

RECHARGEABLE SAFETY LIGHT



ORBTM II
RECHARGEABLE

MODEL : SL-LD160N RC-F
SL-LD160N RC-R

Front and Rear Common Instruction Manual

For your safety, please be sure to read the entire manual carefully and use the product correctly. Please keep the manual in a safe place where you can refer to it at any time. If the product is to be used by a child, the guardian should read the manual and explain the safety instructions. This product is designed assuming use by bicycle.

SLLD160NRCFRENG-250821 1



CATEYE will continue to contribute to society by creating new values in "Safety," "Health," and "Environment". CATEYE supports the Sustainable Development Goals movement proposed by the United Nations. (www.cateye.com/intl/company/sdgs/)
The USB cable is not included in the package because CATEYE is committed to making environmentally friendly and resource-saving products.

Cover

Part names and package contents

How to charge



Switch operation

How to mount to a bicycle



Danger / Warning / Caution /
Disposal instructions

Battery Replacement



Specifications

Standard accessories /
Optional accessories

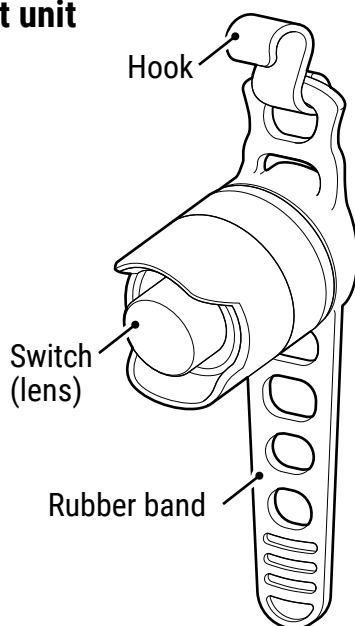


Limited warranty



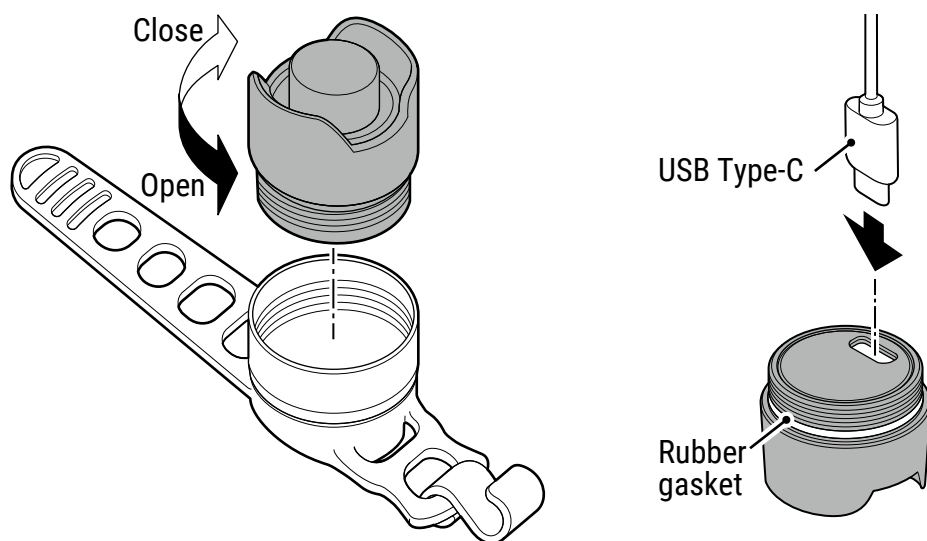
Part names and package contents

Light unit



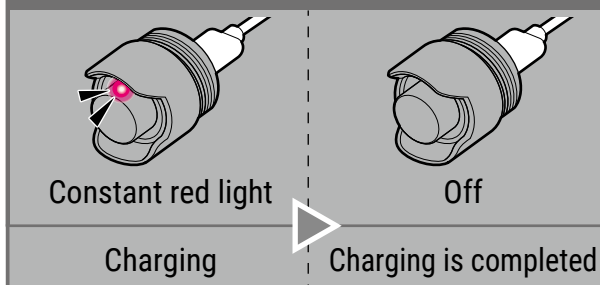
How to charge

❗ Before using the product, refer to the “⚠ Danger / Warning / Caution / Disposal instructions” (page 4) section and charge the battery.



- * Please prepare a USB cable (Type-C) that can be used for charging (sold separately) before using this product.
- * This unit is shipped with small charge to check the light.

