the installation place.

## Be careful when loading on to the truck

### **⚠ DANGER**

Loading and unloading on an unstable place may cause the fall of the unit resulting in defect and/or injury.

### **⚠ DANGER**

When brake is released, the unit moves by its own weight and may cause the fall resulting in defect and/or injury. Put on parking brake and use wheel stoppers.

- Load and unload on a flat place.
- Keep eyes on movement of the unit during transportation.

## Please use the designated lifting point

### **⚠ DANGER**

Never lift up the lighting system at any point except the specified one. Using the other point could result in bodily injuries.

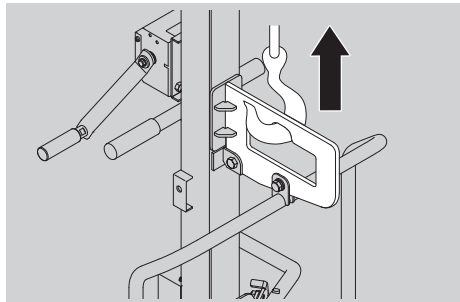
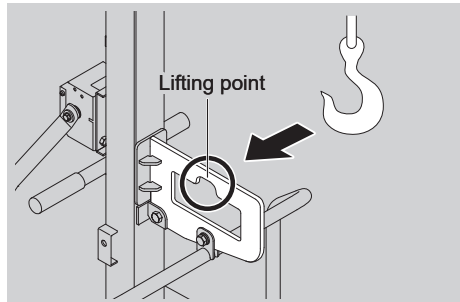
### **⚠ DANGER**

The wire to be come off or the lighting system to be overturned and result in bodily injuries.

### **⚠ DANGER**

Do not hang in strong winds.

- The lighting system can be lifted in a well-balanced posture at the specified point when the generator is mounted.
- Lower the mast fully when moving or lifting the lighting system.



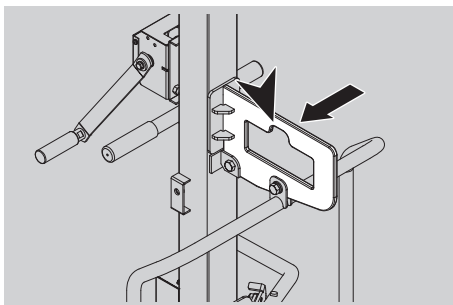
## Be careful to forklift work

### **⚠ DANGER**

Be careful not to make a sudden stop or a short turn when conveying lighting system by forklift, to prevent it from falling down.

### **⚠ DANGER**

Using any area other than the fork pockets to lift the lighting system may result in it falling, causing damage or serious injury.



- It is important to be cautious of your surroundings when transporting the lighting system with a forklift.
- When lifting the lighting system with a forklift, always use the fork pockets located on the hanger.

## Do not make an impact to lamp

### **⚠ CAUTION**

A strong impact may significantly reduce the life of the lamp or damage it.

- Please be careful when transporting, loading and unloading.

## Be careful during transporting

### **⚠ CAUTION**

Please be aware that the lighting system is quite heavy and could cause harm or damage if collides while in motion.

- Please ensure there are no individuals or objects close before moving the lighting system.
- Please take care to avoid rolling over your own feet while moving the lighting system.

## ■ Lifting operation of mast

**Please be careful when you raising and lowering the mast**

### **DANGER**

Corrosion and wire rope, please as soon as possible exchange when the fray has occurred.

### **DANGER**



Always make sure the area above the lighting system is open and clear of overhead power lines and other obstructions. Contact with overhead power lines or another obstructions would result in equipment damage, electrical shock, electrocution and even death.

### **WARNING**



Be careful not get your fingers caught in the mast when raising and lowering the mast.

### **CAUTION**

When raising the mast, please make sure that there is nothing overhead. When the mast is in contact with equipment and contact matter, it may be damaged.

### **CAUTION**

Pay attention to the lamp cable. If it becomes entangled, there is a risk of disconnection or damage.

◆Please check the safety of surroundings before raising or lowering the mast.

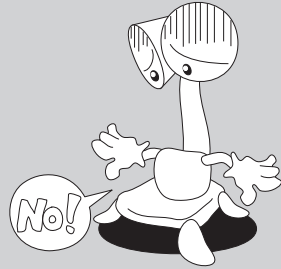
## ■ Generator

### Use appropriate generators

#### ⚠ CAUTION

It may not light up due to generator matching issues.

- If an output power of the generator is not appropriate, the life of the generator will be shortened and the lamp may turn off or blink.



### Do not start or stop the generator with the power plug plugged in

#### ⚠ CAUTION

If you start or stop the engine with the power plug plugged in, the generator may be damaged.

- The status of the generator is unstable immediately after starting and stopping the engine. Do not insert the power plug of the lighting system until the generator is stabilized.

### Please observe the handling precautions of generator

- If using a generator to power lighting system, refer to applicable generator manual safety information section.

## ■ Operation

### Please note electric shock and leakage

#### ⚠ DANGER



NEVER operate the lighting system or handle any electrical equipment while standing in water, while barefoot, while hands are wet or in the rain. A dangerous electrical shock could occur, causing severe bodily harm or even death.

- Make sure the outlet is IP54 rated or above.
- The lighting system is not waterproof. Do not use it in rain or snow, in a place where it may be splashed with water, or immerse it in a puddle.
- STOP using the lighting system immediately if submerged in water.
- The lighting system is equipped with a ground pin on the power plug. For your protection, ALWAYS complete the grounding path. NEVER insert the AC power plug into a 2-prong receptacle to operate lighting system. When applying power to the lighting system, ALWAYS connect the AC power plug to a 3-prong receptacle that is grounded. Failure to follow could lead to electrical shock, electrocution and even death.

## Please note the power plug and terminals

### **DANGER**

Do not touch the power plug or terminals during operation. There is a risk of electric shock.

### **DANGER**

ALWAYS stop using immediately, if the AC cable generates excessive amount of heats.

- Make sure that the power plug is free of dirt and foreign substances before inserting it firmly into the outlet.
- Unplug the power plug when not in use.

## DO NOT look the lighting unit directly when they are turned on

### **WARNING**

Staring at the light unit for an extended period of time can cause harm to your eyes.

## Do not touch the lighting units while they are turned on

### **WARNING**



The lamp portion is hot during lighting and immediately after turning off. Please allow the lamps to cool down sufficiently before working on them to avoid the risk of burns.

- Depending on the environmental temperature, the surface temperature of the spot might be high heat sometime.

## Do not apply any strong impacts

### **CAUTION**

A strong impact could damage the lamp and shorten the product life significantly.

## Please note the ambient temperature

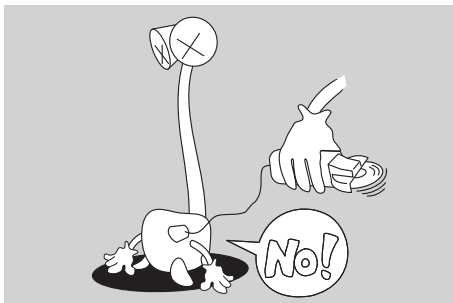
### ⚠CAUTION

If the product is used in an environment with an ambient temperature of 40°C or higher, it will begin to blink. In some cases, the light may go off.

- The lighting system should only be used in temperatures between -10° to 40° C.

## Please check the capacity of the generator when using the lighting system with other equipment

- Connecting a load that exceeds the power generation capacity will cause the lamp to turn off.



## ■ Inspection, maintenance and storage

### Please inspect and maintain



Decreased tyre pressure may result in poor braking performance.

- Before and after use, be sure to remove mud and dirt, and perform inspection and maintenance such as lubrication and grease up.
- Wipe dirt or foreign matter that may have accumulated during operation.
- If you experience any issues or abnormalities while using the product, please cease usage immediately and conduct an inspection and maintenance.
- Adjust tyre pressure. [245-294 kPa (35.5-42.6 PSI)].

### Storage

- Equipment should be stored in a clean, dry location out of the reach of children and unauthorized personnel.
- Wipe off dirt and mud before storage. Lubricate and grease up the metal parts.
- Tilt the lamp mount, accommodating the lighting system equipment.
- After lowering the mast, to loosen the tension of the wire rope.
- Please store it indoor as much as possible.
- ALWAYS store equipment properly when it is not being used.
- If it is unavoidable to store it outdoors, cover it with a tarpaulin to avoid exposure to rain and snow.

