Manuals+ — User Manuals Simplified.

LUMOS FIREFLY LBLFF01 Ultimate Bike Light System User Guide
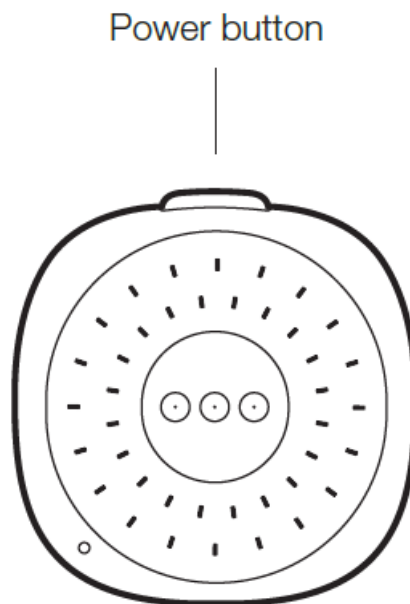
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LUMOS FIREFLY LBLFF01 Ultimate Bike Light System

FIREFLY QUICK START GUIDE

1. Download Lumos App and Pair Devices
2. Setup Sync Grid and Remote
3. Double Tap to Sync

FIREFLY KEY COMMANDS

Power button

- **Power button – Single press:** Powers on Firefly, and cycles through flash patterns.
- **Power button – Double press:** Sync flash patterns with other Firefly.
- **Power button – Long press:** While Firefly is off, enters pairing mode. While Firefly is on, turns off the device.
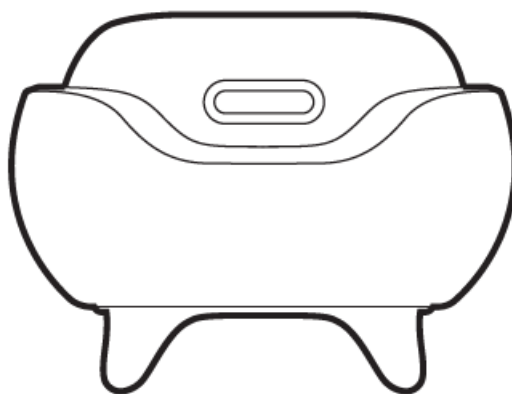
FIREFLY CHARGING INDICATORS
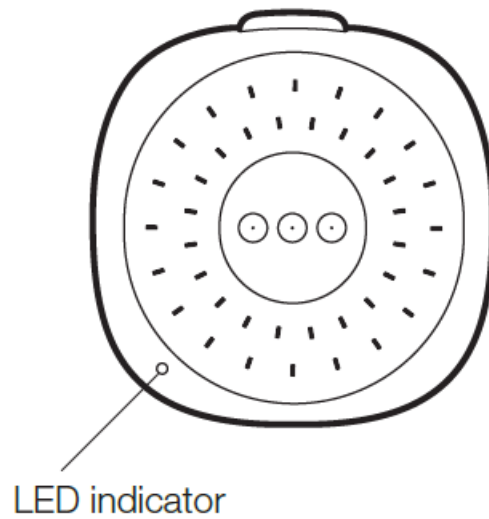
LED indicator

The Lumos Firefly has a small LED indicator to convey different information. Please note the colours below and the corresponding message.

- **Red LED light –** Firefly is charging.
- **Green LED light –** Firefly is fully charged.
- **Yellow LED light –** Firefly has temporarily paused charging to allow it to charge within acceptable operating temperatures*.

*For optimal charging, charge in ambient temperatures of <=30°C. If charging gets too hot, Firefly will temporarily stop charging to protect itself from overheating. Charging will automatically resume once it has cooled down sufficiently.

CHARGING FIREFLY


When the battery is low, place your Firefly into the Charging Cradle and connect it to a power source.
A red LED light should appear indicating it's charging.
Firefly is fully charged when the red LED light on Firefly turns green. It takes roughly 5 hours for a full charge.

**Note:** Firefly is Qi-compatible and can also be charged with other Qi wireless chargers.

PAIRING FIREFLY
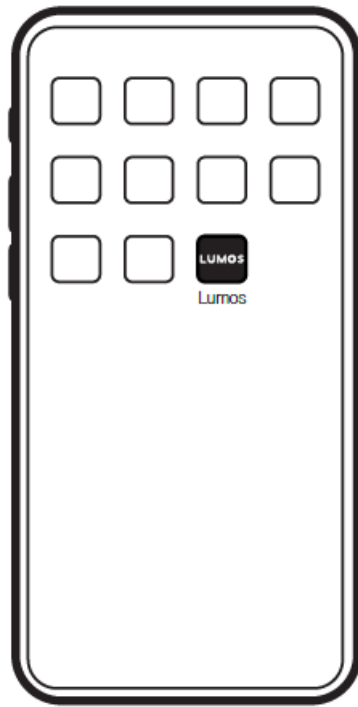
Press and hold the Firefly power button for a few seconds until it enters 'pairing mode'. In 'pairing mode', Firefly lights will breathe on and off.

