

LEDsBIKE RACE 100 SET

Luminosity up to 100 Lux	Usage time up to 13 hours1)	Automatic mode	Rear light inclusive brake light function
The powerful LED technology provides wide illumination of up to 100 meters	Ideal for long bike rides or commutes without having to worry about recharging	The integrated brightness sensor automatically adjusts the light intensity to the ambient light	For greater visibility in road traffic

Your light, your ride, your safety!

Discover the LEDsBIKE RACE 100 SET, the new highlight for all cycling enthusiasts, which takes visibility and versatility to a new level. With multiple lighting modes—automatic and manual—and three brightness levels (100%, 50%, and 25% brightness), the front light adapts perfectly to any environment. It provides powerful illumination with 100 lux and a range of up to 100 meters. The display always informs you about the selected mode and the current light intensity. With a battery life of up to 13 hours1), it is ideal for long journeys or commutes without having to worry about recharging. A special highlight is the rear light with intelligent brake light function, which increases both visibility and safety in road traffic. The tool-free 360-degree mounting allows for quick and easy installation, making the LEDsBIKE RACE 100 SET an ideal companion for every cyclist. The included USB-C cable ensures convenient charging of the lithium-ion battery, while the battery and charging indicator keep you informed of the current status. The battery of the front light can be fully charged within 3 hours. The rear light only takes 2.5 hours to charge. The high-quality construction, including an aluminum heat sink, black ABS housing, and transparent polycarbonate lens, promises durability and reliability. It complies with German road traffic regulations (StVZO) and has the K-marking. With IP44 certification, it is protected against water so that you are safe on the road even in bad weather. OSRAM offers a 2-year guarantee on all LEDsBIKE RACE bicycle lights2).

Product family datasheet

Technical data

	Product information	Electrical data	Photometrical data		
Product description	Application (Category and Product specific)	Nominal voltage	Light color LED	Light distance at 1lx	Lux Value
LEDsBIKE RACE 100 SET LEDBL103 SET	LED Bike Lights	3.7 V	Cold white	100 m	100

			Lifespan	Additional product data	
Product description	Color temperature	Luminous flux	Guarantee	Usage time	Charging Type
LEDsBIKE RACE 100 SET LEDBL103 SET	5400 K	115 lm	2 years	Up to 13 h (front light): eco (25 %): 13 hours; low (50 %): 9 hours; max (100 %): 4 hoursUp to 13 h (rear light)	USB-C

			Capabilities	Certificates & standards
Product description	Type of Battery	Setting	Technology	Standards
LEDsBIKE RACE 100 SET LEDBL103 SET	Lithium Ion	4 settings: eco (25%), low (50%), max (100%), auto	LED	StVZO

		Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (RECh)		
Product description	Type of protection	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database
LEDsBIKE RACE 100 SET LEDBL103 SET	IP44	26-06-2024	4062172403870	In work

Download Data

File	
	User instruction LEDsBIKE RACE 100 SET

Safety advice

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

Legal advice

- 1) Front light usage time varies depending on the brightness level: 25 %: 13 hours; 50 %: 9 hours; 100 %: 4 hours
- 2) For precise conditions please refer to: www.osram.com/am-guarantee

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.