

**Lumos 810059470842**

# Lumos Ultra MIPS+ Smart Bike Helmet

## User Instruction Manual

### 1. INTRODUCTION

Thank you for choosing the Lumos Ultra MIPS+ Smart Bike Helmet. This helmet is designed to enhance your safety and riding experience with integrated lighting and smart features. Please read this manual carefully before using your helmet to ensure proper operation and maintenance.

#### Key Features:

- Bright front and rear LED lights for 360-degree visibility.
- Remote-controlled turn signals.
- MIPS (Multi-Directional Impact Protection System) for enhanced head protection.
- Smartphone app connectivity for customization and ride tracking.
- Rechargeable battery with up to 10 hours of life.



Figure 1.1: Lumos Ultra MIPS+ Smart Bike Helmet in Bullish Red.

## 2. WHAT'S INCLUDED

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The Lumos Ultra MIPS+ Bundle includes the following components:

- Lumos Ultra MIPS+ Helmet
- Bug Net
- Lumos Remote Lite
- Silicone Bands for remote attachment
- Visor
- USB-C Charging Cable
- Magnetic Charging Cable (for remote)

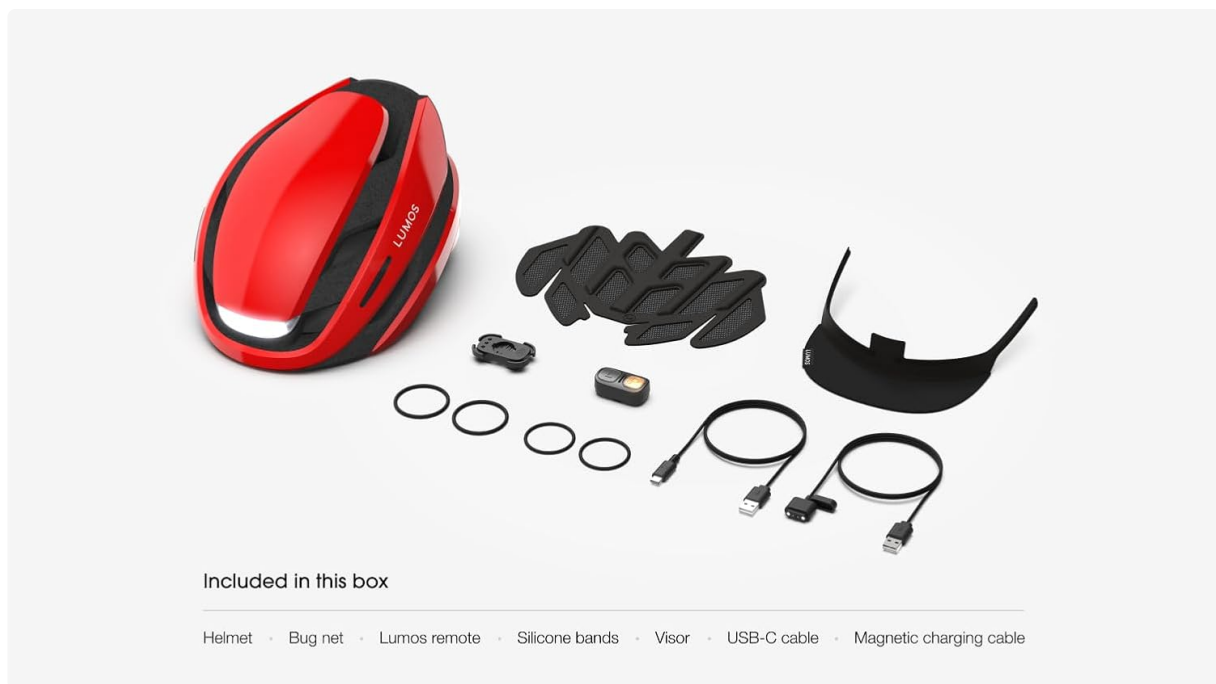


Figure 2.1: All components included in the Lumos Ultra MIPS+ bundle.