Download the Lumos App via the Apple App Store or Google Play Store and head to the pairing screen in the app. Click "Pair". Your Firefly should pair within a few seconds. If it is not, repeat steps process.

MOUNTING PADDING

LOW PROFILE
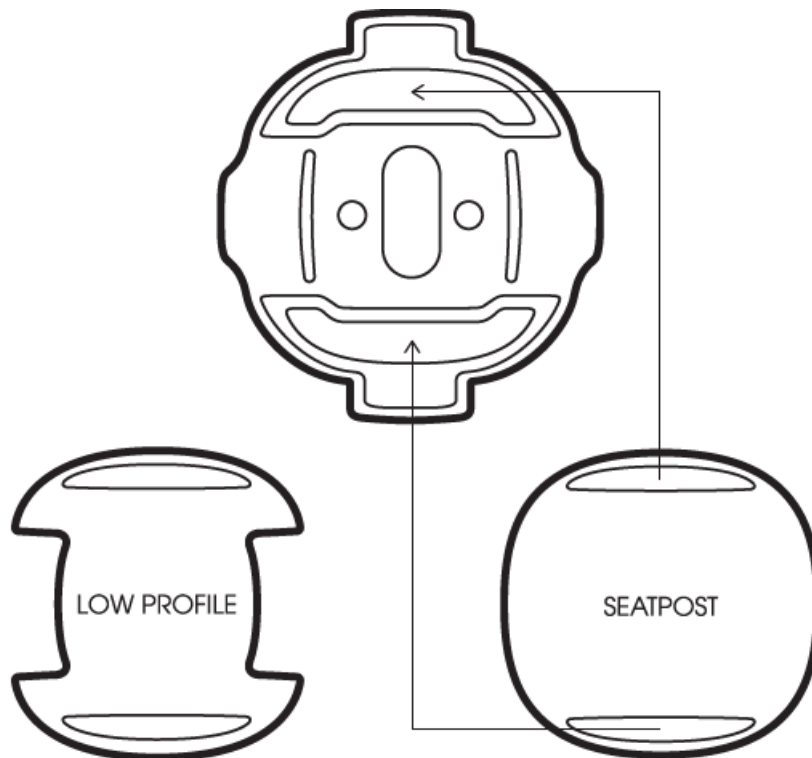
SEATPOST

When riding with Firefly, it is important to get the right angle to ensure the most optimal riding position. That's why we've included multiple sets of padding to suit different needs.
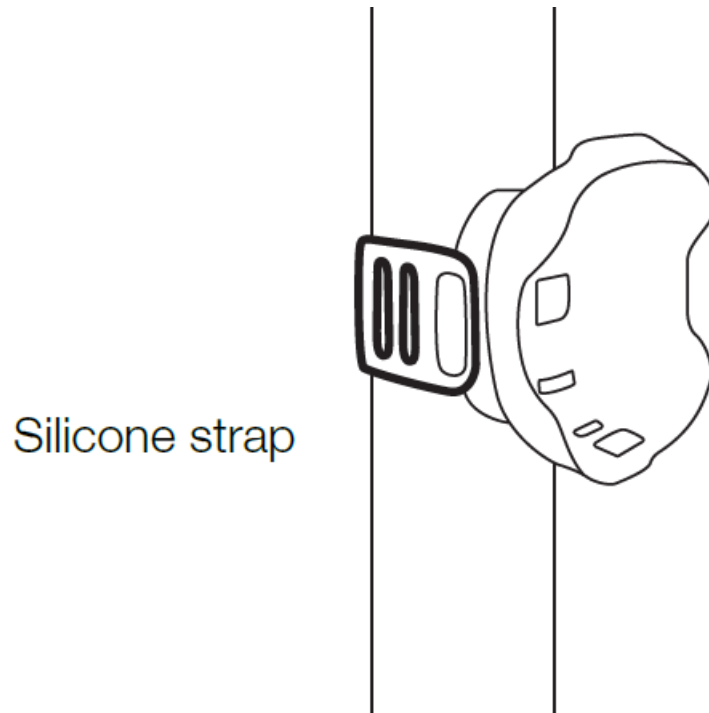
Seatpost padding allows you to mount Firefly at an angle. It is most suited for use on seatposts or other positions

that require angled mounting, like forks.
Low profile padding is flat and suited for most other mounting positions (ie: handlebar)
Slot the protruding ends into the designated holes located below the universal mount

SILICONE STRAP MOUNTING

Silicone strap

Attach the appropriate padding to the mount.
To mount the Universal Mount, secure the silicone strap into one of the hooks on the mount. Pull it around your desired mounting surface and secure the strap in the opposite hook.