Indicator



Charging time : Approx. 3.5 hours (0.5 A)

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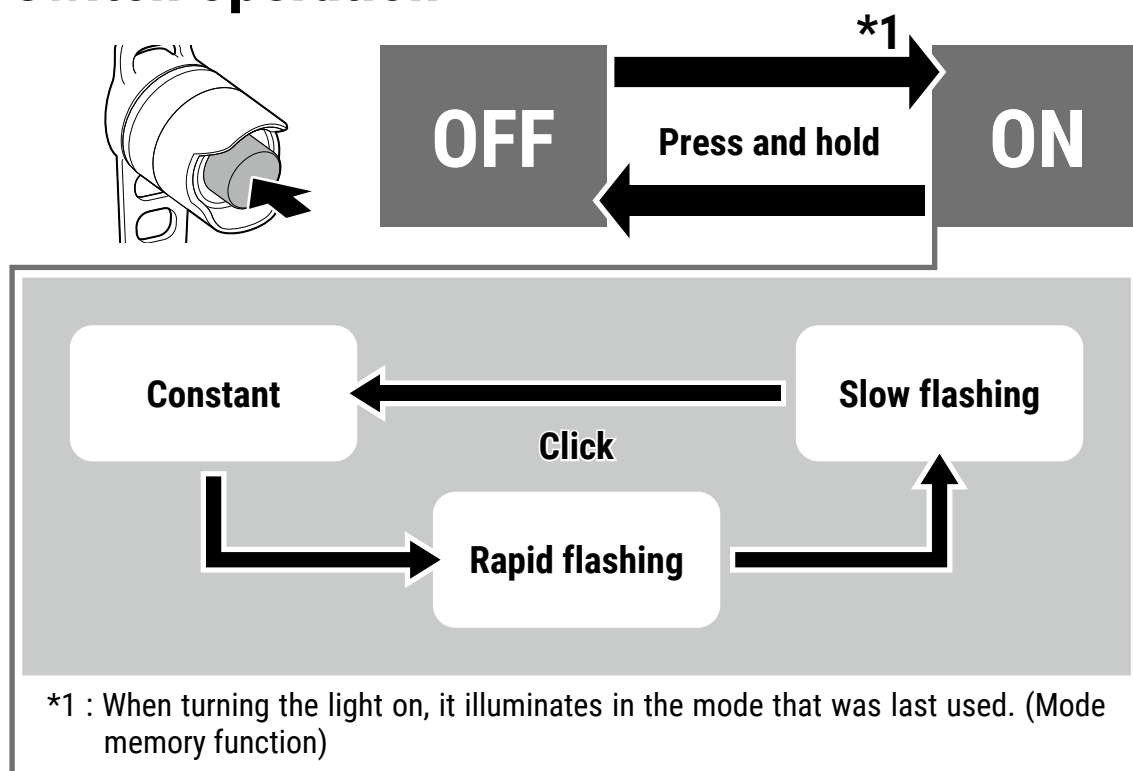
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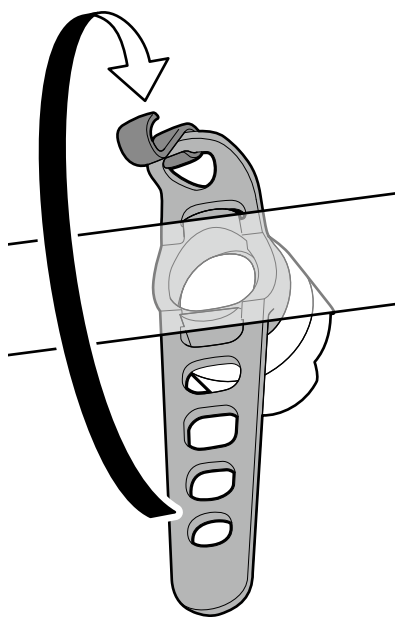
Switch operation



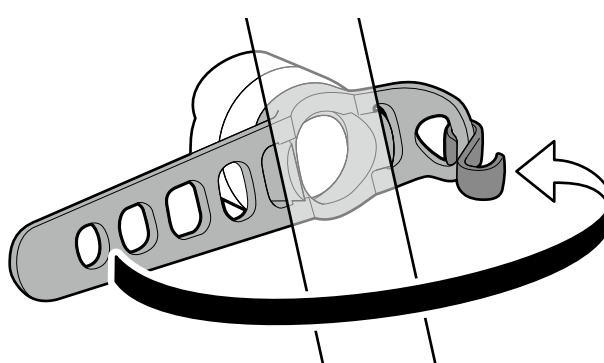
How to mount to a bicycle

Attach securely in the mounting position.

