

# HILTI

**SL 2-A12**

**SL 2-A22**

**English**





# 1 Information about the documentation




## 1.1 About this documentation

- Read this documentation before initial operation or use. This is a prerequisite for safe, trouble-free handling and use of the product.
- Observe the safety instructions and warnings in this documentation and on the product.
- Always keep the operating instructions with the product and make sure that the operating instructions are with the product when it is given to other persons.

## 1.2 Explanation of symbols used



### 1.2.1 Warnings

Warnings alert persons to hazards that may occur when handling or using the product. The following signal words are used in combination with a symbol:

	<b>DANGER!</b> Draws attention to an imminent hazard that will lead to serious personal injury or fatality.
	<b>WARNING!</b> Draws attention to a potential hazard that could lead to serious personal injury or fatality.
	<b>CAUTION!</b> Draws attention to a potentially dangerous situation that could lead to minor personal injury or material damage.




### 1.2.2 Symbols in the documentation

The following symbols are used in this document:

	Read the operating instructions before use
	Instructions for use and other useful information

### 1.2.3 Symbols in the illustrations

The following symbols are used in illustrations:

	These numbers refer to the corresponding illustrations found at the beginning of these operating instructions.
3	The numbering reflects the sequence of operations shown in the illustrations and may deviate from the steps described in the text.
	Item reference numbers are used in the <b>overview illustration</b> and refer to the numbers used in the key in the <b>product overview</b> section.
	This symbol is intended to draw special attention to certain points when handling the product.

## 1.3 Product information

**Hilti** products are designed for professional use and may be operated, serviced and maintained only by trained, authorized personnel. This personnel must be informed of any particular hazards that may be encountered. The product and its ancillary equipment can present hazards if used incorrectly by untrained personnel or if used not in accordance with the intended use.

The type designation and serial number are stated on the rating plate.

- ▶ Write down the serial number in the table below. You will be required to state the product details when contacting Hilti Service or your local Hilti organization to inquire about the product.

#### Product information

Cordless lamp	SL2-A12   SL2-A22
Generation	01
Serial no.	

### 1.4 Declaration of conformity

We declare, on our sole responsibility, that the product described here complies with the applicable directives and standards. A copy of the declaration issued by the certification department can be found at the end of this documentation.

The technical documentation is filed and stored here:

**Hilti** Entwicklungsgesellschaft mbH | Tool Certification | Hiltistrasse 6 | 86916 Kaufering, Germany

## 2 Safety

### 2.1 Important safety instructions

**WARNING! READ ALL INSTRUCTIONS.** Failure to follow all instructions listed below can result in electric shock, fire and/or serious injury. **KEEP THESE INSTRUCTIONS IN A HANDY YET SECURE PLACE.**

### 2.2 Careful handling and use

- ▶ Use the product only when it is in perfect working order.
- ▶ Never tamper with or modify the product in any way.
- ▶ This device can be used by children 8 years of age or older and by persons with physical, sensory or mental disabilities or little relevant experience or know-how if they are supervised or have received instruction on the safe use of the device and the resulting hazards.
- ▶ Do not use the product where there is a risk of fire or explosion.
- ▶ Do not use the device outdoors.
- ▶ Do not use accessories not specifically intended and recommended for this power tool by the tool manufacturer. The fact that an accessory can be attached to your power tool does not necessarily mean that it can be used in safety.
- ▶ Replace the complete cordless lamp when the light source has reached the end of its life. The light source in this cordless lamp is not replaceable.
- ▶ Do not look into the beam and do not direct the beam toward other persons.
- ▶ Do not expose the device to rain or moisture. Water entering an electric device will increase the risk of electric shock.

### 2.3 Careful handling and use of batteries

- ▶ Observe the special guidelines applicable to the transport, storage and use of lithium-ion batteries.
- ▶ Do not expose batteries to high temperatures, direct sunlight or fire.
- ▶ Do not take apart, squash or incinerate batteries and do not subject them to temperatures over 80 °C.
- ▶ Do not attempt to charge or continue to use damaged batteries.

- ▶ If the battery is too hot to touch, it may be defective. In this case, place the power tool in a non-flammable location, well away from flammable materials, where it can be kept under observation and left to cool down. Contact **Hilti** Service after the battery has cooled down.