VELCRO STRAP MOUNTING
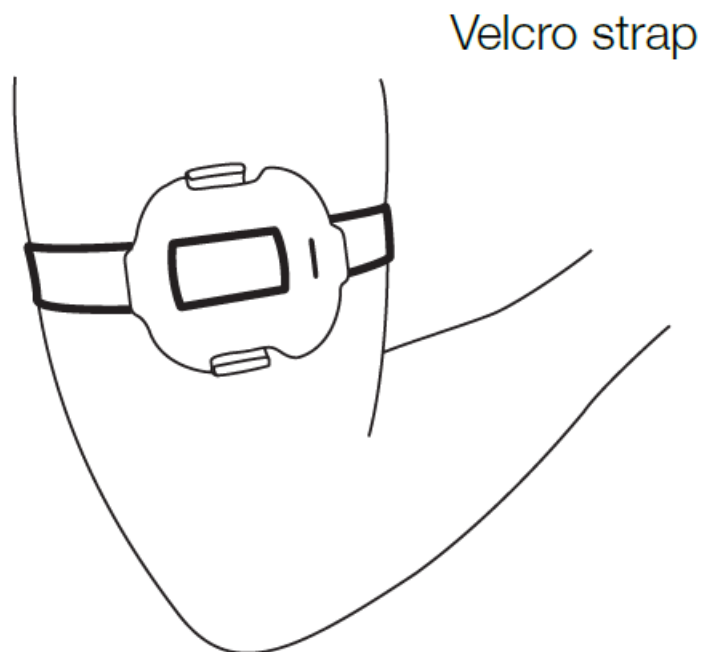
Velcro strap

The velcro strap provided can be used to mount the Firefly in more unusual places that cannot be achieved with the silicone straps, such as around an arm or a non-smart helmet.

To use the velcro strap, feed it through the two slots in the base of the Universal Mount as shown. Ensure that the Lumos logo is facing down when you feed the velcro through the hole.
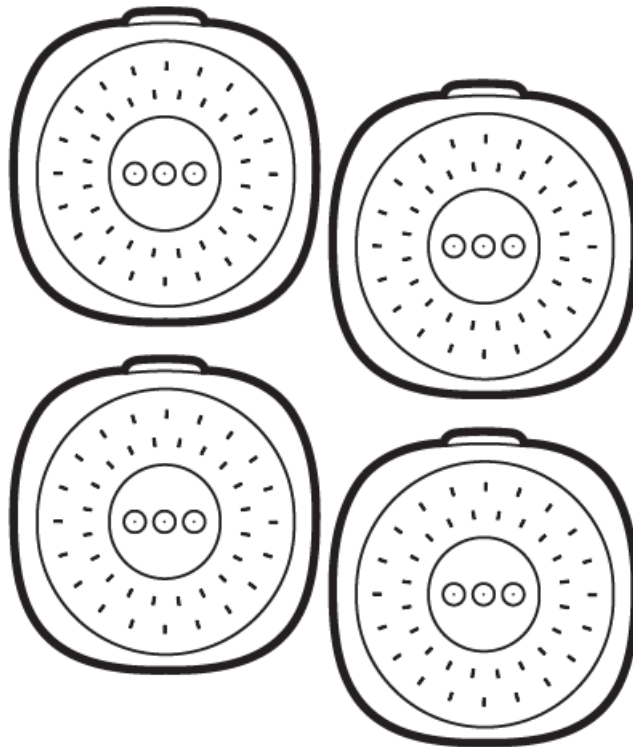
Wrap the velcro around the mounting feature you are trying to mount to. In some instances, you may need to wrap the velcro around multiple times. Ensure a tight fit to reduce unwanted vibrations.

SYNCING FIREFLY

Syncing all of your Firefly lights is as simple as double-tapping the power button. Any surrounding Firefly lights will then sync to the same pattern.