## ■ General Safety

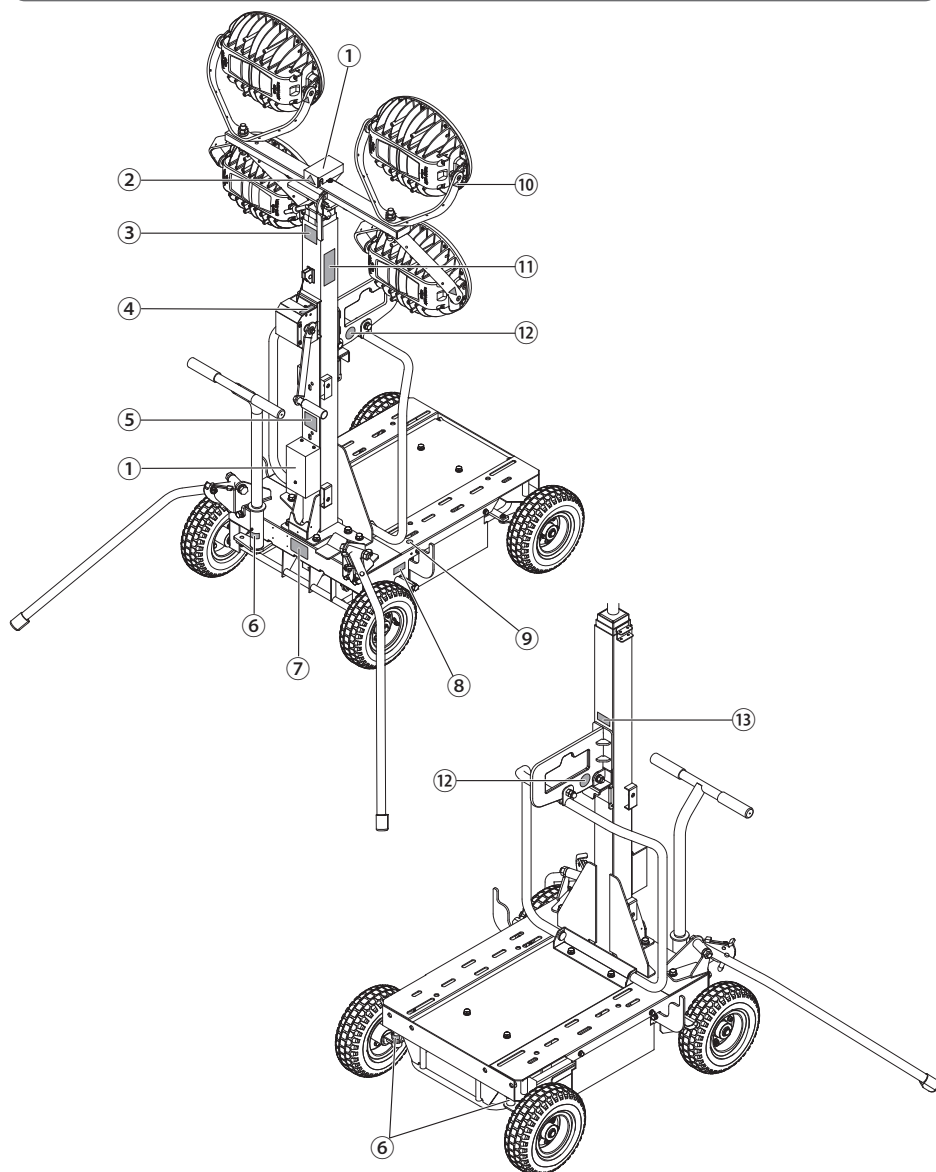
### Please take general safety

- Never operate this product under the influence of drugs or alcohol.
- Never operate this product when not feeling well due to fatigue, illness or when under medication.
- Please do not handle while wearing baggy cloth, ornaments which could possibly get caught in machine parts, or avoid wearing clothes with oil attached they can easily be flammable.
- Please dress properly for preventing injury, please wear a shoes with slipping protection.
- Please do not modify.
- Please take a look at surrounding when operating, and ensure the safety.
- If the external flexible cable or cord of this lighting system is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

# Location of warning labels

## **⚠WARNING**

This lighting system is equipped with a number of safety decals. These decals are provided for operator safety and maintenance information. The illustrations below and on the next page show these decals as they appear on the machine. Should any of these decals become unreadable, replacement can be obtained from your dealer.





①A-4006113-00



②A-4004478-00



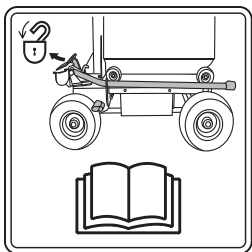
③A-4005844-00



④A-4002627-00



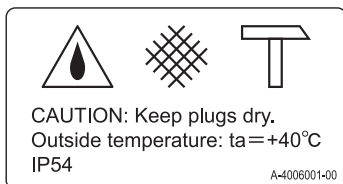
⑤A-4002539-00



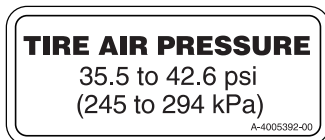
⑥A-4005019-01



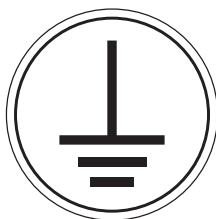
⑦A-4006001-00



⑧A-4005392-00



⑨A-4004573-00



⑩A-4004922-00  
(Both sides of all spot unit)



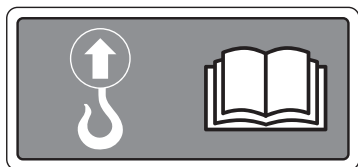
⑪A-4005843-00



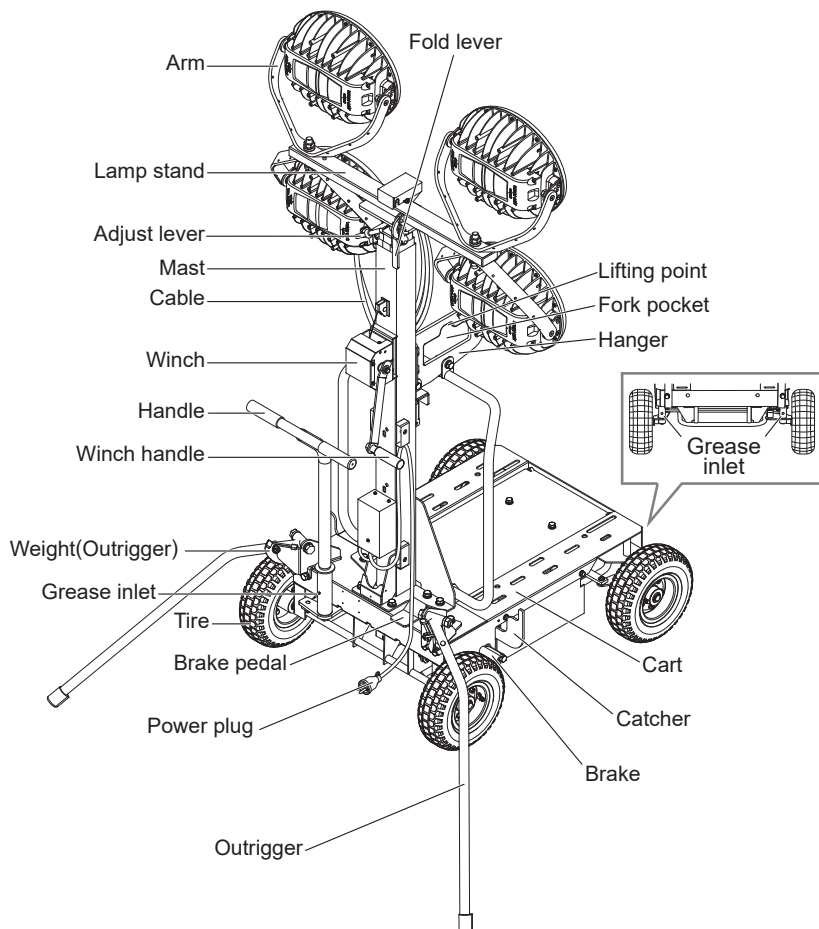
⑫A-4005796-00



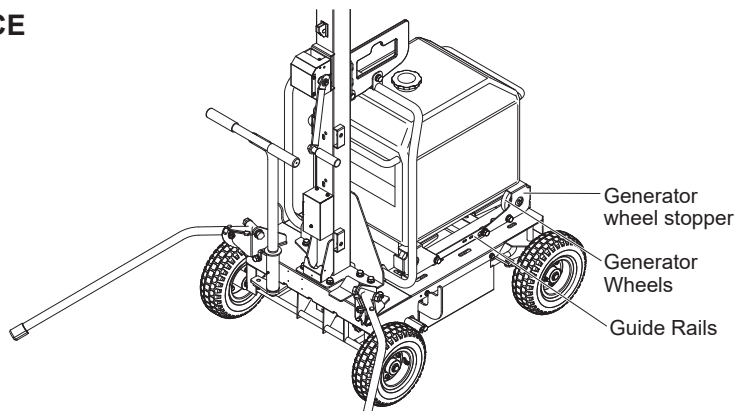
⑬A-4006106-00



# Product overview



## S3X4CS-A-CE

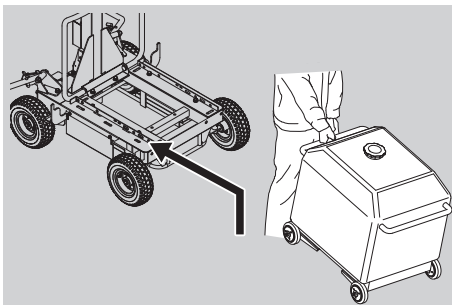


# Generator installation method

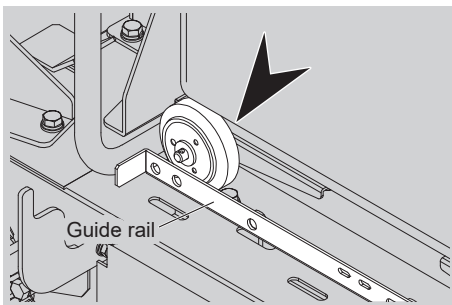
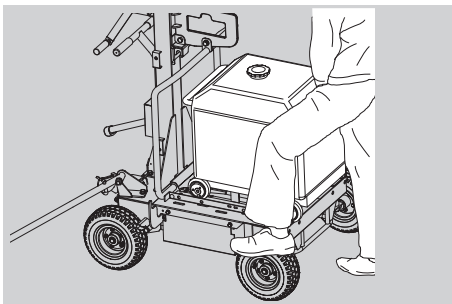
- ◆Please read this section if installing a generator.
- ◆If the unit is already in a ready-to-use state, proceed to the next section, "Basic Operation Instructions."