## 3. SETUP

### 3.1 Initial Charging

Before first use, fully charge your Lumos Ultra helmet and the Lumos Remote Lite. The helmet uses a USB Type-C cable, and the remote uses a magnetic charging cable. A full charge can take approximately 2-3 hours.

### 3.2 Helmet Fit and Adjustment

Ensure the helmet fits snugly and comfortably. Adjust the retention system at the back of the helmet and the chin straps for a secure fit. The helmet should not move freely on your head.

### 3.3 Remote Pairing

The Lumos Remote Lite controls the helmet's turn signals. To pair:

1. Turn on your Lumos Ultra helmet.
2. Press and hold the button on the Lumos Remote Lite until its indicator light flashes.
3. The remote and helmet will automatically pair. A successful pairing is indicated by a solid light on the remote.

### 3.4 Smartphone App Connection

Download the Lumos Helmet App from your device's app store. The app allows for advanced customization and features.

1. Enable Bluetooth on your smartphone.
2. Open the Lumos Helmet App and follow the on-screen instructions to connect to your helmet.
3. Once connected, you can customize light patterns, adjust brightness, and track rides.

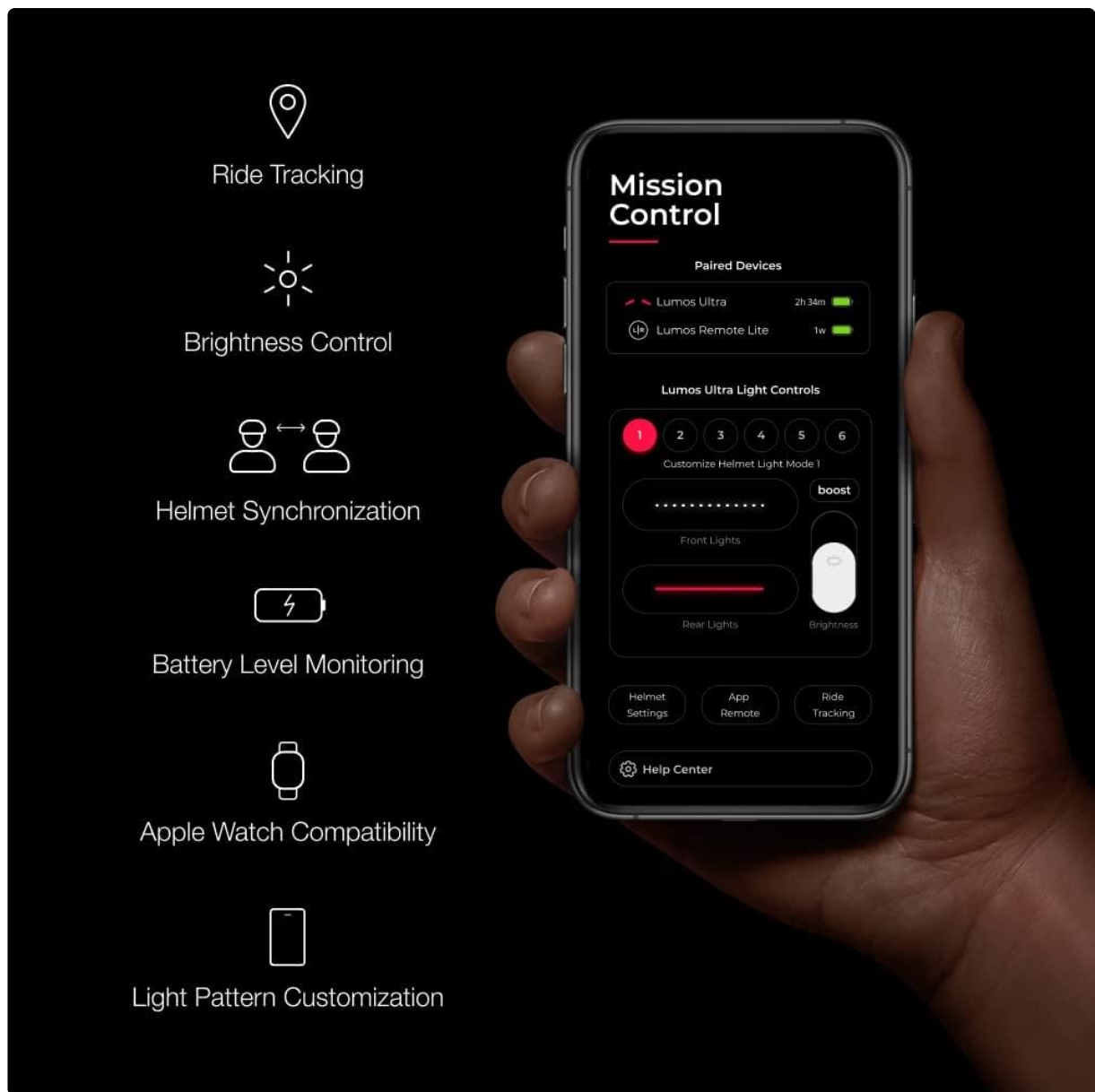


Figure 3.1: Lumos Mission Control App interface for helmet customization.

## 4. OPERATING THE HELMET

### 4.1 Power On/Off

To power on the helmet, press and hold the power button located on the rear of the helmet until the lights illuminate. To power off, press and hold the same button until the lights turn off.

### 4.2 Turn Signals

The Lumos Remote Lite, mounted on your handlebars, controls the turn signals. Press the left button for a left turn signal and the right button for a right turn signal. The corresponding rear lights on the helmet will flash to indicate your turn.

