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# User manual



## Cordless LED Worklight

MODEL NUMBER: ☐ CEDCL35Li  
SERIAL NUMBER:

Model number and serial number should be on nameplate.  
You should write them down and store in a safe place.



# IDENTIFICATION



1. LED Group

2. Button of battery cartridge

3. Battery cartridge

4. Knob

5. Handle

6. Soft Sponge

7. Power Switch

8. Base

# SPECIFICATIONS

## Model:

LED Bulb	<b>CEDCL35Li</b>
Luminosity	50W, With 100Pcs SMD
Dimensions (L x W x H)	( I ) 5000 Lm ( II )2000 Lm
Rated voltage	230 mm x 230 mm x 270mm
Net weight (Bare tool)	D.C. 20 V
	0.75 kg

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications may differ from country to country.
- The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table.

## Applicable battery cartridge and charger

battery cartridge	CEDLi-Ion 2Ah, CEDLi-Ion 4Ah, CEDLi-Ion 6Ah
battery charger	CEDFCH2.4, CEDDCH3.0, CEDFCH3.5

**WARNING:** Only use the battery cartridges & chargers listed above. Use of any other battery cartridges & chargers may cause injury and/or fire.

## Operating time

Battery cartridge	Operating time
CEDLI-ION 4AH (4Ah)	>90 min
CEDLI-ION 6AH (6Ah)	>160 min

- The operating times in the above table are a rough guideline. They may differ from actual operating times.
- Operating times may differ depending on battery type, charging status, and usage condition.
- Battery cartridge may differ from country to country.

## Symbols

The following show the symbols used for the equipment. Be sure that you understand their meaning before use.



Read instruction manual.



Cd  
Ni-MH  
Li-Ion

Only for EU countries Do not dispose of electric equipment or battery pack together with household waste material! In observance of the European Directives, on Waste Electric and Electronic Equipment and Batteries and Accumulators and Waste Batteries and Accumulators and their implementation in accordance with national laws, electric equipment and batteries and battery pack(s) that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.



Indoor use only



Optical Radiation (UV and IR).  
Minimize exposure to eyes or skin.



Do not stare at operating lamp.



Use appropriate shielding or eyes protection.



Take particular care and attention!

# SAFETY WARNINGS

## IMPORTANT SAFETY INSTRUCTIONS

**Important safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:**

### READ ALL INSTRUCTIONS.

1. **Do not look into the light, or do not expose the light to eyes.** Eyes may be damaged.
  - a) The lamp or lamp system is in excess of the Exempt Group and that the viewer related risk is dependent upon how the users install and use the product;
  - b) The most restrictive optical radiation hazard and other optical radiation hazards in excess of Exempt Group.
  - c) Proper assembly, installation, maintenance and safe use, including clear warnings concerning precautions to avoid possible exposure to hazardous optical radiation.  
Advice on safe operation procedures and warnings concerning reasonably foreseeable malpractices, malfunctions and hazardous failure modes.  
NOTICE: UV and IR emitted from this product.
  - d) WARNING: IR emitted from this product.
  - e)
  - f)

- g) CAUTION: Possibly hazardous optical radiation emitted from this product.
  - i) Minimize exposure to eyes or skin. Use appropriate shielding.
  - j) Use appropriate shielding or eye protection.
  - k) Do not stare at operating lamp. May be harmful to the eyes.
- Eye or skin irritation may result from exposure. Avoid eye exposure.

2. **Do not cover or clog the lit tool with cloth or carton, etc.** Covering or clogging it may cause a flame.
3. **The tool is not waterproof. Do not use it in damp or wet locations. Do not expose it to rain or snow. Do not wash it in water.**

4. **Do not touch the inside of the flashlight head with tweezers, metal tools, etc.**
5. **Do not give the tool a shock by dropping, striking, etc.**
6. **When the tool is not in use, always switch off and remove the battery cartridge from the tool.**
7. **Battery tool use and care**

- **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the machine.** Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.
- **Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing machine.** Such preventive safety measures reduce the risk of starting the appliance accidentally.
- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use appliance only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.**

Shorting the battery terminals together may cause burns or a fire.

- **Under abusive conditions, liquid may be ejected from the battery; avoid contact.** If contact accidentally occurs, flush with water. If liquid contacts eyes, seek medical help. Liquid ejected from the battery may cause irritation or burns.
- **Do not use a battery pack or appliance that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or appliance to fire or excessive temperature.** Exposure to fire or temperature above 130°C (265°F) may cause explosion.

