

LX Light

LX-4000SW FS
BLK[09130] WHT[09131]

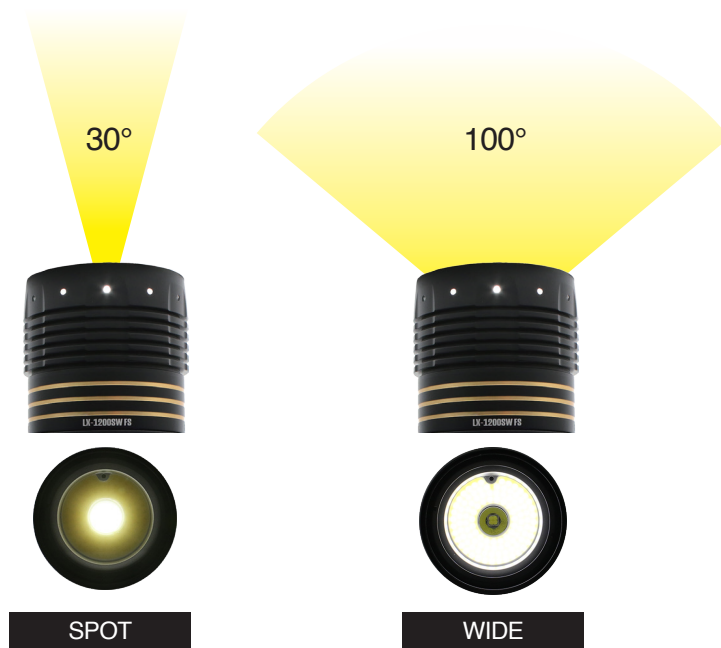
LX-2400SW FS
BLK[09132] WHT[09133]

LX-1200SW FS
BLK[09134] WHT[09135]



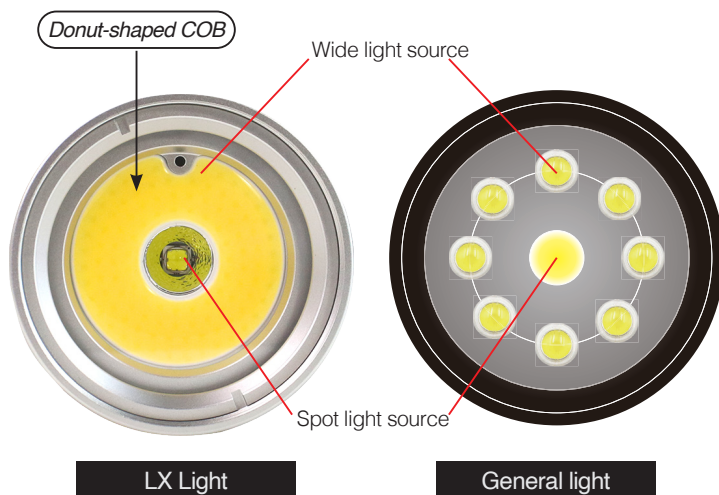
One device with 2 roles for wide and macro! The originally developed new COB realizes the ideal 'center light distribution' of a single light source for both wide and spot lighting. It is an all-purpose underwater light that provides optimum lighting in various scenes, not only imaging but also wildlife observation or night diving.

1 Two roles in one - wide and macro!



It is a 2-way spec that switches between wide and spot lighting by operating buttons. The beam angle is 100° for wide and 30° for spot. It is convenient because you can switch from wide to spot and spot to wide easily by holding down the power/light adjustment button. You can also use spot light for research, or switch to wide and illuminate the subject widely when imaging.

2 Realize the ideal 'center light distribution'

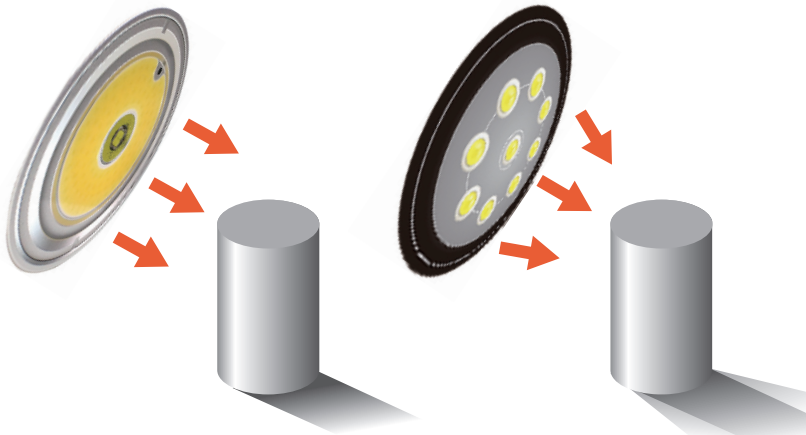


The light source is COB (LED), which has an established reputation for uniform light distribution. The original design customizes the COB into a donut shape. The wide light source is placed on the donut, and the spot light LEDs are placed in the center of the emitting surface (the donut hole). Whether wide or spot lighting, the optical axis is on the center of the light-emitting surface, ensuring optimum lighting at all times.