### 3 Description

#### 3.1 Product overview

## SL 2-A12



## SL 2-A22



- |                        |                          |
|------------------------|--------------------------|
| ① Multi-position hinge | ⑥ 3-mode switch          |
| ② LED bezel            | ⑦ Grip                   |
| ③ LED                  | ⑧ Battery                |
| ④ Retractable hook     | ⑨ Battery release button |
| ⑤ Automatic switch     |                          |

### 3.2 Intended use

The product described is a cordless lamp. It is intended for use as illumination on jobsites. Use the product in a dry environment only.

SL 2-A12

Use only **Hilti** Li-ion batteries from the B 12 series with this product.

- ▶ Use only the **Hilti** battery chargers of the C 4/36 series with the CA-B12 charging adapter, or battery chargers of the C 4/12-50 series for charging these batteries.

SL 2-A22

Use only **Hilti** Li-ion batteries of the B 22 series with this product.

- ▶ Use only the **Hilti** battery chargers of the C4/36 series for charging these batteries.

### 3.3 Charge state indicator

Lightly press (no more than until resistance is perceptible) either of the battery release buttons to check the charge state of the Li-ion battery.

Status	Meaning
4 LEDs light up.	• Charge state: 75 % to 100 %
3 LEDs light up.	• Charge state: 50 % to 75 %
2 LEDs light up.	• Charge state: 25 % to 50 %
1 LED lights up.	• Charge state: 10 % to 25 %
1 LED flashes.	• Charge state: < 10 %



#### Note

If the LEDs of the charge state indicator flash, follow the instructions in the 'Troubleshooting' section.

### 3.4 3-mode switch

Use the 3-mode switch to set the brightness.

Status	Meaning
Press once	• The lamp lights with maximum brightness.
Press twice	• The lamp lights with medium brightness.
Press three times	• The lamp is off.

### 3.5 Items supplied

Cordless lamp, operating instructions.

Other system products approved for use with this product can be found at your local **Hilti** Center or online at: [www.hilti.com](http://www.hilti.com)

## 4 Technical data

### 4.1 Technical data

	SL 2-A12	SL 2-A22
<b>Voltage</b>	10.8 V	21.6 V
<b>Brightness</b>	500 lm	500 lm
<b>Weight</b>	0.65 kg (1.43 lb)	1.3 kg (2.9 lb)

## 5 Operation

### 5.1 Preparations at the workplace



#### **CAUTION**

**Risk of injury!** Inadvertent starting of the product.

- ▶ Remove the battery before making any adjustments to the power tool or before changing accessories.

Observe the safety instructions and warnings in this documentation and on the product.

### 5.2 Inserting the battery



#### **CAUTION**

**Electrical hazard.** Dirty contacts may cause a short circuit.

- ▶ Before inserting the battery, check to ensure that the battery terminals and the contacts on the product are free from foreign objects.



#### **CAUTION**

**Risk of injury.** If the battery is not fitted correctly it may drop out and fall.

- ▶ Check that the battery is securely seated in the product so that it cannot drop out and fall, thereby presenting a hazard to other persons.

- ▶ Insert the battery and check that the battery is securely seated in the device.

### 5.3 Removing the battery

1. Press both release buttons.
2. Pull the battery to the rear and out of the product.

### 5.4 Pivoting the head of the lamp

1. Pull out the retractable hook.



#### **Note**

When you suspend the lamp using the retractable hook, check the load-bearing capacity of the point from which the lamp is suspended.

2. Pivot the head of the lamp upwards.



## 5.5 Turning the lamp head



### CAUTION

**Risk of damage to the eyes (the retina).** Looking directly into the lamp presents a risk of damage to the eyes (the retina).

- ▶ Do not direct the lamp at yourself or at anyone else.
- ▶ Do not, under any circumstances, look into the lamp.

- ▶ Turn the lamp head to the desired position.



### Note

The lamp head can be turned in either direction along the axis. Do not attempt to force the lamp head past the end stops.

## 5.6 Switching on

1. Turn the lamp head to the desired position. → page 7
2. Select a mode by pressing the 3-mode switch.

## 6 Care and maintenance

### 6.1 Care and maintenance of cordless tools



### WARNING

**Risk of electric shock!** Attempting care and maintenance with the battery fitted in the tool can lead to severe injury and burns.