# Extra Protection With MIPS

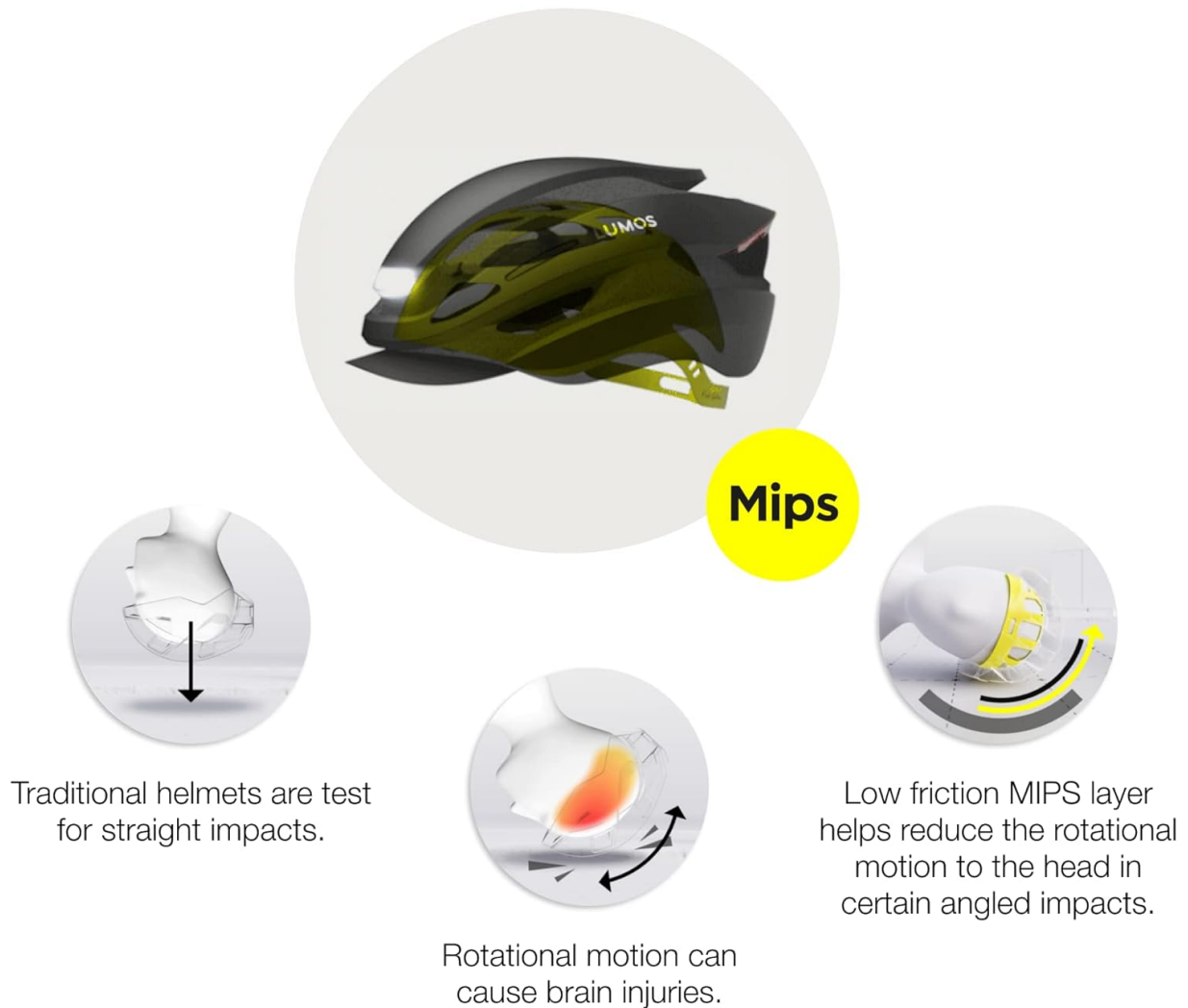


Figure 4.1: Remote-activated turn signals