Front : SL-LD160N RC-F



Rear : SL-LD160N RC-R



Ø 22 - 32 mm

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Danger!!! (Prevention of imminent danger to life and accidents)

- Using or storing the battery in high temperatures will accelerate its degradation. Do not place the product inside a vehicle or near a heater.
- Please make sure to charge in an environment between 5°C and 40°C.
- Do not subject the product to strong vibrations, impacts, or excessive force.
- Do not charge the product, insert or remove the USB plug, or replace the battery with wet hands or a wet product.
- Do not charge or use the battery at any voltage or polarity other than that specified. Do not short-circuit the battery.
- Keep the product out of reach of children.
- Do not disassemble or modify the product or any of the included items. Also, do not use damaged products or parts.
- Do not place the product in fire or heat it.
- If you notice any abnormalities, stop using the product immediately.

Warning!! (Risk of death; Prevention of harm to life and accidents)

- Do not look directly at the light source. Please make sure to adjust the headlights downward to avoid blinding oncoming drivers and ensure they illuminate the road surface.
- Before riding, for safety reasons, please make sure that the light is securely mounted in a position where it does not block the beam and that it lights up properly.
- For safety reasons, operation should be performed with the bicycle stationary.
- Please check the indicator and brightness regularly and always keep an eye on the battery level.
- Please be sure that no dust or other foreign objects are attached to the plug of the USB cable before charging. Once charging is completed, be sure to disconnect the USB cable from the charging port.
- If rechargeable batteries are left unused for a long period of time, their voltage will drop and their performance will deteriorate. If the product will not be used for a long period, store it in not too hot or not too humid. Please charge it for approximately 30 minutes every 6 months.

Caution! (Prevention of injury, malfunction, or property damage)

- To maintain the waterproof performance, make sure the cover of the battery compartment and the charging port should be securely closed. Also, make sure to wipe off any moisture thoroughly after using the product in the rain.
- To prevent damage to the product, do not apply excessive force to the charging port.
- Charging and lighting times are approximate and may vary depending on the usage environment.
- If the illumination time is significantly reduced even after charging, it may be due to the battery's degradation and end of its service life.

Disposal Instructions

When disposing the light unit, please do so in accordance with your local regulations.

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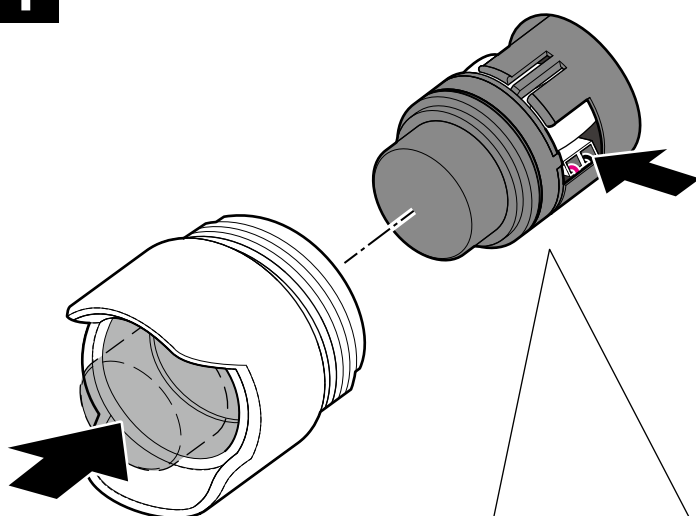
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Battery Replacement

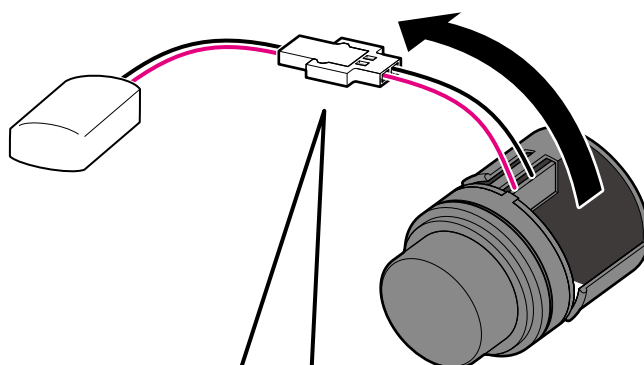
Please handle with care to avoid injury or damage to the wiring.