New type 'COB'

'COB' is a type of LED. It is an abbreviation for 'Chip on board', and as the name suggests, multiple LED chips are placed directly on the board. Since multiple LED chips are arranged in a concentrated manner, high luminance is achieved. A large surface can also be illuminated evenly since the light is emitted from a surface. SEA&SEA is the first in Japan to lay out 'COB' in a donut shape. Even with wide light, shadows are less likely to form in the center, resulting in uniform light.

3 Eliminate multi-shadowing clearly



LX Light

COB type
Natural shadows are realized with a single light source, the same as sunlight. Multi-shadows are not produced.

General light

LED chip placed type
As many multi-shadows are produced as the number of LED chips with multiple light source LED.

Multi-shadows
Shadows unique to LED lighting. When an object is illuminated by LED lighting composed of numerous light-emitting parts, unnatural multiple shadows are produced, different from those produced by sunlight. Multiple shadows can obscure the outline of an object and reduce its visibility. Single light source COB does not produce multiple shadows.

4 Useful light intensity adjustment functions

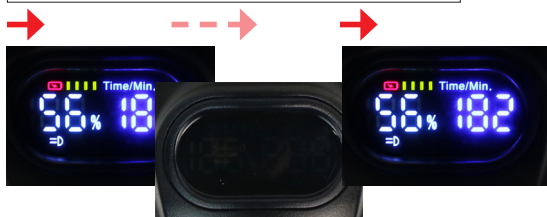
4-step light adjustment (25% increments)



100-step light adjustment (1% increments)



Memory function



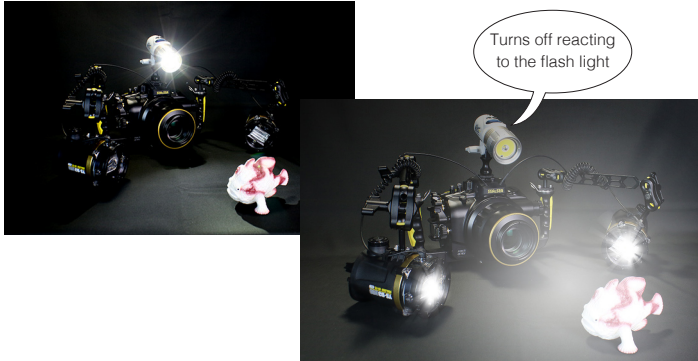
4-step light adjustment (25% increments)
For 4-step light adjustment, press the power/light adjustment button when the light is on. It circulates between 25%, 50%, 75% and 100% per press to change the light intensity according to the situation. Light intensity can be clearly seen with % display.

100-step light adjustment (1% increments)
100-step light adjustment from 0 to 100% is performed with the light intensity adjustment buttons on the left and right. Subtle adjustment is possible in 1% increments. The digital % display allows for fine adjustment and a sense of security.

Memory function
It is also equipped with a 'memory function' that turns back on at the same light intensity as when the light was turned off. It is especially useful when recording video, as it turns on at the same light intensity as when the light was turned off.

5 Utilize the Flash sensor for still image shooting

Flash sensor function



It is equipped with a 'flash sensor function' that senses the strobe light, automatically turns off the light, and turns it back on one second later. As the light turns off reacting to the strobe light emission, there is no need to worry about the light being captured.

A spot light is utilized as a focus light. The wide light can be used to look for subjects or check the environment without worrying about uneven exposure or color blurring.

6 Power change by replacing the light head!



The LX light series have the same body part. Light head parts are compatible. The LX-2400SW FS light head can be used as a 2400 lm light, and the LX-4000SW FS light head can be used as a 4000 lm light if set on LX-1200SW FS. *Setting is required after replacing the light head. Please refer to the instruction manual for details.

7 Battery charging is 2-way

Direct charging method



Connect the plug to the light on the body and charge directly

Removable charging method



Remove the battery from the body and charge

Despite its compact body, the Li-ion battery has a large capacity of 3400 mAh and can be recharged in 2 ways.

1. Direct charging

The battery can be charged directly by connecting the included dedicated rear charge plug to the remote control connector (magnetic terminal) on the back of the body while the battery remains connected to the body. As it is unnecessary to remove the battery from the body, there is no risk of submersion in water. No time and energy needed.

2. Removable charging

The battery can be removed from the body and charged directly with the charger. There is no need to worry about running out of power if you have a spare battery for replacement.

*It is also convenient that the battery can be removed for aircraft carry-on.

8 Easy-to-read panel display



Remaining battery
Battery indicator
Display on a highly visible color LCD

A variety of functions are displayed on a highly visible color LCD panel. The 'light intensity' and 'remaining lighting time', most important underwater, are largely displayed on the same easy-to-read screen. Light intensity can be adjusted by operating buttons while viewing the panel display.