provide clear indication to others.

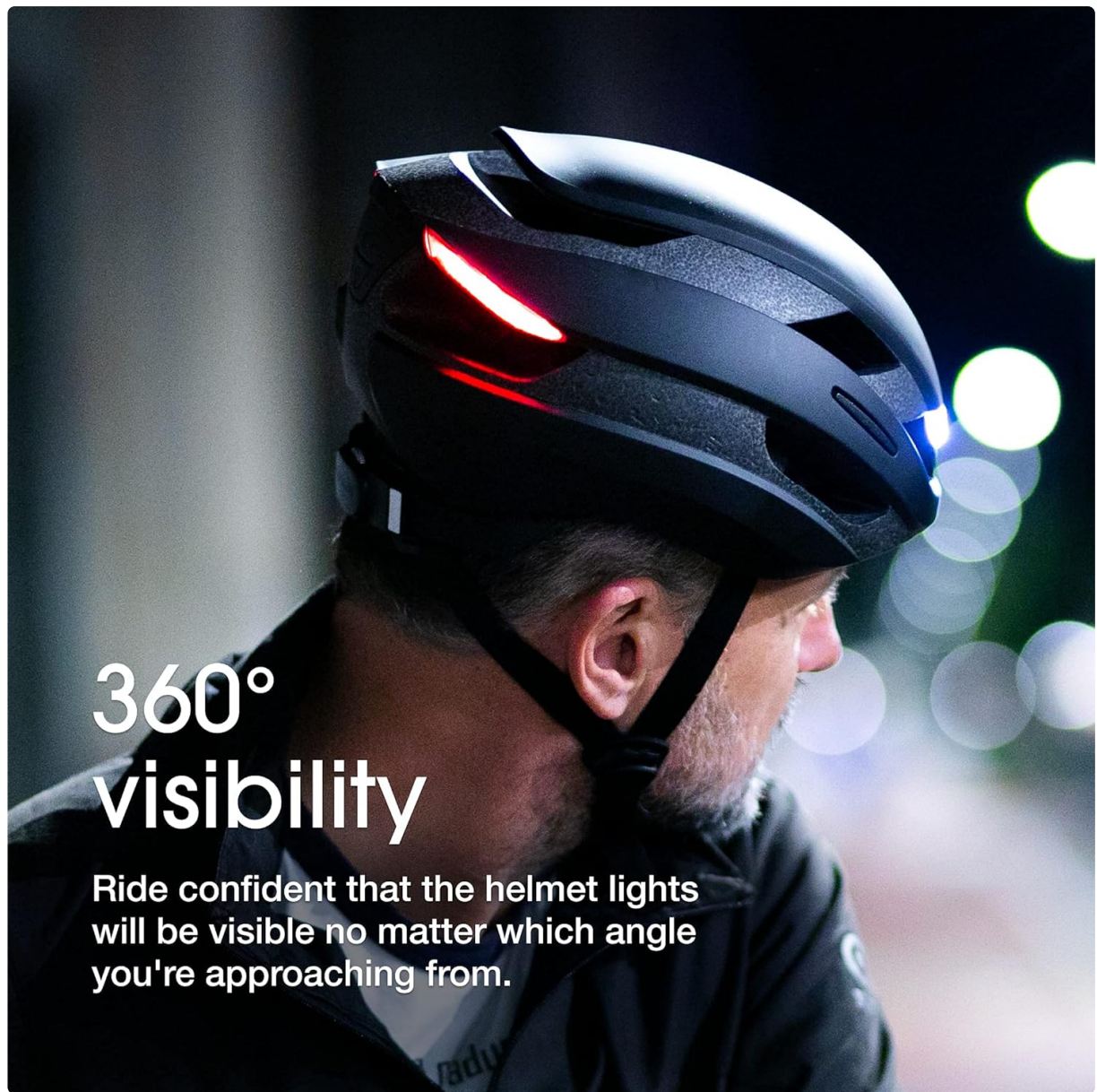
## 4.3 Light Customization and Brightness