## ■ S3X4CS-A-CE

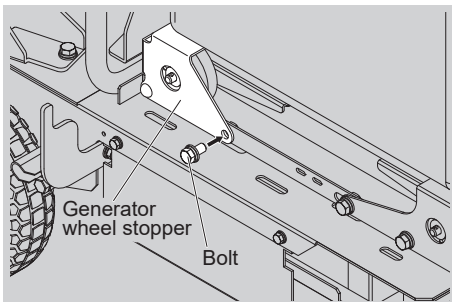
1. Lift the rear part of the generator and place the rear wheels onto the guide rail.



2. Lift the front part of the generator and slide the generator wheels all the way into the guide rail.



3. Attach the wheel stoppers and secure them on both sides using bolts to prevent the wheels from moving.

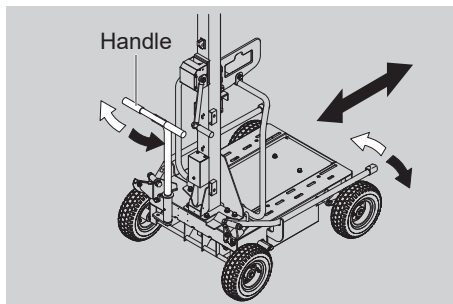


# Operation

## ■ Handle operation

### Forward and reverse travel

- Pushing the handlebar forward makes the lighting system to travel forward and pulling back the handle makes it to travel reverse.



### Right and left travel

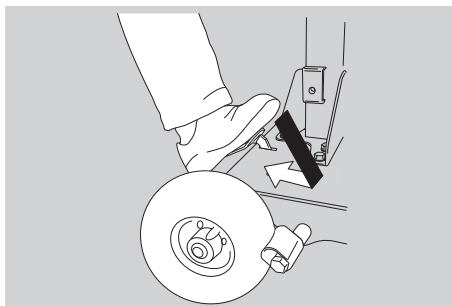
- Turn the handlebar in the left (right) direction, and the front wheels turn in the right (left) direction, respectively.

◆ The wheels are designed to turn in the opposite direction of the handle operation so that you can apply the force easier.

## ■ Parking brake operation

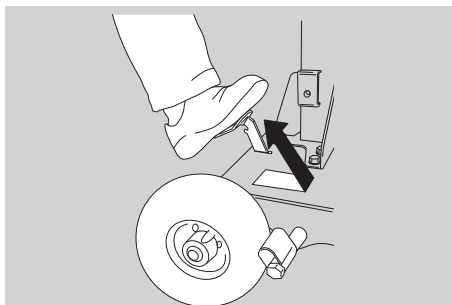
### Applying the parking brake

- To apply parking brake, step on the brake pedal and slide backward. This will lock the rear wheels. For additional safety use chock blocks to prevent rolling.



### Releasing the parking brake

- Kick down the brake pedal and hold, then release. This action will dis-engage the brake.



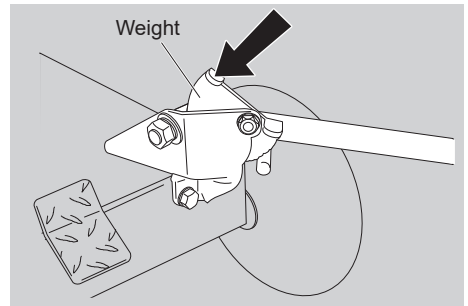
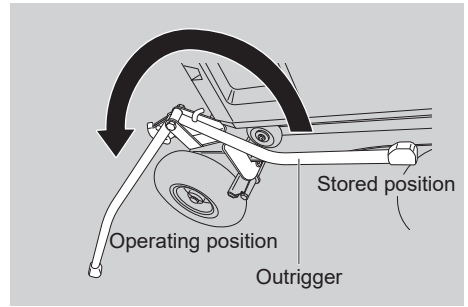
## ■ Deploying the outriggers

### Installation

#### **⚠ DANGER**

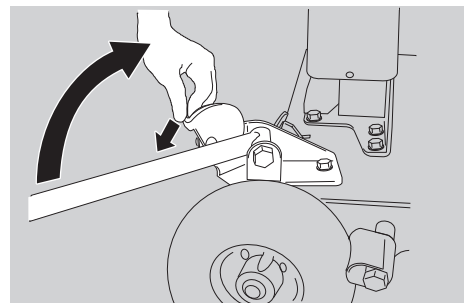
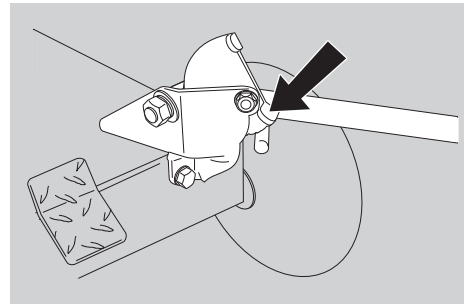
NEVER use without deploying the outrigger. The possibility exists of tipping.

- Please make sure to deploy both sides of the outriggers and ensure they are in the correct position for automatic securing.
- Please tread lightly on the area pointed out by the arrows if the counterweights for the outriggers are not functioning properly.



### Stowing of outrigger

- To release the counterweights, apply firm pressure on the area the arrow indicates.
- To properly stow the outrigger, follow these steps: hold the counterweight as shown in the illustration on the right, and then push the outrigger forward until it reaches the storage position.



## ■ Lighting angle operation

### ⚠ WARNING



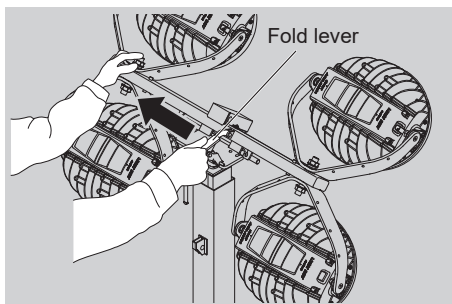
During the operation of the lever Please be careful not to pinch your fingers.

### ⚠ CAUTION

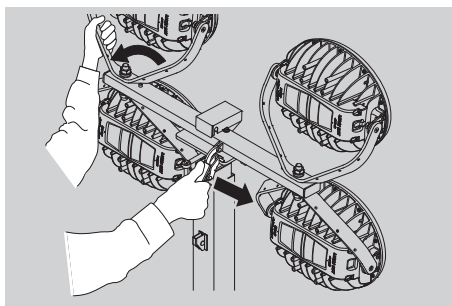
Be sure to securely tighten the adjust lever after adjustment.

### How to raise the lamp stand

1. Supporting the lighting system with one hand, pull up the fold lever. The lever is pushed up by a spring force.

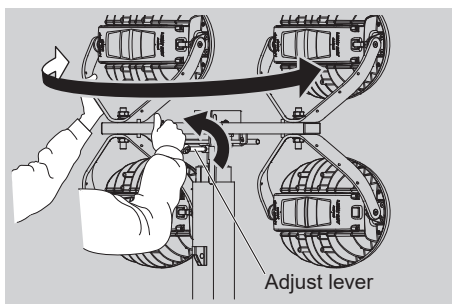


2. Push up the lighting system and pull down the fold lever to lock the lamp stand.



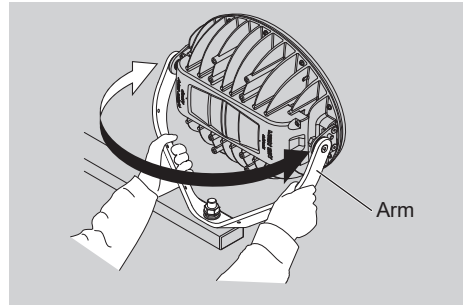
### How to turn all the lights to the same direction

- Loosen the adjust lever and turn the lamp stand to any direction.



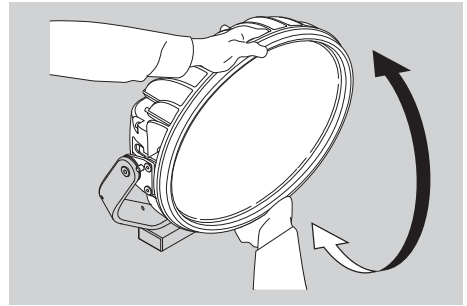
### How to turn the respective lights

- Hold the arm of each spot light Assy and turn it around the mounting bolt to change its direction.



### How to adjust the angle, of the lights

- Hold the top and bottom of the lighting unit to tilt to the desired directions.
- If you want the lamp to light directly down, tilt it slightly.





## ■ Mast operation

### ⚠ DANGER

Corrosion and wire rope, please as soon as possible exchange when the fray has occurred.

