



# LUMOS PRO USB BIKE LIGHT SET

Long Life Rechargeable LED Set

Product Code: OT01337

## Introduction

The Defender Lumos Pro USB Bike Light Set is a premium solution for keeping safe and seen.

The set contains both front white and rear red LED lights, with the front light capable of producing up to 150 lumens with a beam distance of 110m. The front light also possesses a specialist dipped beam that mimics vehicle headlights so as not to dazzle other road users, plus convenient side lights for increased visibility angles. The rear light has 5 LEDs and 4 operation modes.

Both lights are IP54 waterproof and fully USB rechargeable, with maximum battery life of 15 hours and 12 hours respectively. Convenient fixing straps allow easy installation and removal.

**Always fully charge before first use for optimum performance.**

## Contents

- 1 x Front White Light
- 1 x Rear Red Light
- 2 x USB Recharging Cable
- 2 x Rubber Fixing Straps

## Operation

### Front

To operate the front light, press the button on the top of the unit.

- |               |                              |
|---------------|------------------------------|
| First press:  | On - Full Power (150 lumens) |
| Second press: | On - Half Power (70 lumens)  |
| Third press:  | Strobe                       |
| Fourth press: | Off                          |

### Rear

To operate the rear light, press the button on the front of the lens.

- |               |                     |
|---------------|---------------------|
| First press:  | On - Constant       |
| Second press: | On - Stripe Flash   |
| Third press:  | On - Constant Flash |
| Fourth press: | On - Random Flash   |
| Fifth press:  | Off                 |

To install the lights on a bike, simply affix the rubber fixing straps, tightening and securing as required. The lights can be fixed to the handlebar or frame of any bike. You then have the option to remove both lights when not in use or requiring charge. Simply slide the light out of the bracket (for the front light, push the release on the strap and slide the light towards you).

## Recharging

### Front

When battery life is running low, the 2 side LEDs will begin flashing red.

To recharge the front light, simply attach the provided cable to a compatible USB charging unit, such as a laptop, 5V plug unit or portable charger.

A full charge will take between 4-5 hours. When charging, the side lights will glow red and, when fully charged, will glow green.

Estimated operating time by mode (based on a full charge):

Full (150 lumens):	4-5 hours
Half (70 lumens):	7-8 hours
Strobe:	14-15 hours

### Rear

When battery life is running low, the LEDs will become noticeably dimmer.

To recharge the front light, simply attach the provided cable to a compatible USB charging unit, such as a laptop, 5V plug unit or portable charger.

A full charge will take approximately 2 hours. When charging, a red light will appear at the bottom of the unit and, when fully charged, will turn off.

Estimated operating time by mode (based on a full charge):

Constant:	4-5 hours
Stripe Flash:	9-10 hours
Constant Flash:	11-12 hours
Random Flash:	7-8 hours

**It is always recommended to plan ahead and ensure your light will not be low on battery during journeys, particularly after dark.**

**DO NOT attempt to open the battery compartment on either light.**

*In accordance with the Health and Safety Executive (HSE) restrictions, the strobe flash rate of the Solon Pro USB Bike Light Set is limited to 2 per second. This is below the maximum of 4 per second that the HSE considers appropriate and safe for most people.*

**Contact us:**  
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