Use the Lumos Helmet App to customize your helmet's light patterns and adjust brightness levels. You can choose from various blinking patterns and brightness settings to suit different riding conditions and personal preferences.

## 4.4 360-Degree Visibility

The integrated front and rear LED lights ensure you are visible from all angles, significantly enhancing your safety, especially in low-light conditions.





## 360° visibility

Ride confident that the helmet lights will be visible no matter which angle you're approaching from.

Figure 4.2: The helmet's lights provide comprehensive visibility from all directions.



Figure 4.3: Front LED lights illuminate the path and make the rider visible.

## 5. MAINTENANCE

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### 5.1 Cleaning

Clean the helmet shell with a soft, damp cloth and mild soap. Avoid harsh chemicals or abrasive materials that could damage the finish or internal components. The internal padding can be removed and hand-washed with mild soap and water, then air-dried.

### 5.2 Battery Care

To prolong battery life, avoid fully discharging the helmet and remote frequently. Charge them regularly, especially if storing for extended periods. Store the helmet in a cool, dry place.

### 5.3 Storage

Store your helmet in a safe place where it will not be exposed to extreme temperatures, direct sunlight, or physical damage. Keep it away from sharp objects that could scratch or puncture the shell.

## 6. TROUBLESHOOTING

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## 6.1 Lights Not Turning On

- Ensure the helmet is fully charged.
- Press and hold the power button firmly for a few seconds.
- If the issue persists, try resetting the helmet by holding the power button for 10 seconds until it cycles.

## 6.2 Remote Not Controlling Turn Signals

- Check if the remote is charged.
- Ensure the remote is paired with the helmet (refer to Section 3.3).
- Confirm the helmet is powered on.

## 6.3 App Connectivity Issues

- Ensure Bluetooth is enabled on your smartphone.
- Make sure the helmet is powered on and within range.
- Try restarting both the helmet and the app.
- Ensure your app is updated to the latest version.

## 7. SAFETY INFORMATION

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The Lumos Ultra MIPS+ helmet is designed to provide protection during cycling. It features MIPS technology, which is an additional safety system designed to reduce rotational forces that can result from certain impacts.



# Remote activated turn signals



Integrated turn signals  
activated by the included  
Lumos Remote Lite.

Compatible with Apple  
watch too.