### ⚠ DANGER



Always make sure the area above the lighting system is open and clear of overhead power lines and other obstructions. Contact with overhead power lines or another obstructions would result in equipment damage, electrical shock, electrocution and even death.

### ⚠ WARNING



Be careful not get your fingers caught in the mast when raising and lowering the mast.

### ⚠ CAUTION

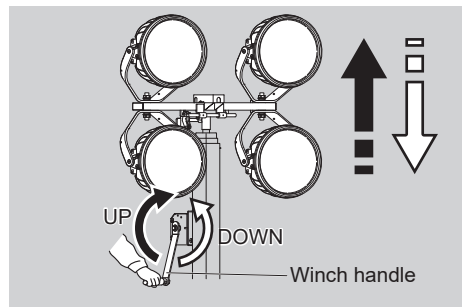
When raising the mast, please make sure that there is nothing overhead. When the mast is in contact with equipment and contact matter, it may be damaged.

### ⚠ CAUTION

Pay attention to the lamp cable. If it becomes entangled, there is a risk of disconnection or damage.

◆Please check the safety of surroundings before raising or lowering the mast.

- Turn the winch handle to raise or lower the mast for adjusting height of light. Turning the winch handle to the right (Clockwise) and left allows the mast to be raised and lowered respectively.



## ■ Lifting operation

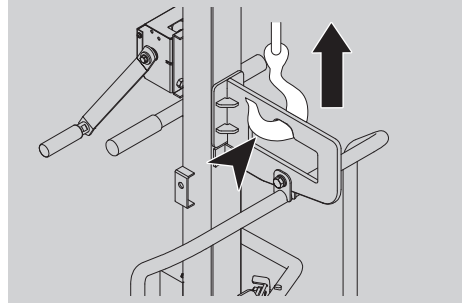
### ⚠ DANGER

Lower the mast fully when moving or lifting the lighting system. Failure to do so could cause the wire to be come off or the lighting system to be overturned and result in bodily injuries.

### ⚠ DANGER

Do not hang in strong winds.

- ALWAYS use lifting point when hanging.



## ■ Conveyance by forklift

### ⚠ DANGER

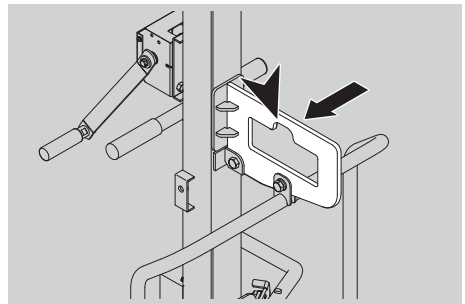
Be careful not to make a sudden stop or a short turn when conveying lighting system by forklift, to prevent it from falling down.

### ⚠ DANGER

Using any area other than the fork pockets to lift the lighting system may result in it falling, causing damage or serious injury.

- ◆ Please completely lower the mast.

- When lifting the lighting system with a forklift, always use the fork pockets located on the hanger.



# Lights on / Lights off

## ⚠WARNING

Staring at the light unit for an extended period of time can cause harm to your eyes.

## ⚠WARNING



The lamp portion is hot during lighting and immediately after turning off. Please allow the lamps to cool down sufficiently before working on them to avoid the risk of burns.

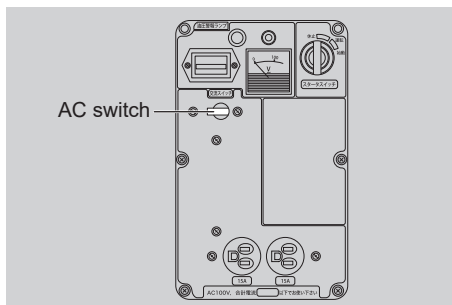
## ⚠CAUTION

Starting and stopping the generator with the AC switch in the ON position may cause the generator to malfunction. If the generator does not have an AC switch, start / stop the generator with the plug unplugged.

## ■ Turning lights on

- ◆Make sure oil, fuel and battery liquid are filled.
- ◆Make sure the main switch of the generator is OFF.
- ◆Make sure the generator is properly grounded with a ground bar etc.
- ◆If there are any electrical appliances connected to the generator, please ensure that there is enough electrical capacity available for the lighting system.
- ◆Allow the generator to warm up for approx. 3 minutes.

- 1.Start the generator. (Please check the instruction manual of your generator for the starting procedure.)
- 2.Once the generator has stabilized, plug the power plug into the outlet.
- 3.The AC switch of the generator is ON.



## Powering from Generator

- 1.Turn off the AC switch of the generator.
- 2.Stop the generator.

- ◆Be sure to shut down the generator last.

## Powering from commercial power supply

- Unplug from the commercial power Supply.

# Storage

## ⚠ WARNING



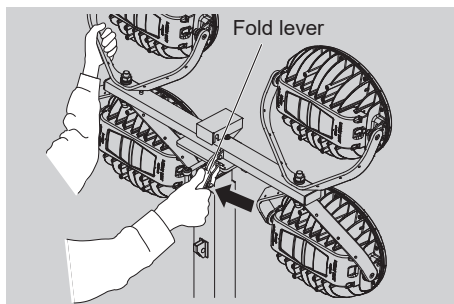
The lamp portion is hot during lighting and immediately after turning off. Please allow the lamps to cool down sufficiently before working on them to avoid the risk of burns.

## ⚠ WARNING

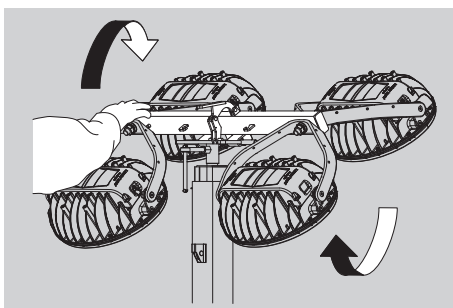


During operation of the lever, please be careful not to pinch your fingers.

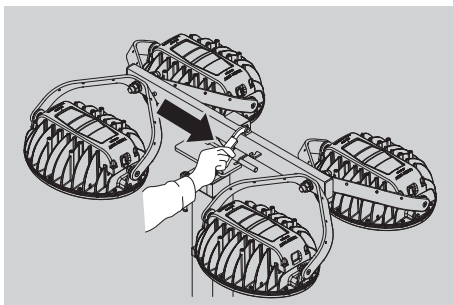
1. Set the lighting systems facing the front.
2. Holding the lighting system with one hand, pull up the fold lever.



3. Push down the lighting system. Exerting force is required to turn it down because springs are installed.



4. After completely pressing down the lighting system, push down the fold lever to lock the lamp stand.



# Inspection / Maintenance / Storage

## **⚠ WARNING**



Never attempt to service or perform maintenance when the power is ON. The possibility exists of short circuit. Please pull out the power plug from the power source.

## **⚠ WARNING**



The lamp portion is hot during lighting and immediately after turning off. Please allow the lamps to cool down sufficiently before working on them to avoid the risk of burns.

## ■ Inspection / Maintenance

● For a prolonged life cycle and extended quality follow the recommended guidelines.

■ ...Daily Check    □ ...Every 20hrs    ● ...Every 100hrs    ○ ...Every 500hrs

- ◆ Hours are just an estimation. Please inspect every time before using the lighting systems.
- ◆ Please read and follow the supplied generator manual for the generator.

## ■ General inspection

● The lighting system should be cleaned and inspected for deficiencies. Check for loose, missing or damaged nuts, bolts or other fasteners.

## ■ How to store

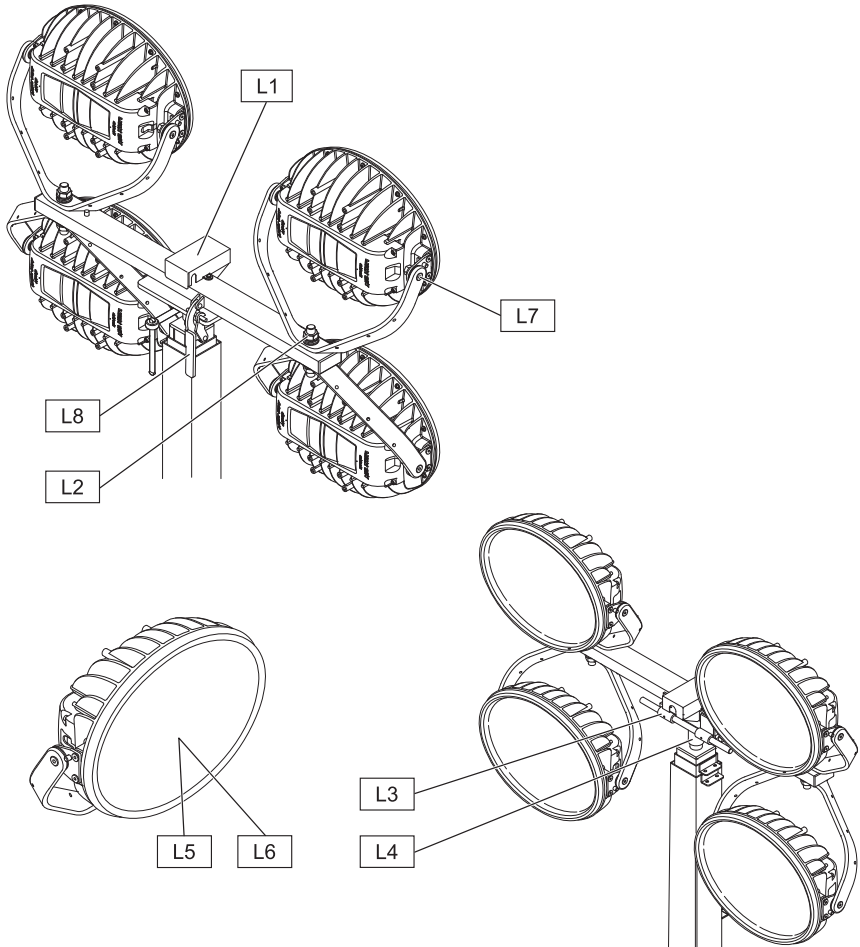
- Equipment should be stored in a clean, dry location out of the reach of children and unauthorized personnel.
- Wipe off dirt and mud before storage. Lubricate and grease up the metal parts.
- Tilt the lamp mount, accommodating the lighting system equipment.
- After lowering the mast, to loosen the tension of the wire rope.
- Please store it indoor as much as possible.
- ALWAYS store equipment properly when it is not being used.
- If it is unavoidable to store it outdoors, cover it with a tarpaulin to avoid exposure to rain and snow.