Light intensity: Light intensity during lighting is displayed in 1% increments
Remaining lighting time: Displays the remaining lighting time in real-time

- Mode icons**
- Function in use (mode) is displayed as an icon
- ⇒ Spot light mode: Turns on when using the spot light
 - > Wide light mode: Turns on when using wide light
 - ☑ Battery: Flashes when switching over to safety mode
 - f FS mode: Turns on when using flash sensor mode
 - Remote control mode: Turns on when using the remote control

Trouble-shooting functions

It is equipped with functions to avoid trouble and deal with unlikely emergencies

•Safety mode



When the remaining battery becomes low, it automatically drops the light intensity to 20% and the battery indicator flashes. The display shows '10min' and starts counting down

•High temperature protection mode



If the light head reaches 55°C (131°F) or higher during use, it automatically switches to protection mode and reduces the light intensity to 20% of its maximum

•Blinking signal mode



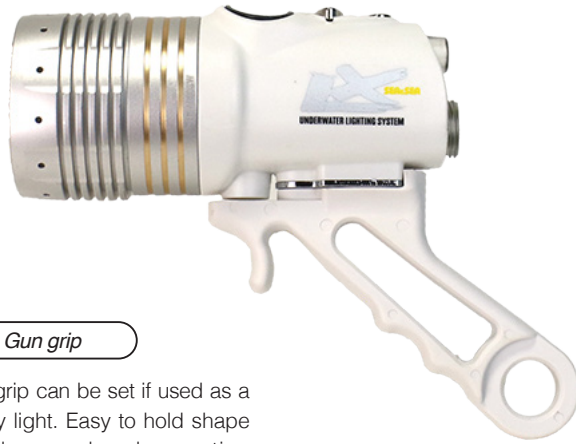
It blinks rapidly by pressing the light intensity adjustment button (+) and the power/light adjustment button simultaneously for about 2 seconds. Useful as signs to your buddy or signals during night diving

•SOS mode



It blinks as an emergency signal for rescue in SOS mode by pressing the light intensity adjustment button (-) and the power/light adjustment button simultaneously for about 2 seconds

9 *Wide selection of attachment parts*



Gun grip

Gun grip can be set if used as a handy light. Easy to hold shape enables one hand operation while holding the light

Multiple attachments are packaged as included items for various purposes. Gun grip, YS base, Ball base, GoPro base, etc. can be attached or replaced according to the situation. It can be used not only as a handy light for fun diving but also as a light for imaging by attaching to housing or arm system to extend to diverse lighting.

Each attachment should be fixed firmly with base fixing screws once setting in the base holder of the light. The included lanyard that is useful for carrying and loss prevention is used by attaching to the oval hole of the base.

YS base



YS type mounting seat. It is a base that corresponds to highly versatile YS adaptors

Ball base



It corresponds to ball joints. Connect to the arm with a clamp and it can be mounted to the lighting system

GoPro base



It is the base that corresponds to a variety of GoPro base standard accessories, expanding the possibilities of use

Loc-Line base



It is the base that corresponds to Loc-Line modular hose systems. Size is 3/4 inch (M)



SLR housing setting example




LX light attachment is ball base. It can be connected to the arm with a clamp so various lighting systems can be mounted.

Compact digital camera setting example

A combination of simple housing for TG series and LX light. A YS base is set on an LX light. A hot shoe arm or a YS hot shoe base can be attached on the housing



Specifications

model	LX-1200SW FS	LX-2400SW FS	LX-4000SW FS
			
Product number	BLK: 09134/WHT: 09135	BLK: 09132/WHT: 09133	BLK: 09130/WHT: 09131
Maximum luminous power	1200lm (wide) /1500lm (spot)	2400lm (wide) /1500lm (spot)	3860lm (wide) /1500lm (spot)
Beam angle (underwater)	100deg(wide) / 30deg(spot)		
Color temperature	5500K (wide)/6500K (spot)		
Color rendering index	RA90 (wide)/RA70 (spot)		
Continuous burn time	110mins(wide)/90mins(spot)	60mins(wide)/90mins(spot)	30mins(wide)/90mins(spot)
Light adjustment	(1) 4 steps (25% increments) (2) 100 steps (1% increments)		
Flash sensor	○		
Remote control	○		
User interface	Color LCD panel		
Power	Rechargeble lithium-ion battery		
Battery capacity	3400mAh/7.4V		
Charging time	2.5h		
Battery charging method	(1) Direct charging method (2) Removable charging method		
Body material	Corrosion-resistant aluminum alloy / Reinforced resin		
Depth rating	100m		
Size	Φ58 x 139mm		
Weight (battery included)	in air:430g / underwater:163g		
Color	BLACK / WHITE		