1

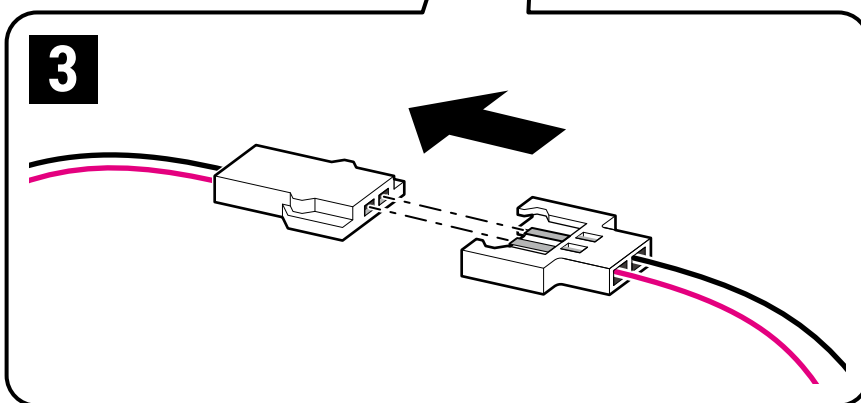


* The parts are securely fastened so that they do not loosen. Be careful not to drop them when removing them.

2



3



4

After replacing the batteries, reinstall the parts in the reverse order of removal to restore them to their original state.

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Specifications

Light source	LED x 1	
Battery type	Li-ion Polymer 3.7 V 70 mAh	
Charge terminal	USB Type-C	
Operating time ^{*2}		SL-LD160N RC-F SL-LD160N RC-R
	Constant	: Approx. 3 hours 2.5 hours
	Rapid flashing	: Approx. 6.5 hours 5 hours
	Slow flashing	: Approx. 6.5 hours 5 hours
Charging time	Approx. 3.5 hours (0.5 A)	
Charge voltage	5 V	
Temperature range	Charging : 41°F – 104°F (5°C – 40°C)	
	Operating : 14°F – 104°F (-10°C – 40°C)	
Waterproof	IPX 4	
Recharge / discharge number of times		
	About 300 times (until the rated capacity drops to 70%)	
Dimensions / Weight	ø 1-1/16" x 1-13/64" (ø 27 x 30.5 mm) (Excluding rubber band)	
	0.95 oz (27 g)	

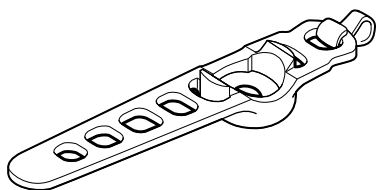
*2 : Approximate average runtime at 68°F (20°C).

* The specifications and design are subject to change without notice.

Standard accessories

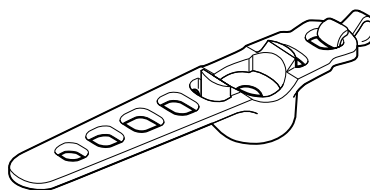
5442811

Rubber band and hook
(For front)



5442810

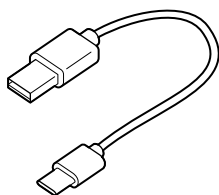
Rubber band and hook
(For rear)



Optional accessories

5342550

USB cable
(Type-A ↔ Type-C)



* To prevent accidents and malfunctions, use genuine parts for installation.

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Limited warranty

2-year Warranty: Light unit only (excludes battery deterioration)

CatEye products are warranted to be free of defects from materials and workmanship for a period of 2 years from the original purchase date.

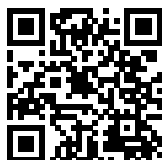
If the product fails to work during normal use, CatEye or an authorized retailer will repair or replace the product at no charge (proof of purchase is required.)

Please note that even if the product is within the warranty period, it may not be covered by the warranty depending on the condition of the product and the conditions of use.

CATEYE CO., LTD.

2-8-25, KUWAZU, HIGASHI SUMIYOSHI-KU, OSAKA, JAPAN 546-0041

For inquiries, please visit <https://cateye.com/intl/contact>



Contact Form

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CATEYE AMERICA, INC.

Please visit <https://www.cateyeamerica.com>

Toll Free : 800.5.CATEYE

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