# ■ Lamp part maintenance

Fig	Parts	Things to be checked	Solution	
Lamp (L)	1 Tamminal pins	Loose or disconnected?	Connect securely	□
	2 Nut	Too loose or too tight?	Tighten correctly	□
	3 Lampstand hinge joint	Does not move smoothly?	Apply Grease	●
	4 Pivot for Lampstand	Does not turn smoothly?	Apply grease	●
	5 LED lighting unit	Lamp burned or damaged?	Replace	■
	6 Polycarbonate cover	Dirty?	Wipe off dirt *	■
		Cracked?	Replace	
	7 Arm	Does not work smoothly?	lube	●**
	8 Fold lever	Does not lock and unlock properly?	Repair	■

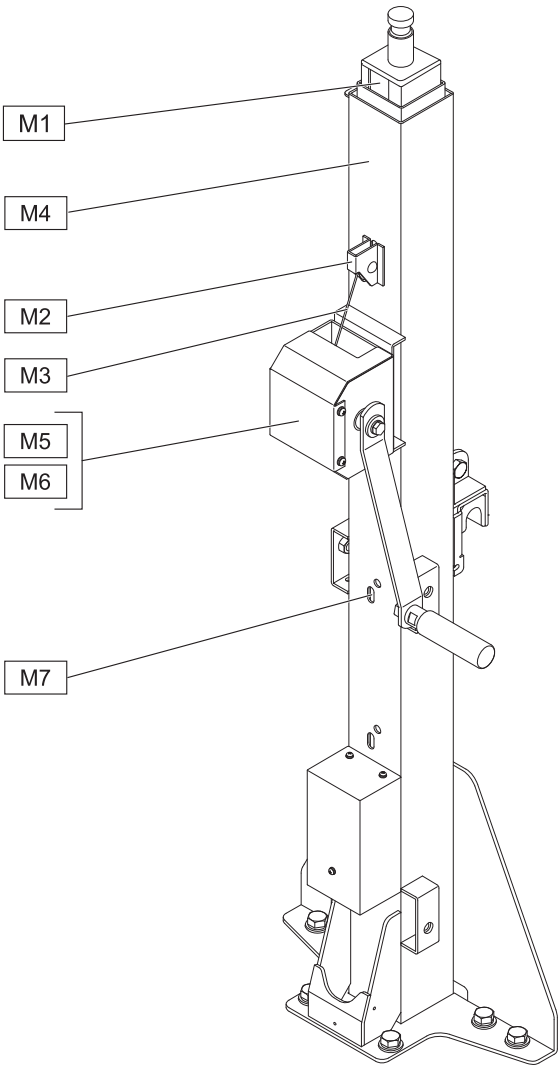
\*Do NOT use alkaline detergents when cleaning polycarbonate covers.

\*\*Every 100 hours or 1 month whichever earlier.



# Mast maintenance

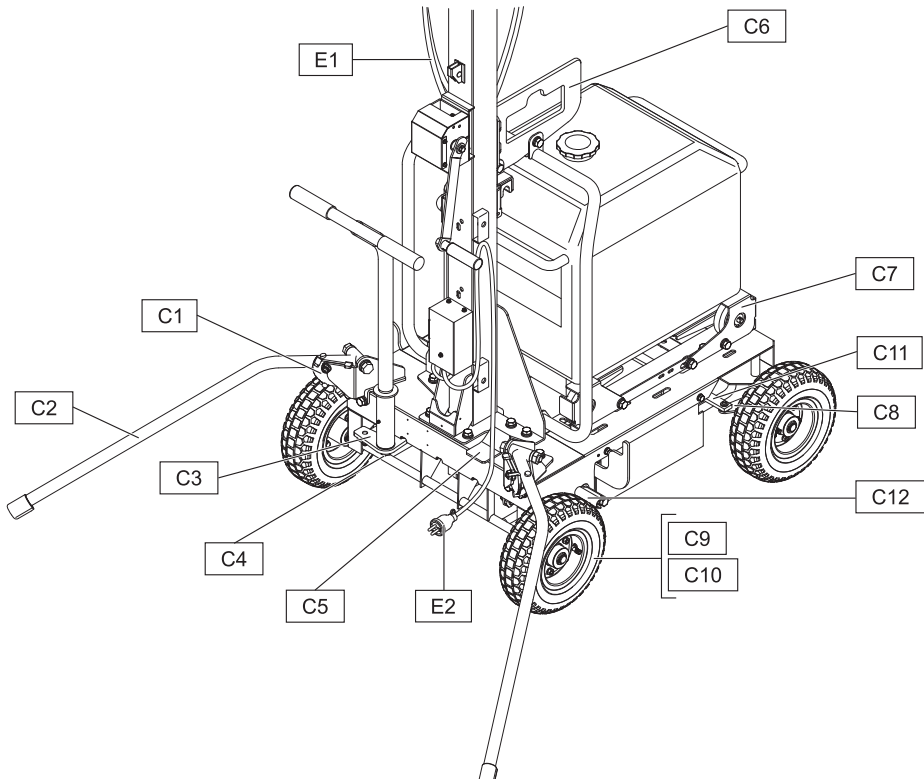
Fig	Parts	Things to be checked	Solution	
Mast (M)	1 Mast sliding surface	Does not slide smoothly?	Apply grease	●
	2 Pulley, top of winch	Does not move smoothly?	Apply grease or Replace	●
	3 Wire rope	Damaged, rusty, frayed?	Apply grease or Replace	■
	4 Wire rope end	Damaged (Caulking)?	Replace	■
	5 Winch brake	Defective?	Replace	■
	6 Winch stopper	Does not operate properly?	Replace	■
	7 Safety stopper	Loose wire rope and stopper jutting out?	Replace	○