Figure 7.1: MIPS technology helps reduce rotational motion to the head in angled impacts. Always wear your helmet correctly adjusted and fastened. No helmet can protect against all possible impacts. Replace your helmet after any significant impact, even if visible damage is not apparent.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Lumos
Model Name	Ultra
Model Number	810059470842
Color	Bullish Red with MIPS+
Age Range	Adult
Size	M-L (21-1/4" to 24" / 54 to 61cm)
Special Feature	Rechargeable LED Lights, Turn Signals, MIPS

Outer Material	Polycarbonate (PC)
Inner Material	Expanded Polystyrene
Item Weight	390 Grams
Battery Life	Up to 10 hours

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

For detailed warranty information regarding your Lumos Ultra MIPS+ helmet, please refer to the official Lumos website or the warranty card included with your purchase. Warranty terms and conditions may vary by region.

### 9.2 Customer Support

If you encounter any issues or have questions not covered in this manual, please visit the official Lumos support page or contact their customer service. Contact details can typically be found on the Lumos website.

## Related Documents

<div><p><b>EU Declaration of Conformity</b></p><p>Manufacturer Information Lumos Ultra 227, North Bridge Road, Lumos Asia Pte Ltd, Singapore 070000 Lumos Asia Pte Ltd, Singapore 070000 Lumos Asia Pte Ltd, Singapore 070000</p><p>Product Information Lumos Ultra MIPS+ helmet Lumos Ultra MIPS+ helmet Lumos Ultra MIPS+ helmet</p><p>The manufacturer is a legal entity under the jurisdiction of the Republic of Singapore. The manufacturer is not a legal entity under the jurisdiction of the Republic of Singapore. The manufacturer is not a legal entity under the jurisdiction of the Republic of Singapore.</p></div>	<p><a href="#">Lumos Ultra with MIPS Helmet EU Declaration of Conformity</a></p> <p>Official EU Declaration of Conformity for the Lumos Ultra smart bicycle helmet with MIPS technology, detailing manufacturer information, product specifications, and compliance with relevant EU directives and regulations.</p>
<div><p><b>EU Declaration of Conformity</b></p><p>Manufacturer Information Lumos Ultra Fly 227, North Bridge Road, Lumos Asia Pte Ltd, Singapore 070000 Lumos Asia Pte Ltd, Singapore 070000 Lumos Asia Pte Ltd, Singapore 070000</p><p>Product Information Lumos Ultra Fly MIPS helmet Lumos Ultra Fly MIPS helmet Lumos Ultra Fly MIPS helmet</p><p>The manufacturer is a legal entity under the jurisdiction of the Republic of Singapore. The manufacturer is not a legal entity under the jurisdiction of the Republic of Singapore. The manufacturer is not a legal entity under the jurisdiction of the Republic of Singapore.</p></div>	<p><a href="#">Lumos Ultra Fly MIPS Helmet EU Declaration of Conformity</a></p> <p>Official EU Declaration of Conformity for the Lumos Ultra Fly MIPS helmet, detailing compliance with safety regulations and standards.</p>
<div><p><b>EU Declaration of Conformity</b></p><p>Manufacturer Information Lumos Ultra Fly Pro 227, North Bridge Road, Lumos Asia Pte Ltd, Singapore 070000 Lumos Asia Pte Ltd, Singapore 070000 Lumos Asia Pte Ltd, Singapore 070000</p><p>Product Information Lumos Ultra Fly Pro MIPS helmet Lumos Ultra Fly Pro MIPS helmet Lumos Ultra Fly Pro MIPS helmet</p><p>The manufacturer is a legal entity under the jurisdiction of the Republic of Singapore. The manufacturer is not a legal entity under the jurisdiction of the Republic of Singapore. The manufacturer is not a legal entity under the jurisdiction of the Republic of Singapore.</p></div>	<p><a href="#">Lumos Ultra Fly Pro MIPS Helmet - EU Declaration of Conformity</a></p> <p>Official EU Declaration of Conformity for the Lumos Ultra Fly Pro MIPS road bike helmet, detailing compliance with EU regulations and standards.</p>