- **Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions.** Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire. **Have servicing performed by a qualified repair person using only identical**

**replacement parts.** This will ensure that the safety of the product is maintained.

- **Do not modify or attempt to repair the appliance or the battery pack except as indicated in the instructions for use and care.**
- **Do not dispose of the battery(ies) in a fire.** The cell may explode. Check with

local codes for possible special disposal instructions.

**Do not open or mutilate the battery(ies).** Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

**Do not charge battery in rain, or in wet locations.**

**Do not handle charger, including charger plug, and charger terminals with wet hands.**

**Do not charge the battery outdoors.**

## battery cartridge

1. **Before using battery cartridge, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.**
2. **Do not disassemble battery cartridge.**
3. **If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.**
4. **If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. It may result in loss of your eyesight.**
5. **Do not short the battery cartridge:**

- (1) **Do not touch the terminals with any conductive material.**
- (2) **Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.**
- (3) **Do not expose battery cartridge to water or rain.**

A battery short can cause a large current flow, overheating, possible burns and even a breakdown.

6. **Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 50 °C (122 °F).**
7. **Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.**
8. **Be careful not to drop or strike battery.**

9. **Do not use a damaged battery.**
10. **The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements.** For commercial transports e.g. by third parties, forwarding agents, special requirement on pack-aging and labeling must be observed.  
For preparation of the item being shipped, consulting an expert for hazardous material is required. Please also observe possibly more detailed national regulations.  
Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging.
11. **When disposing the battery cartridge, remove it from the tool and dispose of it in a safe place. Follow your local regulations relating to disposal of battery.**
12. **Use the batteries only with the products specified by Cedrus.** Installing the batteries to non-compliant products may result in a fire, excessive heat, explosion, or leak of electrolyte.
13. **If the tool is not used for a long period of time, the battery must be removed from the tool.**

## SAVE THESE INSTRUCTIONS.

### **CAUTION:**

Use only genuine Cedrus batteries.

Use of non-genuine Cedrus batteries, or batteries that have been altered, may result in the battery bursting causing fires, personal injury and damage. It will also void the Cedrus warranty for the Cedrus tool and charger.

## Tips for maintaining maximum battery life

1. Charge the battery cartridge before completely discharged. Always stop tool operation and charge the battery cartridge when you notice less tool power.
2. Never recharge a fully charged battery cartridge. Overcharging shortens the battery service life.
3. Charge the battery cartridge with room temperature at 5 °C - 45°C . Let a hot battery cartridge cool down before charging it.
4. Charge the battery cartridge if you do not use it for a long period (more than six months).

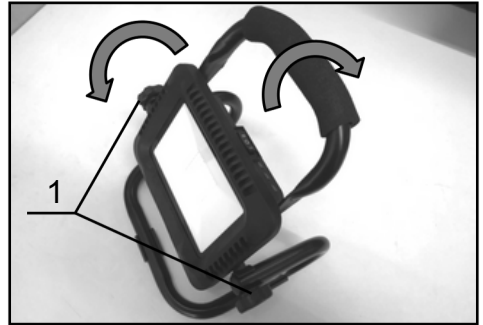
## FUNCTIONAL DESCRIPTION

**CAUTION:** Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking function on the tool.

### Adjusting the angle of the worklight

**CAUTION:** Hold the tool firmly when changing the angle of worklight. Failure to hold the tool firmly may cause it to slip off your hands and result in damage to the tool and a personal injury.

Loosen the knobs anticlockwise on the both side. Adjust the angle of the worklight to the desired position .Then tighten the knobs clockwise again. Total 120° angle is permitted.



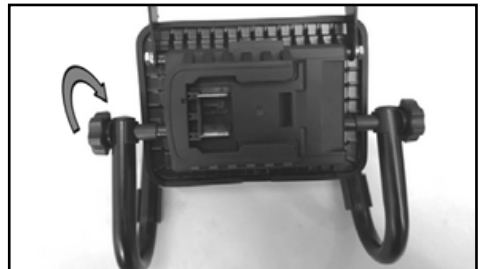
► 1. Knob

## Installing or removing battery cartridge

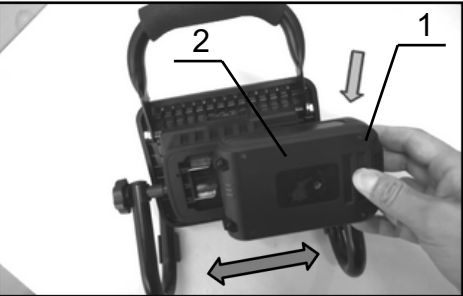
**CAUTION:** Always switch off the tool before installing or removing of the battery cartridge.