## ■ Cart/Electrical part maintenance

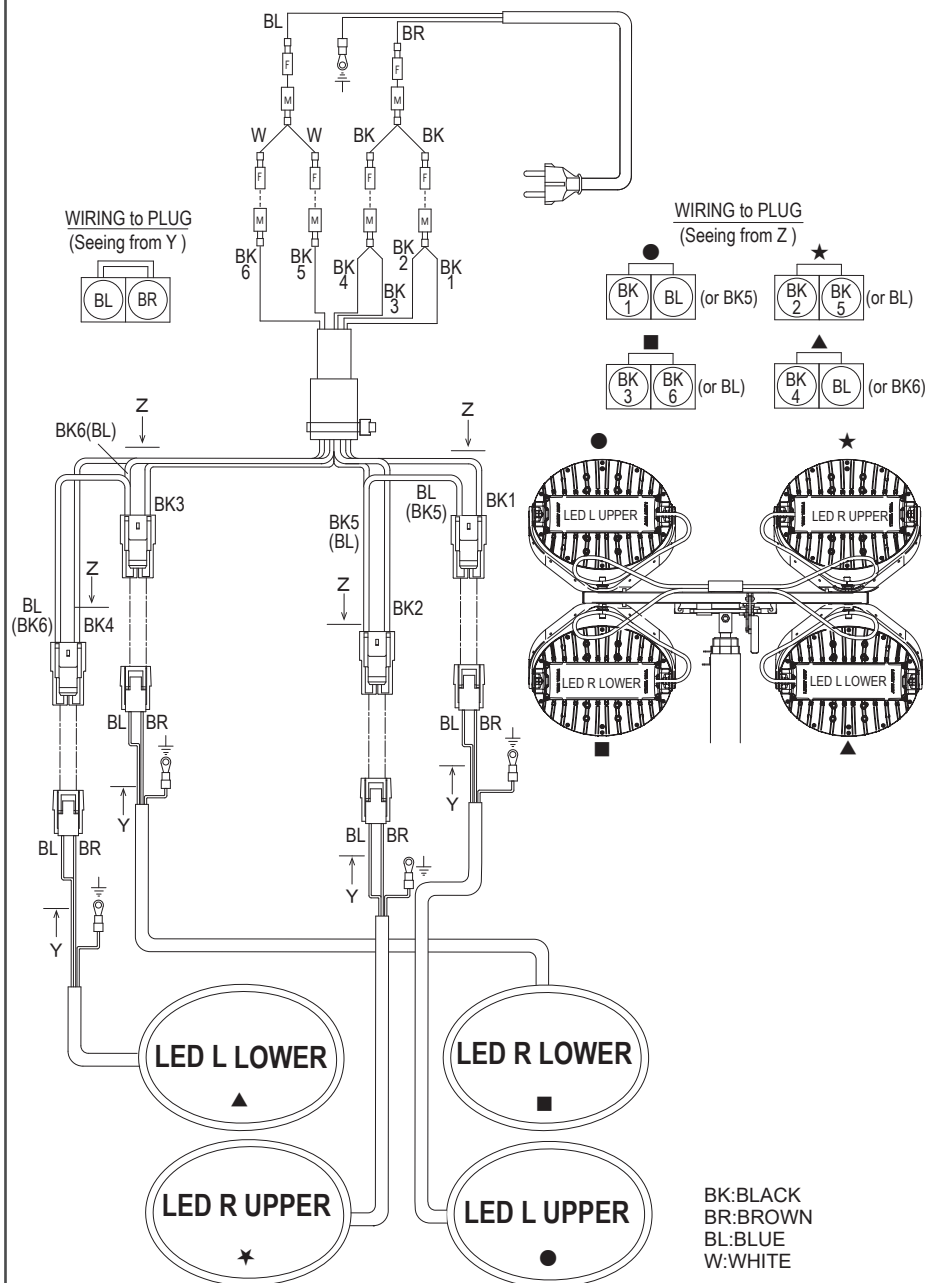
Fig	Parts	Things to be checked	Solution		
Cart (C)	1	Weight	Does not operate smoothly?	Apply grease	●
	2	Outrigger	Does not operate smoothly?	Apply grease	●
	3	Steering Link	Loose links?	Tighten properly	●
	4	Bolt for Handle	Loose bolt?	Tighten properly	●
	5	Brake Pedal	Linkage not working smoothly?	Check, spray grease	■
			Notch worn-out?	Replace	■
	6	Hanger	Loose installation?	Tighten properly	■
	7	Generator wheel stopper	Bolts does not loosened?	Tighten properly	□
	8	Front shaft /Handle link	Linkage does not move smoothly?	Grease into shaft*	●
	9	Tire	Damaged?	Replace	■
	10	Tire pressure	Tire pressure 245-294kPa?	Adjust	■
	11	Link for front shaft	Linkage working correctly?	Apply grease	●
	12	Brake	Working properly?	Adjust	■
	13	All of the bolts and nuts	Damaged?	Replace	■
Loosened?			Tighten properly	□	
Electrical (E)	1	Cable	Defective or worn cable?	Replace	■
	2	Power plug	Damaged?	Replace	□

\*Every 100 hours or 1 month whichever earlier.





# Wiring diagram



# Troubleshooting

## ■ Lighting unit

### Precheck

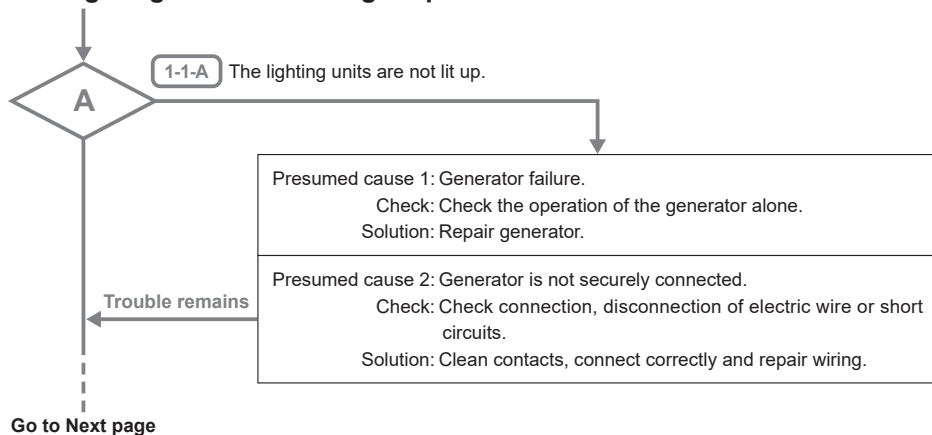
- The specified voltage (AC230V) is coming out from the generator outlet.
- The AC switch on the generator turned on?

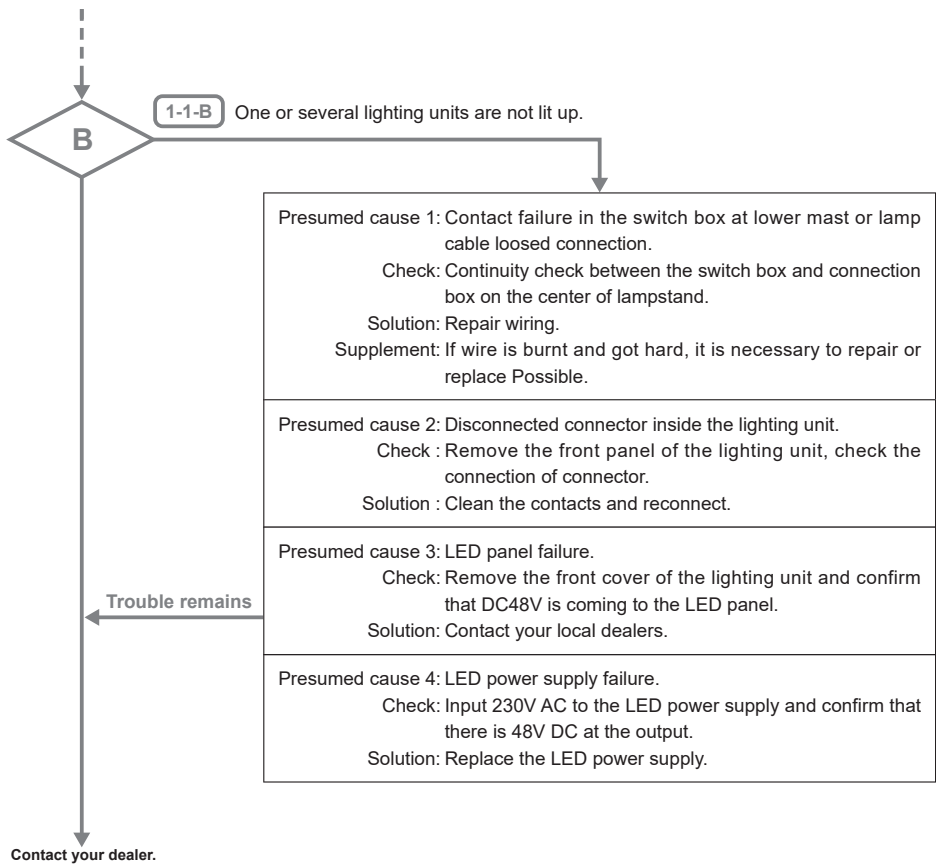
### Attention of the operation

- Before performing any wiring operation, it is necessary to wait for at least one minute after turning off the power.
- Be careful not to get an electric shock.
- Do not work unless you have sufficient knowledge of electricity.

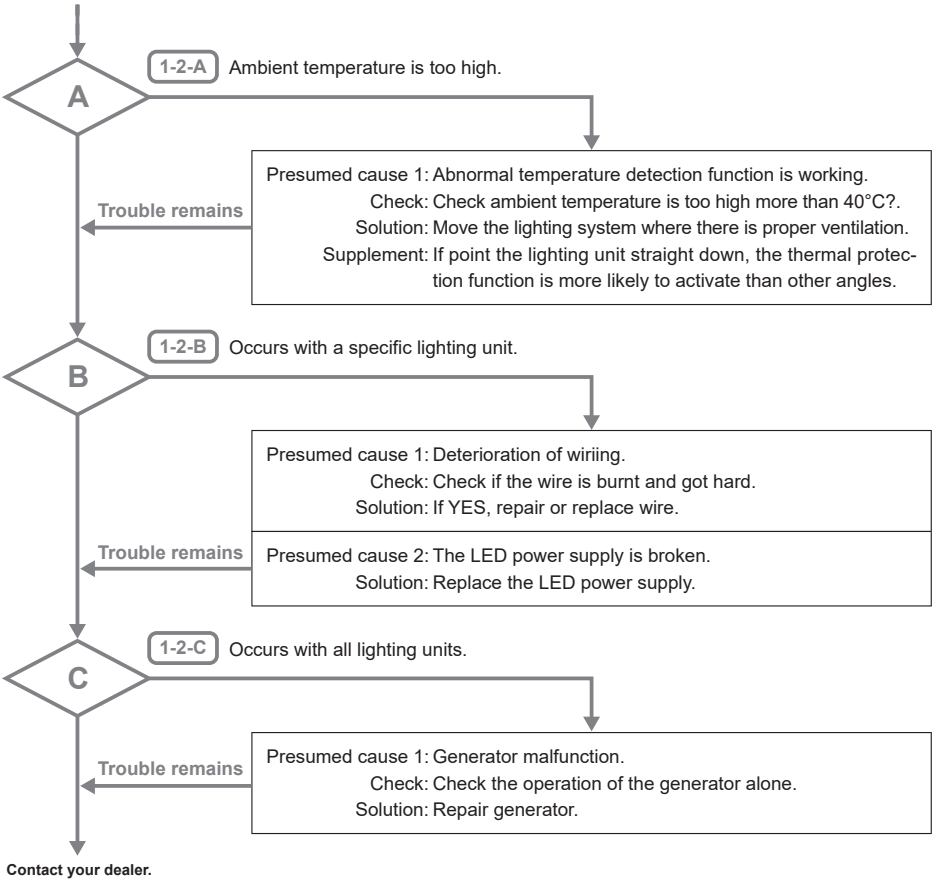
- 1-1. Lighting unit does not light up.  
1-2. Lighting unit only lights for a short time.  
1-3. It lights up but is not so bright.  
1-4. Some LEDs do not light up.  
1-5. LED blinking.

