Product datasheet

LEDsBIKE EXPLORER X 500 SET

Up to 500 Lumen
The powerful LED technology provides powerful illumination

Flashing mode for front and rear light
For enhanced visibility and longer battery life

Individual lightadjustment
Lighting modes: High (100 %), Low (50 %), Eco (25 %), Flash

Not available in GermanyLight up your adventure

Go further and ride longer with 500 lumens lighting your way through every adventure. Designed for demanding trails and adventurous rides, this robust lighting set offer enhanced visibility and safety – even in the toughest off-road conditions.

Adaptable lighting for every situation:
The front light offers multiple modes: High (100 %), Low (50 %), Eco (25 %) and Flash. The rear light also features a flashing mode, which not only improves visibility from behind but also helps extend battery life during longer rides.

Long-lasting power, easy charging:
With a battery life of up to 14 hours for the front light and up to 16 hours for the rear light, it is ideal for long journeys or commutes without having to worry about recharging.The included USB-C cable ensures convenient charging, while the battery and charging indicator keeps you informed at all times.

Ready for any terrain:
The robust aluminum housing and transparent acrylic lens are designed to withstand the harshest conditions. The Garmin-compatible mount allows secure and stable installation and can be easily attached to handlebars with a diameter of 22.2 to 35 mm. Certified to IP54 protection, it resists rain, splashes, and dust – keeping you visible in all weather conditions. Backed by a 2-year OSRAM guarantee[1], it's the ideal choice for cyclists who demand reliability and performance.

Product datasheet

Technical data

Product information

Application (Category and Product specific)	LED Bike Lights
Product legal advice 1	1) For precise conditions refer to: www.osram.com/am-guarantee. Please note: This product is not approved for use within the scope of the German road traffic act (StVZO)

General Product Information

Global order reference	LEDBL201 SET

Electrical Data

Nominal voltage	3.7 V

Photometric Data

Nominal luminous flux	500 lm
Color temperature	5800 K
Light color LED	Cold white

Lifetime Data

Guarantee	2 years

Additional product data

Type of Battery	Lithium Ion
Charging Type	USB-C
Charging time	Front: 3 hr | Rear: 2 hr
Setting	Front: High (100%), Low (50%), Eco (25%), FlashRear: Steady, Flash
Usage time	Front: 14 h (Eco), 7 h (Low), 3 h (High)Rear: 30 h (Flash), 16 h (Steady)

Capabilities

Technology	LED

Certificates & standards

Type of protection	IP54

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)

Product datasheet

Primary article identifier	4062172426046
Declaration no. in SCIP database	In work

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172426046	LEDsBIKE EXPLORER X 500 SET	Hanging Folding Box 1	115 mm x 55 mm x 165 mm	1.04 dm³	316.00 g
4062172426053	LEDsBIKE EXPLORER X 500 SET	Shipping carton box 6	248 mm x 184 mm x 196 mm	8.94 dm³	2141.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Download Data

	File
	User instruction G15142990 UI LEDsBIKE SET EXPLORER X 500 LEDBL201 SET
	User instruction GPRS_Safety symbols instructions

Safety advice

For detailed application information, please refer to the product data sheet and the user instruction

Legal advice

1) For precise conditions refer to: www.osram.com/am-guaranteePlease note: This product is not approved for use within the scope of the German road traffic act (StVZO)

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

OSRAM