UNLOCK YOUR ECOSYSTEM

Download the Lumos App to unlock the full potential of Firefly

-   Enabling brake lights and turn signals

-   Configuring sync settings

-   Assigning Firefly command profiles

- Automatic off capability

IDENTIFY YOUR FIREFLY AT A GLANCE

Rear of Firefly
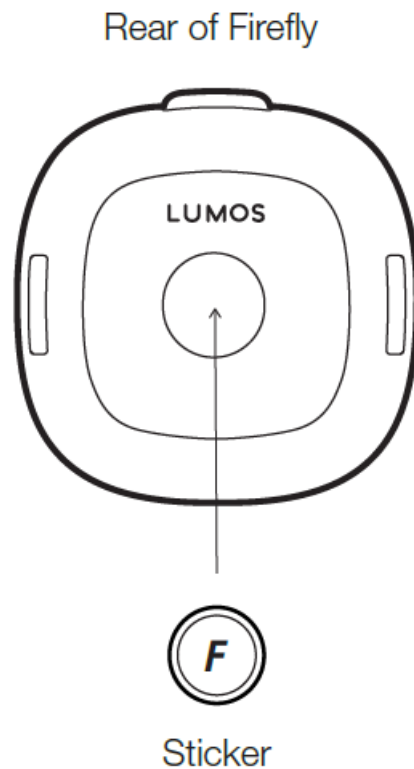
Sticker

All Lumos Firefly come with a set of navigational stickers to tell all your Firefly lights apart.
When using multiple Firefly lights in your setup, place the sticker corresponding to its profile in the indentation on the rear of Firefly.

DISCOVER MORE FEATURES

WORRIED THAT FIREFLY WILL FALL OUT EVEN WITH THE STRONG MAGNETS?
We've designed mounting clips specifically to give extra peace of mind to prevent Firefly from falling out of its base.

Note: under normal cycling conditions and even fairly rough terrain, we never encountered an issue with Firefly falling out.

Align to opening

Push   Push

To use the mount clips, simply insert them into the side of the Universal Mount as shown. You'll need to install both clips for this to work as intended.
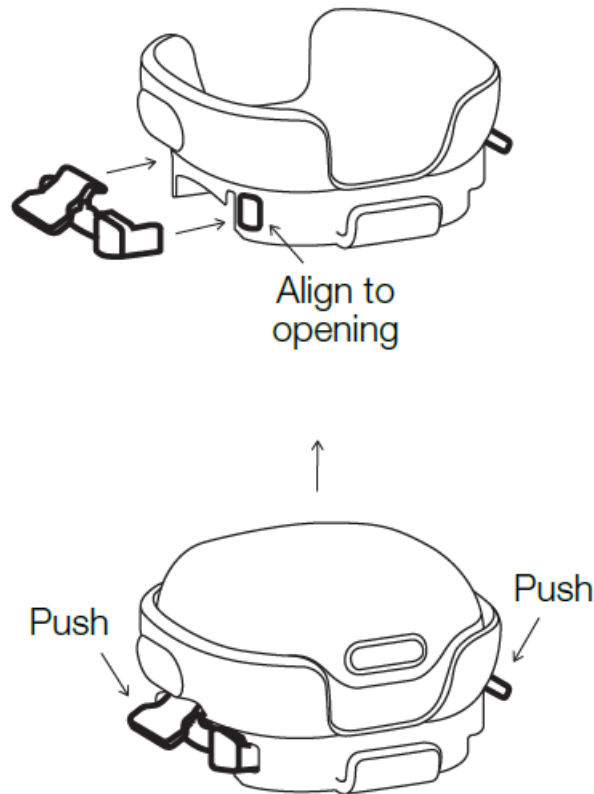Now when you place a Firefly into the Universal Mount, you should be able to feel the clips engage. You may need to push the Firefly in to secure it fully.
To remove Firefly, press both clips at the same time. Feel free to keep the clips attached if you prefer to do so. The Universal Mount was designed to work both with and without the clips.

SPECIFICATION OF RADIO TRANSMISSION

- Product: Lumos Firefly
- Model Number: LBLFF
- Power Output: 1.85W
- Charging Input: 2W

Hereby, Lumos Labs International Pte Ltd. declares that the radio equipment type Lumos Firefly is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: lumoshelmet.co/EU_DOC

IC Statement
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic DevelopmentCanada's
licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.

2. This device must accept any interference, including interference that may cause undesired operation of the device.

FCC – Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions

1. This device may not cause harmful interference, and

2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

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For more information, visit **firefly.lumoshelmet.co**

Documents / Resources

	LUMOS FIREFLY LBLFF01 Ultimate Bike Light System [pdf] User Guide LBLFF01, 2A7ZK-LBLFF01, 2A7ZKLBLFF01, FIREFLY LBLFF01 Ultimate Bike Light System, FIREFLY LBLFF01, Ultimate Bike Light System, Bike Light System, Light System

References

- ☞ **EU Declaration of Conformity – Lumos Helmet US**