### 1-1. Lighting unit does not light up.

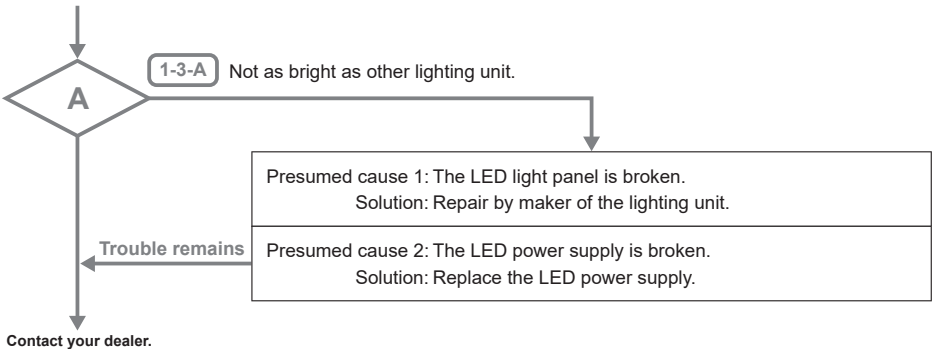




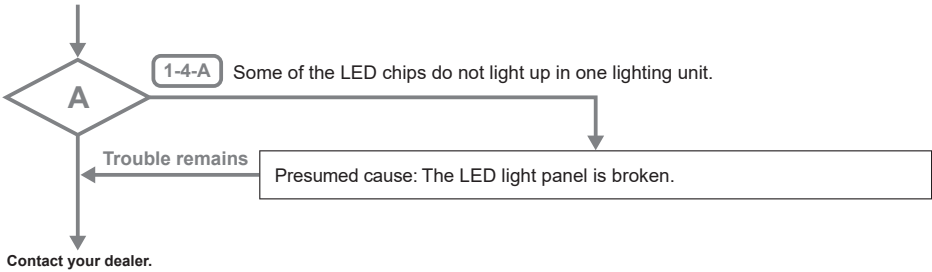
**1-2. Lighting unit only lights for a short time.**



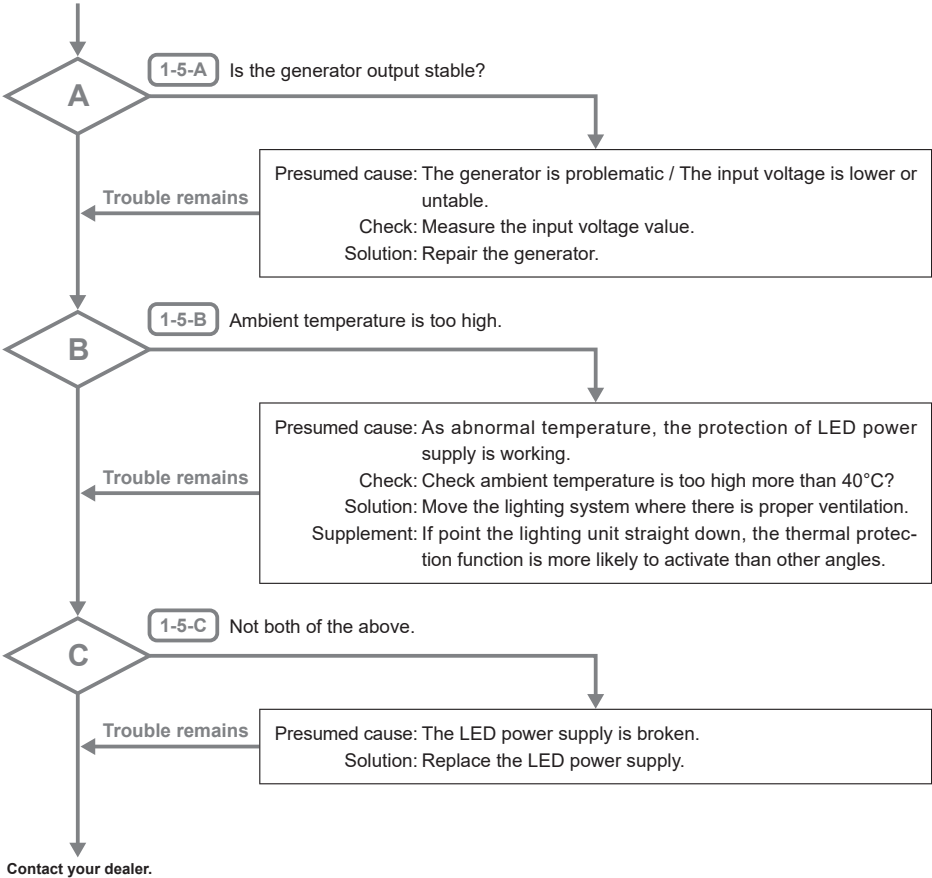
**1-3. It lights up but is not so bright.**



1-4. Some LEDs do not light up.



1-5. LED blinking.



# ■ Mast

## Precheck

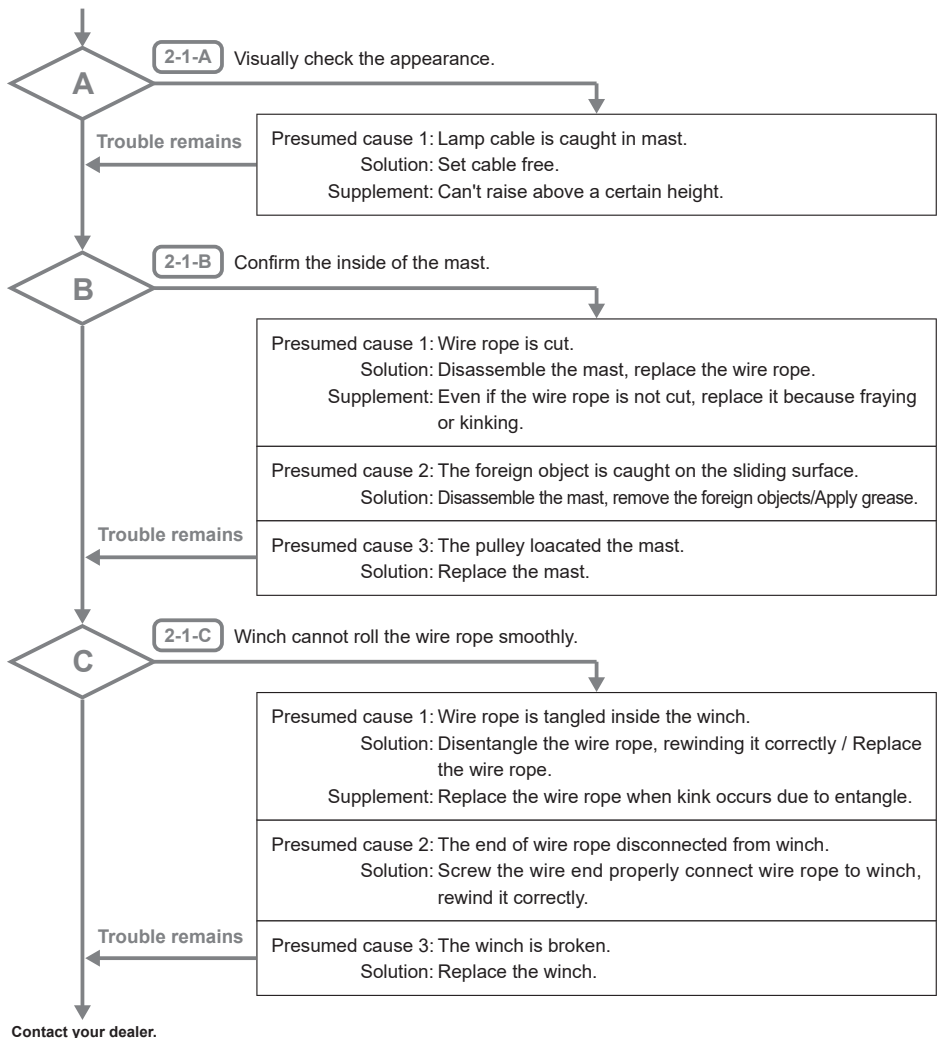
- The direction to turn the winch handle is correct.