- ▶ Always remove the battery before carrying out care and maintenance tasks!

#### Care and maintenance of the tool

- Carefully remove any dirt that may be adhering to parts.
- Clean the air vents carefully with a dry brush.
- Use only a slightly damp cloth to clean the casing. Do not use cleaning agents containing silicone as these may attack the plastic parts.

#### Care of the lithium-ion batteries

- Keep the battery free from oil and grease.
- Use only a slightly damp cloth to clean the casing. Do not use cleaning agents containing silicone as these may attack the plastic parts.
- Avoid ingress of moisture.

#### Maintenance

- Check all visible parts and controls for signs of damage at regular intervals and make sure that they all function correctly.
- Do not operate the cordless tool if signs of damage are found or if parts malfunction. Have the tool repaired by **Hilti** Service immediately.
- After cleaning and maintenance, fit all guards or protective devices and check that they function correctly.



### Note

To help ensure safe and reliable operation, use only genuine Hilti spare parts and consumables. Spare parts, consumables and accessories approved by Hilti for use with the product can be found at your local **Hilti** Center or online at: [www.hilti.com](http://www.hilti.com)

## 7 Transport and storage

### 7.1 Transport and storage of cordless tools

#### Transport



#### CAUTION

**Inadvertent starting during transport.** Uncontrolled starting during transport may occur if the battery is fitted, thereby resulting in damage to the tool.

- ▶ Always remove the battery before transporting the tool.

- ▶ Remove the battery.
- ▶ Transport the tool and batteries individually packaged.
- ▶ Never transport batteries in bulk form (loose, unprotected).
- ▶ Check the tool and batteries for damage before use after long periods of transport.

#### Storage



#### CAUTION

**Inadvertent damage caused by defective battery.** A leaking battery may damage the tool.

- ▶ Always remove the battery before storing the tool.

- ▶ Store the tool and batteries in a place that is as cool and dry as possible.
- ▶ Never store batteries in direct sunlight, on heating units or behind a window pane.
- ▶ Store the tool and batteries in a place where they cannot be accessed by children or unauthorized persons.
- ▶ Check the tool and batteries for damage before use after long periods of storage.

## 8 Troubleshooting

If the trouble you are experiencing is not listed in this table or you are unable to remedy the problem by yourself, please contact **Hilti** Service.

### 8.1 Troubleshooting

Trouble or fault	Possible cause	Action to be taken
The battery does not engage with an audible double click.	The retaining lugs on the battery are dirty.	▶ Clean the retaining lugs and push the battery in until it engages.
1 LED flashes. The device does not work.	The battery is discharged.	▶ Change the battery and charge the empty battery.
	The battery is too hot or too cold.	▶ Allow the battery to cool down or warm up slowly to room temperature.

## 9 Disposal



### WARNING

**Risk of injury.** Hazards presented by improper disposal.

- ▶ Improper disposal of the equipment may have the following consequences: The burning of plastic components generates toxic fumes which may present a health hazard. Batteries may explode if damaged or exposed to very high temperatures, causing poisoning, burns, acid burns or environmental pollution. Careless disposal may permit unauthorized and improper use of the equipment. This may result in serious personal injury, injury to third parties and pollution of the environment.
- ▶ Dispose of defective batteries right away. Keep them out of reach of children. Do not disassemble or incinerate the batteries.
- ▶ Batteries that have reached the end of their life must be disposed of in accordance with national regulations or returned to **Hilti**.



Most of the materials from which **Hilti** tools and appliances are manufactured can be recycled. The materials must be correctly separated before they can be recycled. In many countries, your old tools, machines or appliances can be returned to **Hilti** for recycling. Ask **Hilti** Service or your Hilti representative for further information.



- ▶ Disposal of electric tools or appliances together with household waste is not permissible.

## 10 Manufacturer's warranty

- ▶ Please contact your local **Hilti** representative if you have questions about the warranty conditions.



This Product is Certified  
Ce produit est homologué  
Producto homologado por  
Este producto está registrado





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[www.hilti.com](http://www.hilti.com)

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