**CAUTION:** Hold the tool and the battery cartridge firmly when installing or removing battery cartridge. Failure to hold the tool and the battery cartridge firmly may cause them to slip off your hands and result in damage to the tool and battery cartridge and a personal injury.

1. Adjust the angle of worklight to the position as shown in the fig.



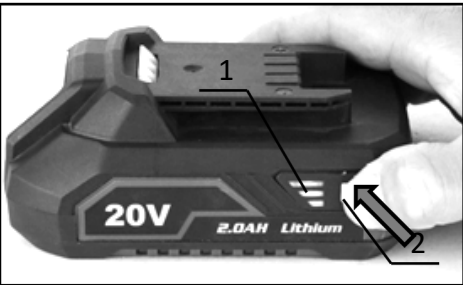
2. To remove the battery cartridge, slide it from the tool while sliding the button on the front of the cartridge.
3. To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click.



► 1. Button 2. Battery cartridge

- ⚠ CAUTION: Always install the battery cartridge fully.** If not, it may accidentally fall out of the tool, causing injury to you or someone around you.
- ⚠ CAUTION: Do not install the battery cartridge forcibly.** If the cartridge does not slide in easily, it is not being inserted correctly.

## Indicating the remaining battery capacity



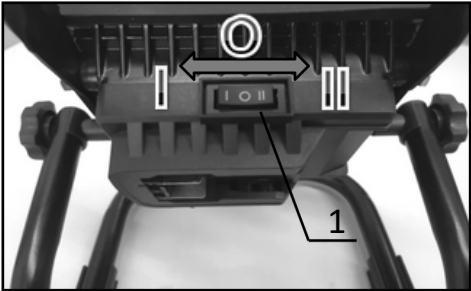
► 1. Indicator lamps 2. Check button

Press the check button on the battery cartridge to indicate the remaining battery capacity. The indicator lamps light off immediately when release the check button. Below for detail remaining capacity information.

Indicator lamps		Remaining capacity
Lighted	Off	
		75% to 100%
		25% to 50%
		10% to 25%

**NOTE:** Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.

## Lighting up the light



► 1. Power switch

1. To light up the light, press down the power switch to the "I" position, then the light shines brightly (high mode); press down the power switch to the "II" position, then the light shines mildly (low mode).
2. To light off the light, press down the power switch to the "O(Middle)" position.

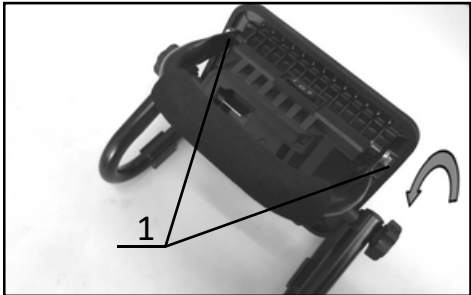
**⚠ CAUTION: Do not look in the light or see the source of light directly.**

## Battery protection system

The tool is equipped with the protection system, which automatically cuts off the output power for long service life. The light goes off during operation when the remaining battery capacity gets low. This is caused by the activation of the protection system and does not show trouble. Remove the battery cartridge from the tool and charge it.

## Adjusting the angle of the handle

Use hex wrench to loosen the hex bolts anticlockwise on the both side. Adjust the angle of the handle to the desired position. Then tighten the bolts clockwise again.





- 1. Hex bolts

## MAINTENANCE

**⚠ CAUTION:** Always be sure that the tool is switched off and the battery cartridge is removed before attempting to perform inspection or maintenance.

**~~NOTICE:~~** Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Cedrus Authorized or Factory Service Centers, always using Cedrus replacement parts.

## Cleaning

From time to time wipe off the outside (tool body) of the tool using a cloth dampened in soapy water.

## OPTIONAL ACCESSORIES

**⚠ CAUTION:** These accessories or attachments are recommended for use with your Cedrus tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Cedrus Service Center.

- Cedrus genuine battery and charger

**NOTE:** Some items in the list may be included in the tool package as standard accessories. They may differ from country to country.