## Attention of the operation

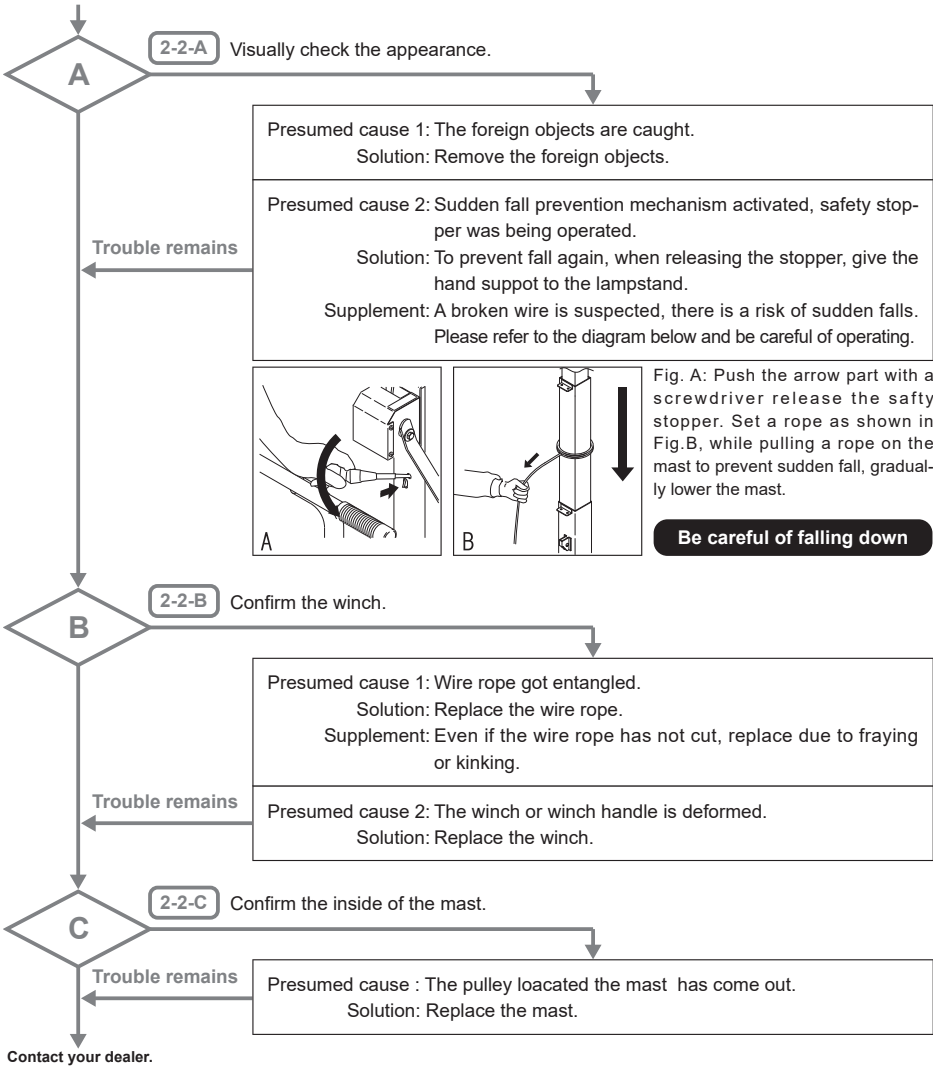
- Please ensure that there are no overhead objects when operating the mast.
- At the time of lifting the mast, please be careful not to pinch your fingers by the mast.
- Always apply the brake, deploy the outriggers, and chock the tires.

2-1. The mast cannot be raised.  
 2-2. The mast cannot be lowered.  
 2-3. Mast keeps coming down.

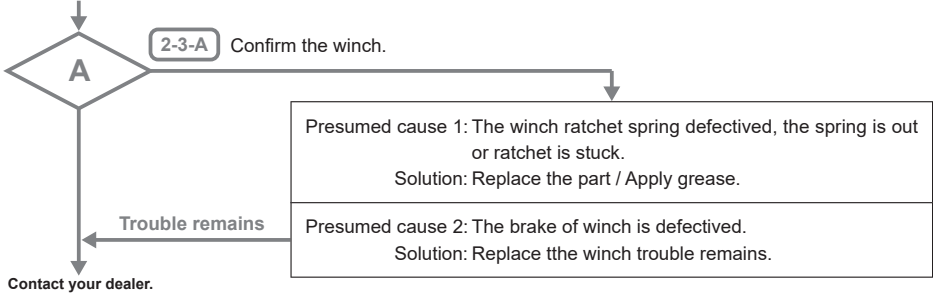
### 2-1. The mast cannot be raised.



2-2. The mast cannot be lowered.



2-3. The mast keeps coming down.



# Specifications

Model			S3X4CS-CE	S3X4CS-A-CE
Lighting system	AC	Voltage (V)	230	
		Frequency (Hz)	50/60	
		Wattage (W)	1352	
		Power Factor	>= 0.96	
	Lamp	Type	LED / Spot	
		(W) x (Light Fixture)	300 x 4	
		Total Luminous Flux (lm)*1	212000	
	Mast	Type	Telescopic system 3 stages	
		Operating	Manual winch	
	Cart	Tires	300mm external diameter pneumatic tire	
		Tire inflation pressure(kPa)	245-294 (35.5-42.6 PSI)	
		Brake	Stepping brakes type	
		Outrigger	Rearward deployment type	
	Outside Temperature (°C)		-10 to 40	
	Dimension	Working (LxWxH)(mm)	1550 x 1600 x 2015 - 4115	
		Storage (LxWxH)(mm)	1060 x 1040 x 1710	
	Maximum Projected Area (m <sup>2</sup> )*2		1.26	
	Total mass (kg)		139	141
Generator	Required Generator Capacity (kVA)		1.5 or more	—
	Model		—	HONDA EU3000is *3
	Dry Mass(kg)		—	61.2
	Total mass (kg)		139	202.2

\*1 Maximum value. LED chips differ from one case to the next on the production process, they have their own brightness and color temperature.

\*2 The indicated values are applicable when the unit is equipped with a generator(HONDA EU3000is).

\*3 Please refer to the specifications in the generator manual for details.

- All features and specifications are subject to change without notice.
- There are cases where the actual item and figure in the text different.
- May not light up due to a problem of matching the generator.



# Disposal

Your LIGHT BOY mobile lighting system mainly consists of metallic materials that can be re-melted in steelworks and smelting works and that is therefore almost infinite recyclable. LIGHT BOY mobile lighting system contains substances that may adversely affect the environment and human health. Proper disposal can prevent adverse effects on the environment and human health. When disposing a used product, please contact the dealer or the sales store nearby where you purchased the product. Alternatively, dispose all components according to the applicable disposal regulations.



Never throw the product in municipal waste. This symbol of the crossed out wheeled bin indicates that product (electrical and electronic equipment) should not be placed in municipal waste.



Signifies low-density polyethylene.



Signifies corrugated fiberboard.

# How to get help

When you have questions or the lighting systems breakdown, please take note the followings, and contact the dealer or the sales store nearby.

## Model and Serial number (on nameplate)

S3X4CS-x - xx - ○○○○○○

## Use environment

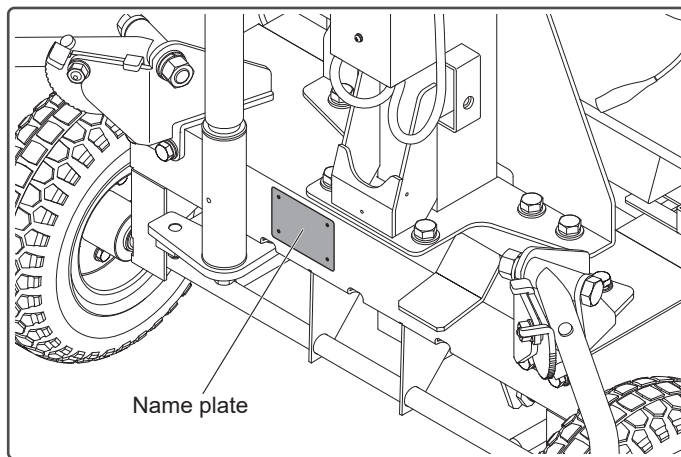
How did you use?

## How long did you use?

Approx hours of use. Please verify at hour meter on the control panel.

## Please describe in detail when breaking down.

The detailed situation.





# Explanation of safety confirmation

Models	Manufacturing number No.
--------	-----------------------------

From the following sales presenter, I was received for an explanation safe handling and operation of this product.

Description contentand points to be checked	Check <input checked="" type="checkbox"/>	Description content and points to be checked	Check <input checked="" type="checkbox"/>
Receiving the manual	<input type="checkbox"/>	Ways to operate each part of the machine	<input type="checkbox"/>
Description of caution of safety	<input type="checkbox"/>	Ways of maintenance	<input type="checkbox"/>
Description of the content on alarm display and labels location	<input type="checkbox"/>	Treatment and cotact in case of trouble found	<input type="checkbox"/>
Ways of preparation for use	<input type="checkbox"/>	About warantry and guaranteed provision	<input type="checkbox"/>

Date of description	
Delivery date	

C u s t o m e r	Address	
	Company name	
		 (    )
	name	
D e a l e r	Address	
	Store name	
		 (    )
	Name of delivery explainer	

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<https://www.light-boy.eu>

Manufacturer :

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